



DASU HYDROPOWER CONSULTANTS

Dasu Hydropower Project

Joint Venture of



With sub-consultants



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Our Ref. No: DHC/Dasu/WAPDA/GEN/HN/23- 610

Date: 15th June, 2023

General Manager/ Project Director,
Dasu Hydropower Project,
WAPDA Office Dasu, Kohistan

Subject: Dasu HPP - MPR No.106 for the Month of May 2023 under Assignment-B

In pursuance of Appendix-B to the Contract Agreement for the Consultancy Services, Kindly find enclosed Fourteen (14) copies of the above Subject Report.

Sincerely yours,

Project Manager
Dasu Hydropower Consultants

Attachment: MPR No.106 (14 Copies)

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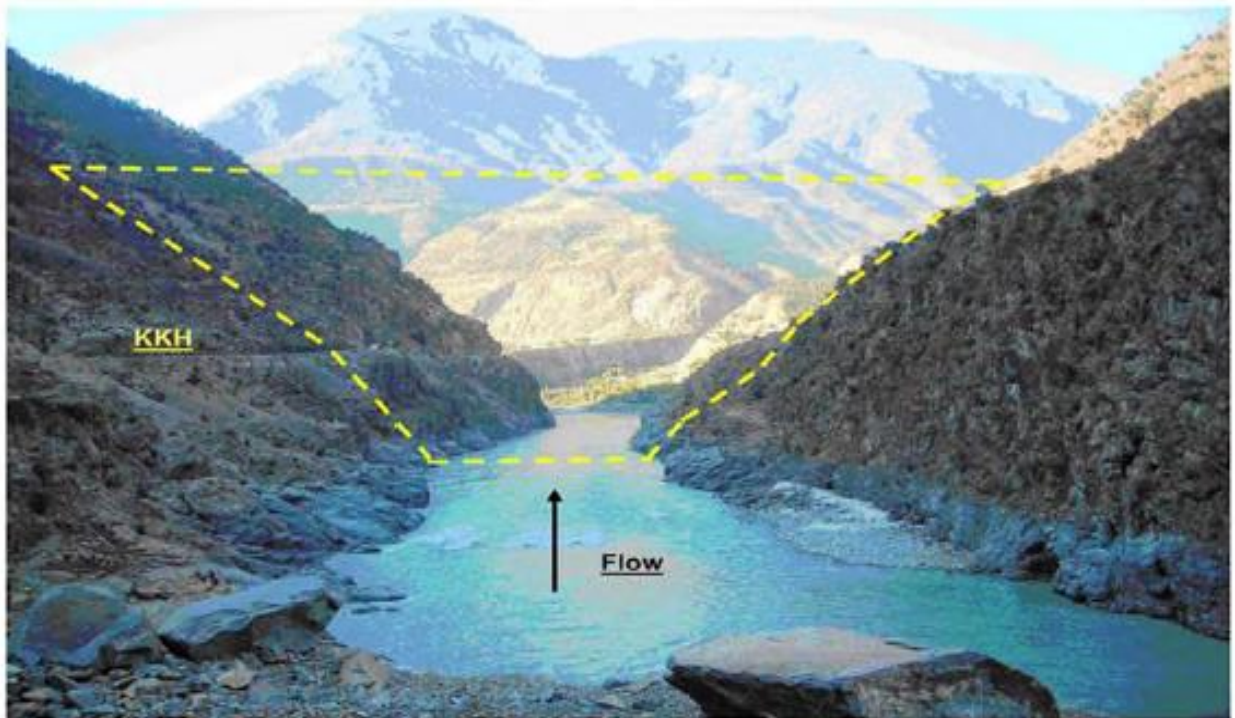
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2. DHC Lahore Office
3. Office file



PAKISTAN WATER AND POWER DEVELOPMENT AUTHORITY

DASU HYDROPOWER PROJECT

Consultancy Services for Preparation and Implementation of
Dasu Hydropower Project
Assignment – B: Construction Design, Contract Management and
Construction Supervision Support
Contract No. DHP-CSA01



Monthly Progress Report No. 106

May 2023

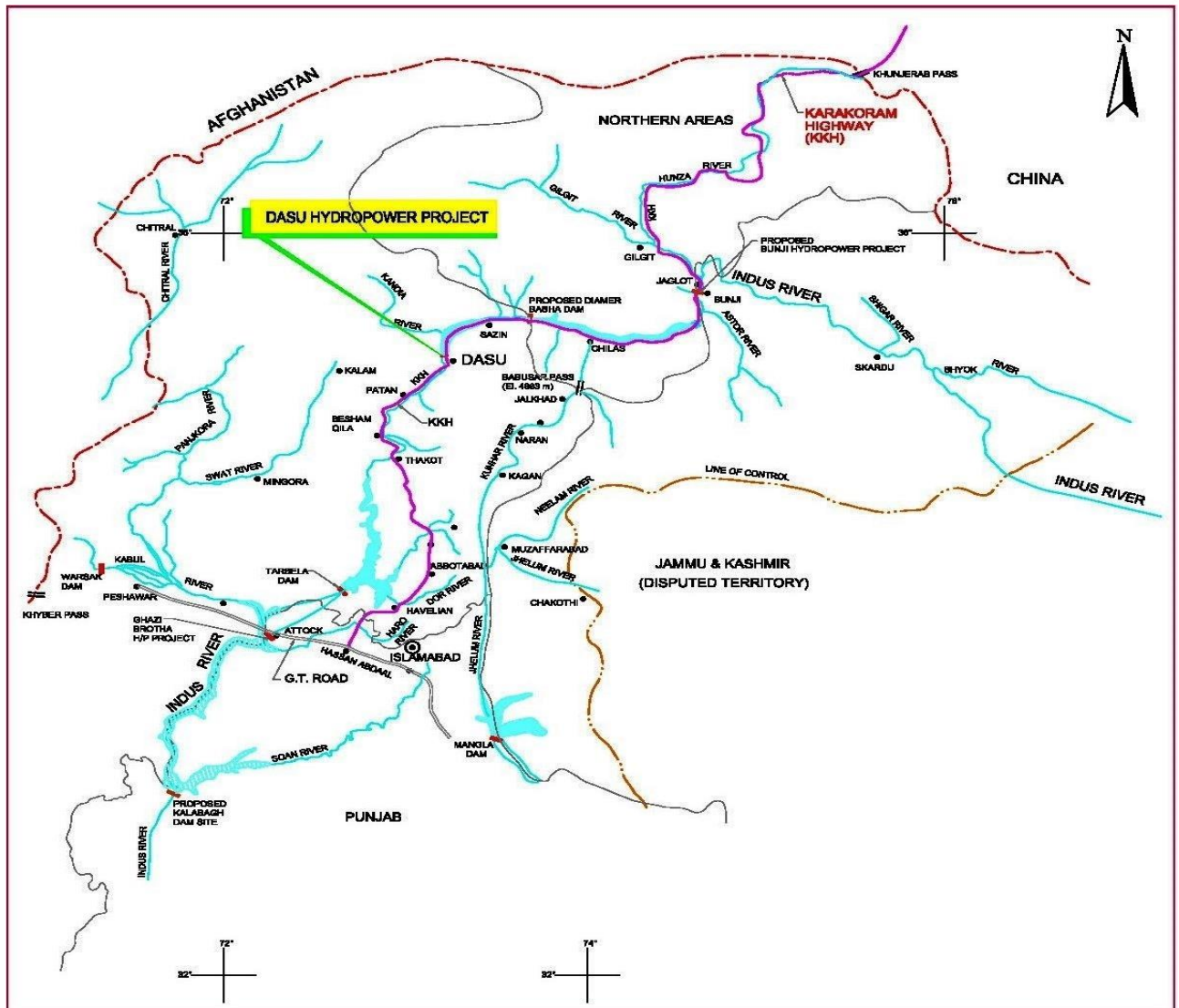
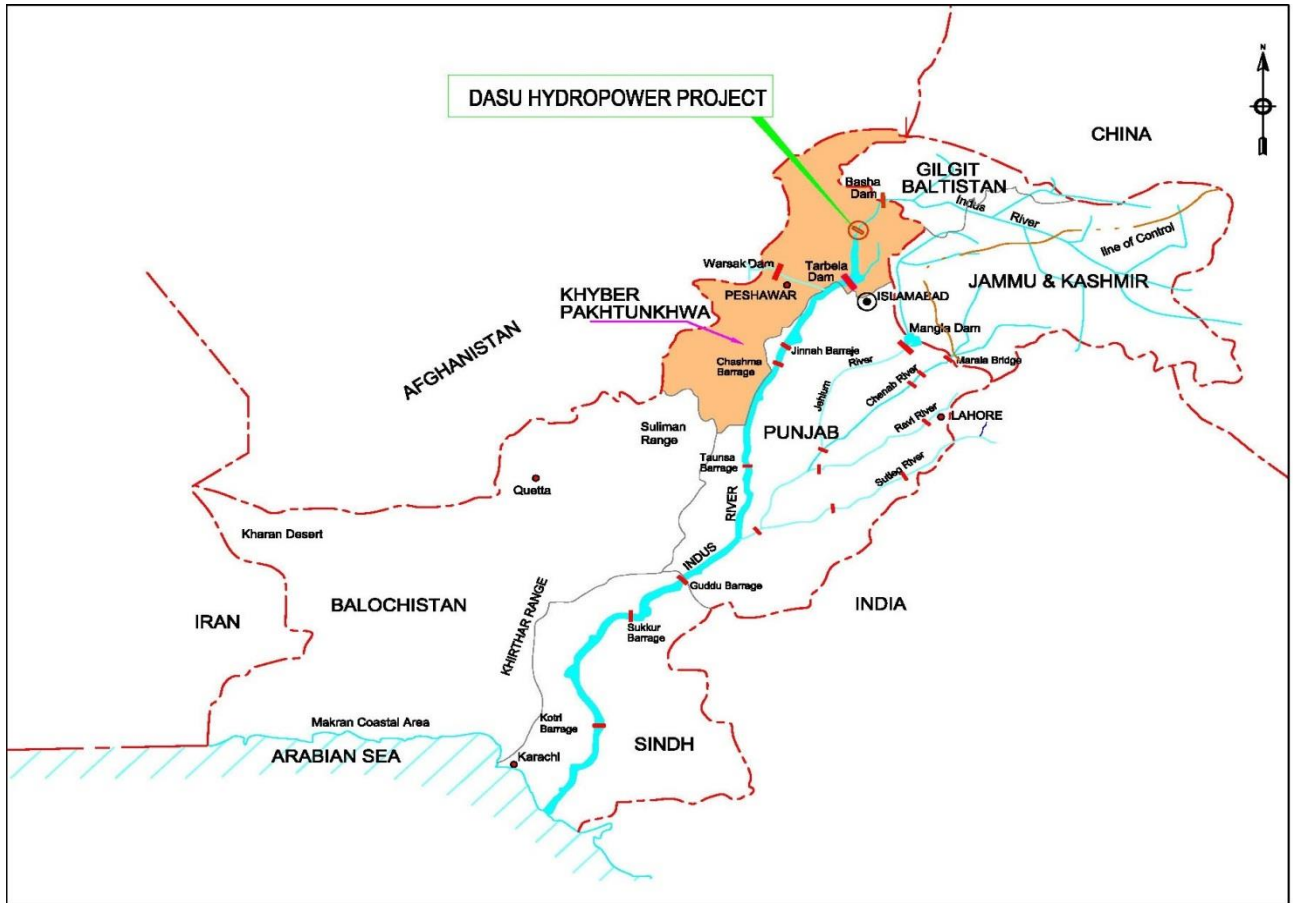
Dasu Hydropower Consultants (DHC)

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With Sub-Consultants





ABBREVIATIONS

AC	Assistant Commissioner
ACE	Associated Consulting Engineers
BER	Bid Evaluation Report
BHU	Basic Health Unit
BOQ	Bill of Quantities
CAR	Contractor's All Risks
CBGT	Capacity Building through Gender Training
CCC	Central Contract Cell
CCECC	China Civil Engineering Construction Corporation
CDA	Contract Discussion Agenda
CDP	Cut of Delivery Point
CEAP	Construction Environment Action Plan
CGGC	China Ghezouba Group Company
CIDA	Canadian International Development Agency
CMTL	Central Material Testing Laboratory
CPM	Contractor's Plant and Machinery
CRE	Chief Resident Engineer
CRFG	China Railway First Group
CRM	Conflict Resolution Management
CSC	Construction Supervision Consultants
CSG	Cement, Sand and Gravel
CSMS	Country Survey and Mapping Services
CVC	Conventional Concrete
CWG	Core Working Group
DC	Deputy Commissioner
DEO	District Education Officer
DFO	District Forest Officer
DHC	Dasu Hydropower Consultants
DHO	District Health Officer
DHPP	Dasu Hydropower Project
DHQ	District Head Quarter
DHSWG	District Health Strategy Working Group
DO	District Officer
DPD	Dy. Project Director
EA	Environmental Assessment
EAR	Erection All Risks
ECNEC	Executive Committee of National Economic Council
ECPs	Environmental Code of Practices
EDMI	Electronic Distance Measuring Instrument
EHS	Environmental Health and Safety
EM	Electro Mechanical
EMP	Environmental Management Plan
EOI	Expression of Interest
ESA	Environment and Social Assessment
F&PD	Finance and Planning Department
FGD	Focus Group Discussion
FWO	Frontier Works Organization
G&CH	Gender & Community Health

GIP	Gender Implementation Plan
GIS	Geographic Information System
GLP	General Layout Plan
GOP	Government of Pakistan
GWC	Gender Core Work-Group
HHs	House Holds
HRS	Hydraulic Research Station
ICB	International Competitive Bidding
IDF	Intensity-Duration-Frequency
IPC	Interim Payment Certificate
IPOE	International Panel of Expert
KKH	Karakoram Highway
KPK	Khyber Pakhtunkhwa
LA&AU	Land Acquisition and Assessment Unit
LAA	Land Acquisition Act
LBRV	Left Bank Resettlement Villages
LLG	Local Leading Group
LLO	Low Level Outlet
LWL	Low Water Level
MFO	Manager Field Operation
MIS	Management Information System
MO	Medical Officer
MONENCO	Montreal Engineering Company
NESPAK	National Engineering Services Pakistan
NHA	National Highway Authority
NOL	No Objection Letter
NTDC	National Transmission and Dispatch Company
OHS	Occupational Health & Safety
PAC	Price Assessment Committee
PAP	Project Affected People
PCCC	Power Construction Corporation of China
PCI	Project Colony Infrastructure
PD	Project Director
PESCO	Peshawar Electricity Supply Company
PHIP	Public Health Implementation Plan
PMU	Project Management Unit
PPE	Personal Protection Equipment
PQ	Prequalification
PST	Provisional Sales Tax
RAP	Resettlement Action Plan
RAR	Right Bank Access Road
RCC	Roller Compacted Concrete
RCPB	Resettlement Compensation Passbook
RHCs	Rural Health Centres
RHSA	Rural Health Services Area
RMR	Rock Mass Rating
ROW	Right of Way
S&R	Social and Resettlement
SA	Social Assessment
SAP	Social Action Plan

SBS	Sustainable Business Solution
SCF	Safety Check Flood
SDO	Sub Divisional Officer
SIA	Social Impact Assessment
SMBR	Senior Member Board of Revenue
SRSP	Sarhad Rural Support Program
SRU	Social & Resettlement Unit
TL	Transmission Line
TMP	Trial Mix Programme
TOR	Terms of Reference
VO	Variation Order
VTC	Vocational Training Centre
W&SD	Works and Services Department
WAPDA	Water and Power Development Authority
WB	World Bank
WCAP	Water Sector Capacity Building and Advisory Services Project
WMSC	WAPDA Model Study Cell
WVCs	Women Village Committees
XEN	Executive Engineer

Salient Features of the Project

Item	Features
- Catchment Area at Dam Site	158,800 km ²
- Average Discharge at Dam Site	2,102 m ³ /s
- Safety Check Flood (SCF) Pre-Basha	51,957 m ³ /s
- Basic Design Flood (BDF) Pre-Basha	24,932 m ³ /s
Reservoir	
- Gross Storage Capacity (El.950m)	1.41x 10 ⁹ m ³
- Operational Storage Capacity	0.82x 10 ⁹ m ³
Water Level	
- Flood Water Level under SCF	EL. 959.46 m
- Flood Water Level under BDF	EL. 951.28 m
- Full Supply Level (FSL)	EL. 950.00 m
- Low Water Level (LWL)	EL. 900.00 m
Diversion Tunnel (revised)	
- No. and Shape	2 No, D-shape
- Size and Lining	20 m (W) x 23 m (H), Invert concrete and shotcrete lined
- Length	Tunnel-A: 1,508 m, Tunnel-B: 1,333 m
Main Dam	
- Location	N = 35°19'6.61" E = 73°11'41.33"
- Type	Gravity Dam, RCC type
- Maximum Height above Foundation	242 m
- Crest Elevation/Length (Curved)	EL. 957.0 m/570.0 m
- RCC Volume	4.08 x 10 ⁶ m ³
Spillway	
- Number of Bays	8
- Spillway Gates	Radial, 16.5 m (W) x 22.4 m (H)
- Spillway Stoplog	1 No. (Slide, 16.5 m (W) x 22.0 m (H) with gantry crane)
- Maximum Discharge Capacity under SCF	45,097 m ³ /s
- Plunge Pool	162.26 m from dam toe
Low Level Outlet	
- Number and Size	9 No. (Circular, 6.4 m diameter, L=180.233 m)
- Type and Size of Gates	Maintenance gates: fixed wheel, 8.4 m (W) x 8.4 m (H) Guard gates: fixed wheel, 5.1 m (W) x 6.4 m (H) Regulating gates: Radial, 5.1 m (W) x 6.4 m (H)
- Discharge Capacity under SCF	12,157 m ³ /s by 9-LLO at El.955.67 m 2,756 m ³ /s by 2-LLO at El.959.46 m
Flushing Tunnel	
- Number and Size	2 No. (Circular, 9.5 m diameter, L = 820 m / 680 m)
- Type and Size of Gates	Stop logs: 4.75 m (W) x 9.5 m (H) Guard/Regulating gates: Roller, 4.0 m (W) x 9.5 m (H)
- Discharge Capacity under free flow	1,060 m ³ /s per tunnel
Power Intake	
- Number and Shape	5 No, D=12 m, Flatbed type (1 No. for Future Extension)
- Removable Trash rack	4 sets
- Intake service gates	2 No, fixed wheel, 9.5 m (W) x 12.5 m (H) (finally 4 No.)
- Intake maintenance stop log	2 No, slide, 9.5 m (W) x 12.5 m (H)

Item	Features
- Intake gantry crane	1 No, for operation of stop logs and trash racks
Power Tunnel	
- Number and Shape	2 No, circular (After complete Stage II: 4no)
- Size and Lining	D=12 m, concrete lined
- Steel manifolds and branch pies	4 No, D=12.5 m to 5.5 m
- Average Length incl. shaft	450 m
Power Generation	
- Installed Capacity	2,160 MW (after completion of Stage II: 4,320 MW)
- Generating Units	6 No (after completion of Stage II: 12 No), Francis turbines
- Generating Unit Capacity	360 MW, 166.7 rpm
- Powerhouse Location	Underground, left bank
- Powerhouse Cavern L x W x H	212 m (424 m) x 31 m x 62 m
- Transformer Cavern L x W x H	212 m (424 m) x 22 m x 33.5 m
- Maximum Gross Head under 12-unit operation	187.17 m
- Design Head	179.51 m
- Rated Discharge	1,335 m ³ /s for 6 units, 2,670 m ³ /s for 12 units
- Rated Voltage	16.5 kV
- Annual Energy Production Pre-Basha	12,225 GWh (18,432 GWh)
- Plant Factor	49%
Tailrace Tunnel	
- Number and shape	2 No (after completion of Stage II 4 No), D-shaped
- Size and lining	10 m (W) x12.5 m (H) concrete lined
- Discharge per Tunnel	667.5 m ³ /s
- Average Length	2,152 m incl. draft tunnel
- Surge Chamber	2 No (after completion of Stage II: 4 No), D=37 m, H=56 m
- Surge Chamber Stop logs	4 No slide, 6.2 m (W) x 7.8 m (H) with gantry crane
- Tailrace Outlet Gates	4 No (after completion of Stage II: 8 No) fixed wheel, 9.0 m (W) x 8.0 m (H)
Tail Water Level	
- Flood Water Level under SCF	EL. 778.39 m
- Tail water level under 12-unit operation	EL. 762.83 m
- Tail water level under 3-unit operation	EL. 759.24 m
Power Transmission	
- Transmission Voltage	765 kV (AC)
- Powerhouse Substation	765 kV GIS, Underground
- Take-off Switchyard	765 kV AIS, Surface
Relocation of Karakoram Highway (KKH)	62 km
Right Bank Access road from Komila to Uttar Gah Via Dam Crest	81 km
Major Project Roads	
- Access to Left Abutment of Dam Crest from Relocated KKH via Switchyard	2.4 km

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1 EXECUTIVE SUMMARY

This Monthly Progress Report (MPR) for the Consultancy Services for Dasu Hydropower Project (hereinafter called as the Project) describes the Consultants activities carried out during the reporting month.

1.1 Major Events

- (1) An on-line meeting was held with the World Bank Team during the reporting month. The meeting was held to discuss the progress and issues of under construction resettlement sites as well as complaints regarding ESMR Package. Following members participated in the meeting.
 - (i) Mr. Imran-ul Haq (Senior Social Development Specialist – World Bank)
 - (ii) Mr. Ahmad Imran Aslam (Senior Environment Specialist – World Bank)
 - (iii) Mr. Khalid Khan Judoon, Director General Social Safeguards, DHPP – WAPDA Dasu
 - (iv) Mr. Ijaz Ahmad, Director S&R, SRU-WAPDA, Dasu
 - (v) Mr. Shahid Mir, Advisor LADP, DHPP – WAPDA Dasu
- (2) Meetings were held with the WAPDA Advisor (Projects) and all Contractors in WAPDA Site Dasu from 12th to 14th May 2023 to review the project issues, bottlenecks, and work progress.
- (3) The Board of Management (BOM) visited the site on 30th May 2023. Progress and issues were discussed during the meetings.
- (4) During the month of May 2023, an amount of PKR 307,656,618/- was paid as compensation payment to 146 PAPs of 08 components. A total of 216 cheques were issued by DC office during the month of May 2023.

During the data verification process carried out in April 2023, three duplicate cheques for the total amount of PKR 25,891,340/- were removed from database after cross-checking with Qabzul Wasool and the amounts were corrected.

By the month of May 2023, a total amount of PKR 19.79 billion was paid, including PKR 19.457 billion to 8,109 PAPs through 11,998 cheques and PKR 245.240 million deposited to court for disputed cases. While PKR 27.717 million and PKR 65.598 million paid directly to FWO and PTDC respectively.

- (5) Faculty and students of the final year of UET Taxila visited the site on 17th May 2023, they were briefed on the site.

1.2 Procurement Status

The Procurement Status of Contracts for Preparatory Works, Resettlement Works and Main Works is summarized as follows: -

The following table presents the Procurement/Award Status for the Preparatory and Main Work's Contracts.

Table 1.1: Procurement Status of Preparatory and Main Works Contracts

Sr. No.	Contract No.	Date of Award	Date of Signing	Commencement Date	Original Completion Date	Name of Contractor
1	MW-01: Main Hydraulic Structure, Spillway, Low-Level Outlets, River Diversion, and Hydraulic Steel Structures	29.12.2016	08.03.2017	23.06.2017	22-1-2023	China Ghezouba Group Company Limited (CGGC)s
2	MW-02: Under Ground Power Complex, Tunnels and Hydraulic Steel Structure	29.12.2016	08.03.2017	23.06.2017	21-2-2023	China Ghezouba Group Company Limited (CGGC)
3	EM-01: Procurement of Plant Design, Supply, Installation, Testing & Commissioning of Hydro-Mechanical and Electrical Equipment	22.10.2019	25.11.2019	20.5.2020	19-6-2025	G.E. Hydro China Co. Ltd. & Power China Zhongmei Engineering Corporation Ltd. Joint Venture (GE-PC JV)
4	KKH-01: Relocation of Karakoram Highway from KM 0+000 to 25+200	09.02.2015	16.03.2015	24.08.2015	20-2-2017	China Civil Engineering Construction Company (CCECC)
5	RAR-01: Construction of Right Bank Access Road from Komila to SEO Dam Site	09.02.2015	16.03.2015	24.08.2015	22-8-2016	China Civil Engineering Construction Company (CCECC)
6	TL-01: Procurement, Design, Supply, Installation, Testing & Commissioning of 132 kV Single Circuit Transmission Line and Grid Station (From Switchyard Dubair Khwar to proposed Grid Station Dasu)	03.03.2015	24.04.2015	02.11.2015	18-6-2016	Power China Corporation Company (PCCC)
7	Resettlement of Villages Left Bank of Indus River LBRV-11	27.02.2017	20.04.2017	26.12.2018	25-12-2019	Zhongmei Engineering Group Limited
8	Resettlement of Villages Left Bank of Indus River LBRV-12	27.02.2017	20.04.2017	26.12.2018	25-12-2019	Zhongmei Engineering Group Limited

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Sr. No.	Contract No.	Date of Award	Date of Signing	Commencement Date	Original Completion Date	Name of Contractor
9	RAR-02: Construction of Right Bank Access Road from Dam Site to Uttar Gah	22.06.2016	18.01.2017	20.12.2021	18-5-2023	China Ghezouba Group Company Limited (CGGC)
10	KKH-02: Relocation of Karakoram Highway from KM 25+200 to 62+213	27.02.2017	25.04.2017	Commencement Letter not yet issued/ Land Issue		China Ghezouba Group Company Limited (CGGC)
11	Right Bank of Indus River RBRV-11	27.02.2017	25.04.2017	Commencement Letter not yet issued/ Land Issue		China Railway 17 th Bureau Group Co. Ltd. (CR17B)
12	PCI-01R: Project Colony & Infrastructure (Rebid)	27.08.2017	18.10.2018	20.5.2019	17-5-2021	China Gansu International Corporation for Economic and Technical Cooperation (CGICOP)
13	RV: Resettlement of Village Choochang & Construction of Shatial Museum (Re-Bid)	23.04.2019	18.06.2019	18.06.2019	15-12-2020 & 16-10-2019	Khyber Grace (Pvt.) Limited (KGL)

(1) The Contracts DASU-PCI-01R and DASU-RV were terminated due to a breach of the Contracts by the Contractor M/s CRFG. Hence, both the Contracts were re-awarded.

The following table presents the current status of the procurement process for the Preparatory Contracts - to be awarded.

Table 1.2: Procurement Status of Preparatory Contracts to be Awarded

Sr. No.	Contracts Name	Specific Procurement Notice for Prequalification Application		Invitation for Bid (IFB)	Pre-Bid Meeting	Final Bid Submission/ Opening Date
		Opening	Closing			
1	RAR-03: Construction of Right Bank Access Road from Uttar Gah to Shatial	Revised draft PQ Documents were submitted to WAPDA on 10 th April 2017. Comments of CCC were received and after incorporating said comments the PQ documents were resubmitted to WAPDA on 31 st May 2017.				
2	PCI-02: Project Colony & Infrastructure	Revised Draft Bidding Documents were submitted to the Employer for review, comments, and further processing via CCC and the World Bank in Jan. 2018.				
3	Resettlement of Villages Left Bank of Indus River LBRV-13- Right Bank of Indus River RBRV-12	The Design Phase is subject to the agreement of the Design by the Local Affectees.				
4	Resettlement of Villages RV-01 & RV-02	RV-01 - Resettlement plan of one resettlement site has been finalized. It is yet to be decided to make it a part of another Contract package. RV-02 - The process of identifying/finalizing a suitable site location.				
5	TL-02: 11kV Distribution Line to Resettlement Villages	Under review to enable the procurement process to be handled by the Local Area Development Fund. The proposal on the Integration of Rural Electrification by 11kV DL was submitted on 9 th December 2016.				
6	VTC-01: Vocational Training Centers for Men and Women	Draft Bidding Documents already submitted to WAPDA. The location for establishing a VTC facility in Dasu is still under DC's review and its suitability including the provision of staff and skilled trainers is to be confirmed by MD KPK-TEVTA Peshawar already requested by the Employer via letter dated 19 th October 2020.				

2 PROJECT DESCRIPTION

The Project is located at 7 km North of Dasu village in the Kohistan District of the Khyber Pakhtunkhwa Province, and 350 km North from Islamabad, the capital city of Pakistan. The dam site is 74 km downstream from the Diamer Basha Dam site along the Indus River. The Dasu reservoir will be extended to just downstream of the Diamer Basha dam axis.

Pakistan is rich in natural resources including hydropower potential. However, only small portion of hydro potential (about 15%) has since been developed, but a large portion of the same is yet to be harnessed.

The Project was initially identified as a potential power project in the Ranking and Inventory Study in 1981 with financial assistance from the Canadian International Development Agency (CIDA). In this study, Montreal Engineering Company (MONENCO) was engaged to undertake the preparation of inventory and ranking study of the potential water storage and hydropower generation sites along the upper reaches of the Indus River and its tributary in the upstream of Tarbela Dam. MONENCO submitted the study report in 1982, in which they proposed 25 major potential sites on the main rivers, each having an installed capacity of more than 100 MW. Nine of these projects are located on Indus River and the Project was ranked second on the upper Indus River following the Diamer Basha Dam Project.

To cope with the increasing water and power demands of the country, WAPDA prepared "Water Resources and Hydropower Development - Vision 2025 Program", which was approved by the Government of the Pakistan (GOP) in 2001. This program envisaged exploitation of the potential water resources of Pakistan for irrigation, hydropower generation and water supply. The projects in program were planned to be phased over a period of twenty-five years as shown in following Table:

Table 2.1: Implementation of Vision 2025 Program

Project Category	Period of Implementation	Phase
Short Term Project	2001-2006	I
Medium Term Project	2006-2011	II
Long Term Project	2011-2025	III

The Project is included in Phase III of the Vision 2025.

The GOP approved PC-II of the Project in 2003 for 1) feasibility study and 2) detailed engineering design and tender documents. The feasibility study of the Project (the Feasibility Study) was prepared by the Consultants comprising a joint venture of NESPAK, ACE, COLENCO and MWH in association with Binnie and Partners (Overseas) and completed in February 2009.

The detailed design work started from September 2011 and substantially drafted up in the beginning of 2013 and finalized in July 2014 after incorporating comments received from relevant departments of WAPDA and Panel of Experts. When the detailed design was substantially completed in February 2013, the implementation of the Project was formulated with four-phased development as follows:

- **Stage-I**
 - **Phase-1:**
Construction of the dam with full height including whole gate facilities for such as spillway, Low Level Outlet (LLO) and flushing tunnels; full construction of power intake; one waterway tunnel until the tailrace outlet; underground powerhouse complex for 3-unit generating equipment; control building with 1 bay of transmission line at switchyard.
 - **Phase-2:**
Second waterway tunnel until the tailrace outlet; underground powerhouse complex for another 3-unit generating equipment; 1 bay of transmission line at switchyard.
- **Stage-II**
 - **Phase-3:**
Third waterway tunnel until the tailrace outlet; underground powerhouse complex for another 3-units generating equipment; 1 bay of transmission line at switchyard.
 - **Phase-4:**
Fourth waterway tunnel until the tailrace outlet; underground powerhouse complex for another 3-unit generating equipment; 1 bay of transmission line at switchyard.

However, through the discussion among the relevant authorities of GoP, **WAPDA decided to develop the Dasu Project with two stages: Stage-I comprising Phase-1 and Phase-2 implemented simultaneously and Stage-II being of Phase-3 and Phase-4.** This stage-wise development was stated in PC-I Document, which was approved by ECNEC in March 2014.

Structural components for each stage are shown in the following Table:

Table 2.2: Structural Components for Each Stage

Facilities	Description	Stage I	Stage II
Dam	242m high dam 8 spillways with gates 9 LLO with gates 2 flushing tunnels with gates	Completion of all facilities listed in Description of Dam	
Power Intake & Tunnel	5 intake and shafts with 5 gates. 4 Power tunnel	5 intake and shafts with 2 gates 2 power tunnels	Another 2 gates 2 power tunnels
Underground Powerhouse Complex	Cavern for 12-unit GE space and installation of 12 GE units Cavern for 12-unit GIS space and installation of 12 GIS units 4 surge chambers 4 tailrace tunnels incl. these outlets. 4 bays with Control Building	Cavern for 7-unit GE space and installation of 6 GE units Cavern for 7-unit GIS space and installation of 6 GIS units two surge chambers Two tailrace tunnels incl. these outlets. two bays with Control Building	Cavern for 5-Unit GE space and installation of 6 GE units Cavern for 5-unit GIS space and installation of 6 GIS units two surge chambers, two tailrace tunnels two bays
T/L	765 kV T/L, 2 lines, double circuit	765kV 2-line, double circuit	
Installed Capacity	4,320 MW	2,160 MW	2,160 MW
Energy Production		12,225 GWh/year	18,432 GWh/year

The following preparatory works are required to be completed before the start of Stage-I as listed in above table:

- Relocation of KKH (62 km)
- Construction of Right Bank Access Road (81 km)
- Construction of WAPDA O & M Staff Colony
- Construction of 132 kV Transmission Line from Dubair to Dasu Town Grid Station
- Resettlement and environment mitigation measures
- Dismantling of bridges over Indus River.

The project layout plan and implementation schedule are shown in Figures-1 and 2 respectively.

3 CONSTRUCTION SUPERVISION CONSULTANTS ACTIVITY

3.1 Contract for the Consultancy Services

The Contract for Consultancy Services for preparation and implementation of Dasu Hydropower Project under Sub Component B4 of WCAP of World Bank was awarded by WAPDA to the Dasu Hydropower Consultants (DHC) consisting of the Joint Venture of Nippon Koei Co., Ltd. (NK, Japan) (Lead Firm) and Dolsar Engineering Inc. Co. (Dolsar, Turkey), Development & Management Consultants (DMC, Pakistan), National Development Consultants (Pvt.) Ltd. (NDC, Pakistan) and Pakistan Engineering Services (Pvt.) Ltd. (PES, Pakistan) as Sub Consultants.

The Contract agreement between WAPDA and the Consultants was signed on 19th September 2011 under contract number DHP-CSA01.

General Manager Dasu Hydropower Project of WAPDA is the representative of the client and is responsible to coordinate all interfaces with the relevant departments of WAPDA. The Project Manager Dasu Hydropower Consultants is the contact person of the Consultants team.

The Consultants have established site office and hostels for their staff at Dasu for execution of various construction activities including Social & Environmental Program.

Presently the main activities under Consultants obligations are Construction Supervision of ongoing Contracts.

Five Amendments agreed up to are summarized below.

Amendment No.	Reason
1.	- Execution of additional study and field investigations so as to satisfy the design conditions under Pre-Basha status, IPOE's comments and the Bank's requirements. - Provision of Extension of Time (4 months) to manage delayed bidding procedure (Assignment-A)
2.	- Updating and adjusting the manning schedule and associated cost before starting of supervision stage (Assignment-B)
3.	- Application of PST (Provincial Sales Tax) that has been introduced during execution of consultancy services
4 (A)	- Updating and adjusting of remuneration and reimbursable cost
4 (OHS)	- Inclusion of new Sub-Consultants for Occupational Health & Safety (OHS) Services
4 (B)	- Time extension, updating and revision of implementation schedule and associated cost

The organization chart of the Consultants is presented in Figure-3 to comply with the work activities under Assignment-B.

3.2 Objectives and Scope of Work

The objectives and scope of the Consultancy Services specified in the Terms of Reference (TOR) are as follows:

3.2.1 Objectives

The main objective of the proposed consultancy services is to support Water and Power Development Authority (WAPDA) in project preparation studies including

- **Assignment-A:** Preparation of Detailed Engineering Designs, Bidding Documents and PC-I including engineering, economic, environmental and social studies and
- **Assignment-B:** Contract Management and Construction Supervision of all works and activities included under the Dasu Hydropower Project.

These works will be carried out according to International Standards, which will form the basis for project appraisal by the World Bank and the Government of Pakistan.

3.2.2 Scope of the Services

As noted above the objectives of the Consultants are divided into two assignments (Assignment-A and Assignment-B). Assignment-A covers the preparation of detailed engineering design, bidding documents, PC-I and support to the client during tendering and Assignment-B for contract management and support to the Client during construction supervision.

The original Scope of Services for Assignment B: Contract Management and Support to the Client during Construction Supervision was revised during the Assignment A, based on WAPDA's and the World Banks requirements for implementation and combining both Services for Phase-1 and Phase-2, which is called Stage-I. The Revised Scope of Services for Assignment B is as follows:

- i. Tendering, contracting and preparation of construction design.
- ii. Supervision of investigations including hydraulic model tests and RCC trial mix tests in succession of Assignment- A.
- iii. Support to the Client during tendering and evaluation of bids for Stage-I; preparation of prequalification documents, evaluation of EOI application and prequalification notices, attendance of pre-bid conference, assisting WAPDA for replies of question and issuance of addendum if required; evaluation of bids and negotiation and award of the Contract.
- iv. Assignment as “The Engineer” for work contracts for approval of drawings and role of the “Engineer”.
- v. Construction supervision for Stage-I; monitoring of work progress and payment progress; review and approval of construction methods & schedules to be prepared by the contractors.
- vi. Project management for Stage-I, and support in implementation of EA/EMAP, SA/SAP, procurement and financial management.
- vii. Review and approval of the contractors environmental management action plans, supervision of implementation of EMAP, review of EMAP and update the EMAP if required, regularly reviewing and assessing environmental risks throughout the construction phase, training of WAPDA’s environmental staff for effective environmental management at site.
- viii. Preparation of monthly and quarterly progress reports for submission to WAPDA, and the World Bank.
- ix. Preparation of Tender documents of Stage-II: support to the Client during preparation of bidding documents, replies to questions, issuance of addendum if required, evaluation of bids, negotiation and award of Contract.

3.2.3 Reports and Documents

The Consultants are required to prepare reports in English and provide copies of the reports to the Government and the World Bank as mentioned in the following Table:

Table 3.1: List of Reports and Documents to be provided

Sr. No.	Assignment B	Numbers of Copy
1.	Progress Reports including Monthly and Quarterly Reports	10
2.	Detailed Engineering Design Report consisting of a Report for Design of the Project works, Definition of the Project, Cost Estimates, Economic and Financial, Environmental and Social Analysis, Implementation Plan etc.	50
3.	Bidding Documents: Bidding Documents for all Civil Works, Hydraulic, Electrical and Mechanical equipment, BOQs, Tender Cost Estimates and Technical Specification for each lot separately.	50
4.	Engineers Estimate for each Lot Separately	5
5.	Contractors Pre-qualification Document for each Lot Separately	30
6.	Contractors Pre-qualification Evaluation Report for each Lot Separately	As required
7.	Contractors Bids Evaluation Report for each Lot Separately	As required
8.	Construction reports, quarterly reports, annual work plans	10
9.	Project implementation status reports quarterly, annual	10
10.	Implementation status report for EMP, SAP, RAP and work plans etc. on regular basis	10
11.	Minutes of Weekly/bimonthly/monthly meetings held with Contractors	10
12.	Correction/Amendment in Drawing submitted by Contractor	10
13.	Operation Manual for M&E Equipment	10
14.	Operation Manual for Civil Structures	10
15.	Operation Manual for Gates and Hydraulic Steel Structures	10
16.	Completion Reports	10
17.	Initial Inspection Report before start of Operation	10
18.	Initial Inspection Report after four months of Operation	10
19.	Testing Report at M&E Manufacturers premises	10

3.2.4 Commencement of the Services

Assignment – A

The Consultants commenced the Services with effect from 19th September 2011 at the same time when the Contract was signed. The services for Assignment-A were completed on 31st July 2014.

Assignment – B

The work on the Assignment-B has been initiated with effect from 1st August 2014. The Overall progress for Assignment B is shown in Figure-4.

3.3 Staffing Status

Summary of Man Months for Assignment-B is summarized in the following Table:

Table 3.2: Summary of the DHC Staff MMs

Members (1)	MMs as per Approved AM-4 (B) (2)	MMs Consumed up to previous month (3)	MMs Consumed during the month (4)	Accumulated MMs (5)=[3+4]
NK	1,203.37	922.41	14.82	937.23
Dolsar	520.48	389.84	7.84	397.68
Locals	9,024.66	6,220.78	102.04	6,322.82

Details of Technical and Non-Technical Staff in Lahore and Site Office are shown in the following Table:

Table 3.3: Total DHC Staffing on the Project

Sr. No.	Place of Work	Technical Staff		Non-technical Staff	Total Staff
		Expatriate	Local		
1	Lahore Office	-	1	24	25
2	Head Office Dasu	23	112	247	382
Grand Total					407

The man-month status of each of the Consultants Staff is summarized in Appendix B

Table 3.4: Arrival of DHC Expatriates at Project

Sr. No.	Name of Staff	Position/Designation	Date of Arrival/Joining	Firm
1	Mr. Batuhan Ozdemir	Resident Engineer Road Tunnel for KKH-01 & KKH-02	02 nd May, 2023	Dolsar
2	Mr. Ali Murat Ozbek	Construction Technical Advisor	05 th May, 2023	NK
3	Mr. Selcuk Genc	Assistant Design Engineer	05 th May, 2023	Dolsar
4	Mr. Naim Karaman	Deputy Project Manager C, QA/QC Manager	07 th May, 2023	Dolsar
5	Mr. Yoshiaki Samejima	Chief Design Engineer (Powerhouse)	08 th May, 2023	NK
6	Mr. Juan Carlos Hernandez	Schedule & Analysis Specialist	15 th May, 2023	Dolsar
7	Mr. Serkan Harmandar	Tunnel Design Review Engineer KKH-01	25 th May, 2023	NK
8	Mr. John Gordon Allan	Head of Contracts	31 st May, 2023	NK

Table 3.5: Departure of DHC Expatriates from Project

Sr. No.	Name of Staff	Position/Designation	Date of Departure	Firm
1.	Mr. Serkan Harmandar	Tunnel Design Review Engineer KKH-01	07 th May, 2023	Dolsar
2.	Mr. John Gordon Allan	Head of Contracts	09 th May, 2023	NK
3.	Mr. Erkan Bozkurt	Construction Technical Advisor	20 th May, 2023	Dolsar
4.	Mr. Michiya Nagura	Traffic Expert	27 th May, 2023	NK

Table 3.6: Mobilization of DHC Local Technical Staff at Project

Sr. No.	Name of Staff	Position/Designation	Date of Joining	Firm
1.	-	-	-	-

Table 3.7: Demobilization of DHC Local Technical Staff from Project

Sr. No.	Name of Staff	Position/Designation	Date of Demobilization	Firm
1.	Mr. Imran Hanif	Sr. Site Engineer Roads	18 th May, 2023	NDC

3.4 Major Activities of Construction Supervision Consultants

3.4.1 Construction Supervision

The Consultants are currently undertaking Construction Supervision Service on the followings Contract Packages:

- i. Dasu-KKH-01
- ii. Dasu-KKH-02`
- iii. Dasu-RAR-01
- iv. Dasu-RAR-02
- v. Dasu-TL-01
- vi. Dasu-MW-01
- vii. Dasu-MW-02
- viii. Dasu-LBRV-11
- ix. Dasu-LBRV-12
- x. Dasu-PCI-01R
- xi. Dasu-RV
- xii. Dasu-EM-01

Details of the progress and activities of the above Contract packages during the month are discussed in Chapter 4 - Construction Activities.

Reports submitted during the month under report to WAPDA for review and comments are listed in Appendix-C.

3.4.2 Procurement, Contract Administration and Measurement

The primary responsibilities of the Contracts Section are to assist the PMU and DHC Management in the Procurement (Pre-Qualification, Tendering and Evaluation) Phase of the Project Construction Works, administer the signed Contracts, and to provide contractual and management related advice to the Resident Engineers and Site operatives.

The Consultants continue to provide Contract Administration and Quantity Surveying Staff to support the Site activities for the signed Contracts. Details of the interim payment certificates, claims/notifications, and varied works are given in Appendices G, H, and I.

For a variety of reasons, completion of the Works within the Time for Completion specified in the Dasu-KKH-01, Dasu-RAR-01, Dasu-TL-01, LBRV-11, LBRV-12, DASU-RV and PCI-01R Contracts has not been possible and the dates indicated within these Contracts have passed. Therefore, for programming and management and to avoid the Contracts being at large, the Consultant has determined the 1st, 2nd and 3rd interim Extension of Time for Dasu-KKH-01, Dasu-RAR-01 and Dasu-TL-01, the 1st interim Extension of time of LBRV-11, LBRV-12 which were approved by the Employer and World Bank (except KKH-01). The 1st EOT case for the Contract DASU-RV has also been processed and approved by the Project Manager.

However, as the delaying events have a continuing effect, and the revised Times' for Completion have expired for aforesaid Contracts. Therefore, approval of the further interim Extension of Time for KKH-01 and 4th EOT for TL-01 & RAR-01, and 1st EOT for PCI-01R is under process.

The Engineer/Project Manager continues to hold regular consultation meetings with the Contractors to process their Claims and achieve equitable settlements.

Particular tasks completed in this month relate to:

a) Contract ICB No. Dasu-MW-01 & DASU-MW-02

- The Engineer asked the Contractor's for extension of Advance Payment Bank Guarantees. [MW-01 & MW-02]
- The Engineer certified the Interim payment Certificate IPC No.37. [MW-01 & MW-02]
- The Engineer forwarded the Contractor's Claim for COVID-19 - Draft Referral to the Dispute Board to the Employer. [MW-01]
- The Engineer forwarded the Contractor's request for requirement of an NOC before production of armored vehicles for the Supplier (Toyota Sahara Motors) for Enhancement of Security of Expatriates to the Employer. [MW-01 & MW-02]
- The Engineer served plausible Justification for Issuance of Contractor's Interim Payment Certificate No # 37 to the Employer. [MW-01]
- The Engineer simultaneously issued Claim No. 1 - Engineer's Principle Response to Disruption Costs to the Contractor and the Employer. [MW-01 & MW-02]
- Engineer recorded disagreement between both parties against Interim Claim No. 1 - Claim No. MW-02/C-07 & MW-01/C-09, Additional Cost due Change in Legislation. [MW-01 & 02]
- The Engineer asked clarification against Contractor's standard travel expense during Third-Party Test Process. [MW-01 & MW-02]
- The Engineer served clarification to the Contractor's on Non-adjustable Portion of the Contract Price. [MW-01 & MW-02]
- The Engineer negated the Contractor's plea against Interference on Access Road to Switchyard Area. [MW-02]
- The Engineer suggested a way forward to the Employer on current status of CAR and Third Party Insurance Policies (TPIP) regarding finalization of Cover Note with PICC prior to Extension of CAR & TPIP. [MW-01 & MW-02]
- The Engineer provided comments on Cover Note for Extension of CAR Third Party Insurance Policies for the Contractor. [MW-01 & MW-02]
- The Engineer again provided comments on Cover Note for Extension of CAR Third Party Insurance Policies, inquired current status of CAR, and intended the implications in case of non-renewal for the Contractor. [MW-01 & MW-02]

- The Engineer negated the Contractor's plea against report on forced suspension of construction work of some parts. [MW-01 & MW-02]
 - The Engineer issued reminded regarding the Contractor's request for requirement of an NOC before production of armored vehicles for the Supplier (Toyota Sahara Motors) for Enhancement of Security of Expatriates to the Employer. [MW-01 & MW-02]
 - The Engineer shared the summary of recent proceedings regarding status of Cover Note for Extension of CAR Third Party Insurance Policies. [MW-01 & MW-02]
 - The Engineer certified the Interim payment Certificate IPC No.38. [MW-01 & MW-02]
 - The Engineer served plausible Justification for Issuance of Contractor's Interim Payment Certificate No # 38 to the Employer. [MW-02]
 - The Engineer asked the Contractor for procurement of Security Enablers for residential camps/plazas/worksites. [MW-01 & MW-02]
 - The Engineer responded to grievances regarding Handover of Land at Kass Area.[MW-01]
 - The Engineer requested proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony. [MW-01]
 - The Engineer submitted Draft Employer's Position Paper for Dispute Board's Non-binding Opinion against Contractor's Claim C-13 Crushing & Batching Plant to Employer. [MW-01]
 - The Engineer asked the Contractor for the Payment of "Hire Charges for Helicopter Services". [MW-01]
 - The Engineer responded to the Contractor's Exploitation of Kaigah Quarry. [MW-01]
 - The Engineer negated the Contractor's plea against Stoppage of Work by Contractor's Personnel. [MW-01]
 - The Engineer submitted Contractor's Claim on KPST- Draft Referral to the Dispute Board to the Employer. [MW-01]
 - Engineer requested clarification from Employer on PESCO Billing for VO # 06. [MW-01]
 - The Engineer negated the Contractor's plea against Report on the Obstruction in Kass Area. [MW-01]
- b) Contract ICB No. Dasu-PCI-01R**
- The Engineer registered the Contractor's claim arose on account of "Flash flood on Uchar Nullah" and assigned a Unique Claim No. "PCI-01R/C-10" and "Stoppage of Work by Locals" with Claim No. "PCI-01R/C-11".
 - The Engineer responded upon approval of the 2nd draft of bidding documents for procurement of furniture by the Employer for Colony PCI-01R, Chochang and stated Issuance of NIT to be executed by the Employer.
 - The Engineer certified the Interim payment Certificate IPC No.40.
 - The Engineer asked the Contractor for Extension of WC prior to its expiry on 19th May 2023.
 - The Engineer addressed the comments of the Employer and submitted the 2nd draft of bidding documents for procurement of furniture for WAPDA Project office and Colony PCI-01R, Chochang to the Employer.
 - The Engineer asked the Contractor for procurement of Security Enablers for residential camps/plazas/worksites.
- c) Contract ICB No. DASU-PCI-02:**
- The Engineer addressed the comments and submitted the revised evaluation report (Revision-03) against "Pre-qualification of the Applicants" to the WAPDA.
 - The Engineer addressed the comments of 3C WAPDA & submitted it to employer regarding procurement of works, construction of project colony & Infrastructure (Dasu-PCI-02).
 - The Engineer addressed the comments of 3C WAPDA and submitted revised draft of PCI-02 (Revision-03) it to the employer regarding procurement of works, construction of project colony and Infrastructure (DASU-PCI-02).
- d) Contract ICB No. DASU-RAR-01:**
- The Engineer re-submitted to the Contractor, an Engineer's response on Contractor's Interim Costs Claim (Quantification) for On-site Management Overhead Costs during Extended Time (EOT No. 1 and EOT No. 2) upon addressing typing error.
 - The Engineer asked the Employer for correction regarding deduction of Tax on Cost Claim for Market Inflation in IPC No. 34.
 - The Engineer certified the Interim payment Certificate IPC No.36.

e) Contract ICB No. DASU-RAR-02:

- The Engineer again reminded the Contractor for submission of additional particulars required for evaluation of costs claim for extension of Bank Guarantees.
- The Engineer asked the Contractor for procurement of Security Enablers for residential camps/plazas/worksites.

f) Contract ICB No. TL-01

- The Project Manager (PM) requested proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony from the Contractor.
- The Project Manager requested the Employer regarding release of Contractor's Advance Payment Guarantee No. LG288021.500113 provided he had submitted the extended original Advance Payment Bank Guarantee.
- The Project Manager certified the Interim payment Certificate IPC No.68.
- The Project Manager submitted revised reply to Audit Observations to WAPDA.

g) Contract ICB No. EM-01

- The Project Manager requested clarification from the Employer on the Contractor's subject of "Interest on delayed payment under IPC No. 02".
- The Project Manager responded the Contractor to submit additional particular to support his claim under subject "Interest on delayed payment under IPC No. 02" and informed the Contractor regarding seeking clarification from the Employer in this regard.
- The Project Manager requested proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony from the Contractor.
- The Project Manager negated the Contractor's notice to claim against "ROW issue at EM-01 site Camp" under Claim No. EM-01/C-05.
- The Project Manager requested for provision of "Information and Document requested for Customs Clearance of Shipment No.2"
- PM approved Contractor's "Request for Consent to Subcontract Cooling Water Pumps".
- The Project Manager facilitated the Contractor to conduct meeting with the nominated focal person of Employer regarding outstanding taxes (WHT & ST).
- The Project Manager again requested clarification from the Employer on the Contractor's subject of "Interest on delayed payment under IPC No. 02" and deductions.
- The PM forwarded the requisite particulars on "Information and Document requested for Customs Clearance of Shipment No.2" to the Contractor upon fetching from the Employer.
- The Project Manager revised its analysis and submitted to the Employer under subject "Analysis of different options for Contract Price Adjustment" for further action.
- The Project Manager requested corrective action from the Employer on the Contractor's request of "IPC No. 05 – Reimbursement of import duties and taxes of shipment No.1".
- The Project Manager requested consultation from the Employer on the Contractor's request of "Personal expenses for attendance of Employer's Personal at FAT".
- The PM responded the Employer to devise a way forward in the light of Contractor's proposed solution in conjunction with the concerned offices after conducting Bi-Party meeting (Contractor & Employer's Team) regarding outstanding tax (WHT & ST) matters.
- The Project Manager requested additional attachments of Contractor's proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony.
- The Project Manager informed the Contractor of the approval that the Employer accorded for addition of M/s DSV Air and Sea Pakistan (SMC-PVT) Ltd in PSW Portal of WAPDA as clearing Agent of M/s GE-PC JV.

h) Contract ICB No. KKH-01

- The Engineer issued response to the Contractor on "Claim No. KKH-01/C-26/A - Inundation of KKH at Uchar Nullah".
- The Engineer requested proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony from the Contractor.
- The Engineer certified the Interim payment Certificate IPC No.32.
- The Engineer asked the Contractor for submission of updated status of CAR Insurance Policy No. 2596010092/2022 upon cancellation notice from M/s EFU Insurer.
- Engineer approved Contractor's requested for extension of time for submission of proposal for Design, Supply, Installation, Testing and Commissioning of solar System for colony.

- The Engineer issued response to the Contractor on “Raising of Uchar Camp levels and protection works” upon evaluation of rates on Base Dates.
 - The Engineer asked the Contractor for procurement of Security Enablers for residential camps/plazas/worksites.
- i) Contract ICB No. KKH-02**
- The Engineer requested explanation from Contractor under subject “Explanation pertaining to Payment of Accommodation Facilities for Security Personnel Army, FC and Police”.
 - The Engineer again reminded the Contractor for submission of additional particulars required for evaluation of costs claim for extension of Bank Guarantees.
 - The Engineer made submission upon Correction of Typo Errors in the Variation No. KKH-02/V0-02C to the Contractor.
 - The Engineer asked the Contractor for procurement of Security Enablers for residential camps/plazas/worksites.
- j) Contract ICB No. LBRV-11 & LBRV-12**
- The Engineer instructed the Contractor’s for completion of outstanding work at handing over Resettlement Sites of Contract [LBRV-11 & LBRV-12].
 - The Engineer schedule a meeting with the Contractor on Engineer’s Assessment on Contractor’s Price Adjustment Claim. [LBRV-11].
 - The Engineer submitted his response on the comments of 3C on Engineer’s Assessment of Contractor’s Management Cost Claim for extended Period (EOT-01). [LBRV-11 & 11].
 - The Engineer responded with the Contractor on Price Adjustment Claim after conducting online meeting. [LBRV-11].
 - The Engineer asked the Contractor to incorporate the certified amount against “Contractor’s Prolongation/Management Cost Claim on Account of Extension of Time (EOT-01) - An Interim Claim under Non-Possession of Site (LBRV-11/C-11)” in his forthcoming invoice. [LBRV-11 & LBRV-12].
- k) Contract ICB No. DASU RV**
- The Project Manager acknowledged and registered the Contractor’s claim due to Change in rate of Sales Tax from 17% to 18% under title "April/2023- Change in rate of Sales Tax from 17% to 18%" and assigned a unique Contract No. "RV/C-08".
 - The Project Manager responded the Contractor on “withheld amount due to non-submission of program pursuant to sub-clause 26.3 [PROGRAM]”
 - The Project Manager Certified the Interim payment certificate IPC No.15.

3.4.3 Road Section of KKHs and RARs (KKH-01, KKH-02, RAR-01, RAR-02)

The major DHC activities undertaken during this month:

A) KKH-01 Team

1) Major Activities

- Advisor Projects visited the site. Progress meeting carried out.
- Meeting/site inspections carried out to finalize design of Uchar Bridge.

2) Working / Shop Drawings

The following working drawings were submitted by the Contractor and the Engineer reviewed and replied, accordingly.

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
02-May-23	CCECC/DASU-KKH-01/Retaining wall Backfill/RFDA/243	submission of shop drawing for backfill behind retaining wall on khushee access road	5/2/2023	Approved As Noted
05-May-23	CCECC/DASU-KKH-01/DASU-02/RFDA/244	submission of work done drawing for DASU-02 Tunnel (K4+301 ~ K4+364) & (K4+440 ~ K4+490) & (K4+580 ~ K4+602.3)	5/16/2023	Approved As Noted
05-May-23	CCECC/DASU-KKH-01/LOGRO-A/RFDA/245	submission work done drawing for Logro-A Tunnel grade IV 1 st step (K9+437.5 ~ K9+450) 2 nd step Right side (K9+305 ~ K9+325 & K9+383 ~ K9+450) 2 nd step left side (K9+305 ~ K9+450) & grade III K9+450.000 ~ K9+503.5	5/16/2023	Approved As Noted
10-May-23	CCECC/DASU-KKH-01/DOGHA/RFDA/246	Submission Work Done Drawings of Dogha tunnel (23+635-K23+650)	5/20/2023	Approved As Noted
10-May-23	CCECC/DASU-KKH-01/Logro-B/RFDA/247	Submission Work Done Drawings for Logro-B tunnel (K11+880-K11+909.53)	5/20/2023	Approved As Noted
12-May-23	CCECC/DASU-KKH-01/R.Wall/RFDA/195R	Resubmission of detail shop Drawing for Retaining wall KKH-01 (K7+887.50 to K8+112.50 & K8+168.75 to K8+187.50)	5/17/2023	Approved As Noted
12-May-23	CCECC/DASU-KKH-01/Uchar-A/RFDA/002R	submission of shop drawings of Uchar-A tunnel Exit portal (K12+957.68 ~ K12+972.68)	5/12/2023	Approved
15-May-23	CCECC/DASU-KKH-01/Access Road/RFDA/247	Submission of Shop Drawing for the toe wall and stone pitching on slope at K0+715.625 - K0+728.125 on khushee Access Road (KKH-01)	5/17/2023	Approved As Noted

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
18-May-23	CCECC/DASU-KKH-01/DOGAH/RFDA/001	Submission of Revised shop Drawings for Dogah tunnel (K23+330-K23+585)	5/20/2023	Approved
18-May-23	CCECC/DASU-KKH-01/DASU-02/RFDA/003	Submission of Shop Drawings for Dase-02 Tunnel (K3+587-K3+640)		Approved
21-May-23	CCECC/DASU-KKH-01/Dogah Tunnel/RFDA/001	Submission of Revised Method Statement of Dogah Tunnel for Your Review and Approval Please.	5/31/2023	Approved AS Noted
21-May-23	CCECC/DASU-KKH-01/IPC-33 X-Section/RFDA/249	Submission of work done Cross Section for IPC 33 of Slope Protection at K1+406.25 to K2+000.00 on KKH-01	5/25/2023	Approved As Noted
22-May-23	CCECC/DASU-KKH-01/LOGRO-A/GOB/RFDA/001	Submission of work done Drawings for Logro-A Tunnel approved Geological Over Break (GOB) K9+152-K9+450)	5/30/2023	Approved AS Noted
27-May-23	CCECC/DASU-KKH-01/DASU-02/GOB/RFDA/001	Submission of work done Drawings for DASU-02 Tunnel Geological Over Break GOB.	6/1/2023	Approved As Noted

B) KKH-02

The following activities have been carried out during the reporting month.

1) Major Activities

- Excavation works at K24, K26, K32 and K34, K42 & K46 access roads have been completed and Contractor is caring out the excavation works of main KKH-02 alignment.
- Request for removal of houses inside and below the KKH-02 has been forwarded to Employer.
- Geotechnical investigation for tunnels and bridges is in progress.

2) Major Design Activities

- Checking of Shop drawings for KKH-02.
- Finalization of alignments for the tunnels revised based on site visits.

C) RAR-01 Team

1) Major Activities

- Joint inspection with RE to Komila bypass for progress and technical social issues i.e. Land Sliding and ROW around K1+100 to K1+200 area.
- Site inspection for B/wall areas at Komila bypass.
- Joint site inspection for slope cutting from catch point at Komila bypass around K0+400 area.
- Joint site visit to RAR-01 for remaining works i.e. punch list items, Shingli Nullah & Local access at K11+700 etc.
- Site inspections for laying of sub base and base material from K1+500 to K2+300.
- Letter issued to Contractor regarding Local application dated May 17, 2023.
- Letter issued to Contractor regarding weekly progress meeting dated May 18, 2023.

2) Working / Shop Drawings

The following working drawings were submitted by the Contractor and the Engineer reviewed and replied, accordingly.

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
15-May-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/96R	Submission of Revised X-Section from K1+900 to K1+993.75	16/05/2023	Approved Expected as Noted
17-May-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/125	Submission of work done drawing and BBS for Causeway From K1+318.75 to K1+356.25	19/05/2023	Approved Expected as Noted
24-May-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/126	Submission of Breast wall shop Drawing Along with Typical Section and Plan from K1+381.25 to K1+400.00	24/05/2023	Approved Expected as Noted
24-May-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/127	Submission of Breast wall shop Drawing Along with Typical Section and Plan from K1+304.00 to K1+318.75	24/05/2023	Approved Expected as Noted

D) RAR-02 Team

1) Major Activities

- Checking blasting pattern submitted by the Contractor.
- Meeting and site visit with the Contractor for Kandia working face.
- Checking of Contractor's drawings for cable way at largani.
- Supervision of works for cable way at Largani.
- Checking of Contractor Standing Time records and DPR.
- Reply of the Contractor's letter regarding slow Progress.
- Review of contractor's WPR and MPR.
- Supervision of site activities including Blasting, Excavation and drilling works.
- Conducting of Progress meetings with Contractor and Employer.

2) Major Design Activities

- Checking of Shop drawings for cable way and access roads.
- Checking of Contractor's Shop drawing.

3.4.4 TL Section

Major DHC activities undertaken during this month are:

1) Correspondence:

- Prepared the letter regarding absence of Contractor's key representative from site.
- Prepared the letter regarding comments on weekly progress report.
- Prepared the letter regarding conductor stolen at T-61A to T-62A in Pattan Area.
- Prepared the letter regarding conductor stolen at T-53 to T-54 in Pattan Area.
- Prepared the letter regarding provision of google images of TL-01 Route (T-37 to T-212A).
- Prepared the letter regarding Contractor's negligence to follow safety norms & practices.
- Prepared the letter regarding request for provision of WAPDA security at Grid Station.
- Prepared the letter regarding security guards issue at Grid Station.
- Prepared the letter regarding Non availability of steel structure and progress.
- Prepared the letter regarding junction of permanent access road and Grid access road.
- Prepared letter regarding delay in the finishing work of control house building at Grid Station.
- Prepared the letter regarding provision of procurement and supply/transportation of Transmission Line and Grid Station material list.
- Prepared the letter regarding slow progress of stringing work due to Contractor's defective equipment/machinery.
- Prepared the letter regarding slow progress at Fence Wall and Switch Gear installation works at Grid Station.
- Prepared the letter regarding shifting of 200KVA Transformer and Control Panels of 20MVA Transformers.
- Prepared the letter regarding slow progress of stringing.
- Prepared the letter regarding core activities of Grid Station and Transmission Line.
- Prepared the letter regarding logistic of 2nd shipment at Ghazi Barotha.
- Prepared the letter regarding Dasu U3 Shaft Seal Inspection Notification No.2
- Prepared the letter regarding security lights drawing and revised service cable layout drawing for security post at Project Colony.
- Prepared the letter regarding request for the approval of DB's manufacturer drawing and components detail of Residence Cat-3, Cat-4 and Community Center at Project Colony.
- Prepared the letter regarding reply to submission of cost approval for supply and installation of CCTV Cameras at Project Colony.
- Prepared the letter regarding installation of PVC conduits on crossing of roads/streets and residences ramp for laying street lights cable, security lights cable, telecommunication system cable and service cables at Project Colony.
- Prepared the letter regarding request for cable manufacturer approval of M/S "Tech Cable" for the WAPDA Project Colony.

2) Meetings:

- Meeting regarding progress of TL-01 with Contractor & WAPDA Advisor held on 14th May 23.
- Weekly Progress Review meeting with Contractor and Employer held on 10th May, 2023.
- Weekly Progress Review meeting with Contractor and Employer held on 24th May, 2023.
- Weekly Progress Review meeting with Contractor and Employer held on 31th May, 2023

3) Inspections:

- Inspection for the Goods of 2nd shipment at Ghazi Barotha Warehouse.

3.4.5 Main Work Section (MW-01, MW-02)

The major DHC activities undertaken during this month are:

a) MW-01

- The Contractor submitted the updated proposal for VO-009A on 14th May 2023 via letter CGGC/MW-01/CD/DHC-3025 for varied works on Debris Flow (First Stage) by including the temporary causeway in Uchar Nullah by steel type bridges and additional works of Upstream Starter Dam at first stage due to the Debris Flow.
- The Engineer submitted the clarifications to the Contractor's proposal for Diversion gates and hoists on 24th May 2023.

i. Review of Contractor's Drawings and Method Statement

The following working drawings were submitted by the Contractor and the Engineer reviewed and replied, accordingly.

Contractor's Drawings

Received Date	Letter Number	Title	Reply Date
27-Apr-23	CGGC/MW-01/RFDA/DHC-538	Diversion Tunnel B Inlet Top Slab EL. 792.4M-EL.808.0M Reinforcement Drawings-(D2)	7-May-23
2-May-23	CGGC/MW-01/RFDA/DHC-539	Diversion Tunnel Inlet Hoist Frame Detail of Steel Ladder-(D1)	
2-May-23	CGGC/MW-01/RFDA/DHC-540	Diversion Tunnel B Inlet Installation Platform at EL. 810m Concrete Outline Drawings-(D1)	
5-May-23	CGGC/MW-01/RFDA/DHC-541	Drainage System and Pavement of LB Traffic Diversion Tunnel-(D2)	15-May-23
6-May-23	CGGC/MW-01/RFDA/DHC-542	Left Bank Cable Crane Platform Drawing-(D2)	19-May-23
6-May-23	CGGC/MW-01/RFDA/DHC-543	Diversion Tunnel B Inlet Platform Details of Handrail at EL. 810.000m-(D1)	
6-May-23	CGGC/MW-01/RFDA/DHC-544	Diversion Tunnel Inlet Hoist Frame Details of Handrail at EL. 821.000m-(D1)	
10-May-23	CGGC/MW-01/RFDA/DHC-545	Detail Drawings of Additional New Uchar Bypass Road and Crossing pavement-(D1)	13-May-23
11-May-23	CGGC/MW-01/RFDA/DHC-546	Detail Drawings of Diversion Tunnel A Inlet Platform at EL.810m Details of Handrail-(D1)	
11-May-23	CGGC/MW-01/RFDA/DHC-547	Diversion Tunnel A Inlet Platform at EL. 820m Details of Handrail-(D1)	
14-May-23	CGGC/MW-01/RFDA/DHC-548	Reserved Grouting Pipe and Joint Treatment of Cutoff Wall-(D1)	17-May-23
18-May-23	CGGC/MW-01/RFDA/DHC-549	Diversion Tunnel A Inlet Top Slab EL. 792.4M-EL.808.0M Reinforcement Drawings-(D2)	
19-May-23	CGGC/MW-01/RFDA/DHC-550	Drainage System and Pavement of LB Traffic Diversion Tunnel-(D3)	20-May-23

Method Statement

Received Date	Letter Number	Title	Reply Date
7-May-2023	CGGC/MW-01/TD/DHC-3010	Submission of the Method Statement of Pavement for Left Bank Traffic Diversion Tunnel	15-May-2023
18-May-2023	CGGC/MW-01/TD/DHC-3027	Submission of the Method Statement of Excavation and Supporting of Right Bank Diversion Tunnel (D2)	May 23, 2023
18-May-2023	CGGC/MW-01/TD/DHC-029	Submission of the Method Statement of Excavation and Support of Left and Right Banks Cable Crane Platforms (D3)	May 26, 2023
23-May-2023	CGGC/MW-01/TD/DHC-3055	Submission of Method Statement of Pavement for Left Bank Traffic Diversion Tunnel (D2)	

ii. NCR and Engineer's Instruction

NCR

NCR Issued Date	NCR No.	Title	Remarks
14-May-2023	MW-01-NCR-50	Pouring of concrete without inspection and approval from Engineer at 3-3 Block #09	
15-May-2023	MW-01-NCR-50A	Non-Conformity of 2nd Stage Excavation as per Excavation and Support Drawings-MW-01	
17-May-2023	MW-01-NCR-51	Laying Geotextile and Gravel filter material on the top concrete surface of Cut off wall and Guide Walls	
19-May-2023	MW-01-NCR-52	Using of Broken PVC Pipes during Concrete at U/S Starter Dam	
22-May-2023	MW-01-NCR-53	Using of Broken PVC Pipes during Concrete at U/S Starter Dam	
22-May-2023	MW-01-NCR-54	Ch.1+091.53~1+114m form inlet side and Ch.1+190.5m~1+225.5m form outlet side is not as per design	
25-May-2023	MW-01-NCR-55	Placement of Concrete on Clay and Geotextile Sheet of Starter Dam Block I-3 (3)	

Engineer's Instruction

EI Issued Date	EI No.	Title	Remarks
5-May-2023	DHC/Dasu/MW-01/EI/23-026	Day work Order Instruction for Removal of Dumped material for ceremonial platform in front of Adit-01	
15-May-2023	DHC/Dasu/MW-01/EI/23-027	Protection concrete on the top of upstream starter dam cut off wall	

b) MW-02

1) General

- The Contractor was instructed to repeat the selected mix proportions as per the Engineer's Comments.
- The Contractor was directed to immediately ensure the addition of fresh water near the outlet of sedimentation tanks and continuously monitored the PH.
- The Contractor was requested to arrange the separate resources as per the Contract as well as proposed by the Contractor within the method statements submissions to carry out the works within the contractual time frame.
- The Engineer clarified that although the Switchyard area was part of the Contract's defined "Site," the Contractor's right of access and possession was not exclusive. The Contractor has a contractual obligation to collaborate with other contractors and allow them to carry out their work. Consequently, the Contractor's notification of an event and their claim for an extension of time and additional cost were considered meritless and rejected.
- The Contractor was instructed to conduct a mixed trials plan, considering the Engineer's comments, and submit it for evaluation.
- The Contractor was directed to involve the HSE Manager and a member of Senior Management during the audit, aiming to gain a better understanding of the Engineer's concerns and ensure effective compliance with the observations.
- The Contractor's request for a 2nd Interim Extension of Time (EoT-2) was approved, granting an extension of 105 days for the completion of Contract ICB No. Dasu-MW-02, with a revised completion date of 1st October 2026.
- Additionally, The Contractor was requested to submit a revised Programme to the Engineer, following the guidelines in GC Sub-Clause 8.3 and GS Sub-Clause 12.2.
- The Contractor was instructed to review the report and update the Executive summary based on the Engineer's Comments.

2) Review of Contractor's Working Drawings

The Engineer reviewed and replied of the following drawings.

Letter Nos.	Title	EAC No.	Reply Date
CGGC/MW-02/RFDA/DHC-479	Details of Protective Retaining Wall at the Power Intake EL. 873 (D2)	EAC-23-037	02-May-23
CGGC/MW-02/RFDA/DHC-481	Blasting Design of the Tailrace Tunnel (D3)	EAC-23-038	08-May-23
CGGC/MW-02/RFDA/DHC-482	EL.729.9-EL.794.0 Surge Chamber Shaft Excavation Blasting Design (D1)	EAC-23-039	15-May-23
CGGC/MW-02/RFDA/DHC-480	Grounding Grid Layout for Powerhouse Cavern Above EL.760.00 & Transformer Cavern Above EL.772.50	EAC-23-040	17-May-23
CGGC/MW-02/RFDA/DHC-483	Switchyard Compound Reinforcement Drawing for Standard Section of Horizontal Drain (D1)	EAC-23-041	20-May-23

3) Issued Engineer Instruction

The Engineer issued the following Site Instructions (SIs).

Location	Subject	EI No.	Issue Date
Tailrace Tunnel #1 & 2 from CT1	Poor Ventilation Conditions	EI-23-014	04-May-2023
CR9 MAIN GATE AREA	Provision of Septic Tank Detail for Washrooms	EI-23-015	06-May-2023
Tailrace Tunnel No. 2	Control of Water and Execution of Poor-Quality Support work CH: 1+680.0-1+694.0	EI-23-016	15-May-2023
Powerhouse I-2	Rectification of cable of Axial Force Transducer CH.: 0+110	EI-23-017	24-May-2023
Transformer Cavern	Improper Installation of Formwork for Anchor Heads for PS Tendons	EI-23-018	24-May-2023

4) Daywork Order in the reporting month

No new Daywork order was issued in the month of May, 2023

5) NCR Issued by Engineer

The Engineer issued the following NCR.

Location	Subject	NCR No.	Issue Date
Nil	Nil	Nil	Nil

3.4.6 Infrastructure Section (LBRV-11, LBRV-12, PCI-01R, RV)

The major DHC activities carried out during the month are described below:

a) LBRV-11

- The Engineer issued letter to the Employer regarding the Outstanding Advance Payment after Adjusting the Amount of IPC No.13 dated 11th May 2023.
- The Engineer issued letter regarding the Engineer's Assessment on the Contractor's Price Adjustment Claim dated 13th May 2023.
- The Engineer issued letter to the Employer regarding the Contractors Management Cost Claim for the Extended Period (EOT-01) dated 17th May 2023.
- The Engineer provided the complete technical and cost estimation data to the Employer of Water Supply System from Kaigah Nullah to Resettlement Sites Nasirabad 1 and Nasirabad-2 dated 20th May 2023.
- Engineer issued letter regarding Price Adjustment Claim under LBRV-11 dt: 23rd May 2023.
- Engineer informed contractor regarding the Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies dt: 23rd May 2023.
- The Engineer issued response letter to the Contractor's Prolongation Management Cost Claim on Account of EOT-01 dated 27th May 2023.
- The Engineer issued letter regarding the Construction of Mosque at RV Site Khoshe-2 dated 31th May 2023.

b) LBRV-12

- The Engineer instructed the contractor to Complete Outstanding Work at Handed over Resettlement Sites of LBRV-11&12dated 15th May 2023.
- The Engineer issued letter regarding the Engineer's Assessment on the Contractor's Price Adjustment Claim dated 13th May 2023.
- The Engineer issued letter to the Employer regarding the Contractors Management Cost Claim for the Extended Period (EOT-01) dated 17th May 2023.
- The Engineer informed the contractor regarding the Meeting at DC Office for Evolving Mechanism on Security Verification & Labour Hiring by Chinese Companies dt: 23rd May 23.
- The Engineer issued response letter to the Contractor's Prolongation Management Cost Claim on Account of EOT-01 dated 27th May 2023.

The Engineer asked the contractor regarding the Nomination of Security Officer by Contactors LBRV-11& 12 dated 24th Jan 2023.Construction Activities

c) RV

- The Engineer reviewed and Approved Generator Set (20kva) for Colony Pumping Sewage dated 4th May 2023.
- The Engineer issued letter regarding VO-008- Varied Works of Water Transmission for RV Sites Khoshe- 1&2) dated 8th May 2023.
- The Engineer issued response letter regarding the Withheld Amount Due to Non-Submission of Program dated 11th May 2023.
- The Engineer issued letter regarding Varied Works for Construction of Mosque at RV Site Khoshe-2 Link-1 dated 16th May 2023.
- The Engineer reviewed and verified Interim Payment Certificate No. 15 dated 23rd May 2023.

d) Project Colony – PCI-01R

- The Engineer issued response letter regarding Varied Works of Emergency Exit Doors at Office Building dated 2nd May 2023.
- The Engineer issued letter regarding the Cancellation of Multiple Varied Works in Project Colony dated 2nd May 2023.
- The Engineer reviewed and approved DB's Manufacturer Drawings & Components detail of Residence Cat-3, Residence Cat-4 and Community Center dated 4th May 2023.
- The Engineer issued response letter to the Contractor's Notice of Intention to Claim No. PCI-01 RC-10 dated 4th May 2023.
- The Engineer issued replied letter to the Submission of Cost Approval for Supply and Installation of CCTV Cameras at Project Colony dated 5th May 2023.
- The Engineer issued response letter regarding the issuance of Rain Water Drainage System of the Hostel dated 6th May 2023.
- Engineer issued letter regarding Work Stoppage of Uchar Water Supply dt: 6th May 2023.
- The Engineer issued Progress Review Minutes held Dated 3rd May 2023, dt: 6th May 2023.
- The Engineer issued letter to the Employer regarding the 2nd Draft of Bidding Documents for Procurement of Furniture WAPDA Project Office dated 6th May 2023.
- The Engineer verified Interim Payment Certificate No. 40 dated 6th May 2023.
- Engineer issued letter regarding Environmental Audit of Contractor's Camp dt: 8th May 2023.
- The Engineer issued response letter to the Submission of Cost Approval for Supply and Installation CCTV Camera dated 9th May 2023.
- The Engineer Requested the Employer to Confirm Water Source and Supply for Project Colony dated 10th May 2023.
- The Engineer issued the Security Lights drawing and Revised Service Cable Layout Drawing for Security Post dated 10th May 2023.
- The Engineer reviewed and Approved Color Cards for Selection of Paint from Nippon Paint Manufacturer dated 10th May 2023.
- The Engineer issued letter to the Employer regarding the Shifting of DHC Head Office (Site Office Dasu) and Hostels Accommodation to Dasu Hydropower Project WAPDA Colony, Dasu dated 12th May 2023.
- The Engineer issued letter regarding the Remaining Payment of ISO 45001 Lead Auditor Training Course dated 12th May 2023.
- The Engineer issued response letter regarding the Delay in Construction of Security Office and Telephone Exchange Buildings dated 12th May 2023.
- The Engineer issued letter regarding the Extension of Insurance for Works and Contractor's Equipment, Insurance dated 12th May 2023.
- The Engineer instructed the contractor to install the PVC conduits on crossing of roads Streets and Residences ramp dated 13th May 2023.
- Engineer issued letter regarding Target Dates to Complete Colony Works dt: 13th May 2023.
- The Engineer issued response letter to the Request for Cables Manufacturer Approval of MS Tech Cable for the WAPDA Project Colony dated 13th May 2023.
- The Engineer issued Response letter to Notice of Delay in Issuance of Change in Design of the Hostel Category-2 Buildings dated 16th May 2023.
- The Engineer issued letter to the Employer regarding the procurement and supply of furniture for WAPDA project office and colony, also submitted Five (05) Sets of Final Bidding Documents (Rev-03) dated 16th May 2023.

- Engineer issued Progress Review Minutes Held dated 13th May 2023 dated 17th May 2023.
- The Engineer issued instructions to the contractor regarding the Construction of Security Watch Tower No.3 dated 17th May 2023.
- The Engineer requested the Employer to provide consultation regarding the Water Supply Uchar Nullah to Resettlement Site Uchar-1 dated 17th May 2023.
- The Engineer reviewed and approved VO-020-GI Ladder for Access to the Roof for Phase-B Area Buildings dated 17th May 2023.
- The Engineer issued response letter regarding the VO-021-Mild Steel Security Grill for Project Office along Colony Main Road dated 17th May 2023.
- The Engineer reviewed and approved Color Cards for Selection of Paint from Nippon Pani for Hostel Category-2 Exterior and Interior dated 18th May 2023.
- The Engineer issued drawings of Floor Patterns for Community Center Building at Project Colony dated 18th May 2023.
- The Engineer issued letter regarding the Verification Data of Pakistani Labours dated 19th May 2023.
- The Engineer issued Response letter to Notice for Delay in Issuance of Floor Pattern Detail Drawing of the Community Center Building dated 22nd May 2023.
- The Engineer issued Response letter to Notice for Delay in Issuance of Clarification of Boundary Wall Design Part 2 and Right of Access to Site dated 22nd May 2023.
- The Engineer informed the contractor regarding the Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies dated 23rd May 2023.
- The Engineer Requested the Employer to confirm Water Source and Supply for Project Colony dated 23rd May 2023.
- The Engineer issued letter regarding the Schedule of Awareness Workshop of Foreign Staff in Migrants on Cultural and Religious Conduct dated 24th May 2023.
- The Engineer issued response letter to Request for Approval of Ceramic Tiles Manufacturers MS Time Ceramics and MS Oreal Ceramic for Phase-B Buildings dated 25th May 2023.
- The Engineer issued letter regarding the Purchase of Security Enablers for Residential Camps Plazas Worksites dated 25th May 2023.
- The issued response letter to Addition of HDPE Overhead Water Tanks at Mumty Floor of the WAPDA Project Office Building dated 25th May 2023.
- The Engineer issued letter regarding Commencement of the Works dated 26th May 2023.
- The Engineer issued Progress Review Minutes held Dated 23rd May 2023 & 27th May 2023.
- The Engineer issued Reply letter to the Notice for Taking over of Project Office, Residence Category-1 Buildings dated 29th May 2023.
- The Engineer issued letter regarding the Extension of Insurance Policies Required under the Contract dated 29th May 2023.
- The Engineer reviewed and Approved Reinforcement Steel Manufacturer SHEIKHOO Steel dated 29th May 2023.
- The Engineer issued warning letter regarding the Failure to Hire Paramedic at the Project Colony dated 30th May 2023.
- The Engineer reviewed Approved Ms Newtech Pipe Manufacturer dated 30th May 2023.
- The Engineer reviewed and verified Interim Payment Certificate No. 41 dated 31st May 2023.

The following working drawings were submitted by The Contractor and The Engineer reviewed and replied, accordingly.

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
1-May	CGICOP/DASU/PCI-01R/RFDA/707	submission of shop drawing for floor pattern detail of the residence cat-3	4-May	Approved
1-May	CGICOP/DASU/PCI-01R/RFDA/708	submission of shop drawing for floor pattern detail of the residence cat-4	4-May	Approved
3-May	CGICOP/DASU/PCI-01R/RFDA/709	submission of shop drawing of layout of kitchen and wardrobe details of the hostel cat-2	8-May	Returned For Correction
6-May	CGICOP/DASU/PCI-01R/RFDA/710	submission of shop drawing for the layout of marble slab at inside and outside stairs of the hostel cat-2 building	8-May	Approved Except As Notes
7-May	CGICOP/DASU/PCI-01R/RFDA/711	Submission of the shop Drawing for the layout of kitchen & wardrobe detail of the Res Cat 3 Building	10-May	Returned For Correction
9-May	CGICOP/DASU/PCI-01R/RFDA/712	Submission of the shop drawing for the layout & cross sectional detail of the MS Main & wicket gate at security guard room	10-May	Approved

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
11-May	CGICOP/DASU/PCI-01R/RFDA/713	Submission of the shop drawing chain link fence gate at S1 S2 & S3 Road along the P1 Road	13-May	Approved
12-May	CGICOP/DASU/PCI-01R/RFDA/714	Submission of the shop drawing for the building plot & porch level of the Building	16-May	Approved
13-May	CGICOP/DASU/PCI-01R/RFDA/715	Submission of the bar bending schedule for the boundary wall part 2	05-Jun	Approved
13-May	CGICOP/DASU/PCI-01R/RFDA/716	Submission of the bar bending schedule for the external boundary wall part 8	05-Jun	Approved
14-May	CGICOP/DASU/PCI-01R/RFDA/032 Rev.01	Submission of the shop drawing for the Revised layout of S10 Road	Approved	18-May
15-May	CGICOP/DASU/PCI-01R/RFDA/344 Rev.01	Submission of the shop drawing for the Revised Cross sectional detail of the S19 Road	Approved Except As Notes	18-May
17-May	CGICOP/DASU/PCI-01R/RFDA/717	Submission of the shop drawing for the underground wapda project colony watch tower 1 to 5 & road crossing street and telephone network	Approved	25-May
20-May	CGICOP/DASU/PCI-01R/RFDA/660 Rev.01	submission of shop drawing for the supportive boundary wall at P1 road side	22-May	Approved Except As Notes
20-May	CGICOP/DASU/PCI-01R/RFDA/031 Rev.01	Submission of the shop drawing of the revised layout of S8 Road	22-May	Approved
20-May	CGICOP/DASU/PCI-01R/RFDA/528 Rev.01	Submission of Shop Drawing of the Revised layout of the over Head Water Tank at Top Roof of the Wapda Project office Building	30-May	Approved
21-May	CGICOP/DASU/PCI-01R/RFDA/718	submission of typical BBS of primary road and drain and culvert	30-May	Approved
22-May	CGICOP/DASU/PCI-01R/RFDA/024-Rev.01	Submission of the shop drawing for the Revised Layout of S7 Road	24-May	Approved
24-May	CGICOP/DASU/PCI-01R/RFDA/023-Rev.01	Submission of the shop drawing for the revised layout of the S4 Road	25-May	Approved Except As Notes
26-May	CGICOP/DASU/PCI-01R/RFDA/699-Rev.01	Submission of the shop drawing of the structural & architectural building of the security watch tower building	26-May	Approved Except As Notes
28-May	CGICOP/DASU/PCI-01R/RFDA/232-Rev.01	Submission of the shop drawing for the revised layout of S9 Road & Cross Sectional Detail	31-May	Approved Except As Notes

3.4.7 EM-01 – Civil Works

The major activities undertaken during this month were:

1. General

- The Contractor was informed that the Project Manager disapproved and rejected the Contractor's claim, and that the Contractor was entitled to compensation for idle equipment/resources due to the event.
- The Contractor was directed to engage the HSE Manager and a member of Senior Management during the audit to gain a better understanding of the Engineer's concerns and to comply effectively with the observations.
- The Project Manager responded and provided comments on the Construction Drawings of Buildings No. 2.1, 2.2, 2.3, and 2.5 at EM-01 Camp Kass.
- The Project Manager responded and provided comments on the Construction Drawings of Buildings No. 3.5, 3.6, 3.7, and 4.4,4.6,4.7,4.8 Diesel Tank & Generator Foundations and Drain Culvert at EM-01 Camp Kass.
- The Project Manager responded and provided comments on the Construction Drawings for external plumbing, water supply and storm drain at Contractor EM-01 Camp Kass.
- The Project Manager responded and provided comments on the Construction Drawings of Buildings No. 4.6, 6.3 &, 6.9 at EM-01 Camp Kass.
- The Project Manager responded and provided comments on the Construction Drawings of Buildings No. 4.4, 4.5, Diesel Tank & Generator Location at EM-01 Camp Kass.
- The Engineer conducted a technical evaluation of the quotations and provided subsequent comments. It was noted that the Contractor failed to provide technical data for various materials and did not furnish a schedule for the execution/completion of work. The Contractor was requested to address these comments promptly to facilitate further progress in the matter.

2. Review of Contractor's Working Drawings

The following drawings were submitted by the Contractor, and The Engineer reviewed and replied, accordingly.

Location	Subject	Dwg No.	Issue Date
KASS CAMP EM-01	Drawings of Buildings No. No. 2.1, 2.2, 2.3, and 2.5.	DHC/DASU/GEPC/EM-01/ys/23-135	May,16 2023
KASS CAMP EM-01	Construction Drawings Buildings No. 3.5, 3.6, 3.7, &, 4.6, 4.7, 4.8.	DHC/DASU/GEPC/EM-01/ys/23- 139	May,17 2023
KASS CAMP EM-01	Construction Drawings of Buildings No. 4.6,6.3 &,6.9	DHC/DASU/GEPC/EM-01/ys/23- 142	May,18 2023
KASS CAMP EM-01	Drawings of Buildings No. 4.4,4.5,	DHC/DASU/GEPC/EM-01/ys/23- 148	May,27 2023

3. Issued Engineer Instruction

The Engineer was not issued the Site Instructions (SIs) during the reporting month.

4. NCR Issued by Engineer

The Engineer was not issued the NCRs during reporting quarter.

5. Electro-Mechanical Works

In May, the major topics of the working items are focused on the claim for Contract price adjustment, claim for interest on delayed payment of IPC-02, approval of subcontractor's for heat exchanger, cooling water pumps and storage for second shipped equipment at Ghazi Barotha Hydropower station after custom clearance issue at Karachi.

5.1. Custom clearance issue

Custom clearance of the second shipment for # 2 draft tube along with its embedded materials has been processed and storage of first shipment for #2 at Ghazi Barotha Hydropower station has been carried out.

5.2. Coordination with NTDC on 765kV Transmission Line Protection

The DHC had forwarded Contractor's submission regarding 765kV protection single line diagram of 765kV transmission line and busbar to WAPDA to get NTDC approval/ comments on dated January 24, 2023. The Employer has provided the comments from NTDC which has been forwarded to Contractor. However, the coordination meeting will be arranging with NTDC and Contractor by DHC to finalize the design of 765kV transmission line protection.

5.3. Position of 765kV Terminal Tower at Take-off Switchyard

On November 18, 2022, the coordination meeting with NTDC was held at the WAPDA's Lahore office for confirming the final position of terminal tower of which position has been investigated by NTDC on August 24, 2022. In the meeting with NTDC, final location of terminal tower was shown in the drawing and coordination of tower position which is the original direction to the steep hills. The transmission line will be routed on the colony boundary. DHC will finalize the switchyard design and arrangement of 765kV switchgear equipment based on this conclusion. However, the formal approval of terminal tower is awaited from WAPDA and NTDC.

5.4. Addition of manufacturers to the agreed schedule T-4

On requests of Contractor for addition of manufacturers for Spiral case, Staring, Auto silt monitoring system and Generator stator core, the Project Manager has instructed the Contractor to submit the supplementary record such as a comparison of company profile and technical data of subject equipment/ material and the comparison of technical requirements given in the Contract for Employer's approval.

However, the Contractor has submitted the requisite documents for approval and Project Manager has reviewed it and forwarded it to Employer for approval on April 04, 2023.

5.5. Corresponding between EM-01 Contractor

The following engineering drawings for power plant and commercial letters being submitted by the Contractor have been returned to Engineer with comments in this period, accordingly.

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
26-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0131	Interest on delayed payment under IPC No. 02	03-May-23	
26-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0131	Interest on delayed payment under IPC No. 02	04-May-23	
17-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0048	Claim No. EM-01-C-05 - RoW (Right of Way) Issue at EM-01 Site Camp.	05-May-23	
09-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0143	Information and Document requested for Customs Clearance of Shipment No.2.	10-May-23	
06-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0140	Employer's Witness for FAT on Unit 4 Stay Ring.	10-May-23	
27-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0124	Request for Consent to Subcontract Cooling Water Pumps.	10-May-23	
26-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0131	Contractor's Request for Meeting with the Employer's Tax Team Regarding Outstanding Taxes (WHT and ST).	12-May-23	
17-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0126	Request for Consent to Subcontract Heat Exchangers.	12-May-23	
09-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0143	Information and Document requested for Customs Clearance of Shipment No.2.	12-May-23	
12-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0110	Project Managers Analysis of Different Options for Contract Price Adjustment.	15-May-23	
04-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0115	Construction Drawing of Office Buildings 2.12.22.32.5	16-May-23	
09-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0142	-Interim Payment Certificate (IPC) N0.05-Reimbursement of Import Duties and Taxes of Shipment No.1.	17-May-23	
15-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0156	Personal Expenses for Attendance of Employers Personnel at Factory Tests and Factory Training.	17-May-23	
26-Apr-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0133	Material Change Report (MCR) for Turbine Materials.	17-May-23	
05-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0138	Construction Drawings of Buildings no. 3.5, 3.6, 3.7, 4.4, 4.6, 4.7, 4.8, Diesel tank & Generator foundations and drain culvert.	17-May-23	
15-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0159	Contractors Proposed Solution Way Forward After Meeting with the Employers Tax Team Regarding Taxes.	18-May-23	
08-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0141	Construction Drawings of Buildings no. 4.6, 6.3 & 6.9	18-May-23	
13-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0149	Construction Drawings of External Plumbing Water Supply and Storm Drain at Contractors Camp.	19-May-23	

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
13-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0149	Construction Drawings of External Plumbing Water Supply and Storm Drain at Contractors Camp.	19-May-23	
24-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0166	Dasu U3 Shaft Seal Inspection Notification No.2.	24-May-23	
17-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0163	Construction Drawings of Buildings no. 4.4, 4.5, 4.7, 4.8, Diesel Tank & Generator Location.	27-May-23	
14-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0148	Request Proposal -Design, Supply, Installation, Testing & Commissioning Solar Power System for Project Office & Cat-1 & 2.	28-May-23	
15-May-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0146	Interest on Delayed Payment under IPC No. 02.	31-May-23	

3.4.8 Environment Management Section

1. Overall activities

i) Periodic Meetings with Contractors

Monthly Environmental progress review meeting for month of May were conducted on 29th & 30th of May 2023. "The Engineer" instructions were discussed in detail and new points regarding non-compliances were added to the Minutes of meeting and WTEIR implementation was also discussed in detail.

ii) Meetings with WAPDA/Contractors

- Discussed the solid waste estimation survey conducted in April 2023 with Dr. Venkata. Dr. Venkata recommended repeating the survey as it did not accurately represent the waste status. It was decided to conduct a weeklong survey encompassing all contractor camps.
- Convened a meeting with Mr. Shifeng (GM HSE CGGC), his team, and the Deputy Director of Environment from WAPDA to address long-pending environmental issues. Topics discussed included quarterly environmental monitoring, closure of non-conformance reports (NCRs), air dispersion modeling, and recruitment of environmental officers for other CGGC components, dust suppression, and wastewater management. Mr. Shifeng assured us that these issues would be progressively resolved.
- Held a meeting on 7th May 2023, with the GM of DHPP regarding the solid waste site at Barseen. The locals were initially impeding the survey team, but negotiations have been successfully conducted, and survey team was instructed to be deployed by 8th May 2023.
- Engaged in a meeting with the Director General (SS) of WAPDA, during which MSC consultants presented their findings from the semiannual monitoring report. A detailed discussion took place, and the MSC consultants were advised to avoid making generic statements and assuming results.
- Another meeting was called by DG SS WAPDA in his office on 18th May 2023 to discuss the pending environmental issues with CGGC and CCECC

iii) Virtual Meeting with World Bank

During the month two virtual meetings (12th and 31st May 2023) were conducted with World Bank team on the implementation status of DHPP EMAP. Update on the previous agenda items were presented which included:

- Update on Solid waste disposal site
- Update on traffic management plan
- Update on recruitment of Contractors Environmental officers
- Update on quarterly Environmental monitoring of CGGC
- Update on the issue of sedimentation tanks
- And Dust complaint lodged by locals.

iv) Environmental audit of contractor camps

In accordance with WAPDA's directive, an environmental audit was carried out for all the contractor camps from May 13th to May 18th, 2023.

A checklist was prepared based on the contract's Environmental Code of practices (ECPs) & International Finance Corporation (IFC) guidelines for workers' accommodation. The identified observations were shared in a report format with the contractors for necessary rectifications.

v) DHC's supplementary initiatives: Collaborative inspection conducted by the Environment Sections of WAPDA and DHC

Beside the daily supervision by environment inspectors, supplementary initiatives of weekly joint inspections were re-started from February 2023.

During the month only one inspection of MW-01&2 was conducted due to engagement in other assignments.

vi) Solid Waste Site identification in Barseen

The assessment of the potential solid waste was finalized, and the topographic map was submitted to the Geology section for further examination. On May 26th, 2023, the geology section reported that the site is unsuitable for developing as a solid waste site due to the excessive presence of overburden material. This investigation was duly communicated to WAPDA.

vii) Wastewater treatment experiment

DHC Environment team along with the contractor carried out JAR test for the wastewater of Thoki crusher plant. The results were encouraging as it reduced the turbidity as well as pH of the wastewater. The contractor was instructed to submit calculations for the wastewater entering the sedimentation tank and propose the amount of Alum to be used to mitigate the wastewater.

viii) Visit of Integrated Resource Recovery Center Mardan

World Bank, during a fortnightly environment meeting on 17th April 2023, suggested, while discussing solid waste management at the DHPP construction site, that a visit to the facility shall be made to observe organic waste management practices. In this regard, the facility Integrated resource recovery center Mardan was visited on 9th May 2023 by Mr. Sardar Alam (Sr. Environmentalist, DHC). Water Sanitation Services Company (WSSC) Mardan is managing this facility.

a) Location of the Facility:

The Facility is in Jibran town near Sheikh Maltoon, Mardan and is almost 2km from the nearby main road. There are no residences nearby the facility and it is surrounded by Eucalyptus trees.



b) General Layout of the facility:

The facility consists of 20 Nos. of honeycomb structure compost boxes with dimensions 15 ft by 10 ft by 7 ft. The capacity of each compost box is 20 tons. Similarly, leachate is drained into leachate lagoons with dimensions of 5ft by 5 ft by 5 ft. .

Another section portion is called matured compost box and adjacent to that is the final compost product box. A shredder with a 160 hp capacity is installed near the mature compost box.

The final product is stored in 2kg, 5kg packets and 25kg bags for selling.

This structure is covered by CGI steel roofing to protect the compost from rain. Rainwater harvesting is also in place, and the water is used for daily operations in plastic tanks.

The office building is near the facility and is powered by 3KW solar panel system.

c) Procedure for the compost preparation:

This is a manual composting procedure. The segregated organic waste is collected from a 2km radius area through a Suzuki pickup. The solid waste is unloaded at the entrance of the facility and is sorted manually by labour for any traces of inorganic waste. A bin is placed to collect the inorganic waste for onward transportation from the facility.

The sorted organic waste is placed in the compost box above perforated pipes above the concrete floor, allowing the leachate to trickle down. This leachate is collected through drains between the compost boxes, which is finally drained into the leachate lagoons. Twice a day temperature of the compost is monitored through a temperature gauge. If the temperature exceeds 70C, the compost is remixed, and leachate from the lagoons is mixed to lower the temperature.

It takes 45 days for the organic waste to be in the compost box. After that, it is placed in the maturing box, where the compost is placed for 15 days.

The next and final step is to place the 60 days old compost into the shredder.

The shredded compost is packed in 2kg, 5kg and 25 kg bags for marketing.

d) Operational cost:

Total labours engaged at the facility is 07, with their monthly salaries of Rs. 250,000

The shredding cost is Rs. 1/- per kg.

Rs. 12000/- fuel cost of the Suzuki pickup for a month

e) Manure and leachate marketing:

The selling cost of the manure is Rs. 20/kg, while leachate is provided free of cost. This leachate is used by the farmers after dilution to be sprayed on their fields to increase the fertility of the soil.

f) Area requirement:

During the discussion, the Deputy Manager of the facility informed that for each ton of organic waste, the area required for the facility should be one kanal. As they are catering to 5 tons of daily waste, the facility has been constructed on 5 kanals area.

g) Conclusion:

This model can be replicated for DHPP for two reasons:

1. It requires less land, which will overcome the challenge of land availability and
2. The operational cost is very minimal.

h) Letter/ Minutes/Comments on reports sent to contractors and WAPDA

Sr. No.	Subject
1	Reply letter to RAR-02 regarding environment officer
2	Reply letter to KKH-02 regarding environment officer
3	Reply letter to KKH-01 regarding environment officer
4	Letter to RAR-02 reg spoil disposal
5	Letter to RAR-01 reg spoil disposal
6	Letter to KKH-01 reg spoil disposal site protection measures
7	Reply letter to MW-02 regarding environment officer
8	Letter to WAPDA regarding submission of 5 th draft of DHPP TMP
9	Letter to RAR-02 reg interview of Environment officer
10	Letter to KKH-02 reg approval of KKH-02 Env officer
11	Letter to KKH-01 reg observations noted during the camp audit
12	Letter to RAR-01 reg observations noted during the camp audit
13	Letter to WAPDA regarding Barseen solid waste disposal site
14	Letter to KKH-01 reg environmental audit of contractor's camp
15	Engineer reply on CV of Environment officer KKH-01
16	Engineer reply on CV of Environment officer KKH-01
17	Letter to RAR-01 reg Environmental audit of contractor's camp
18	Letter to KKH-02 reg Env audit of contractor's camp
19	Engineer approval of Environment specialist for KKH-02
20	Letter to MW-01 reg failure to comply with NEQS and monthly spot monitoring
21	Letter to MW-01 reg env audit of camps
22	Letter to env non-compliance regarding use of wood in the camps
23	Letter to MW-01 reg construction of sedimentation tank for the right bank bypass tunnel at starter dam
24	Letter to MW-01 reg design of sedimentation tanks for Uchaar crusher and batching plant
25	Letter to MW-02 reg failure to comply with the NEQS as noted during the monthly wastewater spot monitoring
26	Letter to MW-02 reg Env audit of contractor's camp
27	Letter to MW-02 reg Env non-compliance regarding use of wood in the camps
28	Letter to RAR-02 reg audit of contractor's camp
29	Letter to RAR-02 regarding spoil disposal plan
30	Letter to RAR-02 reg submission of methodology to control dust at construction site
31	Letter to RAR-02 reg provisional approval of env officer
32	Letter to PCI-01R reg env audit of contractor's camp
33	Letter to TL-01 reg env audit of contractor's camp
34	Letter to EM-01 reg audit of contractor's camp

2. Environmental Supervision for Each Contract Site

DHC performed environmental supervision during the reporting month of March 2023 to confirm the implementation of environmental management plans for all contract packages.

2.1. KKH-01 and RAR-01

- a) **Review:** The Environment Section of DHC reviewed Monthly Progress of KKH-01 & RAR-01 of the month of April, 2023 on 9th of May 2023.
- b) **Environmental supervision:** Routine environmental supervision were conducted for both contracts of CCECC. At KKH-01 the environmental non-compliances like Fuel/ Oil Spills, Improper placement of Chemical Tanks, Improper Oil/Fuel Storage, Inadequate housekeeping, Waste/littering, presence of stray dogs and dust. Similarly, at RAR-01 improper placement of fuel drums and absence of hand washing basin. The observations were sent to the contractor through walkthrough environmental inspection report (WTEIR) and letters for rectification of compliances.
- c) **Monthly meetings:** The monthly environmental progress review meeting for May 2023 was conducted on 29th May 2023. All issues relating to Environmental Compliances pending the MoMs and as reported in WTEIR's were discussed in the monthly meeting.

2.2. KKH-02 and RAR-02

- a) **Environmental supervision:** The construction supervision continued during the reporting month. Environmental observations noted during these visits were sent to the contractor in Walkthrough environmental inspection reports (WTEIR). The main issues identified at KKH-02 were minor oil spill, improper spoil management, littering of solid waste, improper fuel storage, non-functional washroom and dust, while at RAR-02 minor oil spills, improper waste management, absence of water coolers and dust issue was observed. The observations were shared with Contractor through WTEIRs as a reference and onward rectification.
- b) **NCR:** Rectification for closure of two NCRs is done by the contractor regarding hiring of environmental officer.
- c) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 29th May 2023. The progress on the agenda items were sought and new observations were made part of the minutes along with timelines for rectification.

2.3. TL-01/EM-01

- a) **Environmental supervision:** The construction work is currently limited to grid station only. Regular site inspections were conducted at the site and some observations noted which were improper waste management and inadequate keeping.
- b) Similarly at EM-01 under construction camp at Kas fuel storage was without any canopy, inadequate housekeeping and minor oil spill. The observations of both the contracts were shared with the contractor through WTEIRs for rectification.
- c) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 30th May, 2023. All the pending issues were discussed in detail with HSE team for earlier rectification.

2.4. MW-01 and MW-02

Environmental Supervision: Daily supervisions were conducted to ensure environmental compliance. Walkthrough environmental inspection reports (WTEIR) were shared with the contractor to rectify the non-compliances observed during the site visits. The non-compliances identified and reported to the contractor for rectification were minor oil spills, dust during operation of crushing plant, inadequate housekeeping, solid waste littering, improper fuel storage, non-maintenance of sanitation facility and non-maintenance of sedimentation tank.

- a) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 29th of May 2023. All issues relating to previous months agreed actions as well as environmental non-compliances identified through WTEIR's were discussed in the monthly meeting.

- b) Monthly Spot Monitoring:** The supervision of the monthly spot monitoring for environmental compliance at MW-01 and MW-02 was not conducted as the contractor was instructed to take necessary mitigation measure to lower the pH values in the sedimentation tanks.
- c) NCR:** No New NCR has been issued on any contract of DHPP for EMAP Non-Compliance. However an NCR close out was done which was regarding Oil spill management.

2.5. PCI-01R

- a) Environmental supervision:** Environmental supervisions were carried out during the month and environmental observations were noted which were sent to the contractor through walkthrough environmental inspection reports. Non-compliances noted at site were Waste Littering, poor drainage, non-maintenance of toilets, non-bundling of concrete floor of fuel storage site and inadequate housekeeping.
- b) Monthly meetings:** The monthly environmental progress review meeting was conducted on 30th May 2023 to discuss the status of progress for pending environmental issues. Minutes of meeting were prepared and shared with all stakeholders. The contractor was instructed to follow up the license for fuel storage at site from chief inspector of explosives as NCR is already issued. The contractor informed that the sampling from the bore has been done and is sent to environmental laboratory for testing. The results will be shared accordingly.

3.4.9 OHS Management Section

The primary responsibility of the Engineer (DHC) OHS Section is to supervise Contractors' implementation of OHSMP and assist PMU in contractual decisions on the OHS performance of the Contractors. Major tasks of OHS Section are the following:

1. Supervise Contractors for effective compliance of the OHSMPs which are built on additional provisions of OHS in the EMAP;
2. Enhanced OHS supervision of all Contractors for OHSMP implementation;
3. Implementation of gap analysis tool for underground works;
4. Finalization of Project Level Emergency Response and Preparedness Plan;
5. Additional tasks to provide support advise to the OHS management related to the Resident Engineers and site personnel; and
6. Plan and conduct trainings related to OHS for PMU, Contractors, and the Engineer's personnel.

The field OHS staffing of DHC in this month are twenty-two (21) supported by one International OHS Advisor/Expert. The following field staffs were available with OHS section during this reporting month:

1. One Foreign Resident OHS Specialist;
2. One Deputy Lead OHS Specialist;
3. Two OHS Specialist;
4. One Traffic Engineer (Working with Environment Section of DHC)
5. Three OHS Professionals;
6. Four Field OHS Professionals;
7. Three Field Inspectors;
8. One Plant & Equipment Inspector;
9. One Assistant Plant & Equipment Inspector;
10. Two Emergency Response Coordinators; and
11. Two Medical Technicians.

Figure below presents the organization chart of DHC OHS section. A number of positions are vacant and in the process of filling them.

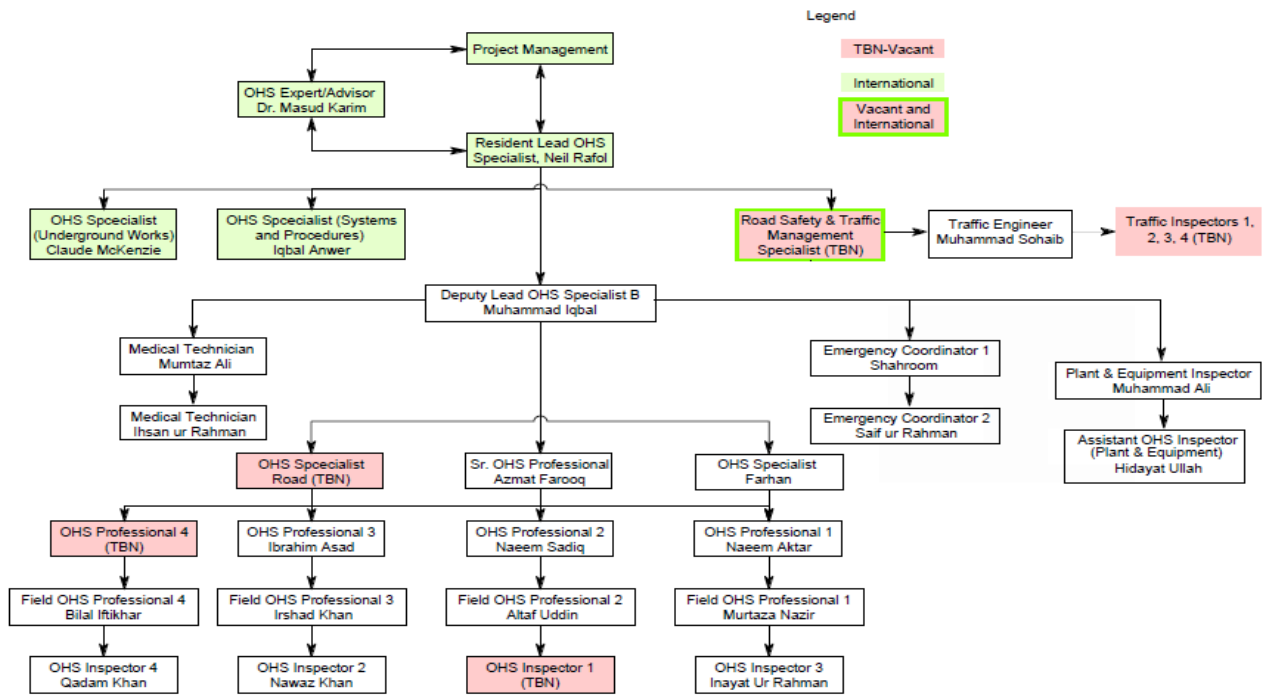


Figure: OHS organization diagram

Please see Section 6 for OHS Management of the Project performed by The Engineer during the reporting month.

3.4.10 Social & Resettlement Management Section

Various Social & Resettlement (S&R) Teams are involved in the implementation of Social and Resettlement Management Plan (SRMP). There are eight teams working under four major sections; (i) Land Acquisition & Compensation and GIS Verification Team, (ii) Resettlement & Rehabilitation Team (Resettlement Team and Public Consultation Team) (iii) Social Development Team (Public Health & Gender Team and In-migrant Management Team), and (iv) Monitoring & Evaluation and MIS Development Team.

Work on SRMP implementation continued during the reporting month (May 2023). Major activities carried out by various S&R teams during the reporting month are summarized below, while details of activities carried out under each section are given in Chapter-7.

1. **Land Acquisition and GIS Teams** performed the following tasks;
 - i. Land Acquisition Team continued assisting WAPDA as well as the Office of Deputy Commissioner / Land Acquisition Collector in the process of acquiring remaining land (131 acres). The team extended its support to Land Acquisition Cell (LAC) for assisting Sub Registrar in completion of documents for private registration deeds to acquire land of the remaining components.
 - ii. As per updated status of Land Acquisition obtained from the Land Acquisition Section under Land Acquisition Collector / Deputy Commissioner's Office, Dasu, Kohistan Upper, a total land of about 4,907 acres of land has been awarded / acquired until May 2023. A total of 77 acres land was acquired during the reporting month (May 2023).
 - iii. Land acquisition formalities for the remaining land (131 acres) is under process. GIS Verification based on revenue record of all the received components has been completed, and signing of sellers (PAPs) on registration deed is in progress. Though the GIS Verification of Harban and Shatial has been completed, however the community still have some reservations and a Commission was formed by the Deputy Commissioner to visit the area along with Revenue and GIS staff to resolve the issues amicably. The Revenue and GIS Team along with Assistant Commissioner (Revenue) visited the Shatial area for verification of acquired land and structures and prepared a comprehensive report.
 - iv. The remaining land mainly include; (i) land in Shatial (84 acres), (ii) Gul-e-Bagh (36 acres), Gummon (03 acres), and Seo Crush Plant Area (08 acres). The land acquisition formalities are in progress to acquire the remaining land by June 30, 2023.

- v. LA & GIS Teams worked to prepare all required documents and verified revenue records and cost assessments of on-going components. The team digitized received revenue record, helped revenue team in record rectification, and submitted the rectified record to GIS team for verification.
- vi. GIS Verification of almost all the received components have been completed. During the reporting month, GIS section received revenue record of Baily Bridge Gummon Looter Area-3 files for verification and for issuance of GIS certificate. The same was returned back with observations after processing as overlapping in Cadastral Map was found with adjacent components GIS Team also remained engage replying the applications of the AHHs regarding their reservations about GIS verification. The team also remain involve in preparing the briefs as well as explanation notes and organizing land and GIS data for court cases – number of court cases regarding GIS are being dealt by the GIS Team.
- vii. The LA Team also involved in verifying cost assessments for transfer of compensation funds in DC/LAC account. During the reporting month, Cost estimate of fruit trees of “Shati furring the reporting month, which was verified and submitted to WAPDA for transfer of funds to LAC designated account.;
- viii. The team assisted LAC team in paying compensation money to the PAPs, cheques were prepared. By May, 2023, a total amount of PKR 19.45 billion has been paid as compensation money to 8,109 PAPs through 11,998 cheques During May 2023, an amount of PKR 307,656,618/- was paid as compensation payment to 146 PAPs of 08 components. A total of 216 cheques were issued by DC office during the reporting month.
- ix. The payment of land leasing of Kass area remained in progress. An amount of Rs. 548,268,836/- has been paid to 256 Beneficiaries of various Kass Areas by the end of reporting month (May 2023). No cheque was paid during the reporting month.
- x. By the end of the reporting month, 83% of Kass land has been paid and handed over to the Contractor while the remaining 17 % area of Kass is under process of compulsory acquisition as it could not be taken over on lease due to title disputes.
- xi. During the reporting month, No new Section-4 or corrigendum of Section-4 were prepared.

2. Resettlement & Rehabilitation Team includes Resettlement Team, Public Consultation Team, and Livelihood Team. The Teams performed the following tasks;

- i. The S&R and consultation teams supported contractors and Infrastructure teams in resolving issues during the reporting month (Khushi-1, Khushi-2, Nasirabad-1 Nasirabad-2, Chuchang-1, and Chuchang-4). The sites were visited to resolve the emerging social issues during the reporting month.
- ii. S&R Teams mainly remained engage in preparing and payment of Enhanced Self-Managed Relocation (ESMR) Package. By the end of May 2023, an amount of Rs. 4,553.05 Million were paid to 1,302 Affected Households for ESMR package. Out of total, an amount of Rs. 1,064 Million is paid to 304 AHHs of Siglo.
- iii. By the end of April 2023, a total of 1,937 cases of Phase-1 & Phase-II have been processed, out of which 1,387 approved, 436 rejected, 36 subjudice and remaining (78) were under process to be reviewed in joint sessions.
- iv. Relocation of houses from eight priority villages remained in progress, however the case of Siglo is critical. Out of the total paid cases (302) of Siglo, 263 AHHs has relocated to other places after demolishing their structures.
- v. The District administration conducted a series of Jirgas for the relocation of AHHs of Siglo, who are demanding ESMR Package for all their houses including the rejected cases. So far 310 out of 391 approved cases of Siglo have been paid while Joint Committee Meetings held during the reporting month to review the rejected cases of Siglo.
- vi. The S&R teams also kept engage in revising the files as per the comments of Review & Scrutiny Committee (RSC) and Payment Committee (PC).
- vii. A series of meetings were conducted with Deputy Commissioner (Kohistan Upper) during reporting month regarding the progress of ESMR files preparation and payments.
- viii. S&R Team also remained engaged to receive & review number of applications regarding SMR from the community. The reply of priority applications was prepared and submitted.

- ix. The team also remained involved in preparing TRP files and assist WAPDA to pay TRP to the AHHs. By the end of May 2023, a total amount of PKR 101,683,447/- paid as TRP to 210 AHHs relocating to RVs (PKR 90,738,554/-) and 86 self-opted (PKR 10,854,893/-) AHHs of 13 components. An amount of PKR 90,000/- was paid to one AHHs from 04 resettlement components during April 2023. In addition to HHs, PKR 3,926,220/- were paid to the owners of 43 commercial structures of Khushi, Sigloo, Tailrace Kuz Chuchang, and Barseen Area.
 - x. The Public Consultation Team assisted R&R team and LADP teams in community consultations regarding resettlement sites (Khushi 1&2, Nasirabad 1&2, and Dhaat 1), LADP schemes, and resolved day-to-day social issues.
 - xi. ILRP is no more under the scope of DHC and has awarded to the new Consultants (NESPAK) along with the implementation of Local Area Development Program (LADP). The new consultants have taken over ILRP and have prepared revised plans and methodology. The component is now being reported directly to WAPDA by the new Consultants. ILRP Team of DHC, 0completed 13 reports on the "Utilization of Compensation Money", covering 39 components and submitted to WAPDA.
 - xii. The position of Jr. Livelihood Professional has been re-designated to Jr. Resettlement Professional who is now involved in assisting R&R and Public Consultation Teams in finalizing TRP cases and consultation with the communities regarding TRP as well as estimation of project allowances for disbursements of payments.
 - xiii. Similarly, the implementation of LADP has now been assigned to the new consultants (NESPAK Consultants). The contract commenced and a team of consultants has started their work. The Team of NESPAK Consultants is directly reporting to the Employer and the World Bank.
- 3. Social Development Team (Public Health & Gender Teams, In-Migrant Management (IMM) Team, and Downstream Impact Management (DIM) Team, Communication Team, GRC Team) performed the following Tasks;**
- i. Likewise, the Public Health Implementation Plan has also been included in the scope of new LADP Consultants (NESPAK). A couple of meetings of WAPDA S&R Team including Assistant Director Public Health with the representatives of new consultants regarding the new arrangements were held during the month. The activities under this component are being supervised by the Director General Social Safeguards in assistance with Director S&R and Assistant Director Gender and community Health (WAPDA). From now onward the NESPAK Consultants will report the monthly progress of this component and the section will be deleted from DHC Report.
 - ii. Skill Development Course is in the final stages of completion and a total of 24 participants, (women and girls) have been able to complete their two months course. Participants have learnt various skills i.e. drafting and pattern making, dress designing, embroidery, hand bags and pouches making, ribbon work and frame making etc.
 - iii. Gender Awareness and sensitization 'Participants hand Book' in Urdu reviewed and is now at final stages.
 - iv. Preparations for LHV course are in progress and a list of 35 candidates have been finalized. Approval Letter from Secretary Health has been received, while from Pakistan Nursing Council is in the final stages.
 - v. In May, 2023, follow-up coaching sessions with key religious leaders were conducted as a regular practice for maintaining their interest and active involvement. These religious are under conceptualization stage of wide spread implementation of literacy courses for women, men and girls.
 - vi. In order to promote women and girls literacy in the project areas, a proposal for the Literacy Course (10 months) for Bari Rango Village had been developed, finalized and approved by WAPDA. Finally approved budget has been transferred to National Commission on Human Development (NCHD) for launch of course at Bari Rango Village.
 - vii. A ten months implementation plan for Bari Rango literacy course has been developed in collaboration with NCHD, Teacher Trainer has been selected from district Shangla. Bae Line Assessment Format has been developed in Urdu.

- viii. The Communication Team remained engaged in public dealing and sharing information regarding Dasu HPP with local community and general public through Public Information Centre (PIC) continued.
- ix. Distribution of already published information material continued among the affected communities in the project area.
- x. The IGRC activities remained in progress. Out of total 364 complaints / grievances received by May 2023, 363 (99%) were resolved. Only one case regarding property/utility damages or safety is in process. IGRC received two applications during the reporting month.
- xi. The IMM team organized workforce data received from all contractors and other stakeholders. A total 6,368 workers were recorded working with the contractor and other organizations under DHPP by the end of reporting period.

4. Monitoring & Evaluation (M&E) and MIS Development Teams performed the following tasks

- i. M&E Team also supported LA and R&R Teams in monitoring of compensation payments (in DC Office) and TRP allowances disbursement (in WAPDA).
- ii. The M&E team organized compensation payment and TRP data and prepared updated status. The team also remained involved in assisting the payment of project allowances and updating in MIS.
- iii. The M&E Team also remained engaged to enter compensation payment record in MIS as well as prepare documents for accounts adjustment.
- iv. During the reporting month, the M&E Team assisted WAPDA and Team of Auditors in providing the required digitized records and the supporting documents. The team also prepared summaries and supporting documents for the accounts adjustment of compensation records and assisted WAPDA Accounts team.
- v. The M&E team also supported MIS team in the development and upgradation of on-going modules for finalizing input and output formats. The team mainly worked on SMR sub-module for developing input and output formats.
- vi. The MIS Team mainly worked on the development of output tables of already developed modules and no work was done on the remaining modules (OHS and Environment). About 87 % of MIS Development work has been completed by May 2023.

3.4.11 Others

a) Planning & Work Sequence Monitoring Section

- i. The Contractor (CGICOP) of PCI-01R has submitted his claim for 2nd Extension of Time (EoT-2) having 26 no. of delay events. The events have been examined and an assessment draft report has been prepared. The report will be finalized in the coming month and will be issued to the Employer.
- ii. Preparation of the Contract programme (Baseline Schedule) of the MW-01 Contract for the prolongation cost claim is in progress.
- iii. Preparation of the Contract programme (Baseline Schedule) of the MW-02 Contract for the prolongation cost claim is in progress.
- iv. The Engineer has examined the Contractor's (CGGC) updated schedules R5D12 and R5D13 for MW-02 works. Progress and delays have been analyzed, and comments will be shared with the Contractor in the coming month for the necessary action.
- v. Discussion and negotiations with the Contractor regarding the Baseline Schedule for RAR-02 Contract are in progress. The Contractor has been asked to provide supporting documents for the schedule to enhance the narrative report. The Engineer has reviewed the Contractor's submission and drafted comments for the revised report.
- vi. The Contractor (Zhongmei) has submitted his revised interim EoT-2 claim. The Delay events have been analyzed by the Engineer. An assessment/recommendation report is drafted and will be shared with the Employer in the coming month.
- vii. The Contractor (CCECC) has submitted an EoT-3 claim to the Engineer. The Engineer has reviewed the report and noted that the required supporting particulars are missing in the submission. Therefore, the Contractor will be requested to provide the requisite data for the Engineer's analysis.
- viii. Prepared phasing budget of all contracts (Disbursement Schedule) for WAPDA.

- ix. A prepared list of equipment to be transported to the site of Main Works (MW-01, MW-02) has been provided to WAPDA.
- x. Preparation and submission of various periodical reports, letters, and updates.

b) Laboratory and Quality Assurance Section

- i. QA/QC-related correspondences:** The correspondences from all Dasu Contractors and WAPDA are being reviewed and responded. The issued AFIs (Availability for Inspection) by the Contractors are being performed and, when required, controlled and commented on; letters are being prepared and sent to the Contractors related to the QA/QC issues observed at the Site. Inter-section meetings have been regularly held with other parts of DHC regarding Technical Specifications and Contractual issues to clarify some design parameters and make a primary platform for QA/QC test methods and frequencies. Planning for required DHC staff up to the end of Dasu project and been prepared and submitted to the management for further evaluation.
- ii. Approval of the material sources and manufacturers:** The submitted documents and certificates of sources proposed by the Contractors are being reviewed and commented on. In the scope of MW-01&MW-02, for the Natural Pozzolan Source 1, the quality control tests are being performed. A Water Bound Macadam material source has been evaluated and approved in the scope of RAR-01&KKH-01 work. The Evaluation of FOSPAK Ltd Manufacturer of concrete admixture and sealant material has been carried out in the scope of KKH-01 work. The Sheikho Steel factory has been evaluated and a manufacturer visit and jointly sampling has been instructed in the scope of the PCI-01R work. The proposed tunnel material assessment is ongoing in the scope of KKH-01 work.
- iii. Smart Quality Control Database (Test Results):** The database is regularly being prepared, including aggregates, cement, admixtures, reinforcement, Concrete, Mortar, Shotcrete, Grout, and etc. is also in progress. Any unusual trend of material and products properties are being monitored; in case of non-conformance, required instruction are being instructed to the Contractors. The database of third-party laboratory test results are being recorded. Gathering and evaluating data regarding CR2 and CR9 and New UCHAR Batching Plants printouts and Daily summaries are regularly being done (the new UCHAR Batching Plants starts to produce since this month). The daily report of all activities in the Barseen Laboratory is being recorded. The UCHAR new and old Temporary Crushing Plants daily production active time is also being monitored (MW-01&MW-02). Evaluating the main works database for all material was performed during May month. In the scope of RAR-01 and KKH-01 works, the CCECC Contractor updating their soft-form database at the ZAL camp laboratory office. A new integrated database of all petrographic and Alkali Silica Reactivity test results are being updated in the scope of Main Works.
- iv. Sampling and Testing of Fresh Construction Products:** Determining the compressive strengths, workability, and density of the produced concrete, shotcrete, grouts, and mortar mixes, sampling, and testing are regularly ongoing, as per the Technical Specifications for Dasu Projects. The New UCHAR Crushing Plant (Number #1) is practical at the moment and the Contractor adjusted most of the productions according to the Technical Specifications of the project except some coarse aggregates sizes and shape index are out of the range. However the Contractor is trying to adjust the remaining deficiencies. The regular sampling from the new products are ongoing. The UCHAR Batching Plant construction phase is almost completed. The ice factory and chilled water parts installation are ongoing. The calibration of the batching plant has successfully been carried out in the scope of Main Works.
- v. Field Tests:** In the scope of KKH-01 and RAR-01 (bypass part) rock bolt, regular-based pull out and field density of backfilling and filling tests are being performed. The field performance trials of the proposed Shotcrete has been tested at the Cable Crane left bank foundation area in the scope of MW-01 Work. The aggregate production rate measurement of UCHAR crushing plant (Number #1) will be carried out after fully operation of the facility (after supplying full power source with new generators which are being installed by the Contractor). In the scope of KKH-01, the access road to the Colony, coring from the RCC Pavement are being performed after reaching the specified age of

strength. The quality of produced material including fine and coarse aggregates are regularly being measured in the scope of Main Works. Some coring from the starter dam concrete work have been performed due to the quality assurance of the work.

- vi. Follow-up, Review, and Evaluation:** The monitoring and evaluation of test results according to technical specifications is in progress the scope of the Dasu projects. Petrographic analysis and Alkali-Silica Reactivity test results are regularly being evaluated for MW-01, MW-02, and KKH-01 works. The Third-party laboratory petrographic analysis and ASR accelerated test results of Kaigah quarry, underground excavations and some local rock samples are being evaluated. Some supplementary tests have been instructed to evaluate the quality of Pozzolan and the received test results are being studied in the scope of Main Works. The monthly third party laboratories test results for different material are being evaluated in the scope of Main Works. The local DHC inspectors are being trained by the senior Engineers to systematically follow up and control the production (Concrete, Shotcrete, and Mortar) quality at the batching plants. The Contractors including CGGC and CCECC should hire well-experienced laboratory technicians and Engineers to improve quality control and decrease the variations at the site and laboratory. An updated test plan for short and long term properties of utilized rock material regarding ASR phenomena has been provided in the scope of MW-01, MW-02 and KKH-01 works. For KKH-01 work, the taken rock samples based on the designed test plan have been submitted to the Third-party laboratories.
- vii. Consigned Material and 3rd party laboratory tests:** Routine Quality Control Tests on the consigned cement, reinforcement steel bars, wire mesh, and other steel materials, and admixtures are ongoing at the Site Laboratories and 3rd party laboratories. The test results have been reviewed and evaluated, and accordingly, relevant actions have been taken. In the scope of MW-01&MW-02 works, water, Cement, Rebar, Rock Bolts, Rock Bolts Components, Admixtures, wire mesh, Water stop samples have been taken and submitted to the 3rd party laboratories. In the scope of the KKH-01 project, samples from different project materials have been taken submitted to the 3rd party laboratories including different tunnel materials, excavated rock samples from different tunnels, corrugated HDPE pipe material and profile, cement, deformed rebar and admixtures. In the scope of MW-01, a list of RCC special tests has been issued by the Engineer and searching to find Third-Party laboratories that could perform the tests, according to the required test method is ongoing. Regarding this activity the Engineer got close help from WAPDA Engineers. For final approval of the RCC mix designs, performing of these tests are essential. Through each sample delivery plan, the engineer always tries to maintain close technical communication with the third party laboratories regarding the required standard test methods according to the Dasu projects specifications. The evaluation of Third-Party laboratory test results and their reported interpretations are regularly being performed by the Engineer.
- viii. RCC Mix Design:** Second Stage RCC Mix Trial Program recommended by Dr. Dunstan has been performed with different cement Fauji OPC and Natural Pozzolan source 1 contents. The long-term test results (365 days) were completed in May 2022. The MW-01 Contractor has recently performed alkali reactivity tests on blended cement (Cement and natural pozzolan) that have been used in mentioned mix trials as per Technical Specifications. The Engineer received the 3rd party laboratory test results; the results show the Natural Pozzolan is effective to control the deleterious expansion due to the Alkali Silica Reaction. The Contractor is also requested to repeat the nominated mix proportions at the Barseen laboratory to confirm the selected proportions, especially to verify the achieved compressive strength and the performance of the utilized water retarder/reducer. Regarding this matter, the Contractor submitted the requested RCC verification test plan and the Engineer is reviewing the correspondences. These test will be started on next month. Other tests like Permeability (from the mass and inter-layer joint parts), Poisson ratio, Module Elasticity, Tensile Strength, Shear Strength, Creep, Volume Change, and Dynamic and Thermal Properties should be performed on hardened concrete samples which some of them will be undertaken from the Field Trial Placement program. The limits for mentioned parameters has been declared to the Contractor through a formal letter by

the Engineer. The method statement of RCC Field Trail Placement (FTP) has been reviewed by the Engineer and the respective reply letter submitted to the main works Contractor.

The Engineer declared the chosen mix proportions for the final cementitious material content based on long-term laboratory test results. Regarding the cementitious range of the RCC mixes, the Contractor believes the 365 days specified compressive strength should be considered according to the Contract. Based on Dr. Dunstan's experiments in Lahore Mix Design Program, the Engineer requested the Contractor to consider the option of 1000 days of age for the Compressive strength of RCC different classes to optimize the cement content and reduce the heat generations more during the construction phase. The Contractor will continue with 365 days design age. After receiving the 1000 days of second stage mix trial test results, decision will be made to adjusting the mix design proportions. For execution of FTP, the completion of permanent RCC Crushing Plant (No#02) is necessary. The Civil works which have been started since February month of 2023 at Seo area is ongoing.

The first RCC Mix Design-V00 studies report has been prepared and submitted to the Employer and Contractor for the record.

- ix. Other Mix Designs:** Developing and updating conventional concrete, grout, and shotcrete mix designs by assigning and changing in any ingredients like cement, pozzolan, aggregates sources, etc., are continuing at the site laboratories.

In the scope of the MW-01&MW-02 works, Pozzolanic CVC mix trials are completed for different classes of concretes. After evaluation of these mixes the Engineer make necessary comments and requested the Contractor to repeat the trials with instructed modifications. In the scope of KKH-01&RAR-01 work, a full series of CVC different mix designs have been evaluated and approved.

- x. Monthly Laboratory Monitoring and other facilities:** Maintenance and Operational condition of the Contractor's laboratories have been regularly performed. Materials, sewage system, calibration testing, power supply, air conditioning, etc. In the scope of the KKH-01 works, the CCECC contractor mobilized to ZAL camp laboratory with afresh purchased apparatuses. Some of recently purchased equipment are still not operated by KKH-01 Contractor.

c) Survey Section

The following activities have been carried out at site during this month:

i. Dasu-RAR-01: Survey Supervision Activities

- **Jointly survey of sub-base top level at :**
Km 1+562.25 to Km 1+700 KOMILA Bypass
Km 1+700 to Km 1+875 KOMILA Bypass
Km 2+050 to Km 2+300 KOMILA Bypass
Km 0+950 to Km 1+106.25 KOMILA Bypass
Km 1+875 to Km 2+050 KOMILA Bypass
- **Jointly survey of sub-Grade top level at :**
Km 2+050 to Km 2+300 KOMILA Bypass
Km 1+875 to Km 2+050 KOMILA Bypass
- **Jointly survey of road excavation at :**
Km 1+700 to Km 1+875 KOMILA Bypass
- **Jointly survey of Breast wall foundation at :**
Km 0+500 to K0+568 KOMILA Bypass
Km 0+568.75 to Km0+612.50 KOMILA Bypass
- **Jointly survey of after removal of slide material at :**
Km 0+035 to Km 0+125 KOMILA Bypass
- **Jointly work done survey of road excavation at :**
Km 1+700 to Km 1+875 KOMILA Bypass
Km 1+875 to Km 1+050 KOMILA Bypass
Km 2+050 to Km 2+300 KOMILA Bypass
Km 0+00 to Km 0+925 KOMILA Bypass
Km 0+925 to Km 1+800 KOMILA Bypass
Km 0+664 to Km 0+929 KOMILA Bypass

- **Joint survey of Removal Slide material at :**
Km 0+000 to Km 0+400 KOMILA Bypass
- **Joint Topographic Survey of komila bypass at :**
Km 0+300 to Km 0+400 KOMILA Bypass

ii. RAR 02: Survey Supervision Activities:

- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 KANDIA main road at Km34+330 to Km34+850
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 KANDIA main road at Km34+330 to Km34+850
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 KANDIA main road at Km33+400 to Km33+600
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 KANDIA main road at Km33+400 to Km33+600
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km34+120 to Km34+170
- Joint Survey for shallow-hole and split blasting of main road at RAR-02 Km32+700 to Km32+640 right side from KANDIA Bridge
- Joint Survey for boulders measurement at RAR-02 Km34+380 to Km34+400 right side from KANDIA bridge
- Established new concrete control points from KAIGAH to dam site for RAR-02
- Established new concrete control points from KAIGAH to dam site for RAR-02
- Established new concrete control points from KAIGAH to dam site for RAR-02
- Established new concrete control points from KAIGAH to dam site for RAR-02
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km42+640 to Km42+660
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km24+750 to Km24+800
- Joint Survey for shallow-hole and split blasting of main road at RAR-02 Km34+200 to Km34+220 right side from KANDIA Bridge
- Joint Survey for shallow-hole and split blasting of main road at RAR-02 Km34+230 to Km34+270 right side from KANDIA Bridge
- Joint demarcation of ROW (limit) at RAR-02 Km36+850 to Km36+950 for removals trees at KANDIA
- Joint demarcation of ROW (limit) at RAR-02 Km36+950 to Km37+000 for removals trees at KANDIA
- Joint topographic Survey of temporary access road RAR-02 Km34+000 at KANDIA NULLAH
- Joint topographic Survey of temporary access road RAR-02 Km34+000 at KANDIA NULLAH
- Joint Survey for shallow-hole and split blasting of main road at RAR-02 Km34+370 to Km34+400 right side from KANDIA Bridge
- Joint Survey of traverse points from KAIGAH to dam site for RAR-02
- Joint Survey of traverse points from KAIGAH to dam site for RAR-02
- Joint topographic Survey of temporary access road RAR-02 Km36+000 at KANDIA NULLAH
- Joint topographic Survey of temporary access road RAR-02 Km36+000 at KANDIA NULLAH
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km42+230 to Km42+250
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km40+310 to Km40+325
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 KANDIA main road at Km36+800 to Km33+900
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km31+810 to Km31+830
- Joint demarcation of ROW (limit) main road RAR-02 at Km34+200 to Km34+380
- Joint Survey for shallow-hole and split blasting of main road KKH-02 at Km42+620 to Km42+630
- Joint demarcation of ROW (Limit) main road RAR-02 at Km36+000 to Km36+200
- Joint Survey for Formation of Embankment with Rock Material of 17 Layer at RAR-02 Main Road Km13+270-K13+390

iii. Dasu-KKH-01: Survey Supervision Activities

- **Joint Survey of excavation work and support work at :**
K-9 Tunnel K 9+504 to K-9 +609
- **Joint Survey of excavation work and support work at :**
K-4 Tunnel K 4+306 to K 4 +235
- **Joint Survey of excavation work and support work at :**
K-11 Tunnel K 11+887 to K 11 +855
- **Joint Survey of excavation work and support work at :**
K-23 Tunnel K 23+630 to K 23 +611
- **Joint topographic survey of retaining wall after backfilling at :**
Km 0+965 to Km 0+981

Km 1+058 to Km 1+065
Km 1+090 to Km 1+103
Km 7+812 to Km 7+831
Km 8+056 to Km 8+112
Km 8+00 to Km 8+018

- **Topographic Survey at :**
BARSEEN Solid Waste Area Survey for Environment Section
- **Joint survey Marking for top level of concrete at :**
Km 0+300 to Km 1+300
- **Joint topographic survey at :**
Km 10+360 to Km 10+531
- **Joint survey of retaining wall foundation at :**
Km 1+053 to Km1+058 KHUSHI access Road
- **Joint survey of A1 Class Concrete at :**
Km 8+056 to Km 8+112
Km 8+018 to Km 8+056
Km 8+000 to Km 8+018
- **Joint survey for the foundation and A1 Class concrete of Toe wall at :**
Km 0+716 to Km 0+728
- **Joint work done survey of excavation of IPC at :**
Km 1+412 to Km 1+881
- **Joint work done survey of slope protection (Shortcrete) at :**
Km 1+400 to Km 2+000

iv. Dasu-KKH-02: Survey Supervision Activities

- Joint Survey for shallow-hole and split blasting of KKH-02 main road K46+70 to K46+80
- Joint Survey for boulders measurement at KKH-02 main road Km 46+250 to Km 46+300
- Joint Survey for boulders measurement at KKH-02 main road Km 34+120 to Km 34+140
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42+640 to Km 42+260
- Joint Survey for boulders measurement at KKH-02 main road Km 46+280 to Km 46+300
- Joint Survey for shallow-hole and split blasting of access road at KKH-02 RD-Km 42
- Joint Survey for boulders measurement at KKH-02 main road Km 31+960 to Km 31+970
- Demarcation of tunnel inlet and outlet KKH-02 at LACHI NULLAH
- Joint classification of geological survey of KKH-02 zone (REVISION-C)
- Topographic survey of KAIGAH NULLAH
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42+660 to Km 42+670
- Joint Survey for boulders measurement at KKH-02 main road Km 46+230 to Km 46 +320
- Joint classification of geological survey of KKH-02 main road zone (REVISION-C)
- Joint Survey for rock classification of main road KKH-02 Km 29+692 to Km 29+892
- Demarcation of ROW KKH-02 main road at PANIBAH
- Joint Survey for rock classification of main road KKH-02 Km 32+883to Km 32+956
- Joint geological survey of looter bridge (dkzk1-dkzk2)
- Topographic survey of soil waste area at bar seen
- Topographic survey for water supply at KAIGAH NULLAH
- Joint survey for counting and removal trees of KKH 02 main road Km 32+520 to km 32+800
- Joint Survey for shallow-hole and split blasting of new camp at looter RD39
- Joint classification of geological survey of KKH-02 main road K45+500 to Km 45+630 zone (REVISION-C)
- Joint Survey for shallow-hole and split blasting of KKH-02 main road K0+320 to Km 0+330
- Joint Survey for boulders measurement at KKH-02 main road Km 36+320 to Km 36+330
- Joint survey for counting and removal trees of KKH 02 main road Km 37+300 to km 37+350
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42+630 to Km 42+660
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 40+70 to Km 40+80
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 31+940 to Km 31+970
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 34+160 to Km 34+180
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 26+370 to Km 26+400
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 24+790 to Km 24+810
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 46+050 to Km 46+070
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 36

- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 34+180 to Km 34+200
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 34+200 to Km 34+220
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 31+880 to Km 31+970
- Joint Survey for boulders measurement at KKH-02 main road Km 40+230 to km 40+250
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42+675 to Km 42+680
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 40+280 to Km 40+285
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 36+275 to Km 36+280
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 24+825 to Km 24+830
- Joint Survey for boulders measurement at KKH-02 main road Km 34+340 to km 34+360
- Joint Survey for boulders measurement at KKH-02 main road Km 40+270 to Km 40+285
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 31+110 to Km 31+950
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 34+110 to Km 34+120
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 33+840 to Km 33+870
- Demarcation of ROW KKH-02 main road at GADEER
- Joint Survey for boulders measurement at KKH-02 main road Km 46+230 to Km 46+320
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 32+510 to Km 32+515
- Joint Survey for boulders measurement at KKH-02 main road Km 46+240 to Km 46+300
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 24+890 to Km 24+930
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 26+370 to Km 26+420

v. Project Colony Survey Supervision Activities:

- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+000 To 0+030
- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+030 To 0+060
- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+060 To 0+090
- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+090 To 0+120
- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+120 To 0+140
- Joint Survey and Check NGL ,Subgrade Top Level of S 1 Road from RD 0+140 To 0+160
- Joint Survey and Check Top Level of P 1 Road Drain Top Slab at RD 0+180 To 0+195.
- Joint Survey and Check Top Level of P 1 Road Drain Top Slab at RD 0+195 To 0+215.
- Joint Survey and Check Excavation Level of Plinth Protection at Category 2B Part 2.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+000 To 0+025.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+025 To 0+050.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+050 To 0+080.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+080 To 0+105.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+105 To 0+130.
- Joint Survey and Check Base Course Top Level of S2 Road from RD 0+130 To 0+165.
- Joint Survey and Check NGL Subgrade Top Level of S3 Road from RD 0+190 To 0+210
- Joint Survey and Check NGL Subgrade Top Level of S3 Road from RD 0+270 To 0+290.
- Joint Layout of Watch Tower No 1 at Project Colony.
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+160 To 0+180.
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+180 To 0+200.
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+200 To 0+220.
- Joint Topographic Survey of Pipe Line at UCHAR NULLAH,
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+240 To 0+260.
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+260 To 0+286.
- Joint Layout of Watch Tower no 2.
- Joint Survey and Check Excavation Level of Plinth Protection at Category 2B Part 3.
- Joint Layout of Watch Tower no 5.
- Joint Survey and Check Excavation Level of Plinth Protection at Category 2B Part 5.
- Joint Layout for Retaining Wall at KUZ CHUCHANG Lover Portion.
- Joint Survey of Bed Level of Main Entrance Walk Way of Car Porch Area at Category 2B Part 11.
- Joint Survey and Check Excavation Level Main Entrance Car Porch and Corridor at Cat 2B Part 12
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+010 To 0+040
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+040 To 0+065
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+065 To 0+090
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+090 To 0+125
- Joint Survey and Check Base Course Top Level of S1 Road from RD 0+125 To 0+160
- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+000 To 0+025.
- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+025 To 0+050.
- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+050 To 0+080.

- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+080 To 0+105.
- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+105 To 0+130.
- Joint Survey and Check NGL Subgrade Top Level of S2 Road from RD 0+130 To 0+165.
- Data Collection of Main Septic Tank near KKH.
- Joint Survey of Bed Level of Main Entrance Walk Way of Car Porch Area at Category 2B Part 12
- Joint Survey and Check Base Course Top Level of S3 Road from RD 0+190 To 0+215.
- Joint Survey and Check Base Course Top Level of S3 Road from RD 0+215 To 0+240.
- Joint Survey and Check Base Course Top Level of S3 Road from RD 0+240 To 0+260.
- Joint Survey and Check Base Course Top Level of S3 Road from RD 0+260 To 0+290.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+160 To 0+180.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+180 To 0+200.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+200 To 0+220.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+220 To 0+240.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+240 To 0+260.
- Joint Survey and Check NGL Subgrade Top Level of S1 Road from RD 0+260 To 0+286.
- Data Collection of Water Tank near Telenor Tower CHUCHANG.
- Joint Topographic Survey of KUZ CHUCHANG Upper Portion.
- Joint Topographic Survey of Pipe Line at UCHAR,
- Joint Survey and Check Top Level of Box Culvert P 1 Road RD 0+110 to 0+120 Front of S 1 Road

vi. Main Works Survey Supervision Activities

- Joint survey at PEA-2 plug section for installed steel arch K0+234 to K0+249
- Verification of Geological over break quantity at TRT-1 CH: 0+014 to 0+018
- Data collection of as built causeway at UCHAAR
- Joint formwork verification for 2 meter concrete at starter dam part I-2-3
- Joint formwork verification for 2 meter concrete at starter dam part III-3-2
- Observed River water level at UCHAR, BARSEEN and diversion tunnel's inlet and outlet
- Verification of Geological over break at Left bank traffic tunnel
- Joint survey for invert concrete (pavement) at Exhaust Tunnel K0+127 to K0+115
- Observed river water level at UCHAR, BARSEEN and diversion tunnel's inlet and outlet
- Joint formwork verification for 2 meter concrete at starter dam part II-3-2
- Joint inspection for convergence points installation at transformer cavern
- Joint retaining Wall formwork checked at power intake area before pouring concrete
- Verification geological over break quantities at TRT1
- Observed River Water level at KASS steel truss Bridge
- Joint formwork verification of protective wall concrete at dam site
- Joint monitoring river Water Levels at Starter Dam, upstream Gauge Down Stream gauge
- Joint formwork verification at PEA-2 side walls before pouring concrete
- Joint formwork verification for 2 meter concrete at starter dam part I-2-9
- Joint inspection for invert concrete (pavement) at exhaust tunnel CH: 0+154.5 to 0+174.5
- Joint formwork verification for 2 meter concrete at starter dam part III-1-6
- Joint formwork verification for 2 meter concrete at starter dam part II-3-10
- Joint formwork verification for 2 meter concrete at starter dam part III-2-2
- Joint formwork verification for 2 meter concrete at starter dam part III-2-4
- Joint formwork verification for 2 meter concrete at starter dam part I-2-10(1)
- Joint formwork verification for 2 meter concrete at starter dam part I-3-10
- Joint formwork verification for 2 meter concrete at starter dam part I-3-10(1)
- Joint survey for formwork setting out at Switchyard area (Drain ditch) EL: 948.9m ~ 951.56m
- Joint formwork verification for 2 meter concrete at starter dam part I-3-9
- Joint formwork verification for 2 meter concrete at starter dam part I-3-8
- Joint survey for formwork setting out at Switchyard area (Drain ditch) EL: 952 to 954
- Joint survey for formwork setting out at Switchyard area (Drain ditch) EL: 965 to 967
- Joint formwork verification for 2 meter concrete at starter dam part III-1-2
- Joint verification geological over break survey at Right bank Diversion Tunnel CH: 0+402 to 0+412
- Joint checked formwork at Drain Ditch at switchyard before Pouring concrete
- Observed Weekly River Water Levels at DTA and DTB inlets and Outlets for water Discharge
- Joint formwork verification for 2 meter concrete at starter dam part I-3-4
- Joint as built survey at switchyard left side
- Topographic survey at dam site for 3rd gallery portal area
- Joint formwork verification for 2 meter concrete at starter dam part I-4-7

- Joint survey for geological over break at LBTT CH: 1+138 to 1+144
- Verification of as built survey cable crane foundation RB for quantity calculations El: 1059 to 1037
- Joint as built survey at power intake for current situation and quantity calculations
- Joint as built survey at SIGLU NALLAH for Debris Material
- Verification of as built survey of Power Intake for quantity calculations El: 980m to 990m
- Features data collection at KAIGAH Quarry area
- Joint as built survey at Cable crane foundation right bank for current situation
- Joint survey for invert concrete (pavement) at Exhaust Tunnel K0+150.5 to K0+138.5
- Joint survey for formwork verification at switchyard drain ditch El: 949m to 956m
- Verification of Geological over break quantities of LBTT CH: 0+992 to 1+012
- Joint survey for formwork at switchyard compound (Drain Ditch) El: 949m to 956m
- Joint survey for invert concrete (pavement) at Exhaust Tunnel K0+138.5 to K0+126.5
- Joint survey before construction of retaining wall at Power Intake area CH: 0+170 to 0+182
- Verification of geological over break quantity at Traffic Diversion Tunnel CH: 1+236 to 1+231
- joint formwork checked at Starter DAM Block III-1-7 before pouring concrete
- Joint survey for invert concrete (pavement) at Exhaust Tunnel K0+115 to K0+111.5
- Joint survey for invert concrete (pavement) at Exhaust Tunnel K0+111.5 to K0+099
- Joint as built survey at Right bank cable Crane (current situation)
- joint formwork checked at Starter DAM Block I-2-1 before pouring concrete
- joint formwork checked at Starter DAM Block I-4-10 before pouring concrete
- joint formwork checked at Starter DAM Block III-1-1 before pouring concrete
- Joint as built survey for excavation at SIGLO NULLAH
- Verification of survey control network at Left Bank Traffic Tunnel
- Verification of SIGLO NULLAH as built survey for quantity calculations
- Verification of switchyard as built survey for quantity calculations
- Verification of geological over break quantities at LBTT Km: 1+231 to 1+236
- Joint as built survey at Starter Dam
- Observed weekly water levels at DTA, DTB inlets and outlet for water flow measurements
- Joint as built survey at right bank cable crane EL: 1035 to 1020
- Joint as built survey at Switchyard Right side El: 945 to 941
- Joint formwork verification for 2 meter concrete at starter dam part II-2-9
- Observed river water levels at DTA & DTB inlet and outlet
- Joint formwork verification for 2 meter concrete at starter dam part I-2-5
- Joint formwork verification for drain ditch at switchyard
- Joint as built survey at switchyard 3rd layer center portion El: 945m to 950m
- Joint formwork verification for 2 meter concrete at starter dam part I-2-2
- Joint as built survey at switchyard area tight side 2nd layer EL: 935 to 930
- Joint measurement for GENI contractor Camp area at CHILLAS
- Joint formwork verification for 2 meter concrete at starter dam part II-1-1&2
- Joint formwork verification for 2 meter concrete at starter dam part II-3-1
- Joint formwork verification for 2 meter concrete at starter dam part II-2-2
- Joint formwork verification for 2 meter concrete at starter dam part II-3-3
- Joint formwork verification for 2 meter concrete at starter dam part III-1-9
- Joint formwork verification for 2 meter concrete at starter dam part III-1-10
- Observed river water levels at DTA & DTB inlet and outlet , UCHAAR and BARSEEN
- Joint as built survey at Right gallery to Surge Chamber CH: 0+030 to 0+034
- Joint formwork verification for 2 meter concrete at starter dam part I-4-6
- Joint formwork verification for lean concrete at UCHAR bridge

d) Geology and Geotechnical Section Activities

i. Dasu-MW-01

- **Traffic Diversion Tunnel (Inlet)**
Carried out subsurface geological mapping/data collected up to 1+156m, planned excavation from Inlet has completed.
- **Traffic Diversion Tunnel (Outlet)**
Carried out subsurface geological mapping/data collected up to 1+144.6m, planned excavation from outlet has completed.
- **Diversion Tunnel Right Bank Downstream (DTR- D/S)**
Carried out subsurface geological mapping/data collected up to 0+392m for 1st stage and 0+465 for 2nd stage.

- **Diversion Tunnel Right Bank Upstream (DTR- U/S)**
Carried out subsurface geological mapping/data collected up to 0+222m for 1st stage and 0+087 for 2nd stage.
- **Cable Crane:**
Left bank: Geological mapping of cable crane at Elev. 1031m done.
Right bank: Geological mapping of cable crane at Elev.1035-1020m done

ii. Dasu-MW-02

- **In-Situ Overcoring Test (GIST):**
A meeting was held with CGGC & IVCC on 12th May, 2023 at DHC office regarding the in situ over coring test and submitted the method statement of In-situ overcoring test.
Two location marked (1-Penstock-01 area and 2- Adit tunnel Penstock-02 area) by the Contractor and preparation work in progress.
- **Service Tunnel-B (ST-B)**
Carried out subsurface geological mapping/data collected up to 0+133m.
- **TRT-1 (Upstream) from CT-2**
Carried out subsurface geological mapping/data collected up to 1+481m.
- **TRT-1 (Downstream) from CT-2**
Carried out subsurface geological mapping/data collected up to 1+669m.
- **TRT-2 (Upstream) from CT-2**
Carried out subsurface geological mapping/data collected up to 1+553m.
- **TRT-2 (Downstream) from CT-2**
Carried out subsurface geological mapping/data collected up to 1+710m.
- **TRT-1 (Upstream) from CT-1**
Carried out subsurface geological mapping/data collected up to 0+004.5m.
- **TRT-1 (Downstream) from CT-1**
Carried out subsurface geological mapping/data collected up to 0+024m.
- **TRT-2 (Downstream) from CT-1**
Carried out subsurface geological mapping/data collected up to 0+021m.
- **Switchyard**
Right side, 2nd layer at Elev. 935 to 930m Geological mapping done.
Left Side, 2nd layer at Elev. 940 to 937m Geological mapping done.
Left Side Center portion: 3rd layer at Elev. 947 to 943m Geological mapping done.

iii. KKH-01

- **Logro Tunnel-A (K9+159) Inlet**
Carried out subsurface geological mapping/data collected up to K9+595m.
- **Logro Tunnel-B (K11+923) Outlet**
Carried out subsurface geological mapping/data collected up to K11+853m.
- **K-4 Tunnel (K4+621) Outlet**
Carried out subsurface geological mapping/data collected up to K4+229m.
- **Dogah Tunnel (K23+750) Outlet**
Carried out subsurface geological mapping/data collected up to K23+611m.

iv. KKH-02

A. Drilling/investigation for KKH-02 Tunnels by DID WAPDA

- **Looter tunnel-1 (BH#36-1) Inlet Target 70m:**
Drilling progress is 22.0m, drilled from 48.0 to 70.0m.
Target depth of 70.0 has completed.
Borehole terminated.
- **Gober Tunnel-2 (BV#41-2) Outlet Target 45m:**
Drilling progress is 27.0m, drilled from 18.0 to 45.0m.
Target depth of 45.0 has completed.
Borehole terminated.
- **Lacchi Tunnel-2 (BH#54-1) Inlet Target 50m:**
Drilling progress is 40.0m, drilled from 10.0 to 50.0m.
Target depth of 50.0 has completed.
Borehole terminated.

Note: Shifting of 02 drilling rigs to Kandia landslide borehole location.

3.4.12 Meetings

A list of meetings which were held during the month is shown in Appendix D.

3.4.13 Correspondence during the Reporting Period

A list of correspondence with WAPDA and the executing Contractors during the month is provided in Appendix E.

4 CONSTRUCTION ACTIVITIES

The following Contracts remained in progress during this month:

- Dasu-KKH-01
- Dasu-KKH-02
- Dasu-RAR-01
- Dasu-RAR-02
- Dasu-TL-01
- Dasu-MW-01
- Dasu-MW-02
- Dasu-LBRV-11
- Dasu-LBRV-12
- Dasu-PCI-01R
- Dasu RV
- Dasu EM-01

Overall Dasu HPP baseline schedule has been established based on the cost stated in PC-1 and schedule included in DHP-CSA 01 Amendment 4. Both physical and financial baseline S-Curves have been developed based on the overall baseline schedule as shown in Figures 6 and 7. Basic information of the baseline schedule is summarized in Table 4.1.

Table 4.1: Basic information of Dasu HPP Overall Baseline Schedule Rev.3

Information in PC-1			Information of Baseline Schedule R3 ¹⁾					Remarks	
Item No	Cost Items	Contract	Planned/Actual Start	Planned/Actual Finish ²⁾	Duration	Cost ³⁾	Weight by Cost ⁴⁾		
			(DDMMYY)	(DDMMYY)	Days	M PKR	(%)		
I	I.1	Relocation of KKH	KKH-01	24-08-15	21-07-24	3,254	14,539	4.96%	EoT-3 under Progress.
			KKH-02	15-05-22	12-05-24	728	16,265	5.55%	
	I.2	132kV Transmission Line from Duber Khawar to DHP	TL-01	02-11-15	17-05-20	1,658	1,785	0.61%	EoT-3 Approved. EoT-4 pending by the Contractor.
	I.3	Internal Roads and Bridges	RAR-01(Komila-Dam, 12km)	24-08-15	31-08-22	2,564	2,714	0.93%	EoT-4 under Progress.
			RAR-02 (Dam - Uttar Gah)	20-05-21	18-05-23	728	6,253	2.13%	
			RAR-03 (Uttar Gah-Tangir)	01-01-20	29-12-21	728	5,000	1.71%	Not commenced
	I.4	Project Colony & Infrastructure	Dismantling 2 bridges at Kandia and Largani	01-01-21	31-12-21	364	1,000	0.34%	Not commenced
			PCI-01R	20-05-19	31-10-22	1,260	4,900	1.67%	EoT-2 Approved.
		PCI-02	-	-	-	2,726	0.93%	Not commenced	
	I.5, 1.7	Dam and Appurtant Structures (1.5) HSS - Dam (1.7)	MW-01	23-06-17	04-03-27	3,541	115,003	39.25%	EoT-2 Approved. EoT-3 (103d) under Process.
I.6, 1.8	Underground Powerhouse Complex (1.6) HSS - Waterway and PH (1.8)	MW-02	23-06-17	29-09-26	3,385	64,426	21.99%	EoT-2 (105d) Approved & EoT-3 (103d) under Process.	
I.9	Hydro-Mechanical & Electrical Equipment	EM-01	20-05-20	29-03-27	2,504	52,456	17.90%	EoT-1 (391d) under Process.	
II	II.3	Resettlement Development Cost	LBRV-11	26-12-18	04-12-20	709	1,121	0.38%	EoT-1 Approved. EoT-2 under progress.
			LBRV-12	26-12-18	07-12-20	712	1,017	0.35%	EoT-1 Approved. EoT-2 under progress.
			Dasu-RV	18-06-19	16-05-22	1,063	655	0.22%	EoT-1 (517d) under Process.
			Other RVs (only 1741.9 MPKR of II.3)	26-12-18	22-12-21	1,092	3,139	1.07%	Not commenced
		Total				292,999	100%		

1) This revision (R3) is base on the latest contract prices and schedules as of the end of February, 2021.

2) The Planned Finish date include the Engineer's assessed duration of under process EOTs.

3) The costs of the contracts are the signed contract prices or the latest estimates of the contracts which are not yet signed.

4) Overall physical and financial progresses have been developed, summarizing progress of each contract multiplied by its weight in this column.

Scheduled overall progress of both physical and financial at the end of reporting month is summarized in the following Table:

Table 4.2: Dasu HPP Overall Progress at the end of this Month

Description	Physical Progress (%)	Financial Progress (%)
Scheduled ¹⁾	50.8	45.7
Actual	17.3	15.3

- 1) Based on Dasu HPP Overall Baseline Schedule Rev 2 (R2). The progress has been revised according to EoT-1 of MW-01 & MW-02. The Financial progress based on work done certified to date excluding advance payment.
2) S-Curves of Overall Physical and Financial Progress are shown in Figures-6 & 7 respectively

The Scheduled Progress mentioned in the table above is in accordance with the contract programs/ or revised contract programs based on the EoT's granted. The status of progress and the major activities of each contract undertaken during this month are described hereinafter.

4.1 Dasu-KKH-01: Relocation of Karakoram Highway from KM 0+000 to KM 25+200

4.1.1 General Contract Data of KKH-01

General Contract Data of this package is summarized in the following Table:

Table 4.3: General Contract Data of DASU-KKH-01

Item	Data
Contract Number	ICB No. DASU-KKH-01
Contract Name	Relocation of Karakoram Highway (KKH) RD 0+000 to RD 25+200
Contractor	China Civil Engineering Construction Corporation (CCECC)
Contract Agreement Signed	March 16, 2015
Commencement Date	Aug 24, 2015
Contract Price	PKR 14,538,852,307/-
Time of Completion	546 Days
Contract Completion Date	Feb 20, 2017
Extension of Time (EOT)	1026 days
Revised Completion Date as per EOT	December 13, 2019 (EOT-2)
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.1.2 Progress Status of KKH-01

The progress of DASU-KKH-01 during this month is summarized in the following Table:

Table 4.4: Progress of KKH-01 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress during this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-KKH-01	93.3	180.5	33.8	-	0.70	100.0	34.5

- Gantt chart and S-Curves are shown in Figure-8 & 9 respectively
- Scheduled progress of KKH-01 is based on interim EoT-2. The Engineer is preparing a recommendation/assessment report of EoT-03 for the Employer.

4.1.3 Major Activities of KKH-01

The major activities undertaken during this month were:

- **Limited Construction Activities in this month.**
- Slope protection works & excavation activities at third bench Zero Point continued during month.
- Excavation and primary support works of K-4 Tunnel outlet side RD=K4+231 continued during the month and 393m heading completed. Preparation for secondary lining assembling of formwork completed.
- Excavation and primary support works of Logro-A tunnel inlet side RD=K9+592 continued during month and 440m heading completed. Preparation for secondary lining assembling of formwork.
- Logro B excavation and primary support works at outlet side RD=K11+853 continued during the month and 70m heading completed.
- Dugah tunnel excavation and primary support works at outlet side RD=K23+611 continued during the month and 39m heading completed.
- Improvement works including construction of retaining walls & laying of RCCP for Khushe Bypass Road continued during the month.
- Uchar Bridge, top slope excavation and protection works Pier 1 and excavation Pier 2 continued during the month.
- Barseen Bridge in Kaigah direction Camp construction continued during the month. Excavation in Dasu direction for abutment and access for Pier 2 & 3 continued.
- Fill slope Protection works for Uchar Batching plant continued.

4.1.4 Location wise Current Status of KKH-01

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.5: Location wise Status (KKH-01)

No.	Section	Issue	Measures	Present Status and What Action to be Taken
1	Zero	Acquisition of additional ROW and removal of house at K2+000	Land acquisition and house removal	Land section coordinating with Revenue department.

4.2 Dasu-KKH-02: Construction of relocated KKH -02 (K24 to K61)

4.2.1 General Contract Data of KKH-02

General Contract Data of this package is summarized in the following Table.

Table 4.6: General Contract Data of Dasu-KKH-02

Item	Data
Contract Number	ICB No. Dasu-KKH-02
Contract Name	Construction of Relocated KKH-02 (K24 to K61)
Contractor	China Gezhouba Group Co. Ltd. [CGGC]
Contract Agreement Signed	April 25, 2017
Commencement Date	May 15, 2022
Contract Price	PKR 16,264,917,100/-
Time of Completion	728 Days
Contract Completion Date	May 12, 2024
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

- S-Curves of DASU-KKH-01 is shown in Figure-10

4.2.2 Progress Status of KKH-02

The progress of KKH-02 during this month is summarized in the following Table:

Table 4.7: Progress of KKH-02 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-KKH-02	12.6	52.5	2.9	11.3	0.46	44.0	3.3

- The Contract has been commenced on 20th May 2021.

- S-Curves of DASU-KKH-01 is shown in Figure-10

4.2.3 Major Activities of KKH-02

The major construction activities undertaken during this month were:

- Excavation and blasting work is in progress on main alignment of KKH-02 at K24+900, K26+370-700, K31+910 to K32+250, K34+200-400, K42+240-660, K46+050-500.
- Excavation and blasting activities at looter camp have been completed and construction of Boundary wall, Retaining wall and formation of ground is in progress.
- New access road is in progress at K36, K40 for gobbar tunnels and bridge (both faces).
- Work has been stopped at K29 due to weak geology, K44 (both sides) and K46+500 onwards due to SMR package.

4.3 Dasu-RAR-01: Construction of Right Bank Access Road from Komila to Dam Site

4.3.1 General Contract Data of RAR-01

General Contract Data of this package is summarized in the following Table:

Table 4.8: General Contract Data of DASU-RAR-01

Item	Data
Contract Number	ICB No. DASU-RAR-01
Contract Name	Construction of Right Bank Access Road (Komila- Dam Site)
Contractor	China Civil Engineering Construction Corporation (CCECC)
Contract Agreement Signed	March 16, 2015
Commencement Date	Aug 24, 2015
Contract Price	PKR 2,713,972,595/-
Time of Completion	364 Days
Contract Completion Date	Aug 22, 2016
Extension of Time	1424 days
Revised Completion Date as per EOT	Jul 16, 2020 (EOT-3) Up to K9 only
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.3.2 Progress Status of RAR-01

The progress of Dasu-RAR-01 during this month is summarized in the following Table:

Table 4.9: Progress of RAR-01 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress during this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-RAR-01	93.3	158.7	98.9	-	0.05	100.0	98.9

- Gantt chart and S-Curves are shown in Figure-11 & 12 respectively.

- The Construction Schedule for Kamila bypass agreed with the Engineer. The Contractor shall submit interim EoT-4

4.3.3 Major Activities of RAR-01

The major activities undertaken during this month were:

Construction Activities

- Excavation work, drilling and blasting work, boulder blasting etc at middle and end portion i.e junction area of Komila bypass in progress.
- Slope cutting from catch point around K0+400 to K0+600 in progress and completed.
- Sub grade preparation i.e levelling etc completed.
- Laying of sub base from K1+500 to K2+300 in progress and completed.
- Laying of base material (water bound) from K1+500 to K2+300 in progress.
- Concrete work for side drain in progress around K1+600 area.
- Causeway work around K1+350 in progress and completed.
- Breast wall stone masonry around k0+512 to K0+580 in progress.
- Concrete for completed retaining walls coping in progress and completed.

NOTE:

- **Huge Land Slide occurred at Komila Bypass start section dated April 01, 2023.**

- RAR-01 project, Asphalt work is completed on Jan 30, 2022.

- From K0 to K9 work completed and Taking over certificate issued to Contractor up to K9 on dated November 26, 2021 with effect from July 25, 2021.

- From K9 to end of project work completed and second (2nd) TOC-Taking over certificate issued to Contractor up to K12 on dated July 26,2022 with effect from April 26,2022.

- Combined Taking over Certificate for the original scope of works (RAR-01 Project) issued August 03, 2022.

4.4 Dasu-RAR-02: Construction of Right Bank Access Road (Dam Site to Uttar Gah)

4.4.1 General Contract Data of RAR-02

General Contract Data of this package is summarized in the following Table.

Table 4.10: General Contract Data of Dasu-RAR-02

Item	Data
Contract Number	ICB No. Dasu-RAR-02
Contract Name	Construction of Right Bank Access Road (Dam Site to Uttar Gah)
Contractor	China Gezhouba Group Co. Ltd. [CGGC]
Contract Agreement Signed	Jan 18, 2017
Commencement Date	May 20, 2021
Contract Price	PKR 6,253,407,194/-
Time of Completion	728 Days
Contract Completion Date	May 18, 2023
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.4.2 Progress Status of RAR-02

The progress of RAR-02 during this month is summarized in the following Table:

Table 4.11: Progress of RAR-02 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-RAR-02	24.6	102.7	1.9	1.00	0.14	99.5	2.1

- The Contract has been commenced on 20th May 2021.

- S-Curves of DASU-RAR-02 is shown in Figure-13

4.4.3 Major Activities of RAR-02

The major construction activities undertaken during this month were:

- Excavation and blasting work from K13+370 to K13+800 suspended for two months from 08 of April due to hindrance of access road by MW-01 contractor.
- Cable crossing work at K20 doga site and chair lift construction at K35 kandia site have been completed by contractor.
- Work at seer gayal access road has been stopped by locals on 17th of March due to the non-payment of houses in reservoir area.
- The contractor is working on K34+540 & K36+800 both faces on kandian site.
- Work at K32+650, K33+300 and K35 has been stopped by locals due to SMR package.
- Request for removal of houses inside and below the RAR-02 has been forwarded to the Employer.

4.5 DASU-TL-01: 132 kV Single Circuit Transmission Line and Grid Station from Switchyard Dubair Khwar to Proposed Grid Station Dasu

4.5.1 General Contract Data of TL-01

General Contract Data of this package is summarized in the following Table:

Table 4.12: General Contract Data of Dasu-TL-01

Item	Data
Contract Number	ICB No. Dasu-TL-01
Contract Name	Procurement, Design, Supply, Installation, Testing and Commissioning of 132 KV Single Circuit Transmission Line and Grid Station (From 132 KV Switchyard Dubair Khwar to Proposed 132 KV Grid Station Dasu)
Contractor	Power Construction Corporation of China Ltd. (PCCC)
Contract Agreement Signed	April 24, 2015
Commencement Date	November 2, 2015
Contract Price	PKR 1,583,325,237 and US\$ 2,017,927
Time of Completion	230 days
Contract Completion Date	June 19, 2016
Extension of Time	1429 days
Revised Completion Date as per EOT	May 17, 2020 (EOT-3)
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.5.2 Progress Status of TL-01

The progress of DASU-TL-01 during this month is summarized in the following Table:

Table 4.13: Progress of Dasu-TL-01 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress during this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. Dasu-TL-01	91.0	166.8	92.4	-	0.30	100.0	92.7

- Gantt chart and S-Curves are shown in Figure 14 and Figure 15, respectively.
- The Contractor shall submit updated schedule to PM for review and prepare interim EoT-04 claim to PM

4.5.3 Major Activities of TL-01

Activities carried during the month:

- Excavation/cutting of access road to Grid Station is in progress.
- Breast wall at Alignment-2 of access road is in progress.
- Fencing work of switchyard is in progress.
- Installation of 132KV switch gear equipment on both the terraces is in progress.
- Cable trenches on terrace-1 is in progress.
- Stringing activity from T-85A to T-86, T-87 to T-88A, T-88A to T-89A, T-89A to T-90, T-90 to T-91A, T-91A to T-92A, T-92A to T-93A, T-133A to T-134A and T-135A to T-136A is completed.

Overall completed activities:

Tower wise Status of each tower is shown in the table below

Table 4.14: Tower Wise Status of Line Work

S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
1	NTDC-1	JKD	Not started	Not started	Not started	Not started	Not started	Not started	The NTDC's Contractor could not drill for pile foundation of tower NTDC-1 and left the site.
2	NTDC-2	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
3	NTDC-3	JKD	Completed	Completed	Completed	Completed	Completed	Not started	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
4	NTDC-4	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
5	NTDC-5	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
6	NTDC-6	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
7	T-37	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
8	T-38	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
9	T-39	JKD	Not started	Not started	Not started	Not started	Not started	Not started	The Employer instructed the Contractor to carryout the design work for JKD towers. However, the Contractor mobilized his team for subsoil investigation but the landowners stopped the work.
10	T-40	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
11	T-41	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
12	T-42	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
13	T-43B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
14	T-44B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
15	T-45A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
16	T-46A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
17	T-47A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
18	T-48A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
19	T-49A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
20	T-50A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
21	T-51A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
22	T-52	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
23	T-53	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
24	T-54	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
25	T-55A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
26	T-56A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
27	T-57A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
28	T-58A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
29	T-60A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
30	T-61A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
31	T-62A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
32	T-63A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
33	T-64A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
34	T-65A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
35	T-66A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
36	T-67A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Completed	
37	T-67M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
38	T-68A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
39	T-68M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
40	T-69A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
41	T-70A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
42	T-71A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
43	T-71M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
44	T-72A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
45	T-73A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
46	T-74A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
47	T-75A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
48	T-76A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
49	T-77A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
50	T-78A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
51	T-79A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
52	T-79M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
53	T-80A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
54	T-80M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
55	T-81A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
56	T-81M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
57	T-82A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
58	T-82M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
59	T-83A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
60	T-83M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
61	T-84A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
62	T-85A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
63	T-86	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
64	T-87	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
65	T-88A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
66	T-89A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
67	T-90	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
68	T-91A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
69	T-92A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
70	T-93A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
71	T-95A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
72	T-96	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
73	T-97A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
74	T-98	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
75	T-101A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
76	T-102A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
77	T-103A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
78	T-104A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
79	T-105	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
80	T-106	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
81	T-107	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
82	T-108	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
83	T-109A	ED-24	Completed	Not started	Not started	Not started	Not started		
								Not started	
84	T-110A	EG-24	Completed	Not started	Not started	Not started	Not started		
								Not started	
85	T-111A	ED-24	Completed	Not started	Not started	Not started	Not started		
								Not started	
86	T-113B	EG-24	Not started	Not started	Not started	Not started	Not started		
								Not started	
87	T-115A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
88	T-115M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
89	T-116A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
90	T-119A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
91	T-120	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
92	T-121A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
93	T-122A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
94	T-123A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
95	T-124A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
96	T-125A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
97	T-126B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
98	T-127B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
99	T-128B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
100	T-129A	ED-24	Completed	Not started	Completed	Completed	Not started		
								Not started	
101	T-130A	ED-26	Completed	Not started	Not started	Not started	Not started		
								Not started	
102	T-131B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
103	T-132B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
104	T-133A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Completed	
105	T-134A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
106	T-135A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
107	T-136A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
108	T-137	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
109	T-138B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
110	T-139A	ZM-30 Standard	Completed	Value is above 10 ohm	Completed	Completed	Completed	Not started	
111	T-140	ZM-30 Modify	Completed	Value is above 10 ohm	Completed	Completed	Completed	Not started	
112	T-141A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
113	T-142B	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
114	T-143A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
115	T-144A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
116	T-145B	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
117	T-146A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
118	T-147B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
119	T-148A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
120	T-149A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
121	T-150A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
122	T-152	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
123	T-153A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
124	T-154A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
125	T-155B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
126	T-156B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
127	T-157A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
128	T-158B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
129	T-159A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
130	T-160A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
131	T-161B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
132	T-162A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
133	T-163A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
134	T-164B	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
135	T-165A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
136	T-166A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
137	T-167A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
138	T-168B	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
139	T-169B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
140	T-170B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
141	T-171A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
142	T-172	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
143	T-173A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Not started
144	T-174	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Not started
145	T-175A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Not started
146	T-176A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
147	T-177B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
148	T-178A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
149	T-179B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
150	T-180A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
151	T-181A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
152	T-181M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
153	T-182	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
154	T-183	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
155	T-184	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Completed
156	T-185	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Not started

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
157	T-186	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
158	T-188A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
159	T-189A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
160	T-190B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
161	T-191B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
162	T-192A	ZM-60 Modify	Completed	Value is above 10 ohm	Completed	Completed	Completed	Not started	
163	T-193A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
164	T-193M	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
165	T-194A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
166	T-194M	ZM-60 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
167	T-195A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
168	T-196A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
169	T-197A	ZM-60 Standard	Completed	Value is above 10 ohm	Completed	Completed	Not started	Not started	
170	T-198A	ZM-30 Modify	Completed	Value is above 10 ohm	Completed	Completed	Not started	Not started	
171	T-199A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
172	T-200A	ZM-60 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
173	T-201A	ZM-30 Modify	Completed	Completed	Completed	Completed	Not started	Not started	
174	T-202A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
175	T-203A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
176	T-204A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
177	T-204M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
178	T-205A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
179	T-206A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
180	T-207A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
181	T-208A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
182	T-209A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
183	T-210A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
184	T-211A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
185	T-212A	ZM-30 Standard	Completed	Value is above 10 ohm	Completed	Completed	Completed		

The Major Construction Activities undertaken during this month are summarized in the following table:

Table 4.15: Overall Summary of Major Activities of Transmission Line

No.	Description	Already Completed upto Previous Month	Completed in this Month	In Progress	Completed up to this Month	Remarks
1	2	3	4	5	6=3+4	7
A	Transmission Line					
1	Excavation/Cutting of tower foundation	172	0	0	172	
2	Concrete of tower foundation	168	0	0	168	
3	Backfill of tower foundation	168	0	0	168	
4	Tower Erection	156	0	0	156	
5	Stringing (Spans)	60	9	1	69	
B	Grid Station					
1	Foundation concrete of switch gear in Grid Station is in progress.					

Table 4.16: Area wise Summary of Major Activities of Line Work

Area	Total Towers	Change Proposal	Excavation Complete	Foundation Concrete Complete	Backfilling Completed	Erection Completed
Palas	10	0	10	10	10	10
Pattan	98	6	91	87	87	86
Sheikh Band	23	0	23	23	23	23
Jhalkot	20	0	20	20	20	20
Teyal Maidan	28	0	28	28	28	17
Total	179	6	172	168	168	156

Materials currently stored on site are summarized in the following table:

Table 4.17 Materials on Site

No.	Items	Qty.
1	Tower Bodies (Nos)	23
2	Lynx conductor (km)	105
3	110-volt battery charger (Nos)	2
4	11kv switchgear panels (Nos)	15
5	CT/CV/CB ISO (Nos)	20
6	Surge arrestos (Nos)	15
7	Grounding conductor for G.S (km)	2.2
8	Rail conductor (km)	12.8
9	Shield wire (km)	38
10	Transmission line and G.S Hardware	Completed (except JKD Towers)
11	Telecom. Equipment	Completed as required.
12	Disc insulators + Post Insulators	12640 + 6
13	Control & Relay panels	6
14	Gantry material of G.S	Beams 3Nos and Columns 5Nos

4.5.4 Location wise Current Status of TL-01

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.18 Location wise Status (TL-01)

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
1	T37,T38, T39,T40, T41,T42, T109A, T110B, T113B, T129A, T130A, T-200A & T-201A.			The Employer instructed the Contractor to carryout the design work for JKD towers (T-37 to T-42). However, the Contractor mobilized his team for subsoil investigation on the said towers but the landowners stopped the work. The Landowner has stopped the work at T-109A and T-110B demanding tree compensation for T-109A. The landowner wants to carry out the construction activities of T-113B by themselves but demanding high price for foundation work. The Landowner has stopped erection work on T-129A and claiming that he has balance payment which was agreed by Employer's representative in respect of preparing place for material storage at tower location. The Landowner has stopped the work on T-130A and demanding tree compensation amount. The Land owner of T-200A and T-201A stopped erection work demanding for		The Project Manager requested the Employer to resolve the issue in Weekly Progress Meetings

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
	T173A to T175A & T184 to T186.			compensation of repairing the drain below these towers which was damaged during foundation work. The Landowners have stopped stringing activity from T-173A to T-175A & T-184 to T-186 demanding for amount of tree compensation.		and by letter as well.

4.6 DASU-MW-01: Main Hydraulic Structure, Spillway, Low Level Outlets, River Diversions and Hydraulic Steel Structures

4.6.1 General Contract Data of MW-01

General Contract Data of this package is summarized in the following Table:

Table 4.19: General Contract Data of Dasu-MW-01

Item	Data
Contract Number	ICB No. Dasu-MW-01
Contract Name	Main Hydraulic Structure, Spill Way, Low Level Outlets, River Diversions and Hydraulic Steel Structures
Contractor	China Gezhouba Group Co. Ltd (CGGC)
Contract Agreement Signed	March 08, 2017
Commencement Date	June 23, 2017
Contract Price	PKR 115,003,461,240/-
Time of Completion	2039 days
Contract Completion Date	Jan 22, 2023
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.6.2 Progress Status of MW-01

The progress of MW-01 during this month is summarized in the following Table:

Table 4.20: Progress of Dasu-MW-01 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress during this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. Dasu-MW-01	71.3	63.1	20.8	4.38	0.39	46.0	21.2

- Gantt chart and S-Curves are shown in Figure 16 and Figure 17
- The scheduled progress of MW-01 and MW-02 has been estimated by the Engineer according to EoTs granted. The Contractor shall submit the revised baseline programme.

4.6.3 Major Activities of MW-01

Major construction activities and progress are summarized below:

4.6.3.1 Preparatory Works

(1) Contractor's Camp

The following Contractor's camps have been constructed and are operating.

- Construction of Barseen Camp located on the mountain side from existing KKH completed on June 9, 2019.
- Construction of Pakistani Camp located in Uchar area completed on November 3, 2019.
- Construction of Chinese Labor Camp located in Uchar Area on January 5, 2020.

The construction of Kass Main Camp is in progress. The status of the construction is as follows.

- Stone Masonry for Retaining Wall-80%
- Bypass Road Construction- 10%
- Store Construction- 20%

(2) Steel Truss Bridge at Seo

Construction of steel truss bridge at Seo completed on April 10th, 2022.

(3) 1# Batching Plant and 1# Crushing Plant at Uchar Area

- Fencing Wall- 100%
- Construction of Generator's house- 100%
- Installation of generator system started on March 23, 2023. And all three Generator installation completed on End of May. One Generator is in operation and remaining two shall be in operation after completion of Starter Dam Concrete i.e. expected operation period is in first week of June, 2023.

- (4) **Aggregate Storage at CR9 Area**
Construction of aggregate storage in CR9 area completed on December 26, 2021.
- (5) **Additional Measures for Security Enhancement**
The Contractor has worked on establishing of security measures i.e. Installation of watch tower at Uchar and Barseen, installation of Prefabricated Cabins with accessories at Barseen, Uchar, CR9 & Chochang Area and fixing of blind sheet along CR2 and CR9.
- (6) **Damage of Temporary Facility caused by Debris Flow in the Uchar Nalluh on 24th, 27th July, 1st, 12th, 16th, 20th, 24th & 26th August 2022**
 - The Contractor's Water Supply Pipeline & pumps installed along the Uchar Nullah was washed out by debris flow in the Uchar Nalluh which results in stoppage of concrete/shotcrete works for Diversion Tunnel.
 - Backfill below Chinese and Local Dormitories at River side of Uchar Camp eroded due to debris flow in the Uchar Nalluh which result damage to the Chinese Canteen. Other buildings at river side is also in danger if further severe flood occurs in future.
- (7) **Suspension of Construction Activities inside Diversion Tunnel**
 - Due to overtopping of the Indus River water from the Diversion Tunnel Inlet Dyke, all the excavation and concrete activities suspended inside the Tunnel since August 16, 2022.
 - Dewatering inside the Diversion Tunnel started from August 30, 2022 and remaining continued during the month of September.
 - De silting from DT-A started from night of 24th September, 2022.
- (8) **Temporary Causeway crossing Uchar Nullah**
 - Temporary Causeway Construction at Uchar Nalluh started on April 19, 2023 and completed at End of April.
 - Excavation for Bridge Foundation at Uchar Nalluh started on May 16, 2023 and this work remained in progress during the month of May, 2023. It is expected to complete by mid of June, 2023.
- (9) **2# RCC Batching Plant at Siglo Area**
 - Excavation and Ground Leveling Work- 2%
[Note: Contractor's work is stopped from Feb 24, 2023 due to local people issues.
 - Contractor resumed work on Apr 15, 2023 but again stopped by local people on Apr 25.
 - The Contractor resumed work on May 8, 2023 but again stopped by the local people on the same day.
- (10) **Siglo Nalluh Debris Removal**
 - Debris Removal at Siglo Nalluh started on May 17, 2023 and remained continue. Total Progress is 20,073/ 30,000 (67%) by end of May, 2023.

4.6.3.2 Diversion Tunnel

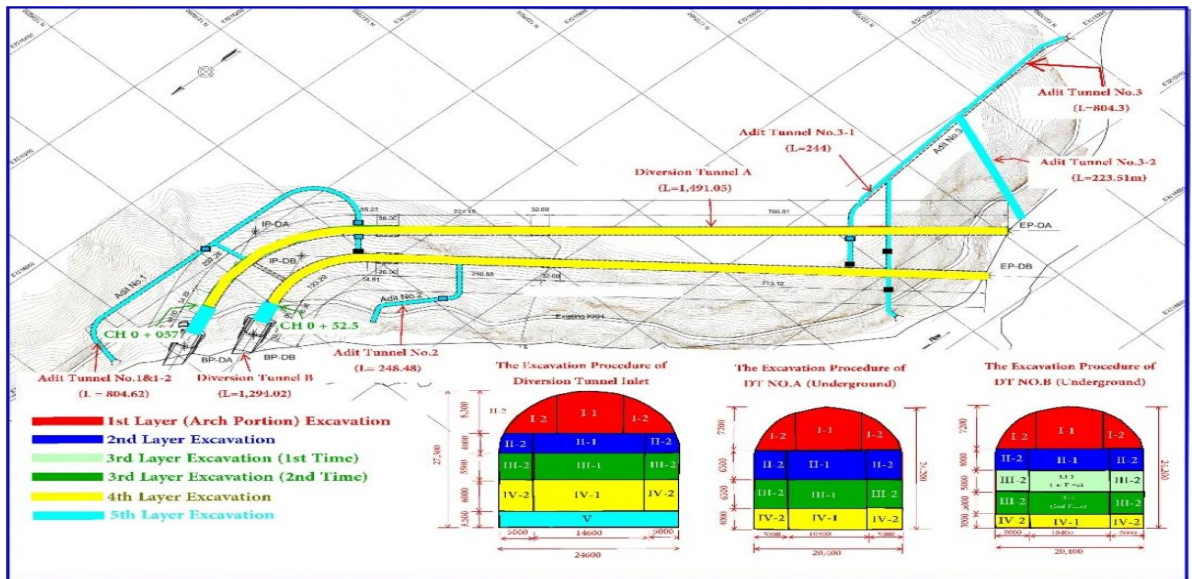
- (1) **Excavation of Diversion and Adit Tunnels**
 - i) **Adit Tunnels**
 - 3# Adit tunnel underground excavation completed (804.3m) on April 2, 2020.
 - 1 Adit tunnel work started from Dec 7, 2018 and completed at 804.6 m on April 18, 2021.
 - 3-1# Adit tunnel underground excavation (244m) was completed on December 13, 2020.
 - Adit Tunnel 3-2 (223m) started on November 28, 2022 and completed on Feb 6, 2023.
 - ii) **Diversion Tunnels**

Indus River closed on February 20, 2023 and river was diverted through Diversion Tunnel No. B. Inlet Dyke in front of Diversion Tunnel No. B was removed up till El. 775m.

River was diverted through Diversion Tunnel A on April 15, 2023 and the Inlet Dyke of Diversion Tunnel A was removed up to the El. 774.00m

 - **Open Excavation of Inlet Structure**
 - Diversion Tunnel A**
43,620/43,620m³ (100%) open excavation completed at the end of December 2020.
 - Diversion Tunnel B**
41,395/41,395m³ (100%) open excavation started on April 2, 2019 and completed on completed at the end of December 2020.
 - **Underground Excavation of Diversion Tunnel**

Overall progress of underground excavation of Diversion Tunnel is shown in the figure below.



Diversion Tunnel A

Underground excavation for Diversion Tunnel No. A was started on August 9th, 2019 and completed on March 7, 2023. 712,768m³/ 712,768m³ (100%).

Diversion Tunnel B

Underground excavation for Diversion Tunnel No. B was started on May 30th, 2019 and completed on January 28, 2023. 623,515m³/ 623,515m³ (100%).

(2) Concrete Work of Diversion and Adit Tunnels

Diversion Tunnel A

1) Inlet Structure Works (Outside)

- 17,758m³ / 22,074m³ (81%)
- The concreting works before the river diversion is completed at the Inlet Structure Outside on March 21, 2023. No work observed during the month of May, 2023.

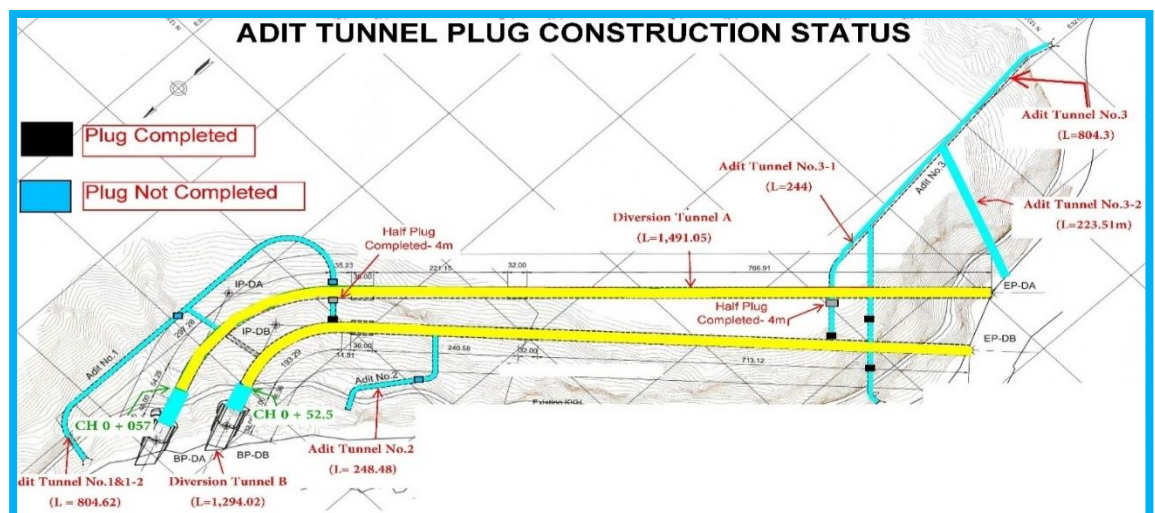
Diversion Tunnel No. B

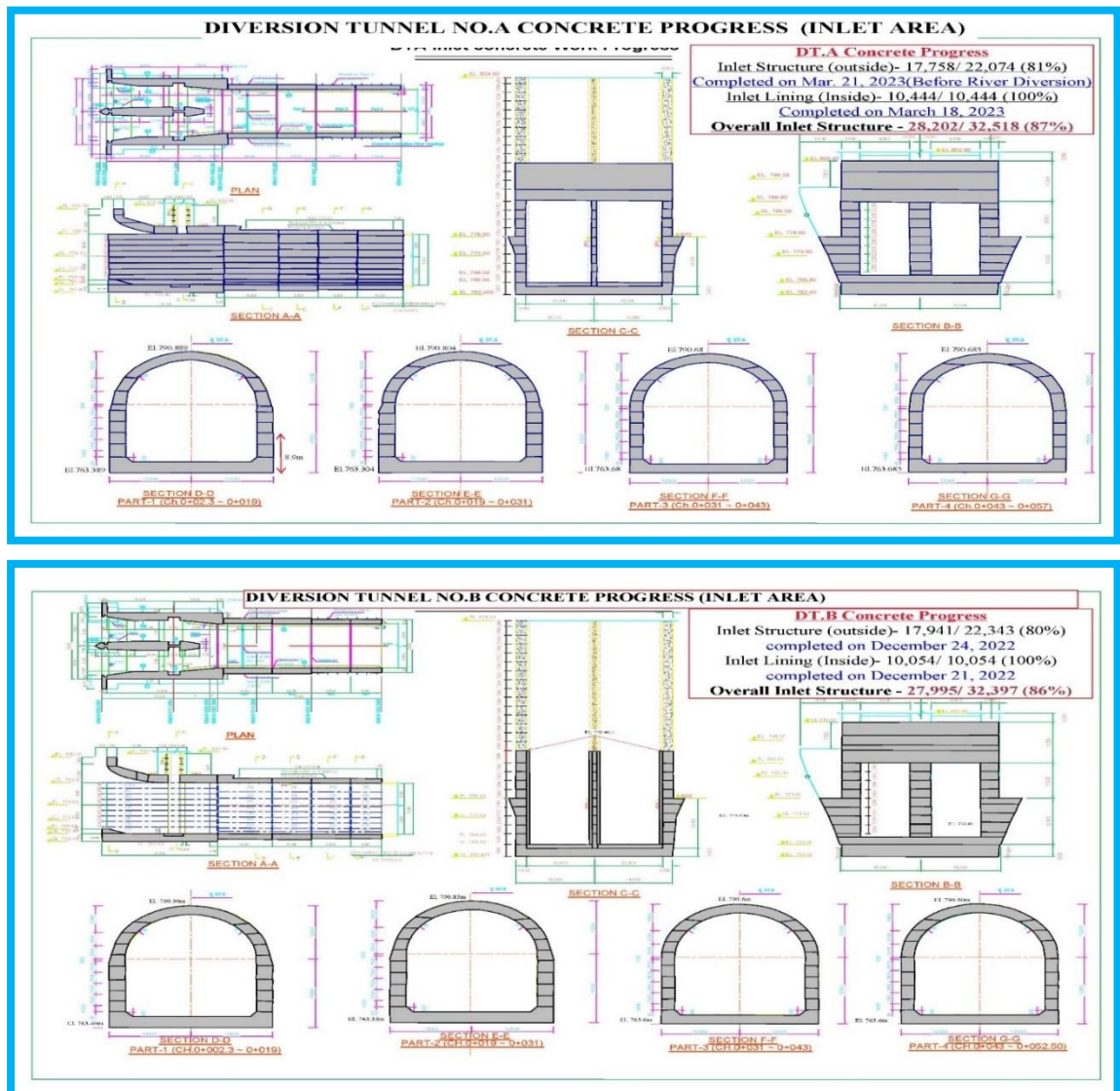
1) Inlet Structure Works (Outside)

- 17,941m³/ 22343m³ (80%)
- The concreting works before the river diversion is completed at the Inlet Structure Outside on December 24, 2022. No work observed during the month of May, 2023.

2) Adit Plug Concrete

- **Concrete Works:** 1065.40m³/ 1647m³ (65%) completed till end of April, 2023. Progress of inlet structure concrete, concrete lining for shear zone and invert concrete are shown in figures below.





(3) Inlet dyke

- Concrete: completed on July 4, 2019.
- Permeability test around the inlet dyke started on January 29, 2020.
- Concrete Pouring for remaining Inlet Dyke completed during the month of May, 2022.
- Some Part of Inlet Dyke in front of Diversion Tunnel No. A was removed for making platform for the Construction of Inlet Structure Slab.
- Inlet dyke in front of Diversion Tunnel No. B was removed from El. 788m to El. 776m. 4 No. of blasts carried out on January 31, 2023, 12th, 13th & 16th February, 2023 to remove DTB Inlet Dyke.
- Inlet Dyke In front of Diversion Tunnel A was removed up to the El. 774.00
- After the diversion of river through DTA, the water level at the DTB Inlet Dyke is low so the Contractor started to prepare the access to the DTB Inlet Dyke for the further downside excavation.
- Excavation continued for removal Diversion Tunnel inlet Dyke during the Month of May.

(4) Diversion Tunnel Outlet Dyke

- **Concrete Works:** for DT-A 100% completed on June 11, 2021
- for DT-B 100% completed on June 13, 2021
- Reconstruction of DT-A Dyke completed on June 13, 2022.
- Reconstruction of DT-B Dyke completed on June 6, 2022.
- Demolishing of Diversion Tunnel Outlet Dyke for removal of water from Diversion Tunnel carried out during the month of September
- Outlet Dyke in front of DTB was blasted on February 10, 2023.
- Outlet Dyke in front of DTA was blasted on April 13, 2023

(5) Right Bank Bypass Tunnel on the right bank

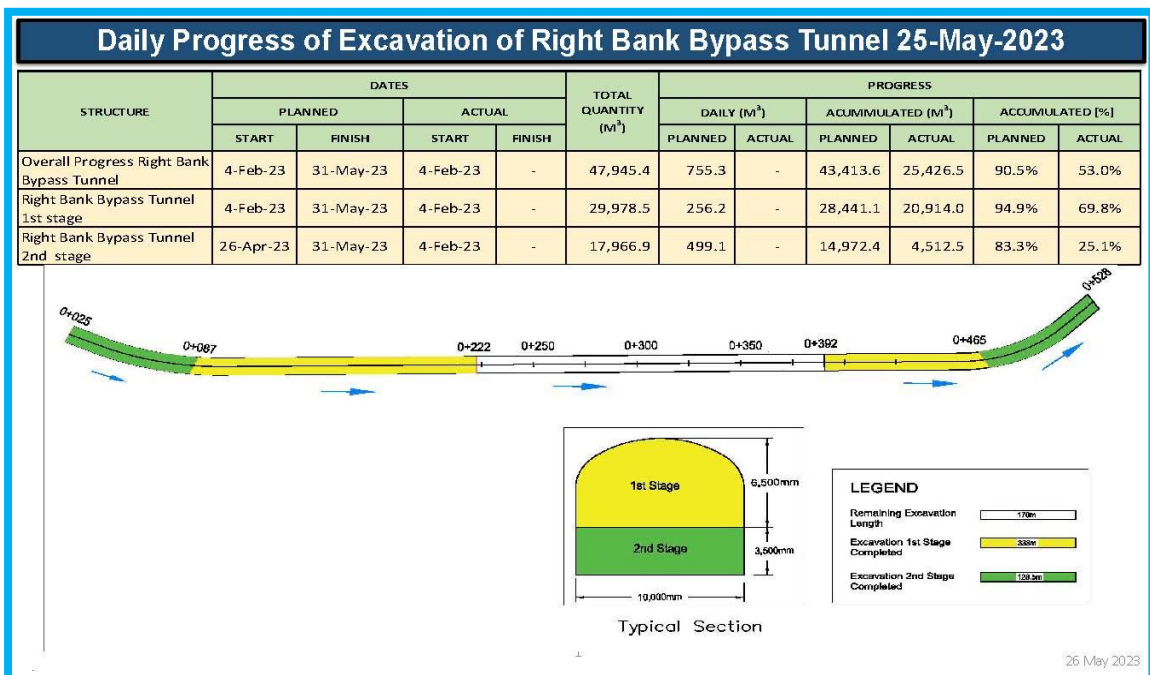
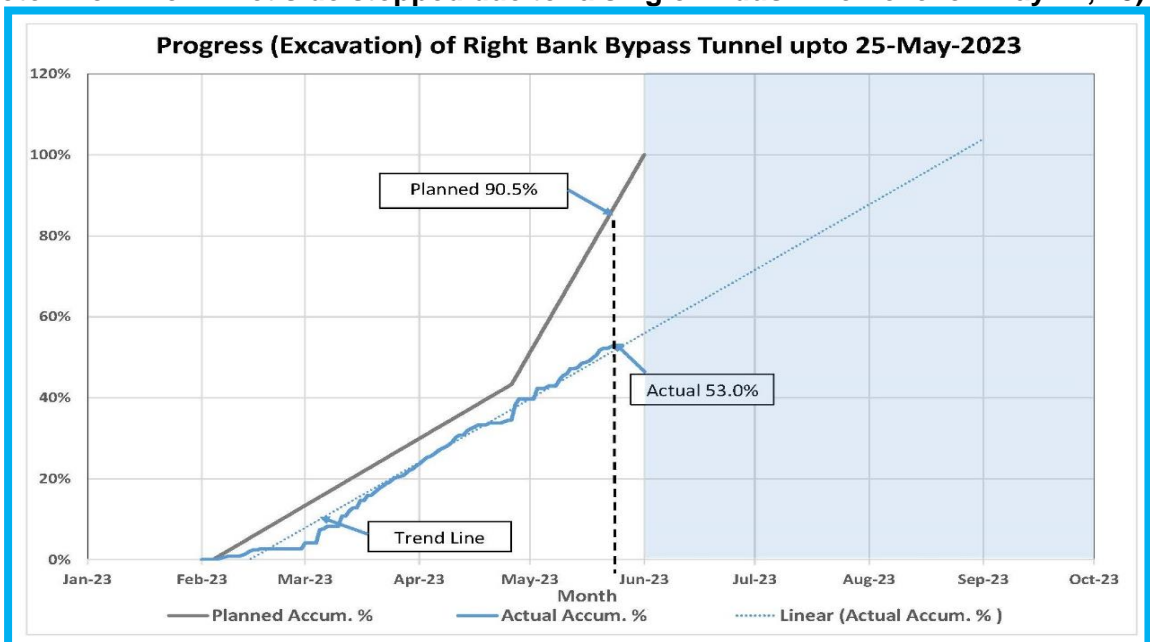
First stage Excavation

- 1st U/G Blast at Inlet carried out on February 4, 2023 at Ch. 0+025m and progress up to Ch. 0+222m (197m) till end of May, 2023.
- 1st U/G Blast at outlet carried out on February 14, 2023 at Ch. 0+528m and progress up to Ch. 0+392m (136m) till end of May, 2023.
- Total underground 1st stage excavation progress is 333m/ 503m (66%) till end May, 2023.

Second stage Excavation

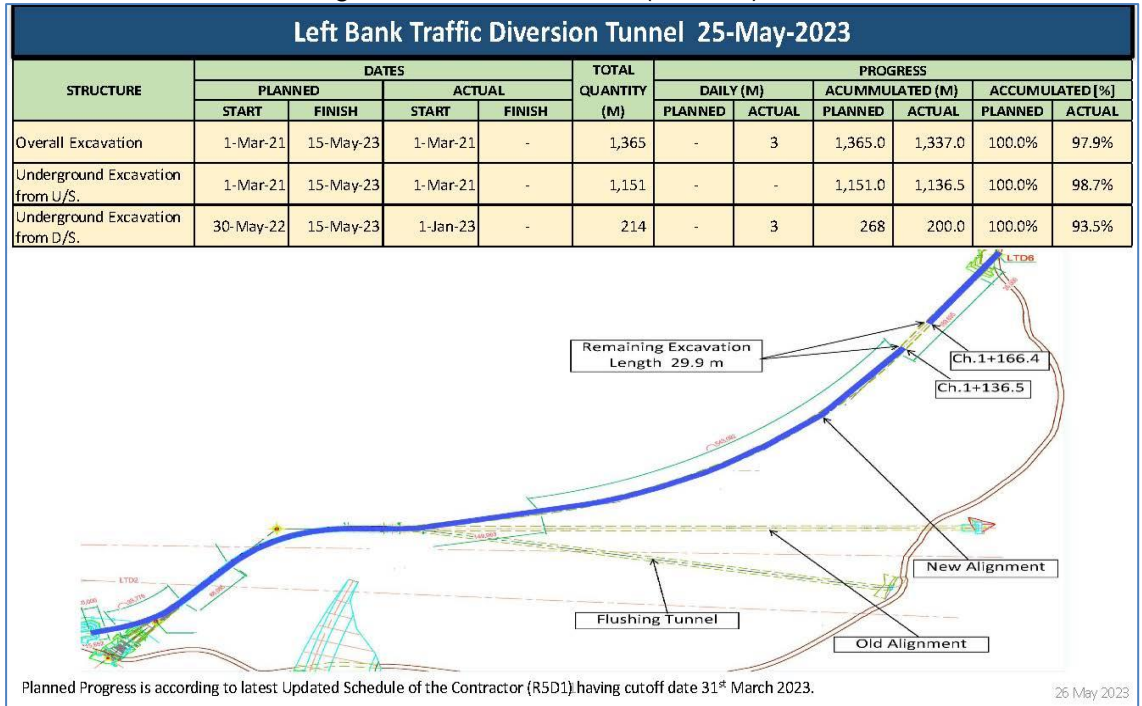
- 1st U/G Blast at Inlet carried out on April 21, 2023 at Ch. 0+025m and progress up to Ch. 0+087m (62m) till end of May, 2023.
- 1st U/G Blast at outlet carried out on April 21, 2023 at Ch. 0+528m and progress up to Ch. 0+465m (63m) till end of May, 2023.
- Total underground 2nd stage excavation progress is 125m/ 503m (24.85%) till end of May, 2023.
- Overall Excavation for Right Bypass Tunnel Completed till end of May- 2023- 53%

(Note: Work from Inlet side stopped due to raising of Indus River level on May 21, 23)



4.6.3.3 Left Bank Traffic Diversion Tunnel

- Underground Excavation from U/S started on April 1, 2021 and progressed up to Ch. 1+136.50m till end of May 2023.
- Underground Excavation from D/S started on December 15, 2022 and progressed up to Ch. 1+166.40 (198.60m) till end of May, 2023.
- Total U/G Excavation Progress – 1337m/1,365m (97.90%)



4.6.3.4 Main Dam

The following works related to the construction of Main Dam are in progress.

(1) Right Bank Abutment (Siglo Area)

- U/S Temporary Access Road Construction- 79%
- Excavation of Right Bank Cable crane Platform-100% completed on May 23, 2023.
- Installation of scaffolding for installation of wire mesh for shotcrete spray started on May 22, 2023.

(2) Left Bank Abutment

- Left Bank Cable Crane Platform Excavation- 30.60%

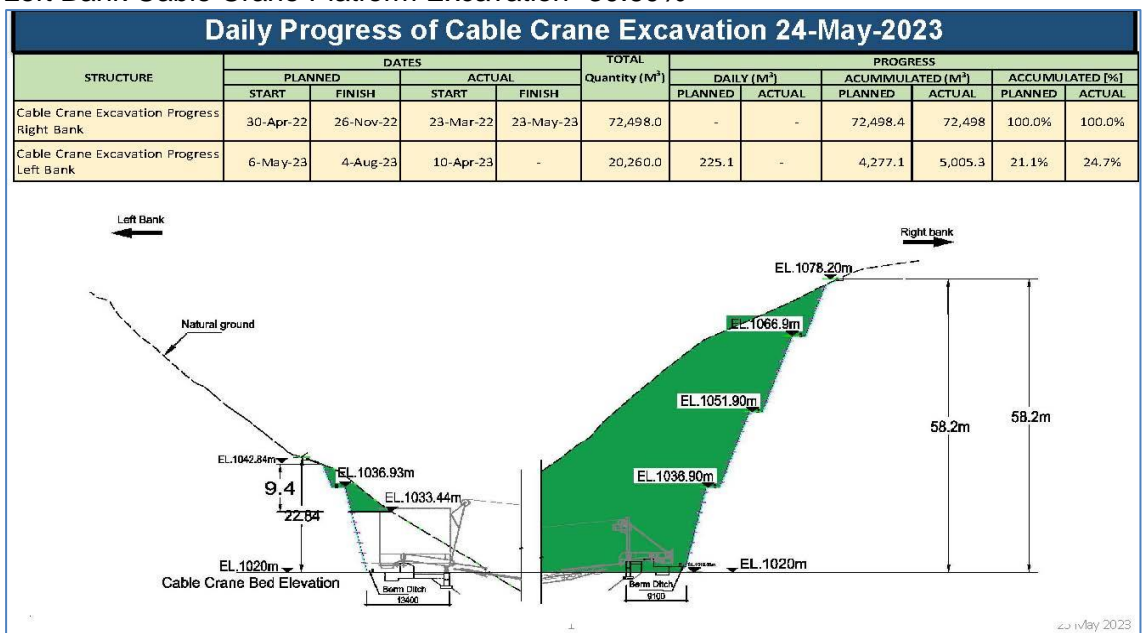


Table 4.21 Location wise Status (MW-01)

No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
1	CR2, CR1	Diversions tunnel inlet access road CR-1 & CR2 100% completed. Reinforcing of KKH retaining wall completed Slope protection of CR-1 along KKH completed Sedimentation tank around Adit Tunnel No. 1 & 2 completed.	Existing CR2 Eroded during flood on August 16, 2022. The Contractor recovered the CR2 road after the flood.			
2	Uchar Nalluhh	Installation of water supply pipe until dam site 100% completed on June. Intake structure 100% completed on June.	Temporary Causeway Crossing Uchar Nullah - Temporary Causeway Construction at Uchar Nalluh by CGGC started on April 19, 2023 and completed at End of April, 2023. - Excavation for Bridge Foundation at Uchar Nalluh started on May 16, 2023 and this work remained in progress during the month of May, 2023. It is expected to complete by mid of June, 2023.	No bridge available for the local traffic		The Contractor is instructed to expedite Bridge Construction work ASAP.
3	Barseen camp	Dormitory & canteen housing finished.				
4	Pakistani Camp	Foundation Leveling: 100% Dormitory buildings : 100% , (8 dormitory houses, 1 Mosque and 1 canteen)	Backfilling and levelling work after the flood for Uchar Local Labor Camp remained continued during the month of October.			
5	Uchar Chinese Labor Camp	Construction of Prefabricated house: 100% Concrete Placement: 100% Fencing Wall: 100%	Backfilling and levelling work after the flood for Uchar Chinese Labor Camp remained continued during the month of October.			
6	Siglo Nalluh Debris Cleaning		Debris Removal at Siglo Nalluh started on May 17, 2023 and remained continue. Total Progress is 20,073/ 30,000 (67%) by end of May, 2023.			
6	Diversions Tunnel	<i>Diversions Tunnel</i> Excavation of Diversions and Adit Tunnels Adit Tunnels - 3# Adit tunnel underground excavation completed (804.3m) on April 2, 2020. - 1 Adit tunnel work started from December 7, 2018 and completed at 804.6 m on April 18, 2021. - 3-1# Adit tunnel underground excavation (244m) was completed on December 13, 2020. - Adit Tunnel 3-2 (223m) started on November 28, 2022 and completed on February 6, 2023. Diversions Tunnels - Indus River closed on February 20, 2023 and river was diverted through Diversions Tunnel No. B. Inlet Dyke in front of Diversions Tunnel No. B was removed up till El. 775m. - River was diverted through Diversions Tunnel A on April 15, 2023 and the Inlet Dyke of Diversions Tunnel A was removed up to the El. 774.00m - Open Excavation of Inlet Structure Diversions Tunnel A - 43,620/43,620m ³ (100%) open excavation completed at the end of December 2020. Diversions Tunnel B - 41,395/41,395m ³ (100%) open excavation started on April 2, 2019 and completed on completed at the end of December 2020. Underground Excavation of Diversions Tunnel Diversions Tunnel A - Underground excavation for Diversions Tunnel No. A was started on August 9th, 2019 and completed on March 7, 2023. 712,768m ³ / 712,768m ³ (100%). Diversions Tunnel B - Underground excavation for Diversions Tunnel No. B was started on May 30th, 2019 and completed on January 28, 2023. 623,515m ³ / 623,515m ³ (100%). Concrete Work of Diversions Diversions Tunnel A Inlet Structure Works (Outside) - 17,940m ³ / 17940m ³ (100%) completed till end of March,	<i>Diversions Tunnel</i> Indus River closed on February 20, 2023 and river was diverted through Diversions Tunnel No. B. Inlet Dyke in front of Diversions Tunnel No. B was removed up till El. 775m. River was diverted through Diversions Tunnel A on April 15, 2023 and the Inlet Dyke of Diversions Tunnel A was removed up to the El. 774.00m Excavation in front of DT.A & B Inlet dyke remained in progress during the month of May. Inlet Structure Works (Outside) Diversions Tunnel No. A - 17,758m ³ / 22,074m ³ (81%) - The concreting works before the river diversion is completed at the Inlet Structure Outside on March 21, 2023. No work observed during the month of May, 2023. Diversions Tunnel No. B Inlet Structure Works (Outside) - 17,941m ³ / 22343m ³ (80%) - The concreting works before the river diversion is completed at the Inlet Structure Outside on December 24, 2022. No work observed during the month of May, 2023. Adit Plug Concrete - Concrete Works: 891m ³ / 1647m ³ (54%) completed till end of May, 2023.			

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<p>2023. The concreting works before the river diversion is completed at the Inlet Structure Outside</p> <ul style="list-style-type: none"> - Inlet Lining Works (Inside) - Concrete Works: 10,444m³ / 10,444m³ (100%) completed on March 18, 2023. - Invert Levelling Concrete (C20) - L/S- 1,524m / 1,524m (100%) - R/S- 1,524m/1,524m (100%) - 1m Invert Structural Concrete (A25) - L/S- 1411.55m / 1,411.55m (100%) - R/S- 1411.55m/1,411.55m (100%) - Outlet Structure Works - Concrete Works: 1,926m³ / 1,926m³ (100%) completed on June 2nd, 2022. <p><u>Diversion Tunnel No. B</u></p> <p><u>Inlet Structure Works (Outside)</u></p> <ul style="list-style-type: none"> - 17,941m³/ 17941m³ (100%) completed till end of March, 2023. No concrete observed during the month of April, 2023. - Inlet Lining Works (Inside) - 10,054m³ / 10,054m³ (100%) started on November 24, 2021 and completed on 21st December, 2022. - Shear Zone Area - Concrete Works: 9,004m³ / 9,004m³ (100%) started on March 13, 2022 and completed on 16th December, 2022. - Invert Levelling Concrete (C20) - L/S- 1,309m / 1,309m (100%) - R/S- 1,309m/1,309m (100%) - Started on January 24, 2021 and completed on January 29, 2023. - 1m Invert Structural Concrete (A25) - L/S- 1,163.52m / 1,163.52m (100%) - R/S- 1,163.52m/1,163.52m (100%) - Started on April 26, 2022 and completed on February 3, 2023. - Outlet Structure Works - Concrete Works: 1829.20m³/ 1829.20m³ (100%) started on May 7, 2021 and completed on May 9th, 2022. - Additional Concrete: Additional concrete at DT.B outlet wall started on January 16, 2023 and completed on January 28, 2023. Total Quantity poured was 358 / 358m³ (100%). - Inlet dyke - Concrete: completed on July 4, 2019. - Permeability test around the inlet dyke started on January 29, 2020. - Concrete Pouring for remaining Inlet Dyke completed during the month of May, 2022. - Some Part of Inlet Dyke in front of Diversion Tunnel No. A was removed for making platform for the Construction of Inlet Structure Slab. - Inlet dyke in front of Diversion Tunnel No. B was removed from El. 788m to El. 776m. 4 No. of blasts carried out on January 31, 2023, 12th, 13th & 16th February, 2023 to remove DTB Inlet Dyke. - Inlet Dyke In front of Diversion Tunnel A was removed up to the El. 774.00 - After the diversion of river through DTA, the water level at the DTB Inlet Dyke is low so the Contractor started to prepare the access to the DTB Inlet Dyke for the further downside excavation. - Excavation continued for removal Diversion Tunnel inlet Dyke during the Month of May. - Diversion Tunnel Outlet Dyke - Concrete Works: for DT-A 100% completed on June 11, 2021 				

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<ul style="list-style-type: none"> - for DT-B 100% completed on June 13, 2021 - Reconstruction of DT-A Dyke completed on June 13, 2022. - Reconstruction of DT-B Dyke completed on June 6, 2022. - Demolishing of Diversion Tunnel Outlet Dyke for removal of water from Diversion Tunnel carried out during the month of September - Outlet Dyke in front of DTB was blasted on February 10, 2023. - Outlet Dyke in front of DTA was blasted on April 13, 2023 				
7	Left Bank Traffic Diversion Tunnel	<ul style="list-style-type: none"> - Upstream Surface Excavation for Inlet Portal- 100% - Excavation of the Slope for Outlet- 100% - Support of the slope for outlet- 100% completed on December 14, 2022 - Canopy tube drilling and installation- 100% 	<ul style="list-style-type: none"> - Underground Excavation from U/S started on April 1, 2021 and progressed up to Ch. 1+136.50m till end of May 2023. - Underground Excavation from D/S started on December 15, 2022 and progressed up to Ch. 1+166.40 (198.60m) till end of May, 2023. - Total U/G Excavation Progress – 1337m/1,365m (97.90%) 	Instructed the contractor to enhance progress at upstream and downstream of LBTDT in order to meet the working schedule		The Engineer repeatedly instructed the Contractor to expedite the work in Progress Review meetings.
8	Steel Truss Bridge at Seo	<p>Steel Truss Bridge at Seo</p> <p><u>Right side Abutment construction</u></p> <ul style="list-style-type: none"> - Foundation Grouting – 100% - Concrete placement – 100% <p><u>Left side Abutment construction</u></p> <ul style="list-style-type: none"> - Concrete placement – 100% <p>Bridge Installation- 100%</p>	In operation			
9	Left Bank Abutment (Logro Area)	<ul style="list-style-type: none"> - Excavation of the first layer of CR5-2 Road- 100% - Slope Excavation-100% - CR5 Pool Construction-100% 	Left Bank Abutment Left Bank Cable Crane Platform Excavation- 30.60%	Excavation for the cable crane slope protection is in progress, the excavation progress is slow due to the downside existing KKH road traffic safety hazards.		<p>The Contractor is instructed to expedite the LBTDT work so that traffic shall be diverted and the Contractor can work on cable crane.</p> <p>The Engineer also instructed for CR5/2 Slope Protection works.</p>
10	Right Bank Abutment (Siglo Area)	<ul style="list-style-type: none"> - D/S Temporary Access Road Construction- 100% - Excavation of Right Bank Cable crane Platform-100% completed on May 23, 2023. 	<p>Right Bank Abutment (Siglo Area)</p> <ul style="list-style-type: none"> - U/S Temporary Access Road Construction- 79% - Excavation of Right Bank Cable crane Platform-100% completed on May 23, 2023. - Installation of scaffolding for installation of wire mesh for shotcrete spray started on May 22, 2023. 			
11	1# Batching Plant and 1# Crushing Plant at Uchar Area	<ul style="list-style-type: none"> ▪ Civil and mechanical works completed for Batching and Crushing Plant at Uchar 	<p>1# Batching Plant and 1# Crushing Plant at Uchar Area</p> <ul style="list-style-type: none"> - Fencing Wall- 100% - Construction of Generator's house- 100% - Installation of generator system started on March 23, 2023. And all three Generator installation completed on End of May. One Generator is in operation and remaining two shall be in operation after completion of Starter Dam Concrete. 	" high %age of elongated & flakiness particles at 25mm-50mm aggregate)		Waiting for decision that elongated & flakiness targets can be achieved by 1# Batching or not
13	Uchar Tentative Crushing Plant (River side)	All civil works and installation of machines completed	In operation			
14	Tentative Batching Plant (at Logro)	All civil works and installation of machines completed	In operation			
15	Kass Camp	<ul style="list-style-type: none"> - Pool Construction-100. - Prefabricated house hoisting- 100%. - Chinese Canteen- 100% - Installation of precast fence- 100%. 	<ul style="list-style-type: none"> - The construction of Kass Main Camp is in progress. The status of the construction is as follows. - Stone Masonry for Retaining Wall-80% - Bypass Road Construction- 10% - Store Construction- 20% 	<ul style="list-style-type: none"> a) 2.48ha area is disputed in Kass. b) The Employer informed his comments on the Design of Security Watch Tower. 		<ul style="list-style-type: none"> a) The Employer should resolve this issue on urgent basis. b) The Engineer instructed the Contractor to revise the design of Security Check Post as per the comments by the Employer.

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
16	U/S Starter Dam Concrete & Cut off Wall Excavation and Concrete Works	Right & Left bank fill road to U/S coffer dam- 100%	<p>Upstream Starter Dam Concrete Works</p> <p>Concrete works of U/S Starter Dam started on March 8, 2023 and progress is 33428m³/ 37,337 (89.50%) till end of May, 2023.</p> <p>Cut-off Wall</p> <p>Cut-off Wall Drilling started on December 24th, 2022 from the right side and remained continued during the month of May-2023. Drilling progress achieved 3524.60m² /3736.50m² (94.30%) till end of May, 2023.</p> <p>Concrete pouring for Cut off wall started on January 17, 2023 and progress is – 3592.50m³/ 3787.00m³ (94.90%) till end of May, 2023</p> <p>Concrete pouring for the Guide wall of the Cut-off wall started on Dec 3rd, 2022- 122m/122m (100%) completed at end of March, 2023.</p> <p>(Note: The current excavation and concrete quantities are modified as per the actual rock line established after the completion of bore hole investigation. The bore hole investigation completed in the month of April 2023. The Quantities mentioned in this report are based on the actual rock line.)</p>	The Engineer issued the NCR - 50,51,52,53 & 55 regarding the improper pouring of concrete at the upstream starter dam		<p>The Contractor was instructed to expedite drilling of cut off wall and concrete work of starter dam.</p> <p>The Engineer discussed evacuation plan with the Contractor in case of River Level raise above El. 781m.</p>
17	Right Bank Bypass Tunnel on the right bank	-	<p><i>Right Bank Bypass Tunnel on the right bank</i></p> <p>First stage Excavation</p> <p>1st U/G Blast at Inlet carried out on February 4, 2023 at Ch. 0+025m and progress up to Ch. 0+222m (197m) till end of May, 2023.</p> <p>1st U/G Blast at outlet carried out on February 14, 2023 at Ch. 0+528m and progress up to Ch. 0+392m (136m) till end of May, 2023.</p> <p>Total underground 1st stage excavation progress is 333m/ 503m (66%) till end of May, 2023.</p> <p>Second stage Excavation</p> <p>1st U/G Blast at Inlet carried out on April 21, 2023 at Ch. 0+025m and progress up to Ch. 0+087m (62m) till end of May, 2023.</p> <p>1st U/G Blast at outlet carried out on April 21, 2023 at Ch. 0+528m and progress up to Ch. 0+465m (63m) till end of May, 2023.</p> <p>Total underground 2nd stage excavation progress is 125m/ 503m (24.85%) till end of May, 2023.</p> <p>Overall Excavation for Right Bypass Tunnel Completed till end of May- 2023- 53%</p> <p>(Note: Work from Inlet side stopped due to raising of Indus River level on May 21, 2023)</p>	Work from Inlet side stopped due to raising of Indus River level on May 21, 2023		
18	RCC Batching Plant at Siglo Area		<p>Excavation and Ground Leveling Work- 2%</p> <p>[Note: Contractor's work is stopped from Feb 24, 2023 due to local people issues.</p> <p>Contractor resumed work on April 15, 2023 but again stopped by the local people on April 25.</p> <p>The Contractor resumed work on May 8, 2023 but again stopped by the local people on the same day.]</p>	Local People stopped the work due to land payment issue.		The Employer is in negotiation with the locals for early solution of this issue.
19	RCC Crushing Plant at Siglo Area		<p>Contractor's work is stopped from Feb 24, 2023 due to local people issues.</p> <p>Contractor resumed work on April 15, 2023 but again stopped by the local people on April 25.</p> <p>The Contractor resumed work on May 8, 2023 but again stopped by the local people on the same day.</p>	Local People stopped the work due to land payment issue.		The Employer is in negotiation with the locals for early solution of this issue.

4.6.5 Summary of Varied Works of MW-01

Varied works under MW-01 Contract are required as listed below due to the following major reasons:

- Delaying of Relocation KKH (KKH-01):

- i) River diversion tunnels and gates were enlarged (VO-003 & VO-006) to secure general traffic and to mitigate inundation risks of the existing KKH,
- ii) Temporary facilities for construction of diversion tunnel were changed (VO-001 & VO-002) to compliance with increase of the work quantities of diversion tunnels, and
- iii) Traffic bypass route of general traffic on the existing KKH is required (VO-004) to proceed left bank excavation for the main dam.

- Delaying of Handover of Allotted Area:

General layout of temporary facilities had been forced to rearrange within the limited land (VO-001, VO-002, and VO-005).

Status of the varied works is summarized in the following Tables.

Table 4.22: Status of Variation Order by the Engineer

ID	Varied Works	Latest RFP	Contractor's Latest Proposal	Engineer's Assessment	Signed VO
VO-001	Construction Roads and Platforms for Diversion Facilities	06 Mar. 2020	20 Dec. 2021	30 Dec. 2021	16 Jan 2022 PKR 967 mil.
VO-002	Adit Tunnels for Diversion Facilities	17 Jul. 2019	20 Dec. 2021	31 Dec. 2021	16 Jan 2022 PKR 1,275 mil.
VO-003	River Diversion Tunnels	29 Sep. 2020	30 Oct. 2020	21 Jan. 2021	17 Nov 2021 PKR 19,805 mil.
VO-004A	Construction of LB Traffic Diversion Tunnel	12 Feb. 2021	20 Dec. 2021	20 Dec. 2021	16 Jan 2022 PKR 1,010 mil.
VO-005	Land Lease at Purana Gao-Seo Area Phase- 1	N/A	N/A	N/A	01 July 2020 PKR 81 mil.
VO-006	Provision of Power Supply to No.1 Crushing and Batching plant	N/A	N/A	N/A	26 Sep 2022 1772 mil.
VO-007	Diversion Gates & Hoists	14 Apr 2022	2 Jan 2023	N/A	N/A
VO-008	Permanent Access Roads and Construction Access Roads in Left Bank	1 September 2022	22 Feb 2023	N/A	N/A
VO-09A	Measures for Debris Flow related to the River Diversion Tunnel	28 Feb 2023	12 Mar 2023	N/A	N/A
VO-010	Revised Downstream Cofferdam	N/A	N/A	N/A	9 March 2023 PKR 302 mil.

4.6.6 Summary of Daily Work Records of MW-01

Summary of Daily Work Records of MW-01 is attached in Appendix-K

4.7 DASU-MW-02: Underground Power Complex, Tunnels and Hydraulic Steel Structures

4.7.1 General Contract Data of MW-02

General Contract Data of this package is summarized in the following Table:

Table 4.23: General Contract Data of Dasu-MW-02

Item	Data
Contract Number	ICB No. Dasu-MW-02
Contract Name	Underground Power Complex, Tunnels and Hydraulic Steel Structures
Contractor	China Gezhouba Group Co. Ltd (CGGC)
Contract Agreement Signed	March 08, 2017
Commencement Date	June 23, 2017
Contract Price	PKR 64,426,426,087/-
Time of Completion	2069 days
Contract Completion Date	Feb 21, 2023
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.7.2 Progress Status of MW-02

The progress of MW-02 during this month is summarized in the following Table:

Table 4.24: Progress of MW-02 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress during this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. Dasu-MW-02	71.3	66.1	10.1	3.75	0.27	56.6	10.3

- Gantt chart and S-Curves are shown in Figure 18 and Figure 19

- The scheduled progress of MW-01 and MW-02 has been estimated by the Engineer according to EoTs granted. The Contractor shall submit the revised baseline programme.

Excavation Progress in the Month of April 2023				
Date	25/04/2023	26/05/2023	Excavated Length (m)	Remarks
Location	Chainage	Chainage		
STB	0+129	0+133	4.0	Slow Progress due to resources limitation
TRT-01 D/S From CT2	1+629	1+664	35.0	Crown Portion Excavations in Linear meters
TRT-01 U/S From CT2	1+538	1+486	52.0	
TRT-02 D/S From CT2	1+674	1+705	30.5	
TRT-02 U/S From CT2	1+606	1+556	50.0	
TRT-01 D/S From CT1	0+018	0+021	11.5	
TRT-01 U/S From CT1	0+007	0+001	5.5	
TRT-02 D/S From CT1	0+015	0+021	6.5	
TRT-02 U/S From CT1	0+007	0+001	5.5	

4.7.3 Major Activities of MW-02

The major construction activities undertaken during this month were:

4.7.3.1 Preparatory Works

(1) Khushi Labour Camp

- Khushi Labour Camp is completed on the 26th of June 2021.

(2) CR4 /LU1/CR5-1 Road at Logro-1 Area

- A part of the Logro 1 area (0.53 ha) was handed over on 13th of March 2020.
- 1st Blasting of CR4 was executed on 17 March 2020.

- Pilot road excavation of CR4 Road was completed.
- Access road of Power Intake Protection Construction of Fence Platform for access road to Power Intake was commenced on 27th of October 2021.
- Excavation and mucking activities were carried out during the month of May 2023 at two sections: from CH.0+00 to CH.0+60 and from CH.0+950 to CH.0+820.
- During this month May 2023 excavation and mucking was in progress at CH.0+00 to CH.0+60 and CH.0+950 to CH.0+820.

(3) Permanent Access Road LD 7

- No Activity due to diversion of the access road to LD7 for CR-9 area access.

(4) Khushi Batching Plant:

- The remaining part of LD7 (1.982ha) at Khushi area was handed over on 3rd March 2020.
- Contractor submitted document for new batching plant in Khushi was submitted on 19th of February 2020 and the Engineer replied with comments on 5th of March 2020.
- Civil works for aggregate storage area have been completed on 28th March 2021.
- Batching Plant of CR9 Area is Operational However Some reservations yet to be fulfilled by the Contractor as per the Engineer's instruction.

4.7.3.2 Underground Powerhouse Complex

(1) Main Access tunnel

- Excavation and supporting works of Main Access Tunnel completed on 30th Nov. 2020 (963.50 m in total, 100.00% of total length of 963.5 m).

(2) Main Access Platform

- Gravity Wall Type A: Substantially completed in 22nd September 2019 (949 m3 in total, 94% of design volume).
- Gravity Wall Type C: Substantially completed on 1st July 2019 (356 m3 in total)
- Leaning Retaining Wall Type III: Substantially completed on 20th June 2019 (791 m3 in total, 89% of design volume).
- Gravity Wall Type B: Not yet.

(3) Surge Chamber Vault Access Tunnel

- Excavation and supporting works started on 29 Dec 2019.
- Work progress in Mar 2023: 0.00 m (518.00 m in total, 97.7 % of total length of 530.0 m)
- The excavation and supporting works were suspended due to lack of ventilation system since January 2023. The bottom enlargement was completed on May 10, 2023, to secure additional space for ventilation system.
- Excavation and support work for SCVAT #2, from CH. 0+25 to CH.0+38, and for SCVAT #1, from CH.0+67 to CH.0+73, towards the Surge Chamber, resumed on May 11, 2023, and continued throughout May 2023.

(4) Service Tunnel A

- No activity in this month.
- The excavation and supporting works were started on 20 January 2020 and substantially completed on 30 June 2021 (567 m in total, 99.5% of total length of 569.73 m)
- The invert concrete works is scheduled from Feb. 2024 (R5-D12).

(5) Service Tunnel C

- No activity in this month.
- The excavation and supporting works were commenced on 02 February 2020 and substantially completed on 31 Jan. 2022.
- The invert concrete works is scheduled from Dec. 2023 (R5-D12).

(6) GIS Room Access Tunnel

- No activity in this month.
- The excavation was commenced on 01 March 2020 and substantially completed in 20 March 29, 2023 (113m in total 98.9% of the total length of 114.18 m)

(7) Service Tunnel B

- The excavation and supporting works were commenced on 15th May 2022.
- Excavation and support works were resumed on May 07, 2023, following the Engineer's approval of the installation of a ventilation fan.
- The current excavated chainage in May 2023 is 0+139.0m (42.03% of 330.64).

(8) Exhaust Tunnel

- Excavation and supporting works of the tunnel section were commenced on 14 March 2020, and completed on 8th September 2020 (217.26 m in total 100% of the total length of 217.26 m).
- Excavation and supporting works of the vertical shaft were commenced on 26th October 2022 and completed on 15th February 2023.
- In May 2023, a total of 243 cubic meters of concrete was poured for the Invert Concrete pavement.

(9) Exhaust Vertical Shaft

- The pilot excavation was commenced on 26-Oct-2022 and completed on 23-Nov-2022.
- The enlargement was commenced on 03-Jan-2023 and completed on 15-Feb-2023.

(10) Underground Powerhouse

- Excavation of Bench 1 of Crown Portion (Pilot Tunnel I-1) commenced on the 23rd May 2020.
- Pilot excavation was completed on 3rd February 2021.
- I-2 Enlargement was completed on 5th June 2022.
- I-3 Enlargement was completed on the 24th March 2022.
- Excavation for 2nd Bench Commenced on 25 Sep. 2022 and completed on 28th of November 2022.
- Total excavation volume up to the second bench is 66790.00 m³ out of total excavation volume of 378,570.46 m³, which is the progress of 17.34%
- In May 2023, Support Works including PS Tendon and instrumentation installation was in progress for the overall Crown Portion.

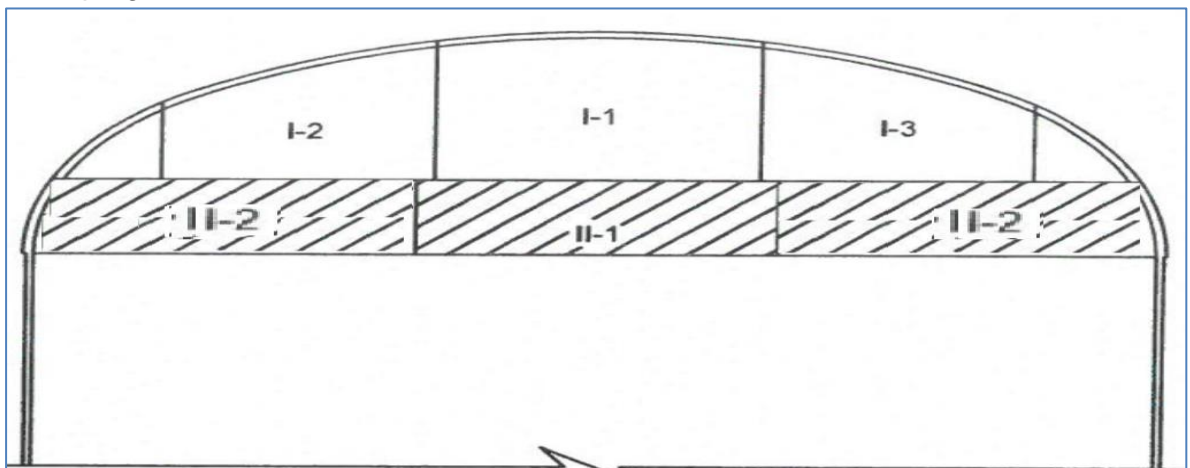


Figure: Section of Powerhouse Cavern 2nd Bench

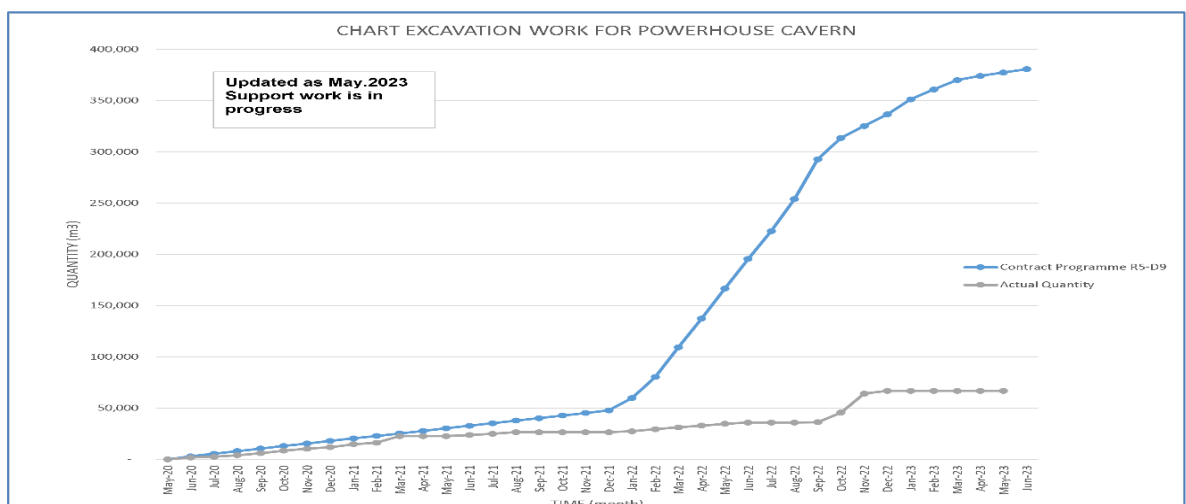


Figure Work Progress of Powerhouse Cavern 2nd Bench

(11) Underground Transformer Cavern

- Excavation of Bench 1 of Crown Portion (Pilot Tunnel I-1) was commenced on 4th June 20.
- Pilot excavation (I-1) was completed on 25th December 2021.
- I-2 Enlargement was completed on 12th June 2022.
- I-3 Enlargement was completed on 22nd July 2022.
- Excavation for 2nd Bench Commenced on 25th Sep 2022 and completed 23rd Nov 2022.
- Total Excavation Volume up to the second bench is 55,300.7m³ of total excavation volume of 234,829.30m³, which is the progress of **23.5%** in total.
- Trial tension test of PS Tendon with different bond length was completed 11th Nov 2022.
- Installation of PS Tendon was commenced on 23rd February 2023.
- During the month of May 2023, the works involving PS tendon tensioning and head block concrete for the arch portion were in progress.

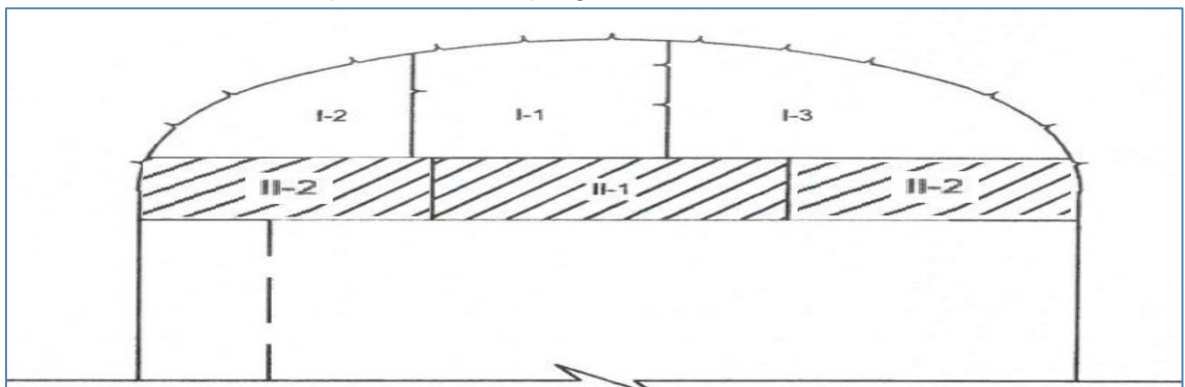


Figure: Section of Transformer/GIS Cavern Excavation 2nd Bench

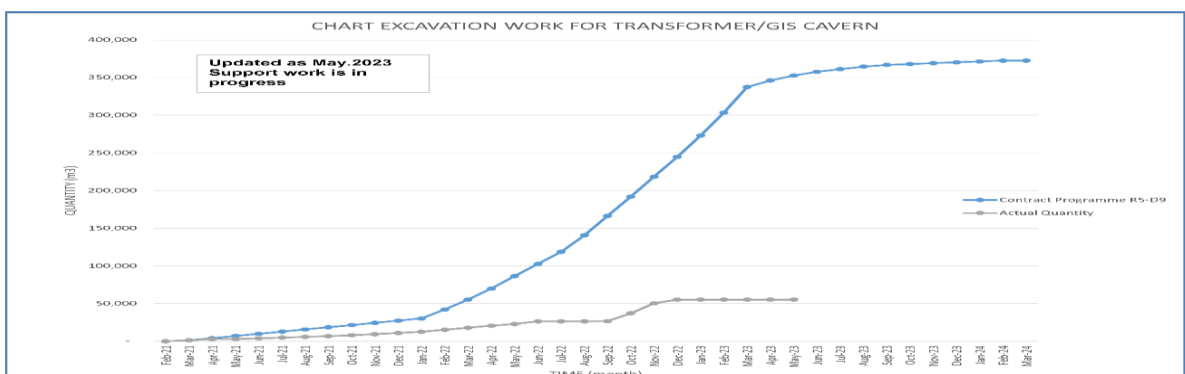


Figure: Work Progress of Transformer/GIS Cavern 2nd Bench Diagram

(12) Drain Tunnel

- Drain Tunnel was commenced on 06 July 2019.
- Work progress of the Drain Tunnel (924.50 m in total, 97.36 % of total length of 949.50m).

(13) Connection Tunnel to Transformer Cavern

- Tunnel excavation commenced on 23 Apr 20 and substantially completed on 11 May 20.

(14) Connection Tunnel to Powerhouse Cavern (From Exhaust Tunnel)

- Tunnel excavation commenced on 6 May 20 and substantially completed on 21 May 20.

4.7.3.3 Connection Tunnel to Powerhouse Cavern (From Service Tunnel A).

- Tunnel excavation commenced on 25 April 2020 and substantially completed on 7th July 2020 (99.19 % of total length of 77.12 m).

4.7.3.4 Power Intake

- Protection fence was in progress (Ditch Excavation) Surface Excavation at El.1000m to El.972m.
- Construction of the Protective retaining wall at EL. 873.0 was commenced on 10 May 2023. It is a temporary structure to catch falling rocks during the surface excavation for the power intake to ensure the safety of the existing KKH and LBTT portal.

- During the month of May 2023, the excavation of the intake trench could not be carried out due to the construction of a protective retaining wall at El.873.0.

4.7.3.5 Lower Pressure Tunnel

(1) Penstock Adit Tunnel No.01

- Excavation of the Penstock Adit Tunnel No.01 commenced on 12 Nov. 2020 from the Service Tunnel A and completed on 06 May 2022: (55 m in total, 100% of total length of 55.55 m).
- Excavation of the Lower pressure Tunnel #1 was Started 08 May 2022.
- The crown enlargement was No Activity due shift of all resources to other contract works (MW-01) (Current Chainage is 0+47m January 2023).

(2) Penstock Adit Tunnel No.02

- Tunnel excavation commenced on 23 August 2020.
- Excavation of the Penstock Adit Tunnel No.02 commenced on 23 Aug. 2020 and completed on 07 Jun. 2021 (249.24 m in total, 100 % of total length of 249.24m).
- Excavation of Lower pressure Tunnel #2 commenced on 21 May 2022.
- Lower pressure tunnel # 2 Invert Cleaning and 921m³ Plug Concrete poured in Jan. 2023. The activities were suspended due to shift of all resources to other contract works (MW-01). The tunnel supporting works (steel arch installation) was resumed on 23 Mar. 2023.
- During the month of May 2023, construction support activities, such as the installation of steel arches, wire mesh, and grouting of anchor bars, were in progress.

4.7.3.6 Tailrace Tunnel

(1) Upstream Adit Tunnel CT1

- Excavation/Enlargement junction with transition/tailrace & CT1 was started on 21st Jan 2023 & enlargement of CT1 section at both junctions was completed on 13th Feb 2023.

(2) Downstream Adit Tunnel CT2

- Excavation was completed on 19th Feb 2023 and Support work was in progress.

(3) Tailrace Tunnel No.1

- The excavation was commenced on 03-Feb-2023 from CT2 and 19-Feb-2023 from CT1.
- In May 2023, excavation and support work were in progress. The length of the excavated pilot portion during this month was 82.50 meters from both the upstream and downstream ends.

(4) Tailrace Tunnel No.2

- The excavation was commenced on 15-Feb-2023 from CT1 and 21-Feb-2023 from CT2.
- In May 2023, excavation and support work were in progress. The length of the excavated pilot portion during this month was 92.50 meters from both the upstream and downstream ends.

4.7.3.7 Switchyard

- The open excavation and slope protection works commenced on 14th April 2022.
- Support work on 4th bench slope (El 950 ~ 940) of both left and right side was in progress.
- In May 2023, Reinforcement & Form work, and Concrete placing for steps of Side Drainage/Nullah at El: 960~971 and El: 956~952.5 was in progress (5th bench center portion).
- Slope protection , support work was in progress at 3rd bench (El.942 ~ 938)
- Removing Debris was in progress by daywork order.

Notes:

- The Engineer issued a day work order to install a fence along the local residential area with a blind curtain prior to land handover on 25th February 2020 to proceed with the portal work, safely.
- Fence material arrived on 9th March 2020. However, the Contractor has not started fencing work yet, since the Contractor shifted all materials and works to the Adit No.3 of Diversion Tunnel (MW-01).
- Engineer asked Contractor to start the activity at Switchyard during joint inspection dated 31st of Oct 2021.
- Engineer asked Contractor for Join Inspection to commence activity at Switchyard area on 2nd Dec 2021.
- Demolishing of local houses / with self-resettlement has been in progress (Dec 2021) at Switchyard Area.
- Excavation of 1st, layer/Bench was started on 14 April 2022. (InProgress)
- A meeting was held regarding the Boundary line of Switchyard and KKH Batching Plant.

4.7.4 Summary of Daily Work Records of MW-02

Summary of Daily Work Records of MW-02 is attached in Appendix-K

4.7.5 Dewatering Record

Dewatering Record during Contractor's Suspension Work- for the Month of May 2023 MW-02						
Workforce			Equipment			Remarks
Type	Location	Qty	Type	Power/Capacity	Qty	
Tech. Staff	MAT 0+370	0	Water Pump	75Kw	1	One Operator Visiting Different Faces
Electrician		1				
Skilled		1				
Tech.Staff		0				
Tech.Staff	MAT 0+510	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	STA To PA &STA 0+300	0	Water Pump	7.5Kw	1	
Electrician		0		75Kw	1	
Skilled		1				
Tech.Staff		0				
Tech.Staff	PH	0	Water Pump	45Kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	ADFT	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	MAT 0+820	0	Water Pump	75Kw	1	
Electrician		1				
Skilled		1				
Tech.Staff		0				
Tech.Staff	CR-9 PowerStation	0				
Electrician		1				
Skilled		1				
Tech.Staff		0	Generator	880KVA	1	

4.8 Dasu-LBRV-11: Resettlement Villages (Khoshe, Logro & Uchar)

4.8.1 General Contract Data of LBRV-11

General Contract Data of this package is summarized in the following Table.

Table 4.25: General Contract Data of Dasu-LBRV-11

Item	Data
Contract Number	ICB No. DASU-LBRV-11
Contract Name	Resettlement Villages (Khoshe, Logro & Uchar)
Contractor	M/s Zhongmei Engineering Group Limited
Contract Agreement Signed	Apr 20, 2017
Commencement Date	Dec 26, 2018
Contract Price	PKR 1,120,509,415 /-
Time of Completion	364 Days
Contract Completion Date	Dec 25, 2019
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.8.2 Progress Status of LBRV-11

The progress of DASU-LBRV-11 during this month is summarized in the following Table:

Table 4.26: Progress of LBRV-11 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-LBRV-11	53.2	228.2	97.0	-	-	100.0	97.0

- Gantt chart and S-Curves are shown in Figure 20 and Figure 21

- The actual work progress is based on the revised scope. The Engineer is finalizing his recommendation/assessment of LBRV11&12 for the Employer.

4.8.3 Major Activities of LBRV-11

The following are major construction activities undertaken during this month:

(1) At Khoshe sites following activities are in progress.

➤ Khoshe Site-01

- No activity

➤ Khoshe Site-02

- No activity

(2) At Uchar site following activities are in progress.

- Water supply line is in progress.

4.8.4 Location wise Status of LBRV-11

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.27: Location wise Status (LBRV-11)

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
1	Khoshe-1	Water tank, septic tank, anaerobic tank, stone masonry retaining walls, manholes, Mosque & Khuprail tile, and backfill of retaining wall Completed slope protection completed. PAR excavation Completed .slope protection completed. pcc road completed .sewerage work completed.	No activity			
2	Khoshe-2	Link-01, Land Development and stone masonry safety wall, RCC sewerage line is completed. Retaining wall completed.	No activity		Nil	
3	Uchar 01	Site is handed over to local people except Mosque on 05 th November, 2020 Mosque grey structure and boundary wall, Sewerage line & soakage pit completed	Water supply line is in progress. Site hand overed		Nil	

4.9 Dasu-LBRV-12: Resettlement Villages (Barseen, Nasirabad & Kaigah/Dhaar)

4.9.1 General Contract Data of LBRV-12

General Contract Data of this package is summarized in the following Table.

Table 4.28: General Contract Data of Dasu-LBRV-12

Item	Data
Contract Number	ICB No. DASU-LBRV-12
Contract Name	Resettlement Villages (Barseen, Nasirabad & Kaigah/Dhaar)
Contractor	M/s Zhongmei Engineering Group Limited
Contract Agreement Signed	Apr 20, 2017
Commencement Date	Dec 26, 2018
Contract Price	PKR 1,016,820,466 /-
Time of Completion	364 Days
Contract Completion Date	Dec 25, 2019
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.9.2 Progress Status of LBRV-12

The progress of DASU-LBRV-12 during this month is summarized in the following Table:

Table 4.29: Progress of LBRV-12 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-LBRV-12	53.2	237.2	98.0	-	-	100.0	98.0

- Gantt chart and S-Curves are shown in Figure 22 and Figure 23

- The actual work progress is based on the revised scope. The Engineer is finalizing his recommendation/assessment of LBRV11&12 for the Employer.

4.9.3 Major Activities of LBRV-12

The major construction activities undertaken during this month were:

(1) At Nasirabad- Site-1

- No activity

(2) At Nasirabad- Site-2

- No activity

4.9.4 Location wise Status of LBRV-12

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.30: Location wise Status (LBRV-12)

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
1	Nasirabad-1	Plot development and road completed. Septic tank completed. Stone masonry retaining wall completed. Water tank completed. Sewerage work 100% completed .mosque only door remaining. Slope protection completed, PCC road completed. Mosque completed except window glasses.	- No activity			
2	Nasirabad-2	Plots development and road completed. Stone masonry retaining wall completed. Septic tank completed .anaerobic tank completed. Pcc of road completed .mosque completed except window glasses .sewerage work completed. water supply pipes lying completed. Water supply pipes lying completed.	- No activity			

4.10 Dasu-PCI-01R: Construction of Project Colony and Infrastructure

4.10.1 General Contract Data of PCI-01R

General Contract Data of this package is summarized in the following Table.

Table 4.31: General Contract Data of Dasu-PCI-01R

Item	Data
Contract Number	ICB No. Dasu-PCI-01R
Contract Name	Construction of Project Colony and Infrastructure
Contractor	China Gansu International Corporation for Economic and Technical Corporation (CGICOP)
Contract Agreement Signed	Oct 18, 2018
Commencement Date	May 20, 2019
Contract Price	PKR 4,900,000,009 /-
Time of Completion	728 Days
Contract Completion Date	May 17, 2021
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.10.2 Progress Status of PCI-01R

The progress of DASU- PCI-01R during this month is summarized in the following Table:

Table 4.32: Progress of PCI-01R this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-PCI-01R	48.4	116.9	63.0	-	1.10	100.0	64.1

- Gantt chart and S-Curves are shown in Figure 24 and Figure 25

- The Engineer is preparing a recommendation/assessment report of EoT-02 for the Employer.

4.10.3 Major Activities of PCI-01R

The major construction activities undertaken during this month were:

- Door fixing and polishing at Residence Cat -2B & 2C is in progress.
- Boundary wall masonry and plastering at residence Cat - 2B, 2C & 2D in progress.
- Painting of boundary wall of Cat -2C and 2D in progress.
- Ppr and plumbing work in bath rooms at residence 2C and 2D in progress.
- Electrification work at 2B and 2C in progress.
- Ramp construction towards the car porch at residence Cat -2C and 2D in progress.
- Internal and external wall and roof Painting at residence Cat- 2B and 2C in progress.
- Bathroom fixtures fixing at residence Cat - 2C & 2D in progress.
- Installation of windows aluminum at Residence Cat 2,2B and 2C in progress.
- Plinth protection at Cat 2C and 2D in progress.
- Spiral stair painting in progress.
- Internal stair railing painting in progress.
- Kitchen cabinet fixing and painting in progress.
- Road concreting at s1a, s1, s2 and s3 road is in progress.
- Fixing of curb stone at s1a, s1 s2 and s3 roads in progress.
- Outstanding works at project office and Cat -1 is in progress.
- Rcc sewerage pipe joint fixing at phase A is in progress.
- Block masonry at residence Cat 3 and Cat 4 in progress.
- Plastering at residence cat -3 and residence cat-4 in progress.
- Conduction of pressure tests of water supply pipes in progress.
- Sluice vales construction in progress at phase A.
- Septic tank type A construction in progress.
- Construction of storm drain along P1 road in progress.
- Marble fixing at hostel cat 2A and 2B in progress.
- Sewerage work at hostel Cat 2 A and 2B in progress.
- External boundary wall: stone masonry and block masonry is in progress.
- Curb stone fixing is in progress at s1 road.
- Construction of storm drain at s2 road is in progress.
- Watch tower construction at s2 road in progress.

4.10.4 Location wise Status of PCI-01R

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.33: Location wise Status (PCI-01R)

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
1	Project Colony at Choochang	<p>PROJECT OFFICE Frame structure & block masonry at G.F, 1st floor, 2nd floor and mummy floor is completed. Plaster work completed. Marble, ceramic and porcelain tile work completed .Aluminum work and glass fixing for windows completed. False ceiling completed. Internal painting completed .dome fixing completed .fan installation completed. Curtain wall completed. Lawn area paver fixing completed. Pavers at transport pool completed Doors completed.</p> <p>Residence cat-1 Frame structure completed .block masonry work completed. Plaster work completed .marble fixing completed. Completed. porcelain tile fixing completed Ceramics tile fixing completed .stair marble completed. Roof treatment completed. Doors completed.</p> <p>Residence cat 2. Block masonry completed and plaster work completed. Plaster completed.</p> <p>Residence Cat-2A: Frame structure work completed. Block masonry work and plaster work completed. Completed. plaster completed</p> <p>Residence Cat-2B: Frame structure and block masonry work completed. plaster completed</p> <p>Residence Cat-2C: Frame structure and block masonry completed. plaster completed</p> <p>Residence Cat-2D: Frame structure and block masonry completed. plaster completed</p> <p>Cat-3A: Frame structure completed except mummy</p> <p>Cat-3B: Frame structure completed except mummy</p> <p>Cat-3D: Frame structure completed except mummy</p> <p>Cat-4A: Frame structure completed except mummy</p> <p>Cat-4C: Frame structure completed except mummy</p> <p>P1 Road- RCC retaining Wall concrete, backfilling and stone masonry parapet wall is completed. Concrete pavement completed.</p> <p>Hostel cat 2 A& 2B Frame structure completed .block masonry completed .plaster completed.</p>	<ul style="list-style-type: none"> • Door fixing at Residence Cat -2B is in progress. • Boundary wall masonry and plastering at residence Cat -2, Cat -2A, 2B, 2C & 2D in progress. • Ppr and plumbing work in bath rooms at residence cat-2B, 2C and 2D in progress. • Electrification work at 2B and 2C in progress. • Ramp construction towards the car porch at residence Cat -2 and 2A in progress. • Painting at residence Cat 2 and 2A in progress. • Bathroom fixtures fixing at residence Cat -2B & 2 C in progress. • Installation of windows aluminum at Residence Cat 2,2B and 2c in progress. • Laying of Base course for Secondary roads s1, s2 and s3 in progress. • Car porch concreting at residence Cat 2A & 2 B in progress. • Block masonry at residence Cat 3 and Cat 4 in progress. • Plastering at residence cat -3 and residence cat-4 in progress. • Form work and reinforcement fixing for the mummies of cat 3 and cat 4 is in progress. • Conduction of pressure tests of water supply pipes in progress. • Sluice vales construction in progress. • Septic tank type a construction in progress. • Construction of storm drain along P1 road in progress. • External boundary wall: block masonry and plastering in progress. 			

4.11 Dasu-RV: Resettlement of Village Couching and Construction of Spatial Museum

4.11.1 General Contract Data of RV

General Contract Data of this package is summarized in Table 4.3.

Table 4.34: General Contract Data of Dasu-RV

Item	Data
Contract Number	ICB No. Dasu-RV
Contract Name	Resettlement of Village Couching and Construction of Spatial Museum
Contractor	Khyber Grace (KGL) Pvt. Ltd.
Contract Agreement Signed	June 18, 2019
Commencement Date	June 18, 2019
Contract Price	PKR 654,815,181 /-
Time of Completion	546 Days
Contract Completion Date	Dec 15, 2020
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.11.2 Progress Status of RV

The progress of DASU- RV during this month is summarized in the following Table:

Table 4.35: Progress of Dasu-RV this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-RV	47.5	264.5	66.2	-	0.17	100.0	66.4

- Gantt chart and S-Curves of Dasu-RV shown in Figure 26 and Figure 27

- Contractor shall submit updated programme and revised EoT for PM's review and approval. Actual work progress is based on revised scope.

4.11.3 Major Activities of RV

The major construction activities undertaken during this month were:

(1) Additional Choochang site 1

- Site is handed over to local people.

(2) Choochang Site 1

- Block masonry at mosque is in progress.
- Slope protection work is in progress.
- Pipe shifting for water supply to Dasu RVs in progress.

(3) Kuz Choochang Site Upper & Lower Portions

- Water supply pipe shifting is in progress.

(4) Choochang Site 2 & 3

- No activity

(5) Shatial Rock Carving Site

- Work is stopped at shatial rock carving site due to local since 20-11-2020. However, followings are the summary of activities:
- Fencing Wall Concrete Columns from Points P2 to P3 is in progress.
- Installation of GI Post dia 75mm along river side is completed.
- Stone pitching of parking area is in progress.
- Super structure work above plinth beam for staff residence building in progress

4.11.4 Location wise Status of Dasu RV

The following Table provides information of section wise current status, current issues, possible further issues and action currently undertaken.

Table 4.36: Location wise Status (DASU-RV)

Sr. No	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
1	Shatial Rock Carving	Stone masonry of road retaining wall (P1-P2), (P2-P3), (P3-P4) is completed.	No activity.	Work stop due to social issue	-	Employer will take action on this.
2	Additional Choochang	Handed over to Local community on 5 th Nov, 2020 Stone masonry & back filling of retaining wall at lower side of septic tank is completed	No activity.	Nil	Nil	Nil
3	Choochang-1	Excavation of brest wall for slope protection, excavation of Relocated plots, retaining wall and excavation of Mosque retaining wall is completed.	-Slope protection work is in progress. -Pipe shifting for water supply to Dasu RVs in progress -Block masonry at mosque is in progress.	Punch list work is remaining.	Nil	Nil
4	Choochang-2	Nil	Not yet started	Work stopped due to non availability of Access road land.	Access is required	Nil
5	Choochang-3	Nil	Not yet started	Work stopped due to non availability of Access road land.	Access is required	Nil
6	KUZ Choochang lower portion & upper portion	Excavation for plot is completed at lower Kuz Choochang	Water supply pipe shifting is in progress.	Nil	Nil	PAR is decided and Layout drawing issued to the Contractor for the shop drawing

4.12 Dasu-EM-01: Procurement of Plant of Plant Design, Supply, Installation, Testing & Commissioning Hydro-Mechanical and Electrical Equipment.

4.12.1 General Contract Data of EM-01

General Contract Data of this package is summarized in the following Table.

Table 4.37: General Contract Data of Dasu-EM-01

Item	Data
Contract Number	ICB No. Dasu-EM-01
Contract Name	Procurement of Plant of Plant Design, Supply, Installation, Testing & Commissioning Hydro-Mechanical and Electrical Equipment.
Contractor	G.E Hydro China Co. Ltd. & Power China Zhongnan Engineering Corporation Ltd. Joint Venture (GE-PC JV)
Contract Agreement Signed	Nov 25, 2019
Commencement Date	May 20, 2020
Contract Price	PKR 25,471,001,920/- US\$ 243,984,000/-
Time of Completion	1,856 Days
Contract Completion Date	Jun 19, 2025
Extension of Time (EOT)	N/A
Revised Completion Date as per EOT	N/A
Construction Supervision Consultant (CSC)	Dasu Hydropower Consultants

4.12.2 Progress Status of EM-01

The progress of DASU- PCI-01R during this month is summarized in the following Table:

Table 4.38: Progress of EM-01 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-EM-01	36.4	59.6	7.3	1.67	0.20	18.1	7.5

- Gantt chart and S-Curves are shown in Figure 28 and Figure 29

4.12.3 Major Activities of EM-01 (Civil Works)

4.12.3.1 Construction Activities

Construction of Contractor's Camp

(1) Excavation:

- Land of Contractor's camp area at Kass was handed over on 9th April 2022 and Excavation works for land development of the Contractor's camp started from 15 March 2022 .

(2) Retaining Walls/Stone Masonry :

- Retaining wall stone masonry at Terrace No 16 was in Progress.
- Retaining wall stone masonry at Terrace No 3&9 was in progress.

(3) HSE Work:

- Safety Training was conducted for workers at site.
- Morning TBT was conducted at site.

(4) Watch Towers :

- Watch Tower No.7 Foundation excavation was in progress.
- Excavation for watchtower was completed.
- Foundation Concrete and Concrete Structure was completed.
- Block Masonry Completed: yet to be done.
- Modification as per Engineer and Employer Instruction: yet to be done.

(5) Under Construction Buildings.

- Excavation & Foundations:**
 - ✓ Terrace No.10, including the 3.5, 3.6, and 3.7 buildings.
 - ✓ Terrace No.11, specifically the 3.2.2 buildings.
 - ✓ Terrace No.2, specifically the 4.3 building.
 - ✓ Terrace No.2, specifically the 4.3 building.
 - ✓ Terrace No.15, including the 4.3, 4.7, and 4.8 buildings.
- Superstructures :**
 - ✓ Terrace No.6 office building.
 - ✓ Terrace No.11, specifically the 3.1 building.
 - ✓ Terrace No.12 security building.
 - ✓ Terrace No.16, including the 3.1, 16 3.2.2, and 16 3.4 buildings.
- Finishing Buildings Work:**
 - ✓ Terrace no.12 security building plaster was in progress.
 - ✓ Terrace no.12 security building truss welding was in progress.

(6) Backfilling by layer Including Cut and Fill Quantities. (Approx)

Location	Total Cut Volume M ³	Total Fill Volume M ³	Total Cut Volume M ³ May.2023	Total Fill Volume M ³ May.2023	Cut Volume M ³ May.2023	Fill Volume M ³ May.2023	Cut (%)	Fill (%)
Kass Camp/Civil Work	89,441.9	58,176	88,692.9	57580	751	0.00	99.1	99.6

Volumetric cut and fill. (99.1 / 99.6)

4.12.4 Equipment Detail

List of Machinery/ Equipment				
S/No.	Description	Type	Quantity	Remarks
1	Excavator Volvo	Tyre	01	
2	Excavator Hitachi	Chain	01	
3	Excavator Doosan	Chain	01	
4	Dumper	Tyre	01	
5	Dozer	Chain	01	
6	Tractor	Tyre	02	

7	Water Bowser	Tyre	02	
8	Concrete Mixer	Automated	04	
9	Pick up	Suzuki	02	
10	Car	Corolla	01	
11	Transit Mixer	Tyre	01	
12	Lifter Machine	Tyre	01	
13	Total Station	Nikon	01	
14	Generator		03	
15	Container	Small	01	
B				
		Manpower		
1	Site Manager		01	
2	Civil Engineer		02	
3	Site Supervisor		02	
4	Forman		02	
5	Surveyor		01	
6	Survey Assistant		01	
7	Excavator Operator		04	
8	Excavator Operator Helper		03	
9	Dozer Operator		01	
10	Driver		05	
11	Skilled Labor		39	
12	Unskilled Labor		47	
13	Watch Man		04	
14	Flagman		01	
15	HSE Staff		01	
16	Carpenter		24	
17	Steel fixer		19	

5 PAYMENT AND CLAIM STATUS

5.1 DHC Payment Status

Status of DHC Invoices submitted and payment received from WAPDA up to this month is given table below:

Status of Invoices Submitted and Payments Received From WAPDA

Total Contract Amount as per AM-4(B)				JPY	EURO	PKR				
				5,215,449,192	16,742,171	7,645,803,513				
Sr. No.	Inv. No.	Description	Submitted To Wapda			Payments Received From WAPDA *				
			Date	JPY	EURO	PKR	Date	JPY	EURO	PKR
1		Mobilization Advance		0	0	0	10.04.2015	284,715,484	777,495	167,799,158
2	001	Aug-14	06.03.2015	8,405,708	150	16,562,851		0	0	0
3	002	Sep-14	06.03.2015	11,922,037	150	18,508,898		0	0	0
4	003	Oct-14	06.03.2015	22,629,091	150	18,580,716		0	0	0
5	004	Nov-14	16.03.2015	27,598,424	29,849	27,713,464		0	0	0
6	005	Dec-14	18.03.2015	25,234,974	28,994	20,594,485		0	0	0
7	006	Jan-15	24.03.2015	12,711,871	16,375	29,801,646		0	0	0
8	007	Feb-15	30.03.2015	12,841,559	32,919	19,037,857		0	0	0
9	008	Mar-15	19.06.2015	21,055,679	44,401	29,446,228		0	0	0
10	009	Apr-15	19.06.2015	26,370,102	22,116	25,287,607		0	0	0
11	010	May-15	19.06.2015	19,567,111	45,421	28,157,418		0	0	0
12	011	Jun-15	27.07.2015	18,599,162	57,684	29,568,830		0	0	0
13	012	Jul-15	20.08.2015	11,939,864	39,018	28,833,478		0	0	0
14	013	Aug-15	23.09.2015	11,447,313	66,020	34,179,554		0	0	0
15	014	Sep-15	20.10.2015	15,648,775	61,828	29,842,901		0	0	0
16	015	Oct-15	23.11.2015	18,420,095	57,607	53,248,321	29.02.2016	0	0	5,751,295
17	016	Nov-15	21.12.2015	23,367,864	53,589	29,564,237	03.02.2016	0	0	9,211,398
18	017	Dec-15	25.01.2016	18,530,461	43,902	29,012,517	29.02.2016	0	0	9,475,900
19	018	Jan-16	26.02.2016	23,422,910	59,880	46,873,375	28.03.2016	0	0	13,388,161
20	018-R**	From Aug 2014 to Dec 2015	24.03.2016	0	0	40,964,475	12.04.2016	0	0	15,759,401
21	019	Feb-16	31.03.2016	20,078,687	48,599	28,361,112	18.05.2016	0	0	10,076,078
22	019-R***	From Aug 2014 to Jan 2016	07.04.2016	0	0	12,023,529	18.05.2016	0	0	1,481,194
23	020	Mar-16	22.04.2016 Resubmitted on 30.06.2016	23,432,735	58,393	25,971,654	19.07.2016	0	0	12,581,502
24	021	Apr-16	20.05.2016 Resubmitted on 28.07.2016	18,431,384	58,223	24,185,560	08.09.2016	0	0	14,436,817
25	022	May-16	20.06.2016 & PKR resubmitted on 22/09/2016	17,749,931	43,655	30,528,705	07.10.2016 & JPY & EURO 27.02.2017	7,057,385	0	19,625,266
26	Final Supplementary Invoice	For the month of July 2013, June 2014 & July 2014 Assignment-A	29.06.2016	3,818,324	2,742		JPY 27.12.2016 & EURO 03.01.2017	2,432,327	1,717	
27	Final Supplementary Invoice	From Sep 2011 to July 2014 Assignment-A	11.07.2016			47,341,439	23.11.2016	0	0	14,855,888
28	023	Jun-16	26.07.2016 & PKR submitted on 09/09/2016	19,139,749	36,433	27,473,100	11.11.2016 & JPY & EURO 27.02.2017	14,345,806	0	17,670,947
29	Arrears of Escalation	From Oct 2015 to Apr 2016	28.07.2016	0	0	1,355,438	07.10.2016	0	0	413,116
30	024	Jul-16	24.08.2016 & PKR submitted on 31/10/2016	20,944,715	61,067	24,665,984	30.12.2016 & JPY & EURO 27.02.2017	16,193,143		15,846,067
31	025	Aug-16	28.09.2016 & PKR Submitted on 19/12/2016	28,898,700	59,162	21,740,830	06.03.2017 & JPY & EURO 27.02.2017	22,370,210	15,264	18,538,901
32	026	Sep-16	25.10.2016 & PKR Submitted on 12.01.2017	20,457,552	33,105	32,972,027	06.03.2017 & JPY & EURO 27.02.2017	15,933,806	25,748	29,723,302
33	027	Oct-16	06.12.2016 & PKR 14.02.2017	14,676,229	56,107	22,391,491	JPY & EURO 27.02.2017 & PKR 10.04.2017	11,298,749	44,624	17,951,057
34	028	Nov-16	12.01.2017 & PKR Submitted on 22.03.2017	17,010,852	52,349	22,566,949	JPY 03.04.2017 & EURO 20.04.2017 & PKR 24.04.2017	13,561,713	41,752	17,202,754
35	001S to 005S	From Aug 2014 to Dec 2014	17.01.2017	35,021,686	16,190	50,871,653	19.06.2017 & Remuneration JPY 19.01.2018	9,296,144		25,721,225
36	006S to 011S	From Jan 2015 to Jun 2015	23.01.2017 & JPY & EURO on 24.01.2017	36,756,702	69,748	85,353,118	PKR Remuneration 19.06.2017 & PKR Reimbursable 27.07.2017 & Remuneration JPY 19.01.2018 & EURO Remuneration 29.01.2018	6,660,958	10,515	52,016,281
37	PST	Claimed PST Withheld from Assignment-B Invoices from Aug 2014 to Jul 2016	03.02.2017			61,313,933	17.01.2017 & 13.02.2017			61,313,933
38	012S to 017S	From Jul 2015 to Dec 2015	JPY & EURO 03.02.2017 & PKR 06.02.2017	36,713,717	83,680	93,151,635	PKR Reimbursable 27.07.2017 & Remuneration JPY 19.01.2018 & PKR Remuneration 15.11.2018	10,508,656		54,091,709
39	PST	Claimed PST withheld from Assignment-A Invoices	03.02.2017			5,399,488	PKR Remuneration & Reimbursable 04.02.2019			4,927,884
40	029	Dec-16	09.02.2017 & PKR 18.04.2017	9,687,563	45,912	24,460,842	JPY 03.04.2017 & EURO 20.04.2017 & PKR 17.05.2017	7,767,335	37,719	17,535,952
41	018S to 026S	From Jan 2016 to Sept 2016	22.02.2017 & PKR 13.04.2017	53,959,508	118,420	72,655,226	Jan 2016 & Feb 2016 PKR Reimbursable 19.10.2017 & Remuneration JPY 19.01.2018 & PKR Reimbursable 15.11.2018 & PKR Remuneration (Arrears of Escalation) 15.11.2018 & PKR Remuneration 11.04.2019	3,249,301		21,244,401
42	030	Jan-17	13.03.2017 & PKR 09.06.2017	11,265,956	43,684	27,832,378	JPY 10.04.2017 & EURO 24.04.2017 & PKR 17.07.2017	8,584,183	35,142	23,123,731
43	031	Feb-17	28.04.2017 & PKR 29.06.2017	11,051,050	54,667	24,625,784	07.06.2017 & 08.06.2017 & PKR Remuneration 27.07.2017 & PKR Reimbursable 06.09.2017	8,685,804	43,511	18,200,721
44		Topographical Survey & Geological Investigations & Tax on Reimbursable Assignment-A	03.05.2017			13,642,099				
45	032	Mar-17	11.05.2017 & PKR 19.07.2017	15,970,258	51,375	25,592,856	07.06.2017 & 08.06.2017 & PKR Remuneration 06.09.2017 & PKR Reimbursable 28.11.2017	12,524,914	41,337	18,351,490
46	033	Apr-17	01.06.2017 & PKR 23.08.2017	12,781,338	26,299	26,070,330	JPY 17.08.2017 & EURO 28.08.2017 & PKR Remuneration 19.10.2017 & PKR Reimbursable 21.12.2017	10,404,229	21,503	18,834,526
47	034	May-17	EURO 23.06.2017 & JPY 29.06.2017 & PKR Remuneration 14.09.2017 & PKR Reimbursable 18.09.2017	39,936,930	55,715	27,133,610	Remuneration JPY 17.08.2017 & EURO 28.08.2017 & Remuneration PKR 14.11.2017 & Reimbursable PKR 28.11.2017 & Reimbursable JPY 19.01.2018 & EURO Reimbursable 29.01.2018	32,079,999	44,725	18,701,410

Total Contract Amount as per AM-4(B)				JPY	EURO	PKR				
				5,215,449,192	16,742,171	7,645,803,513				
48	035	Jun-17	11.08.2017 & PKR 09.10.2017	18,594,227	48,854	28,277,373	PKR Remuneration 21.12.2017 & PKR Reimbursable 24.01.2018 & JPY & EURO 07.03.2018	14,869,448	39,543	17,561,796
49	036	Jul-17	13.09.2017 & PKR 06.11.2017	18,438,264	37,553	25,611,161	PKR Remuneration 21.12.2017 & Remuneration JPY 19.01.2018 & PKR Reimbursable 24.01.2018 & EURO Remuneration 29.01.2018 & JPY & EURO Reimbursable 07.03.2018	13,544,246	30,480	15,695,688
50	037	Aug-17	05.10.2017 & PKR Remuneration 06.12.2017 & PKR Reimbursable 07.12.2017	22,283,721	39,071	26,800,350	Remuneration JPY 19.01.2018 & PKR Remuneration 24.01.2018 & EURO Remuneration 29.01.2018 & JPY & EURO Reimbursable 07.03.2018 & PKR Reimbursable 07.03.2018.	13,524,337	31,475	13,785,805
51	038	Sep-17	30.11.2017 & PKR 11.12.2017	25,275,450	55,319	36,272,828	PKR Remuneration 24.01.2018 & JPY Remuneration 02.02.2018 & EURO Remuneration 06.02.2018 & JPY & EURO Reimbursable 07.03.2018 & PKR Reimbursable 07.03.2018.	16,737,519	39,192	29,029,316
52	039	Oct-17	18.12.2017 & PKR Remuneration 12.01.2018 & PKR Reimbursable 26.01.2018	30,965,060	48,541	24,755,246	JPY & EURO 07.03.2018 & PKR 07.03.2018	21,993,304	22,394	15,289,782
53	040	Nov-17	28.12.2017 & PKR Remuneration 02.02.2018 & Reimbursable 07.02.2018	24,890,298	41,738	24,452,117	JPY & EURO 07.03.2018 & PKR 27.03.2018	17,614,630	21,997	15,454,332
54	041	Dec-17	26.01.2018 & PKR Remuneration 06.03.2018 & Reimbursable 30.03.2018	26,066,347	76,887	40,807,244	JPY & EURO 07.03.2018 & PKR 25.05.2018	16,523,377	39,755	32,281,427
55	042	Jan-18	23.02.2018 & PKR Remuneration 13.03.2018 & Reimbursable 23.04.2018	24,236,376	63,218	58,859,377	JPY 26.03.2018 & EURO 27.03.2018 & PKR Remuneration 25.05.2018 & PKR Reimbursable 21.06.2018	14,993,551	35,810	17,564,044
56	043	Feb-18	30.03.2018 & PKR Remuneration 19.04.2018 & Reimbursable 21.05.2018	28,152,289	54,667	28,490,928	JPY 23.05.2018 & EURO 24.05.2018 & PKR Remuneration 21.06.2018 & PKR Reimbursable 18.07.2018	19,670,980	43,511	17,650,847
57	044	Mar-18	PKR Remuneration 25.04.2018 & JPY & EURO 30.04.2018 & PKR Reimbursable 30.05.2018	36,295,537	52,761	29,253,565	JPY 19.06.2018 & EURO 20.06.2018 & PKR Remuneration 21.06.2018 & PKR Reimbursable 13.08.2018	25,775,591	42,328	16,065,238
58	045	Apr-18	PKR Remuneration 01.06.2018 & JPY & EURO 14.06.2018 & PKR Reimbursable 16.07.2018	32,505,357	52,709	35,840,584	PKR Remuneration 18.07.2018 & JPY 30.07.2018 & EURO 31.07.2018 & PKR Reimbursable 10.09.2018	21,316,744	42,276	21,301,930
59	025S to 029S	From Aug 2016 to Dec 2016 Supplementary	PKR Reimbursable 22.06.2018			1,275,354	PKR Reimbursable 15.11.2018			1,151,599
60	030S to 035S	From Jan 2017 to Jun 2017 Supplementary	PKR Reimbursable 22.06.2018			22,576,668	PKR Reimbursable 20.02.2019			20,675,144
61	036S to 041S	From Jul 2017 to Dec 2017 Supplementary	PKR Reimbursable 22.06.2018			11,466,211	PKR Reimbursable 20.02.2019			11,043,683
62	046	May-18	PKR Remuneration 25.06.2018 & JPY & EURO 06.07.2018 & PKR Reimbursable 27.07.2018	32,008,847	46,592	30,724,047	PKR Remuneration & Reimbursable 10.09.2018 & JPY 13.09.2018 & EURO 14.09.2018	21,610,245	37,674	12,938,115
63	047	Jun-18	JPY & EURO 06.08.2018 & PKR Remuneration 07.08.2018 & PKR Reimbursable 31.08.2018	35,266,862	55,283	28,514,236	JPY & EURO 26.09.2018 & PKR Remuneration & Reimbursable 16.10.2018	25,217,683	44,127	10,704,248
64	048	Jul-18	PKR Remuneration 30.08.2018 & JPY & EURO 05.09.2018 & PKR Reimbursable 09.10.2018	32,147,418	45,864	31,146,584	PKR Remuneration 16.10.2018 & PKR Reimbursable 11.12.2018 & JPY & EURO 17.12.2018	21,964,368	37,099	10,408,872
65	049	Aug-18	JPY & EURO 25.09.2018 & PKR Remuneration 11.10.2018 & PKR Reimbursable 07.11.2018	25,432,383	39,014	29,369,478	PKR Remuneration 15.11.2018 & JPY & EURO 17.12.2018 & PKR Reimbursable 18.01.2019	17,212,308	31,374	11,224,532
66	050	Sep-18	JPY & EURO 08.11.2018 & PKR Remuneration 08.11.2018 & PKR Reimbursable 11.12.2018	39,850,521	53,658	28,933,129	PKR Remuneration 11.12.2018 & JPY & EURO 17.01.2019 & PKR Reimbursable 18.01.2019	30,044,462	43,062	10,047,290
67	025S to 031S	From Oct 2016 to Apr 2017 Supplementary	PKR Remuneration 14.11.2018 & JPY 13.12.2018 & JPY resubmitted on 24.04.2019	1,116,215		8,259,285	PKR Remuneration 11.04.2019 & JPY 17.07.2019	802,442		6,175,779
68	034S to 041S	From May 2017 to Dec 2017 Supplementary	PKR Remuneration 14.11.2018 & JPY & EURO 13.12.2018 & JPY & EURO resubmitted on 25.04.2019	22,029,176	68,384	23,991,175	PKR Remuneration 11.12.2018 & JPY & EURO 17.07.2019	17,327,640	55,071	18,445,696
69	040S to 048S	From Nov 2017 to Jul 2018 Supplementary	PKR Remuneration & Reimbursable 20.11.2018 & JPY & EURO 13.12.2018 & PKR resubmitted on 28.03.2019. JPY & EURO resubmitted on 07.05.2019.	25,644,843	18,643	104,355,765	PKR Reimbursable 29.05.2019 & PKR Remuneration 02.07.2019 & JPY & EURO 17.07.2019	19,999,819	15,119	84,652,061
70	Arrears of Escalation	From Oct 2017 to May 2018	PKR Remuneration 23.11.2018			4,035,216	PKR Arrears of Escalation 11.04.2019			1,271,759
71	051	Oct-18	JPY & EURO 04.12.2018 & PKR Remuneration 19.12.2018 & Reimbursable 31.01.2019	40,454,707	75,582	31,586,089	JPY & EURO 17.01.2019 & PKR Remuneration 20.02.2019 & PKR Reimbursable 14.03.2019	28,889,800	61,067	10,333,221
72	052	Nov-18	JPY & EURO 01.01.2019 & PKR Remuneration 02.01.2019 & Reimbursable 08.02.2019	41,317,140	85,200	29,612,815	PKR Remuneration 20.02.2019 & JPY 28.02.2019 & EURO 01.03.2019 & PKR Reimbursable 14.03.2019	29,887,757	49,817	9,027,308
73	Arrears of Escalation	Oct-18	PKR Remuneration 11.01.2019			739,718	PKR Arrears of Escalation 14.05.2019			154,889
74	053	Dec-18	PKR Remuneration 15.01.2019 JPY & EURO 11.02.2019 & PKR Reimbursable 26.03.2019	31,942,910	101,849	32,553,105	JPY 26.03.2019 & EURO 27.03.2019 & PKR Remuneration 11.04.2019 & PKR Reimbursable 14.05.2019.	22,385,178	59,806	20,237,682
75	054	Jan-19	PKR Remuneration 19.02.2019 JPY & EURO 26.02.2019 & PKR Reimbursable 10.05.2019	21,550,814	85,536	34,254,443	PKR Remuneration 14.03.2019 & JPY 26.03.2019 & EURO 27.03.2019 & PKR Reimbursable 25.07.2019.	17,201,786	53,092	21,134,328
76	055	Feb-19	PKR Remuneration 04.04.2019 & JPY & EURO 09.04.2019 & PKR Reimbursable 22.05.2019	33,275,362	109,185	30,115,175	JPY 10.05.2019 & EURO 13.05.2019 & PKR Remuneration 14.05.2019 & PKR Reimbursable 25.07.2019.	26,050,980	86,872	26,465,134
77	049S to 052S & 054S	From Aug 2018 to Nov 2018 & Jan 2019 Supplementary	PKR Remuneration 11.04.2019 PKR & Reimbursable 15.04.2019 & JPY & EURO 29.05.2019.	22,845,819	50,546	95,850,188	PKR Remuneration 29.05.2019 & JPY & EURO 17.07.2019 & PKR Reimbursable 05.08.2019	18,077,618	40,589	82,621,973
78	056	Mar-19	PKR Remuneration 30.04.2019 & JPY & EURO 15.05.2019 & PKR Reimbursable 27.06.2019	28,469,007	110,927	32,011,879	PKR Remuneration 02.07.2019 & JPY & EURO 17.07.2019 & PKR Reimbursable 05.08.2019	21,481,129	88,781	28,304,851
79	057	Apr-19	PKR Remuneration 24.05.2019 & JPY & EURO 17.06.2019 & PKR Reimbursable 12.07.2019	32,083,700	100,912	45,226,298	JPY & EURO 19.07.2019 & PKR Remuneration 05.08.2019 & PKR Reimbursable 18.09.2019	25,621,145	80,992	35,201,624
80	058	May-19	PKR Remuneration 29.06.2019 & JPY & EURO 09.07.2019 & PKR Reimbursable 19.07.2019	48,913,348	104,280	40,084,902	PKR Remuneration 05.08.2019 & JPY & EURO 07.08.2019 & PKR Reimbursable 31.10.2019	38,792,523	84,037	36,049,192
81	059	Jun-19	PKR Remuneration 26.07.2019 & PKR Reimbursable 05.08.2019 & JPY & EURO 11.09.2019	41,230,758	107,592	35,881,227	PKR Remuneration 18.09.2019 & PKR Reimbursable 31.10.2019 & JPY & EURO 21.11.2019	31,909,521	76,287	31,366,838
82	Arrears of Escalation	Oct-2018 Supplementary	PKR Remuneration 19.08.2019			538,449	PKR Remuneration 31.10.2019			414,169
83	060	Jul-19	PKR Remuneration 06.09.2019 & JPY & EURO 17.09.2019 & PKR Reimbursable 25.09.2019	41,502,491	140,944	50,840,724	PKR Remuneration 31.10.2019 & JPY & EURO 21.11.2019 & PKR Reimbursable 03.12.2019	31,563,206	90,943	43,128,562

Total Contract Amount as per AM-4(B)				JPY	EURO	PKR				
				5,215,449,192	16,742,171	7,645,803,513				
84	053S	Dec-2018 Supplementary	PKR Remuneration 30.09.2019			11,476,907	PKR Remuneration 03.12.2019			8,799,116
85	061	Aug-19	PKR Remuneration 30.09.2019 & JPY & EURO 23.10.2019 & PKR Reimbursable 26.10.2019	37,231,310	89,562	42,727,013	PKR Remuneration 03.12.2019 & JPY & EURO Remuneration 09.01.2020 & PKR Reimbursable 07.02.2020 & JPY & EURO Reimbursable 28.02.2020	29,041,127	73,021	35,430,131
86	062	Sep-19	PKR Remuneration 13.11.2019 & JPY & EURO 21.11.2019 & PKR Reimbursable 29.11.2019	38,733,736	129,812	43,387,882	PKR Remuneration 14.02.2020 & JPY & EURO 28.02.2020 & PKR Reimbursable 01.04.2020	30,883,076	103,716	34,600,721
87	063	Oct-19	PKR Remuneration 29.11.2019 & JPY & EURO 03.12.2019 & PKR Reimbursable 31.12.2019	31,086,208	135,856	50,181,714	PKR Remuneration 24.02.2020 & JPY & EURO 28.02.2020 & PKR Reimbursable 01.04.2020	24,793,910	108,677	41,393,909
88	054S to 060S	From Jan 2019 to Jul 2019 Supplementary	JPY & EURO 09.12.2019	5,092,138	60,974		Reimbursable JPY 28.04.2020 & Reimbursable EURO 30.04.2020 & JPY & EURO Remuneration 15.05.2020	3,353,531	49,458	
89	064	Nov-19	PKR Remuneration 20.12.2019 & JPY & EURO 07.01.2020 & PKR Reimbursable 10.01.2020	45,807,870	115,222	43,571,960	JPY & EURO 28.02.2020 & PKR Remuneration 18.03.2020 & PKR Reimbursable 04.05.2020	36,488,385	94,006	34,852,280
90	065	Dec-19	PKR Remuneration 23.01.2020 & JPY & EURO 29.01.2020 & PKR Reimbursable 10.03.2020	40,957,503	141,050	58,976,694	JPY & EURO 11.03.2020 & PKR Remuneration 08.04.2020 & PKR Reimbursable 10.06.2020	32,462,083	113,144	50,261,213
91	Arrears of Escalation	From Oct 2019 to Nov 2019	PKR Remuneration 31.01.2020			5,266,917	PKR Arrears of Escalation 14.04.2020			4,044,354
92	066	Jan-20	PKR Remuneration 24.02.2020 & JPY & EURO 09.03.2020 & PKR Reimbursable 27.04.2020	35,922,505	146,378	52,379,808	PKR Remuneration 02.04.2020 & JPY & EURO 15.05.2020 & PKR Reimbursable 06.07.2020	28,616,260	117,384	46,172,804
93	067	Feb-20	PKR Remuneration 18.03.2020 & JPY & EURO 07.04.2020 & PKR Reimbursable 09.06.2020	38,743,766	158,284	50,877,843	PKR Remuneration 04.05.2020 & JPY & EURO 25.06.2020 & PKR Reimbursable 03.08.2020	28,986,611	126,019	44,233,452
94	068	Mar-20	PKR Remuneration 28.04.2020 & JPY & EURO 05.05.2020 & PKR Reimbursable 15.07.2020	45,523,859	160,795	56,498,786	JPY & EURO 02.07.2020 & PKR Remuneration 03.08.2020 & PKR Reimbursable 02.11.2020	33,489,540	123,560	49,674,390
95	069	Apr-20	PKR Remuneration 22.06.2020 & JPY & EURO 07.07.2020 & PKR Reimbursable 25.08.2020	36,087,897	165,010	52,033,891	PKR Remuneration 03.08.2020 JPY 07.08.2020 & EURO 10.08.2020 & PKR Reimbursable 02.11.2020	26,950,173	131,521	45,136,180
96	070	May-20	PKR Remuneration 23.06.2020 & JPY & EURO 08.07.2020 & PKR Reimbursable 10.09.2020	29,407,988	165,664	51,755,642	PKR Remuneration 17.09.2020 & JPY 28.09.2020 & EURO 25.09.2020 & PKR Reimbursable 28.10.2020	21,116,812	89,725	43,199,160
97	071	Jun-20	PKR Remuneration 19.08.2020 & JPY & EURO 21.08.2020 & PKR Reimbursable 29.09.2020 resubmitted on 15.12.2020	32,122,120	165,190	49,538,690	PKR Remuneration 02.11.2020 & JPY & EURO 02.12.2020 & PKR Reimbursable 20.01.2021	25,263,288	131,721	40,122,417
98	072	Jul-20	PKR Remuneration 31.08.2020 & JPY & EURO 08.09.2020 & PKR Reimbursable 23.10.2020 resubmitted on 15.12.2020	32,771,320	103,073	56,796,363	PKR Remuneration 02.11.2020 & JPY & EURO 17.12.2020 & PKR Reimbursable 24.02.2021	25,931,960	84,063	44,997,291
99	073	Aug-20	PKR Remuneration 25.09.2020 & JPY & EURO 30.09.2020 & PKR Reimbursable 31.12.2020	34,054,161	121,793	55,615,127	PKR Remuneration 28.10.2020 & JPY & EURO 17.12.2020 & PKR Reimbursable 08.03.2021	26,896,979	98,976	46,537,554
100	074	Sep-20	PKR Remuneration 19.10.2020 & JPY & EURO 21.10.2020 & PKR Reimbursable 08.02.2021 resubmitted on 25.03.2021	38,528,252	165,010	56,635,346	JPY & EURO 17.12.2020 & PKR Remuneration 21.12.2020 & PKR Reimbursable 03.05.2021	30,758,356	131,541	49,292,375
101	061S to 070S	From Aug 2019 to May 2020 Supplementary	JPY & EURO 28.10.2020	11,647,508	59,527		JPY 19.02.2021 & EURO 17.02.2021	9,190,079	48,749	
102	075	Oct-20	PKR Remuneration 13.11.2020 & JPY 27.11.2020 & EURO 19.11.2020 & PKR Reimbursable 19.03.2021	45,952,237	160,742	53,295,719	PKR Remuneration 07.01.2021 & JPY & EURO 12.01.2021 & PKR Reimbursable 20.05.2021	34,606,197	128,533	46,509,885
103	076	Nov-20	PKR Remuneration 21.12.2020 & JPY & EURO 28.12.2020 & PKR Reimbursable 13.04.2021	55,457,397	117,756	59,839,602	PKR Remuneration 20.01.2021 & JPY 26.04.2021 & EURO 24.05.2021 & PKR Reimbursable 31.05.2021	40,049,051	97,432	53,069,623
104	01S to 05S & 08S	From Aug 2014 to Dec 2014 & Mar 2015 177-M Supplementary	PKR Reimbursable 04.01.2021			1,735,825				
105	077	Dec-20	PKR Remuneration 20.01.2021 & JPY & EURO 04.02.2021 & PKR Reimbursable 15.04.2021	53,686,285	134,364	61,213,773	PKR Remuneration 24.02.2021 & JPY 26.04.2021 & EURO 24.05.2021 & PKR Reimbursable 30.06.2021	38,693,932	109,080	53,872,497
106	Arrears of Escalation	From Oct 2020 to Nov 2020	PKR Remuneration 08.02.2021			4,367,028	PKR Arrears of Escalation 29.03.2021			3,357,254
107	059S to 065S	From Jun 2019 to Dec 2019 Supplementary	PKR Remuneration 26.02.2021			13,201,527	PKR Remuneration 26.04.2021			10,306,734
108	066S to 074S	From Jan 2020 to Sep 2020 Supplementary	PKR Remuneration 02.03.2021			12,219,301	PKR Remuneration 26.04.2021			9,533,351
109	I.Tax-REIMB-001	From Aug 2014 to Jul 2016	PKR Reimbursable 06.04.2021			7,677,758				
110	078	Jan-21	PKR Remuneration 26.07.2021 & JPY & EURO 27.07.2021 & PKR Reimbursable 27.07.2021	48,993,921	156,846	61,580,382	PKR Remuneration 12.08.2021 & PKR Reimbursable 10.09.2021 & JPY & EURO 13.09.2021	39,022,205	126,910	53,961,613
111	079	Feb-21	PKR Remuneration 28.07.2021 & PKR Reimbursable 28.07.2021 & JPY & EURO 02.08.2021	39,842,807	156,803	61,119,247	PKR Remuneration 10.09.2021 & PKR Reimbursable 24.09.2021 & JPY & EURO 08.10.2021	31,550,549	126,898	53,919,977
112	080	Mar-21	PKR Remuneration 02.08.2021 & JPY & EURO 02.08.2021 & PKR Reimbursable 02.08.2021	46,933,791	117,735	60,828,467	PKR Remuneration 24.09.2021 & JPY & EURO 08.10.2021 & PKR Reimbursable 15.10.2021	37,273,926	94,772	53,809,689
113	081	Apr-21	PKR Remuneration 02.08.2021 & JPY & EURO 03.08.2021 & PKR Reimbursable 02.08.2021	50,360,981	135,755	61,848,229	JPY & EURO 08.10.2021 & PKR Remuneration 15.10.2021 & PKR Reimbursable 02.11.2021	40,499,764	109,590	54,878,121
114	082	May-21	PKR Remuneration 06.08.2021 & JPY & EURO 06.08.2021 & PKR Reimbursable 06.08.2021	38,398,709	117,955	66,602,680	JPY & EURO 29.10.2021 & PKR Remuneration 02.11.2021 & PKR Reimbursable 26.11.2021	30,708,564	95,753	59,499,966
115	083	Jun-21	PKR Remuneration 09.08.2021 & JPY & EURO 10.08.2021 & PKR Reimbursable 07.09.2021	41,331,568	125,545	73,154,118	JPY & EURO 29.10.2021 & PKR Remuneration 02.11.2021 & PKR Reimbursable 31.12.2021	31,899,578	103,265	66,199,405
116	084	Jul-21	JPY & EURO 02.09.2021 & PKR Remuneration 07.09.2021 & PKR Reimbursable 27.09.2021	37,031,624	174,114	62,486,066	JPY & EURO 29.10.2021 & PKR Remuneration 26.11.2021 & PKR Reimbursable 11.01.2022	29,628,387	141,530	55,495,681
117	085	Aug-21	PKR Remuneration 22.09.2021 & PKR Reimbursable 22.10.2021 & JPY & EURO 25.10.2021	43,337,513	162,190	65,776,983	PKR Remuneration 26.11.2021 & JPY & EURO 09.12.2021 & PKR Reimbursable 07.02.2022	35,807,673	144,520	58,797,008
118	086	Sep-21	PKR Remuneration 29.10.2021 & JPY & EURO 03.11.2021 & PKR Reimbursable 24.12.2021	32,714,524	181,228	68,477,340	JPY & EURO 15.12.2021 & PKR Remuneration 31.12.2021 & PKR Reimbursable 03.03.2022	27,949,152	161,641	65,011,885
119	DHC-DD-001	Double Deduction of Audit Recovery	PKR 18.11.2021			471,604				
120	072S to 077S	From July 2020 to Dec 2020 Supplementary	JPY 29.11.2021	13,829,217			JPY 15.02.2022	11,645,309		

Total Contract Amount as per AM-4(B)				JPY	EURO	PKR				
				5,215,449,192	16,742,171	7,645,803,513				
121	078S to 084S	From Jan 2021 to July 2021 Supplementary	JPY & EURO 02.12.2021	1,767,800	3,475		EURO 14.02.2022 JPY 15.02.2022	1,255,200	2,782	
122	087	Oct-21	PKR Remuneration 02.12.2021 & JPY & EURO 08.12.2021 & PKR Reimbursable 03.01.2022	41,115,860	197,498	66,395,695	PKR Remuneration 11.01.2022 & JPY & EURO 19.01.2022 & PKR Reimbursable 24.03.2022	32,512,800	174,017	62,947,262
123	088	Nov-21	PKR Remuneration 31.12.2021 & JPY & EURO 05.01.2022 & PKR Reimbursable 18.01.2022	59,389,109	203,784	62,723,287	PKR Remuneration 07.02.2022 & EURO 14.02.2022 & JPY 15.02.2022 & PKR Reimbursable 08.04.2022	47,145,767	183,360	58,989,159
124	089	Dec-21	PKR Remuneration 25.01.2022 & JPY & EURO 11.02.2022 & PKR Reimbursable 14.03.2022	56,775,167	180,336	68,206,392	PKR Remuneration 03.03.2022 & JPY & EURO 14.04.2022 & PKR Reimbursable 23.04.2022	47,869,445	140,687	63,350,345
125	Arrears of Escalation	From Aug 2014 to Sep 2021	JPY & EURO 18.02.2022	86,181,370	366,028		JPY 10.05.2022 & EURO 09.05.2022	74,889,089	322,244	
126	090	Jan-22	PKR Remuneration 02.03.2022 & JPY & EURO 04.03.2022 & PKR Reimbursable 29.03.2022	47,988,271	231,246	78,338,629	PKR Remuneration 24.03.2022 & JPY & EURO 09.05.2022 & PKR Reimbursable 10.06.2022	35,849,929	183,999	74,119,379
127	091	Feb-22	PKR Remuneration 18.03.2022 & JPY & EURO 04.04.2022 & PKR Reimbursable 28.04.2022	49,351,025	238,651	72,344,440	PKR Remuneration 23.04.2022 & JPY & EURO 01.06.2022 & PKR Reimbursable 28.07.2022	39,917,960	201,572	65,529,896
128	Arrears of Escalation	From Oct 2021 to Dec 2021	PKR Remuneration 30.03.2022			7,068,517	PKR Arrears of Escalation 26.05.2022			6,160,113
129	092	Mar-22	PKR Remuneration 25.04.2022 & JPY & EURO 28.04.2022 & PKR Reimbursable 09.06.2022	49,365,007	249,212	101,124,224	PKR Remuneration 10.06.2022 & JPY & EURO 17.06.2022 & PKR Reimbursable 04.08.2022	38,333,736	198,362	95,017,406
130	093	Apr-22	PKR Remuneration 27.05.2022 & JPY & EURO 31.05.2022 & PKR Reimbursable 28.06.2022	50,667,037	244,679	75,218,195	PKR Remuneration 30.06.2022 & JPY & EURO 13.07.2022 & PKR Reimbursable 05.09.2022	41,394,136	220,243	69,577,673
131	094	May-22	PKR Remuneration 20.06.2022 & JPY & EURO 29.06.2022 & PKR Reimbursable 24.08.2022	49,101,375	205,176	72,623,685	PKR Remuneration 04.08.2022 & JPY & EURO 12.08.2022 & PKR Reimbursable 28.10.2022	39,167,659	184,398	67,291,826
132	095	Jun-22	PKR Remuneration 22.07.2022 & JPY & EURO 05.08.2022 & PKR Reimbursable 12.10.2022	53,592,870	221,575	99,319,441	PKR Remuneration 05.09.2022 & JPY & EURO 16.09.2022 & PKR Reimbursable 30.11.2022	29,026,310	199,046	86,307,474
133	Supplementary Invoice	Supplementary March 2022 Inv # 092	PKR Reimbursable 25.08.2022			422,415				
134	096	Jul-22	PKR Remuneration 26.08.2022 & JPY & EURO 06.09.2022 & PKR Reimbursable 01.11.2022	53,835,283	200,534	82,687,714	PKR Remuneration 20.09.2022 & EURO 20.10.2022 & JPY 09.11.2022 & PKR Reimbursable 09.12.2022	43,393,521	180,538	76,766,540
135	097	Aug-22	PKR Remuneration 22.09.2022 & resubmitted on 07.10.2022 & JPY & EURO 29.09.2022 & resubmitted on 13.10.2022 & PKR Reimbursable 10.11.2022	48,992,064	183,692	84,487,478	PKR Remuneration 07.11.2022 & JPY & EURO 05.12.2022 & PKR Reimbursable 09.01.2023	40,234,896	165,800	77,804,607
136	098	Sep-22	PKR Remuneration 28.10.2022 & JPY & EURO 02.11.2022 & PKR Reimbursable 06.12.2022	51,434,187	189,634	86,273,462	PKR Remuneration 09.12.2022 & JPY & EURO 05.01.2023 & PKR Reimbursable 13.01.2023	43,135,295	181,679	81,700,835
137	099	Oct-22	PKR Remuneration 15.11.2022 & JPY & EURO 28.11.2022 & PKR Reimbursable 20.01.2023	50,692,917	291,294	88,237,184	PKR Remuneration 09.12.2022 & EURO 05.01.2023 & JPY 23.01.2023 & PKR Reimbursable 02.03.2023	48,307,466	278,906	83,420,834
138	Arrears of Escalation	From Oct 2021 to Dec 2021	JPY & EURO 21.11.2022	6,956,297	55,730		JPY & EURO 23.01.2023	6,509,799	52,965	
139	Arrears of Escalation	From Jan 2022 to Sep 2022	JPY & EURO 22.11.2022	723,093	50,327		JPY & EURO 23.01.2023	675,186	47,830	
140	085S to 089S	From August 2021 to December 2021 Supplementary	JPY & EURO 30.11.2022	17,498,249	32,184		JPY & EURO 14.04.2023	15,831,249	30,924	
141	090S to 096S	From January 2022 to July 2022 Supplementary	JPY & EURO 13.12.2022	52,760,915	69,748		JPY & EURO 14.04.2023	47,945,118	66,744	
142	Arrears of Escalation	Oct-22	PKR Remuneration 16.12.2022			8,304,715	PKR Arrears of Escalation 09.02.2023			7,878,592
143	100	Nov-22	PKR Remuneration 22.12.2022 & JPY & EURO 30.12.2022 & PKR Reimbursable 06.02.2023	48,570,033	217,767	113,567,016	PKR Remuneration 13.01.2023 & JPY & EURO 01.03.2023 & PKR Reimbursable 06.04.2023	46,090,197	208,698	110,977,358
144	Supplementary Invoice	Jan-17,Dec-20,Jan21,Nov-21 & From Jan 2022 to Oct 2022	PKR Remuneration 18.01.2023			18,160,031	PKR Remuneration 06.04.2023			17,109,081
145	102-A	1120 Meter Drilling Work 08 Nos. Tunnels	PKR Reimbursable 18.01.2023			79,664,434	PKR Reimbursable 03.02.2023			79,664,434
146	101	Dec-22	PKR Remuneration 26.01.2023 & JPY & EURO 30.01.2023 & PKR Reimbursable 09.03.2023	54,272,041	205,494	118,201,862	PKR Remuneration 02.03.2023 & JPY & EURO 16.03.2023 PKR Reimbursable 02.05.2023	51,086,071	197,125	115,794,481
147	102	Jan-23	PKR Remuneration 15.02.2023 & JPY & EURO 23.02.2023 & PKR Reimbursable 28.04.2023	49,237,704	236,368	111,440,650	PKR Remuneration 27.03.2023 & JPY & EURO 14.04.2023	45,307,123	226,470	45,105,574
148	103-A	Uchar Nullah Catchment Study by GMRC	PKR Reimbursable 17.02.2023			11,525,000	PKR Reimbursable 27.03.2023			11,525,000
149	103	Feb-23	PKR Remuneration 22.03.2023 & JPY & EURO 06.04.2023 & PKR Reimbursable 30.05.2023	49,460,615	207,643	108,082,682	PKR Remuneration 02.05.2023			44,478,449
150	104	Mar-23	PKR Remuneration 28.04.2023 & JPY & EURO 10.05.2023	57,623,787	252,491	48,792,997				
151	105	Apr-23	PKR Remuneration 18.05.2023			51,755,426				
152										
Total				3,851,222,604	12,065,682	5,807,404,364		2,799,707,894	9,279,218	4,219,196,573

NOTE:

- * Less amounts which were received are due to deduction of PST , income Tax and without inter-adjustment
- ** In above given table the Invoice # "018-R" is denoting the Invoice regarding reclaim of "man-months from Aug 2014 to Dec 2015" of pending 11 DHC employees .
- *** In above given table the Invoice # "019-R" is denoting the Invoice regarding reclaim of "man-months from Aug 2014 to Jan 2016" of pending another 4 DHC employees .

5.2 Detail of Land Acquisition & Compensation Payment Status to DC

Following is the detail of advances that were reeled to DC office Kohistan by WAPDA as an advance for the tentative cost estimates of land to be acquired for DHPP up to this month.

Table 5.1: Tentative Cost of Land Acquired

Sr. No.	Date	Area	Financial Year	Total
1	13/04/2015	Wapda colony at Chuchang	2015-16	414,903,124
2	20/11/2015	Addl. Land for Wapda Offices & colony at Chuchang	2015-16	294,493,544
3	23/11/2015	CONTRACTOR CAMP UCHAR NULLAH DASU	2015-16	5,822,142
4	23/11/2015	CONTRACTOR CAMP ZAAL SEO	2015-16	16,714,957
5	03/02/2016	KKH-01	2015-16	658,041,445
6	16/05/2016	Protection of Rock Carving at Shatial	2015-16	6,623,625
7	16/05/2016	Uchar Access Road.	2015-16	79,999,633
8	16/05/2016	Zaal Contractors Camp at Seo.	2015-16	3,385,955
9	16/05/2016	Contractor Camp Uchar	2015-16	2,730
10	21/06/2016	Grid Station Dasu	2015-16	4,678,938
-	-	Total Amount Released in FY 2015-16		1,484,666,093
11	29/09/2016	Zaal Contractors Camp	2016-17	46,880
12	29/09/2016	Uchar Contractors Camp	2016-17	79,100
13	29/09/2016	Grid Station Site at Chuchang.	2016-17	568,000
14	28/10/2016	RAR-01 excluding Mouza Rongo	2016-17	111,626,318
15	16/01/2017	Wapda colony at Chuchang	2016-17	103,572,755
16	07/01/2017	Wapda colony at Chuchang	2016-17	3,246,412
17	10/02/2017	Chuchang for Offices & Colony Area	2016-17	9,466,253
18	23/02/2017	Uchar Access Road	2016-17	6,780
19	23/02/2017	Shatyal Aasar-e-Qadeema	2016-17	168,512
20	15/05/2017	Uchar Access Road	2016-17	1,087,884
21	15/05/2017	Barseen Access Road	2016-17	1,504,849
22	15/05/2017	Chuchang Khasra No. 594	2016-17	993,125
23	30/05/2017	Kaigah Bypass Road	2016-17	104,065
24	30/05/2017	Barseen Access Road	2016-17	132,825
25	30/05/2017	Kaigah Bypass Road	2016-17	48,996,985
26	30/05/2017	KKH-01 Dasu	2016-17	21,385,861
27	22/06/2017	RAR-01 Dasu HPP	2016-17	10,424,397
28	22/06/2017	Sigal Rangoo Area	2016-17	171,972
29	22/06/2017	KKH-01 Dasu HPP	2016-17	62,195,893
-	-	Total Amount Released in FY 2016-17		375,778,866
30	27/07/2017	Barseen Access Road	2017-18	95,737,370
31	25/08/2017	Tunnel Logro-2	2017-18	17,320,630
32	05/09/2017	Khushi to Logro(Dam Site)	2017-18	306,938,100
33	12/09/2017	Khushi Access Road for Dasu HPP	2017-18	269,175,080
34	03/10/2017	Revised Cost Land of Kaigah Bypass	2017-18	68,770
35	03/10/2017	Rangoo Area Dasu HPP	2017-18	4,480
36	20/10/2017	Logro-2	2017-18	129,460
37	20/10/2017	Khushi Access Road	2017-18	66,924
38	27/11/2017	Rangoo RAR-01	2017-18	5,247,497
39	29/11/2017	RAR-01	2017-18	2,292,968
40	29/11/2017	KKH-01	2017-18	3,322,315
41	12/12/2017	Khushi to Logro	2017-18	270,555
42	18/12/2017	Khushi access road and dumping area	2017-18	2,362,660
43	24/01/2018	Access road to Diversion Tunnel LOGRO 2	2017-18	2,552,187
44	29/05/2018	Contractor Camp Shaal,	2017-18	254,774,975
45	29/05/2018	Logro-1,	2017-18	191,527,493
46	29/05/2018	Dumping Area Summar Nullah ,	2017-18	75,954,433
47	29/05/2018	Zongmei Contractor Camp Uchar,	2017-18	14,836,535
48	29/05/2018	Pani Bah Access Road,	2017-18	13,223,907
49	29/05/2018	Shaal Additional Land of KKH-01,	2017-18	9,218,100
50	29/05/2018	Kotgal Access Road,	2017-18	9,099,595
51	29/05/2018	Chalsi Access road,	2017-18	7,129,417
52	29/05/2018	Summar Nullah Access road,	2017-18	3,111,777
53	29/05/2018	Sazeen Access Road,	2017-18	2,613,750
54	29/05/2018	Shuri Nullah Access road	2017-18	2,167,500
-	-	Total Amount Released in FY 2017-18		1,289,146,478
55	03/07/2018	Barseen Contractor Camp	2018-19	149,411,432
56	03/07/2018	Uchar Contractor Camp-2	2018-19	90,125,808
57	03/07/2018	Tailrace Area Kuz Chuchang	2018-19	56,753,658
58	03/07/2018	Seer Gayal RAR-02	2018-19	54,912,887
59	03/07/2018	Largani Reservoir	2018-19	3,902,900
60	03/07/2018	Rangoo Bypass RAR-01	2018-19	2,052,290
61	15/08/2018	Uchar Dumping Area	2018-19	256,701
62	15/08/2018	Pani Bah Access Road	2018-19	47,621
63	15/08/2018	Zongmei Contractor Camp	2018-19	12,870

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64	15/08/2018	KKh-01 (Shaal)	2018-19	43,996
65	15/08/2018	Barseen Contractor Camp	2018-19	39,911
66	25/09/2018	Uchar Nullah	2018-19	169,786,303
67	25/09/2018	Access Road Shuri Das	2018-19	40,400,071
68	25/09/2018	Logro-1	2018-19	136,498
69	12/10/2018	RAR-II Road Doga	2018-19	172,069,840
70	12/10/2018	Largani Reservoir area	2018-19	151,862,816
71	12/10/2018	RAR-II Koma	2018-19	148,130,506
72	12/10/2018	Tatta Pani Kaigah Reservoir	2018-19	56,715,345
73	12/10/2018	Kaigah Camp-II	2018-19	23,920,677
74	12/10/2018	Dumping Area Shuri Nullah	2018-19	12,544,413
75	12/10/2018	Dumping area chalasai	2018-19	12,409,619
76	12/10/2018	Kaigah Camp-I	2018-19	8,457,804
77	12/10/2018	Resettlement site uchar	2018-19	6,838,927
78	12/10/2018	Nasirabad II Resettlement site	2018-19	5,557,112
79	12/10/2018	Nasirabad (1) Kaigah	2018-19	4,784,360
80	12/10/2018	Logro-1	2018-19	6,245,665
81	12/10/2018	uchar Dumping Area	2018-19	2,893,999
82	12/10/2018	Spoil Uchar Dumping area	2018-19	436,750
83	12/10/2018	Tailrace Area	2018-19	313,996
84	12/10/2018	Dabbar RAR-01	2018-19	36,623
85	12/10/2018	Chalasai Access road	2018-19	29,878
86	12/10/2018	Zongmei Contractor Camp	2018-19	382,660
87	12/10/2018	Logro-1	2018-19	131,990
88	12/10/2018	Khushi to Logro Dam Site (Revised Cost)	2018-19	114,345
89	12/10/2018	Tailrace Area	2018-19	176,948
90	12/10/2018	RAR-01 Signal Rango	2018-19	35,920
91	12/10/2018	Khushi to Logro Dam Site	2018-19	29,047
92	12/10/2018	Lagrani Damages	2018-19	25,230
93	12/10/2018	Pani Bah Access Road	2018-19	17,045
94	15/10/2018	RAR-01	2018-19	2,347,846
95	12/11/2018	Land of Kaigah to Awayi KKH-02(i)	2018-19	259,065,119
96	12/11/2018	Access road to Resettlement Site 1 Area-4	2018-19	1,039,194
97	12/11/2018	Khushi Resettlement Site 1 Area 3	2018-19	2,202,374
98	12/11/2018	KKH-01 Kaigah Maidan	2018-19	306,000
99	12/11/2018	Khushi Access road & Dumping area	2018-19	215,144
100	12/11/2018	gobber Nullah dumping area and access road	2018-19	39,745,800
101	12/11/2018	Dumping area/Contractor Camp Looter	2018-19	28,103,095
102	12/11/2018	6% Interest: Khoshi access road	2018-19	4,251,640
103	12/11/2018	6% Interest: Logro-2	2018-19	820,671
104	10/01/2019	Kotgal Reservoir	2018-19	314,089,040
105	10/01/2019	Kandia Bridge to Dandar (RAR-02)	2018-19	255,222,908
106	10/01/2019	Looter Nullah to Shukrait Nullah KKh-02	2018-19	97,052,422
107	10/01/2019	Largani Reservoir Area-II	2018-19	83,770,189
108	10/01/2019	Awai to Looter Nuhhalh KKh-02 (iii)	2018-19	31,661,474
109	10/01/2019	Logro Reservoir (Site-1)	2018-19	18,146,145
110	10/01/2019	Koshi Resettlement Site 1 Area 1,2,	2018-19	4,886,237
111	10/01/2019	Shaal Zero Point.	2018-19	1,525,596
112	10/01/2019	Rangoo Bypass Komila	2018-19	25,740
113	18/01/2019	Barseen zogme Mazzine Side	2018-19	33,516,264
114	18/01/2019	Looter Reservoir area-II	2018-19	32,802,152
115	18/01/2019	Looter KKH-02	2018-19	10,143,092
116	18/01/2019	RAR-01	2018-19	75,814,812
117	18/01/2019	Khushi Access Road	2018-19	58,480,347
118	18/01/2019	Khushi To Logro	2018-19	47,373,470
119	18/01/2019	Logro-1	2018-19	36,195,531
120	18/01/2019	Access Road PAni Bah	2018-19	6,516,883
121	18/01/2019	Zongme Camp Uchar	2018-19	3,745,068
122	18/01/2019	Largani Damages	2018-19	1,264,413
123	18/01/2019	Addl Land KKH Zero Point	2018-19	866,999
124	18/01/2019	Khushi Access Road	2018-19	3,435,975
125	18/01/2019	Khushi Access Road	2018-19	906,160
126	22/02/2019	Looter Reservoir Area-1	2018-19	50,054,104
127	22/02/2019	Uchar KKh-01 3.	2018-19	38,236,096
128	22/02/2019	Barseen-III, KKH-01	2018-19	11,414,824
129	22/02/2019	Largani (KKH-01)	2018-19	11,403,443
130	22/02/2019	Chuchang (KKH-01)	2018-19	11,011,574
131	22/02/2019	Barseen-II, KKH-01	2018-19	10,264,800
132	22/02/2019	Kuz Chuchng (KKH-01)	2018-19	8,531,983
133	22/02/2019	Barseen 1, KKH 01	2018-19	8,246,666
134	22/02/2019	Barseen-IV, KKH-01	2018-19	1,105,000
135	22/02/2019	Khushi Resettlement site-1 (Area-3)	2018-19	811,312
136	22/02/2019	Khushi resettlement site-1 (Area-4)	2018-19	382,819
137	22/02/2019	Largani Reservoir Area 1	2018-19	2,649,997

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138	22/02/2019	Shaal Contractor Camp	2018-19	512,510
139	01/03/2019	Khushi Accesss Road	2018-19	6,376,401
140	01/03/2019	Khushi to Logro Khasra No. 47	2018-19	1,034,904
141	20/03/2019	Addl Land of Barseen (KKH-01)	2018-19	5,847,874
142	20/03/2019	Access Road to Khushi resettlement site-1 Area 1,2	2018-19	2,033,547
143	20/03/2019	Summar Nullah Access Road	2018-19	943,957
144	20/03/2019	Seer Gayal (RAR-02)	2018-19	905,518
145	20/03/2019	Access Road to Khushi resettlement site-1	2018-19	889,550
146	20/03/2019	Access Road to Nasirabad Resettlement Site-1	2018-19	163,462
147	20/03/2019	Kaigah Camp No. 02	2018-19	11,846
148	26/03/2019	Chillasi access road	2018-19	858,175
149	11/04/2019	Uchar Contractor Camp No. 2 Thoki	2018-19	5,214,310
150	11/04/2019	Uchar Contractor Camp No. 2 Thoki	2018-19	1,338,457
151	11/04/2019	Largani Reservoir Area-2	2018-19	1,064,723
152	11/04/2019	Largani Reservoir Area-1	2018-19	806,430
153	11/04/2019	Kaigah Contractor Camp-02	2018-19	142,000
154	11/04/2019	Shaal Contractor Camp	2018-19	111,515
155	11/04/2019	Chilasi/Chilaashi Dumping Area	2018-19	49,497
156	11/04/2019	Shuri Nullah Dumping Arear	2018-19	46,383
157	11/04/2019	Shuri Nullah Dumping Arear	2018-19	2,969
		Total Amount Released in FY 2018-19		2,820,048,907
158	30/07/2019	Addl Funds for Khushi to Logro (Dam Site)	2019-20	14,955,651
159	30/07/2019	Dandar to uthoor RAR-02(B)	2019-20	87,276,039
160	30/07/2019	Kaigah dumping area& Access road-1	2019-20	254,521,819
161	30/07/2019	Logro-II (TMA tax 2%)	2019-20	16,414
162	30/07/2019	Dumping Area Summar Nullah ,	2019-20	4,985,560
163	30/07/2019	Shaal Contractor Camp	2019-20	4,274,776
164	30/07/2019	Khushi to logro dam site	2019-20	4,270,103
165	30/07/2019	Resettlement site uchar-1	2019-20	1,307,148
166	30/07/2019	Summar Nullah dumping area	2019-20	616,362
167	30/07/2019	Summar Nullah dumping area	2019-20	253,185
168	30/07/2019	logro-II	2019-20	179,046
169	30/07/2019	Uchar contractor camp-2	2019-20	113,599
170	30/07/2019	Saeen access road	2019-20	41,486
171	30/07/2019	Summar Nullah Access Road	2019-20	45,843
172	30/07/2019	Shuri Nullah Access road	2019-20	13,010
173	30/07/2019	Sazeen access road	2019-20	722
174	06/12/2019	Addl land KKh-01 (Chuchang)	2019-20	406,620
175	06/12/2019	Addl land KKh-01 (Shaal to Chuchang)	2019-20	182,544
176	06/12/2019	Addl land KKh-01 (Barseen-1)	2019-20	18,030
177	06/12/2019	Addl land KKh-01 (Uchar logro)	2019-20	1,830
178	06/12/2019	Logro Reservoir (Site-1)	2019-20	36,060
179	06/12/2019	Shuri das access road	2019-20	36,060
180	06/12/2019	KKh-02 (part-1)	2019-20	15,012
181	06/12/2019	KKh-01 (Barseen-V)	2019-20	70,879
182	06/12/2019	Kaigah Contractor Camp-02	2019-20	1,524,283
183	09/12/2019	Pani bah access road (40%)	2019-20	5,289,563
184	09/12/2019	Chillasi access road (40%)	2019-20	2,851,766
185	09/12/2019	Rargo Bypass RAR-01 (40%)	2019-20	820,916
186	09/12/2019	Chillasi access road	2019-20	248,733
187	09/12/2019	Pani bah access road	2019-20	1,600,508
188	19/12/2019	Addl. Area for Grid Station (Kuz Chuchang)	2019-20	623,824
189	19/12/2019	Gobar Nullah Access	2019-20	448,153
190	19/12/2019	Addl. Land KKH-01 (Barseen-II)	2019-20	343,972
191	19/12/2019	Addl. Land KKH-01 (Barseen-I)	2019-20	287,432
192	24/12/2019	Kaigah Dumping Area and access road	2019-20	3,744,475
193	24/12/2019	Addl. Land KKH-01 (Lagrani)	2019-20	576,917
194	24/12/2019	KKH-02 (Shurkait nullah to shuri nullah part-III)	2019-20	360,620
195	24/12/2019	Addl. Land KKH-01 (Barseen-III)	2019-20	614,210
196	24/12/2019	KKh-02 (A) Awai to Looter Area	2019-20	312,200
197	24/12/2019	Gobar Nullah Access Road and Dumping Area	2019-20	203,850
198	24/12/2019	Tail Rece Area Chuchang	2019-20	22,701,463
199	24/12/2019	kaiga to awai kkh-02(i)	2019-20	103,626,048
200	24/12/2019	looter nullah to shukrait nullah kkh-02	2019-20	38,820,969
201	24/12/2019	Looter KKh-02	2019-20	4,057,237
202	24/12/2019	Awai to looter Nullah kkh-02 (iii)	2019-20	12,664,590
203	24/12/2019	Uchar contractor camp-2	2019-20	36,050,036
204	24/12/2019	barseen contractor camp	2019-20	59,764,573
205	24/12/2019	kaigah camp-1	2019-20	3,383,122
206	24/12/2019	kaigah camp-11	2019-20	9,568,271
207	24/12/2019	Addl Land KKH-01 Shaal Zero point	2019-20	610,238
208	24/12/2019	Addl Land Kuz chuchang KKh-01	2019-20	3,412,793
209	24/12/2019	Add. Land KKH-01 Shaal to chuchang	2019-20	4,404,630
210	24/12/2019	Largani KKh-01	2019-20	4,561,377

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211	24/12/2019	Barseen-1 KKH-01	2019-20	3,298,667
212	24/12/2019	Barseen-11 KKH-01	2019-20	4,105,920
213	24/12/2019	Barseen-111 KKH-01	2019-20	4,565,930
214	24/12/2019	Barseen-IV KKH-01	2019-20	442,000
215	24/12/2019	Uchar KKh-01	2019-20	15,294,438
216	24/12/2019	Barseen(V) KKh-01	2019-20	2,339,150
217	24/12/2019	KKh-01 Kaiga Maidan	2019-20	122,400
218	24/12/2019	Dumping area Summar Nala	2019-20	30,381,773
219	24/12/2019	Summar Nullah access road	2019-20	1,244,711
220	24/12/2019	shuri nullah access road	2019-20	867,000
221	24/12/2019	Sazin access road	2019-20	1,045,500
222	24/12/2019	Kotgal access road	2019-20	3,639,838
223	24/12/2019	zongmei contractor camp	2019-20	5,934,614
224	24/12/2019	largani damages	2019-20	1,560,027
225	24/12/2019	seer gayal RAR-02	2019-20	22,327,362
226	24/12/2019	RAR-II road Daga	2019-20	68,827,936
227	24/12/2019	RAR-II road Koma	2019-20	59,252,202
228	24/12/2019	Kandia Bridge to Dandar (RAR-02)	2019-20	102,089,163
229	24/12/2019	Uchar Dumping Area	2019-20	67,914,521
230	24/12/2019	Dumping area Chalashi	2019-20	4,963,848
231	24/12/2019	Access road shuri das	2019-20	16,160,028
232	24/12/2019	Dumping area/contractor camp looter	2019-20	11,241,238
233	24/12/2019	Dumping area shuri nullah	2019-20	5,017,765
234	24/12/2019	Gobbar Nullah Dumping area & access road	2019-20	15,898,320
235	24/12/2019	Kaiga Spoil dumping area & access road-01	2019-20	101,808,728
236	24/12/2019	Tatta pani kaiga Reservoir	2019-20	22,686,138
237	24/12/2019	Nasir abad (1) Kaiga	2019-20	1,913,744
238	24/12/2019	Nasir abad (2) Resettlement site	2019-20	2,222,845
239	24/12/2019	Khushi resettlement site 1 area 1 & 2	2019-20	2,767,914
240	24/12/2019	Access road to resettlement site-1 area 3	2019-20	568,805
241	24/12/2019	Khushi resettlement site 1 area 3	2019-20	1,205,474
242	24/12/2019	Resettlement site uchar	2019-20	2,735,571
243	24/12/2019	Largani reservoir area-01	2019-20	60,745,126
244	24/12/2019	RAR-02(B) Dandar to uthoor	2019-20	34,910,416
245	24/12/2019	Kotgal reservoir	2019-20	125,635,616
246	24/12/2019	Looter reservoir area-II	2019-20	13,120,861
247	24/12/2019	Largani reservoir area-02	2019-20	33,508,076
248	24/12/2019	Logro reservoir (site-1)	2019-20	7,258,458
249	24/12/2019	Barseen zongmei magazine site	2019-20	13,406,506
250	24/12/2019	Looter reservoir area-1	2019-20	20,021,642
251	08/01/2020	Doga RAR-02	2019-20	3,808,590
252	08/01/2020	Kaigah Access Road and spoil Dumping Area-1	2019-20	3,453,870
253	08/01/2020	Looter Contractor camp/Dumping Area	2019-20	1,549,490
254	08/01/2020	Shuri Das Access Road	2019-20	367,838
255	08/01/2020	Looter Contractor Camp/Dumping Area	2019-20	238,373
256	08/01/2020	Kaigah Dumping and Access Road Site-II	2019-20	9,361,188
257	27/01/2020	Doga RAR-02	2019-20	11,133,003
258	27/01/2020	Kaigah Contractor Camo No-01	2019-20	241,860
259	27/01/2020	Spoil Dumping area Uchar	2019-20	13,844,605
260	27/01/2020	Uchar Resettlement site-1(Revised cost)	2019-20	130,573
261	27/01/2020	KKh-02, Looter-2 (Part-2)	2019-20	94,181
262	27/01/2020	KKH-01 (Kuz Chuchang)	2019-20	122,496
263	27/01/2020	Looter KKH-02 (Part-3)	2019-20	7,824,854
264	27/01/2020	Largani Damages Area(Revised cost)	2019-20	288,904
265	27/01/2020	Summer Nullah Access Road (Revised cost)	2019-20	259,401
266	27/01/2020	Land Shaal Zero point	2019-20	24,890
267	27/01/2020	Shuri Nullah Dumping Area	2019-20	3,408,318
268	27/01/2020	Kaigah to Awai KKH-02(Part-1)	2019-20	7,867,037
269	27/01/2020	KKH-02 (iii) Awai to Looter	2019-20	391,045
270	27/01/2020	Zhongmei explosive (Barseen)	2019-20	32,000
271	27/01/2020	Zhongmei contractor camp , UCHAR	2019-20	51,410
272	27/01/2020	KKH-01 Logro-Uchar	2019-20	1,230,059
273	27/01/2020	Largani reservoir area-02	2019-20	80,789
274	27/01/2020	Looter contractor camp/dumping area	2019-20	1,137,167
275	27/01/2020	Kaigah Contractor Camp No. 02 (Revised cost)	2019-20	236,056
276	31/01/2020	Gober Nullah Dumping/Access Road	2019-20	2,300,775
277	31/01/2020	Logro Reservoir Area-1	2019-20	1,709,508
278	31/01/2020	Barseen contractor camp	2019-20	11,934,910
279	31/01/2020	Zongmei Explosive magazine, Barseen	2019-20	4,398,775
280	31/01/2020	Access road to uchar resettlement site-1	2019-20	894,656
281	31/01/2020	Largani Damages	2019-20	13,545
282	31/01/2020	Kotgal Access road	2019-20	436,324
283	07/02/2020	Alld. Land KKH-01 Gulibagh MAidan (Kaigah)	2019-20	2,251,904
284	07/02/2020	Zhongmei contractor camp uchar (Revised cost)	2019-20	788,941

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285	13/02/2020	Logro Reservoir Area-1	2019-20	7,295,563
286	13/02/2020	Barseen Contractor Camp Area	2019-20	1,151,677
287	13/02/2020	Seer Gayal RAR-02	2019-20	272,513
288	13/02/2020	Looter to Shukrait Nullah (KKH-02)	2019-20	181,960
289	13/02/2020	Kandia Bridge to Dandar (RAR-02)	2019-20	77,120
290	13/02/2020	Dandar to Uthoor Nullah (RAR-02)	2019-20	96,679
291	13/02/2020	Kaigah Access road & Spoil dumping area-2	2019-20	470,172
292	13/02/2020	Looter reservoir area-2	2019-20	222,214
293	13/02/2020	Kaigah Reservoir area (Tatta Pani)	2019-20	204,864
294	24/02/2020	RAR-02 Dogah	2019-20	27,638,450
295	24/02/2020	KKH-02(Kaigah to Awai) Part-1	2019-20	3,348,658
296	24/02/2020	Kaigah Access Road & Dumping area-01	2019-20	2,392,969
297	24/02/2020	Kaigah Reservoir area (Tatta Pani)	2019-20	830,000
298	24/02/2020	KKH-02(Kaigah to Awai) Part-1	2019-20	658,080
299	24/02/2020	Zhongmei explosive magazine Barseen	2019-20	2,000
300	25/02/2020	Kotgal Reservoir Area(RAR-02)	2019-20	24,530,126
301	25/02/2020	Kotgal Reservoir Area(RAR-02)	2019-20	7,476,580
302	25/02/2020	Looter Reservoir Area-01	2019-20	1,111,360
303	25/02/2020	Looter Reservoir Area-02	2019-20	198,132
304	05/03/2020	Kaigah Access Road & Dumping Area-01	2019-20	62,054,228
305	05/03/2020	Viz Kaigah Reservoir Area(Tatta Pani)	2019-20	47,017,152
306	05/03/2020	Tailrace AT Kuz Chuchang	2019-20	38,116,451
307	05/03/2020	Kandia Bridge to Dandar(RAR-II)	2019-20	19,425,418
308	05/03/2020	RAR-02 Komah	2019-20	15,750,337
309	05/03/2020	RAR-02 Komah	2019-20	7,984,191
310	05/03/2020	Viz Dandar to Uthoor	2019-20	3,718,056
311	05/03/2020	Kotgal Reservoir Area	2019-20	89,039,872
312	05/03/2020	Largani Reservoir area-1	2019-20	12,711,751
313	05/03/2020	Uchar contractor camp No.2 (Thoki)	2019-20	54,073,119
314	05/03/2020	Kandia Bridge to Dandar(RAR-II)	2019-20	38,177,960
315	13/03/2020	Addl. Land KKH-01 Zero Point	2019-20	274,088
316	19/03/2020	KKH-01, Part 1 (Kaigah to Awai)	2019-20	75,010,953
317	19/03/2020	RAR-02 Komah	2019-20	23,317,710
318	19/03/2020	Reservoir area(tatta pani)	2019-20	3,704,779
319	19/03/2020	Zongmei explosive magazine	2019-20	21,997,858
320	20/03/2020	KKH-02 Part-1 (Kaigah to Awai)	2019-20	8,135,120
321	20/03/2020	RAR-02 (Doga)	2019-20	33,920,622
322	15/06/2020	Addl. Land in Kumaro Nalah (RAR-01)	2019-20	6,239,358
323	15/06/2020	Barseen Dumping & Reservoir area	2019-20	392,115,653
324	15/06/2020	Sazeen Das Limit to Sazeen Nalah File No. 01	2019-20	132,784,379
325	15/06/2020	Reservoir (Jhali Nala to Komah Nala)	2019-20	113,309,762
326	29/06/2020	Access Road to Resettlement Site (Dhaat-3)	2019-20	9,279,175
-	-	Total Amount Released in FY 2019-20		2,968,389,280
327	14/07/2020	Shuri Das Access road	2020-21	16,550,382
328	17/07/2020	Pani Bah Reservoir	2020-21	358,605,821
329	17/07/2020	Barseen Baily Bridge Site-II	2020-21	172,847,803
330	17/07/2020	Sigloo Blasting Area	2020-21	32,603,566
331	17/07/2020	Addl. Land KKH-01 (K-3 Tunnel)	2020-21	5,100,448
332	04/08/2020	Chilashi to Looter Reservoir Area	2020-21	249,485,714
333	04/08/2020	Logro Reservoir Area-2	2020-21	80,837,537
334	04/08/2020	Kaigah Quarry Area-2	2020-21	56,140,028
335	04/08/2020	Uchar Crushing Plant	2020-21	26,249,159
336	04/08/2020	Additional Land for Grid Station Chuchang	2020-21	15,134,498
337	04/08/2020	Barseen Contractor Camp	2020-21	33,878,313
338	04/08/2020	Looter Reservoir	2020-21	1,442,739
339	07/08/2020	Dumping Area Summar Nullah	2020-21	76,382,222
340	14/10/2020	Pani Bah Reservoir Area-2	2020-21	232,970,420
341	14/10/2020	Uchar logro	2020-21	103,839,286
342	14/10/2020	Siglo-3	2020-21	75,775,648
343	14/10/2020	Lor Summar Nullah to Sazeen Limits	2020-21	73,483,857
344	14/10/2020	LoR Shuri Nullah To Summar Nullah	2020-21	65,843,126
345	14/10/2020	LoR Sazeen Nala To Shatial Limits (File-1)	2020-21	48,282,768
346	14/10/2020	Addl. Land Tailrace Area at Kuz Chung	2020-21	21,973,117
347	14/10/2020	Sigloo-1 (File-2)	2020-21	11,144,393
348	14/10/2020	Addl. Land RAR-01(ZAAL)	2020-21	1,965,761
349	14/10/2020	Addl. Land of Rango Bypass	2020-21	1,203,203
350	14/10/2020	Siglo-2 (File-3)	2020-21	118,507,107
351	14/10/2020	Seer Gayal (RAR-02)	2020-21	14,776,899
352	14/10/2020	Addl Land Grid Station Chuchang	2020-21	721,071
353	03/11/2020	Kaegah Query Area-II	2020-21	8,761,380
354	03/11/2020	Uchar Crushing Plant	2020-21	3,012,113
355	03/11/2020	Pani Bah Reservoirs Area-2	2020-21	1,250,200
356	03/11/2020	Barseen Dumping & Reservoir Area-1	2020-21	669,550
357	03/11/2020	Sigloo Blasting Area	2020-21	421,970

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358	03/11/2020	Siglo-2(file-4)	2020-21	320,490
359	03/11/2020	Barseen Dumping & Reservoir Area-II	2020-21	228,040
360	03/11/2020	Pani Bah Reservoirs	2020-21	122,280
361	19/11/2020	Gober Nullah to Shukrait Reservoir area	2020-21	213,574,025
362	19/11/2020	Gumoonend point to Uthor Nullah Reservoir area	2020-21	82,125,209
363	19/11/2020	Natbail To Salich bridge kandia reservoir area	2020-21	315,329,500
364	19/11/2020	Lachi Nala reservoir area-1 (File-4)	2020-21	18,837,988
365	19/11/2020	Uchar Crushing plant	2020-21	10,733
366	19/11/2020	Sigloo Blasting area	2020-21	829,518
367	19/11/2020	Uchar Logro reservoir area file-2	2020-21	25,395,628
368	19/11/2020	Uchar Logro reservoir area file-1	2020-21	12,573,766
369	19/11/2020	Add Land for access road to resettlement site 3 & 4 Uchar	2020-21	997,013
370	19/11/2020	Siglo-1 File-1	2020-21	243,654,294
371	19/11/2020	Siglo-2 file 4	2020-21	233,248,782
372	19/11/2020	LoR Shukrait Nala to Shuri nala	2020-21	183,633,196
373	19/11/2020	Lachi Nala reservoir area file 5	2020-21	28,183,251
374	19/11/2020	Kotgal to kandia reservoir area	2020-21	824,536,409
375	19/11/2020	Siglo 2 file 2	2020-21	53,367,028
376	19/11/2020	Lachi Nala reservoir area file 2	2020-21	19,030,084
377	19/11/2020	Sazeendas reservoir area 2	2020-21	162,230,931
378	19/11/2020	Lachi nala reservoir area-1	2020-21	114,802,353
379	26/11/2020	Sazeendas reservoir area 1	2020-21	514,387,499
380	26/11/2020	Lachi nala reservoir area file 3	2020-21	20,339,746
381	26/11/2020	Kishu karh to milar limits reservoir area	2020-21	75,626,895
382	26/11/2020	Slich bridge to kotgal reservoir area	2020-21	219,610,080
383	26/11/2020	Kotgal to dandar start point reservoir	2020-21	316,895,164
384	26/11/2020	Milar to Dogah reservoir area 1	2020-21	315,044,806
385	27/11/2020	Komila By Pass File 1	2020-21	69,740,347
386	27/11/2020	Komila By Pass File 2	2020-21	34,933,173
387	08/12/2020	Gayal/Kandia Reservoir	2020-21	9,405,883
388	08/12/2020	Natbail to BairKandia Reservoir	2020-21	291,384,204
389	08/12/2020	Dogah end Point to Gayal Nullah (File-3)	2020-21	239,493,017
390	08/12/2020	Komila Bypass (File-3)	2020-21	61,122,322
391	08/12/2020	Dogah end Point to Gayal Nullah file-2	2020-21	84,933,188
392	08/12/2020	Siglo-2 File-1	2020-21	167,512,778
393	08/12/2020	Dogah Nullah to Gayal Limits (File-4)	2020-21	144,165,744
394	08/12/2020	Summer End Point to Lachi Limit	2020-21	120,157,403
395	08/12/2020	Gadeer Reservoir Area-4	2020-21	41,944,487
396	08/12/2020	Guli Bagh Reservoir Area	2020-21	327,318,915
397	08/12/2020	Gadeer Reservoir Area-3	2020-21	32,737,936
398	08/12/2020	For Dogh Nullah to Gayal Limit File-1	2020-21	169,531,753
399	08/12/2020	Lor (Sazeen Das Limit to Sazeen Nullah) File-2	2020-21	117,679,861
400	08/12/2020	For Gumoon Start Point to Gumoon End Point	2020-21	145,682,859
401	08/12/2020	Lor (Sazeen Das Limit to Sazeen Nullah) File-3	2020-21	19,313,425
402	08/12/2020	Gadeer Reservoir Area File-2	2020-21	185,212,869
403	08/12/2020	Dandar Reservoir Area	2020-21	141,940
404	08/12/2020	Siglo-2 (File-2)	2020-21	2,000
405	08/12/2020	Barsen Dumping area and reservoir area-2	2020-21	5,958,055
406	08/12/2020	Logro Reservoir Area (File-2)	2020-21	3,874,900
407	08/12/2020	Pani Bah Reservoir Area-2	2020-21	2,638,006
408	08/12/2020	Uchar Logro Reservoir area (File-3)	2020-21	2,153,547
409	08/12/2020	Uchar Logro Reservoir area (File-2)	2020-21	812,090
410	08/12/2020	Uchar Logro Reservoir area (File-1)	2020-21	748,811
411	08/12/2020	Gadeer Reservoir Area (File-3)	2020-21	174,833
412	08/12/2020	Uchar Logro reservoir area (File-2)	2020-21	98,700
413	08/12/2020	Siglo-1 (File-2)	2020-21	73,827
414	08/12/2020	Add. Land (K-2 Tunnel) Parts 1 & 2	2020-21	53,502
415	08/12/2020	Siglo-1 (File-3)	2020-21	45,120
416	15/12/2020	Siglo-2 (File-4)	2020-21	22,313,455
417	15/12/2020	Guli Bagh Reservoir area	2020-21	17,236,360
418	15/12/2020	Siglo-2 (File-1)	2020-21	11,795,118
419	15/12/2020	Gumoon Baily Bridge (Left bank)	2020-21	7,999,425
420	15/12/2020	Siglo-2 (File-3)	2020-21	6,524,642
421	15/12/2020	Barseen Dumping and reservoir area-1	2020-21	4,848,750
422	15/12/2020	Siglo-3 (File-1)	2020-21	3,742,894
423	15/12/2020	Baily Bridge Barseen / Komah (Site-1)	2020-21	3,268,160
424	15/12/2020	LoR Chillashi to Looter	2020-21	2,452,852
425	15/12/2020	Pani Bah reservoir area-1	2020-21	2,082,644
426	15/12/2020	Gadeer Reservoir Area (File-2)	2020-21	1,959,054
427	15/12/2020	Guli Bagh Reservoir area	2020-21	740,282
428	15/12/2020	Kaigah Query Area-2	2020-21	617,248
429	15/12/2020	Gadeer Reservoir Area (File-1)	2020-21	556,972
430	15/12/2020	LoR KKh-02 End Point to Sazeen Das Limits	2020-21	342,367
431	15/12/2020	Gadeer Reservoir Area (F-4)	2020-21	219,690

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432	15/12/2020	Lachi Nala File-3	2020-21	167,518
433	15/12/2020	Addl. Land Tailrace	2020-21	166,559
434	15/12/2020	Lachio Nala (F-5)	2020-21	91,927
435	15/12/2020	Baily Bridge Gumoon/ Looter (Left bank)	2020-21	78,690
436	15/12/2020	Lachi Nala (File-2)	2020-21	44,852
437	15/12/2020	Sazeen Nala to Shatial Limits (File-1)	2020-21	43,134
438	28/12/2020	Gayal Nala to Kandia bridge Reservoir area	2020-21	270,576,717
439	28/12/2020	LoR Baily Bridge Gumoon	2020-21	237,437,738
440	28/12/2020	Gandeeer Reservoir area (File-1)	2020-21	77,523,782
441	28/12/2020	Dogah Nala Gayal Limits (File-2)	2020-21	45,160,978
442	28/12/2020	Dandar Reservoir Area	2020-21	540,514,619
443	28/12/2020	Millar to Dogah Nala (File-3)	2020-21	117,870,498
444	28/12/2020	Millar to Dogah Nala (File-1)	2020-21	109,061,636
445	28/12/2020	Millar to Dogah Nala (File-2)	2020-21	99,494,112
446	28/12/2020	Baily Bridge Barseen/ Komah (Site-3)	2020-21	50,391,488
447	28/12/2020	Sigloo-3 File-2	2020-21	139,963,273
448	07/01/2021	Dogah Nala to Dogah End Point Reservoir Area (File-3)	2020-21	183,491,325
449	07/01/2021	Kaigah Quarry-2	2020-21	3,244,732
450	15/01/2021	Baily Bridge Gumoon Left Side Reservoir Area	2020-21	2,593,759
451	07/01/2021	Siglo Blasting Area	2020-21	27,550,211
452	07/01/2021	RAR-1 Addl. Land Zaal	2020-21	507,539
453	07/01/2021	Siglo-III File-2	2020-21	6,173,311
454	07/01/2021	Lachi Nalla File-4	2020-21	30,260
455	07/01/2021	Siglo-III File-1	2020-21	220,750
456	07/01/2021	Jhalinallah to Kumanallah	2020-21	20,130
457	07/01/2021	Baily Bridge Barseen/Komah (Site-1)	2020-21	366,546,865
458	07/01/2021	KKH-02, End Point to Sazeen Das Limit Reservoir Area)	2020-21	161,498,328
459	07/01/2021	Summar Nallah to Sazin Limit Area	2020-21	693,611
460	07/01/2021	Shuri Nallah to Summar Nallah Area	2020-21	408,909
461	07/01/2021	Komila Bypass File-2	2020-21	118,446
462	19/01/2021	Pani Bah Reservoir area-I	2020-21	22,120,646
463	19/01/2021	Sazeen Das Limit to Sazeen Nallah Reservoir area (P-1)	2020-21	15,096,150
464	19/01/2021	Siglo-I File-I	2020-21	13,979,730
465	19/01/2021	Barseen Dumping reservoir area-2	2020-21	13,194,453
466	19/01/2021	Tailrace Addl. area Kuz Chuchang	2020-21	9,074,538
467	19/01/2021	Pani Bah Reservoir area-II	2020-21	8,189,040
468	19/01/2021	Lachi Nallah Left of Reservoir Area-File-4	2020-21	2,605,490
469	19/01/2021	Sazeen Das Limit to Sazeen Nallah PT-2 (LoR)	2020-21	1,556,128
470	19/01/2021	Komila Bypass File-1	2020-21	456,766
471	19/01/2021	Sazeen Das Limit to Sazeen Nallah PT-3 (LoR)	2020-21	219,379
472	19/01/2021	Sazeen Das File-2 Reservoir area	2020-21	32,747
473	28/01/2021	Lachi Nala left of Reservoir Area File-1	2020-21	6,661,510
474	28/01/2021	Sigloo-3 File-2	2020-21	2,619,820
475	28/01/2021	Lachi nullah left of Reservoir Area File-3	2020-21	2,009,090
476	28/01/2021	Baily Bridge Barseen / Kuma Site-2	2020-21	1,965,890
477	28/01/2021	Lachi nullah left of Reservoir Area File-2	2020-21	486,490
478	28/01/2021	Sazeen Das Reservoir area File-1	2020-21	405,990
479	28/01/2021	Siglo-3 File-2	2020-21	114,988,616
480	28/01/2021	Gobar Nalla to Shukrait Nalla	2020-21	5,582,395
481	28/01/2021	Shukrait Nalla to Shuri Nalla	2020-21	5,136,785
482	28/01/2021	Siglo-1 File-1	2020-21	3,953,242
483	28/01/2021	Lachi Nallah File-1	2020-21	579,000
484	28/01/2021	Summar End Point to Lachi Nala Limit	2020-21	413,797
485	28/01/2021	Saznin Das File-1	2020-21	159,464
486	28/01/2021	RAR-01 Additional Land (Zaal)	2020-21	13,630
487	28/01/2021	Komila Bypass File-2	2020-21	274,650
488	28/01/2021	Komila Bypass File-1	2020-21	252,310
489	28/01/2021	Sigloo-2 File-2	2020-21	7,880,638
490	28/01/2021	Sigloo-2 File-4	2020-21	2,007,222
491	28/01/2021	Dam site Siglo-2 (File-4)	2020-21	79,359,651
492	28/01/2021	Uchar/Logro Reservoir area File-2	2020-21	45,115,260
493	28/01/2021	Dam site Siglo-2 (File-3)	2020-21	44,840,531
494	28/01/2021	Dam site Siglo-2 (File-2)	2020-21	30,412,764
495	11/02/2021	Barseen Baily Bridge Right Side (File-II)	2020-21	8,121,145
496	11/02/2021	Siglo-2 File-2	2020-21	3,906,508
497	11/02/2021	Sazin Limit to Sazin Nala PT-01	2020-21	1,926,201
498	11/02/2021	Barseen Baily Bridge Right Side (File-III)	2020-21	1,074,343
499	11/02/2021	Kaigah Quarry Area-II	2020-21	55,574,343
500	11/02/2021	Siglo-2 File-1	2020-21	54,605,040
501	11/02/2021	Baily Bridge Barseen /Koma Site-01	2020-21	14,764,410
502	11/02/2021	Gobar Nallah to Shukrait Nallah	2020-21	14,737,030
503	11/02/2021	Dam Site Siglo-2 File-1 (Additional Funds)	2020-21	640,769
504	22/02/2021	Siglo-3 File-1	2020-21	63,143,402
505	22/02/2021	Siglo-1 File-2	2020-21	24,788,900

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506	22/02/2021	Chilashi to Looter File-1	2020-21	11,326,019
507	22/02/2021	Seer Gayal RAR-II (Addl funds)	2020-21	13,854,021
508	25/02/2021	Shukrait Nalla to Shuri Nalla Reservoir	2020-21	1,284,760
509	25/02/2021	Lor Sazeen Das limit to Sazeen Nallah (Part-1)	2020-21	35,748,740
510	25/02/2021	KKH-02, End Point to Sazeen Das Limit	2020-21	738,218
511	25/02/2021	Bairlo Warisabad Reservoir area	2020-21	103,118,860
512	25/02/2021	Barseen Nallah Reservoir area	2020-21	7,288,104
513	25/02/2021	Barseen Dumping and reservoir area-1	2020-21	16,914,767
514	25/02/2021	Gadair Reservoir area File-1 (Part-1)	2020-21	2,244,452
515	08/03/2021	(LoR) Shukrait Nallah to Shuri Nallah (Addl. Land)	2020-21	933,935
516	08/03/2021	Access road to Resettlement site, Khoshi (Addl. Land)	2020-21	2,460,379
517	08/03/2021	Doga End Point to Gayal Nala (File-3)	2020-21	1,801,711
518	08/03/2021	LoR Shukrait Nallah to Shuri Nallah	2020-21	26,291,368
519	08/03/2021	Gadeer Reservoir Area File-1 Part-2	2020-21	7,956,592
520	22/03/2021	Siglo-2 File-1(Addl Funds)	2020-21	23,461,454
521	22/03/2021	Summer End Point to Lachi Limits	2020-21	2,768,137
522	23/02/2021	Gadeer Reservoir area File-4	2020-21	1,100,102
523	23/02/2021	LoR Lachi Nala-5	2020-21	84,695
524	02/03/2021	Sigloo-2 File-3 (addl funds)	2020-21	20,940,413
525	02/03/2021	Lachi Reservoir area File-5 (addl funds)	2020-21	5,164,145
526	02/03/2021	LoR Summar Nala to SazinLimit (addl funds)	2020-21	2,841,918
527	02/03/2021	LoR Lachi Nala-4	2020-21	8,360,214
528	02/03/2021	Sazeen Das Limit to Sazeen Nallah Part-III	2020-21	5,066,168
529	02/03/2021	Gumoon Start point to Gumoon end point	2020-21	1,049,991
530	07/04/2021	Komila Bypass File-1	2020-21	7,465,688
531	26/04/2021	Sazeen Das Reservoir Area-1	2020-21	33,526,212
532	26/04/2021	Gumoon Start Point to Gumoon End Point	2020-21	6,110,097
533	26/04/2021	Gadeer Reservoir Area File-4	2020-21	573,608
534	21/04/2021	Siglo-1 File-1	2020-21	234,022,257
535	21/04/2021	Kotgal to Dundar Start point Reservoir area	2020-21	64,550,544
536	21/04/2021	Gadeer Reservoir Area-2	2020-21	7,422,542
537	21/04/2021	Lachi Nallah File-1	2020-21	36,613,879
538	21/04/2021	Sazin Das Reservoir File-1	2020-21	29,683,764
539	21/04/2021	Lachi Nallah File-3	2020-21	26,641,326
540	21/04/2021	Lachi Nala File-2	2020-21	19,220,242
541	21/04/2021	Sazen Das Reservoir Area-2	2020-21	12,081,737
542	21/04/2021	Sazin Das Limit to Sazin Nala Part-3	2020-21	4,502,500
543	30/04/2021	Gayal / Kanda Reservoir Area	2020-21	156,734
544	30/04/2021	Dogah Nallah to Gayal Limits (File-2)	2020-21	202,894
545	30/04/2021	Bairlo Warisabad Reservoir Area	2020-21	23,378,602
546	30/04/2021	Barseen Contractor Camp-1	2020-21	890,585
547	30/04/2021	Dogah Nallah to Gayal Limits (File-1)	2020-21	19,152,654
548	30/04/2021	Dogah Nallah to Geyal Limits (File-3)	2020-21	943,731
549	30/04/2021	Gul-e-Bagh Reservoir Area	2020-21	63,777,264
550	30/04/2021	Barseen Nallah Reservoir Area	2020-21	530,647
551	30/04/2021	Gayal Nallah to Kandia Bridge Reservoir Area	2020-21	56,316,060
552	30/04/2021	Nala to Gayal Limits (File-2)	2020-21	8,574,388
552	20/05/2021	Dandar Reservoir Area	2020-21	21,458,126
553	06/05/2021	Komila Bypass File-3	2020-21	33,028,709
554	31/05/2021	Slich Bridet to Kotgal Reservoir Area	2020-21	3,263,215
555	31/05/2021	KKH-01 Additional Land Sliding Area at K-3 tunnel	2020-21	1,960,822
556	31/05/2021	KKH-01 Additional Land Bar Chuchang	2020-21	1,754,953
557	31/05/2021	Additional land Wapda Colony Chuchang	2020-21	1,154,090
558	31/05/2021	Natbail to Slich Bridge	2020-21	93,962,656
559	31/05/2021	Millar to Dogah Nallah File-2	2020-21	53,466,312
560	31/05/2021	Millar to Dogah Nallah (File-1)	2020-21	20,784,397
561	31/05/2021	Millar to Dogah Nallah File-3	2020-21	7,451,071
562	31/05/2021	Lachi Nala File-2	2020-21	178,452
563	31/05/2021	Millar to Dogah (FILE-3)	2020-21	3,199,854
564	31/05/2021	Dogah Nallah to Gayal Limit (File-2)	2020-21	837,835
565	31/05/2021	KKH-01 Additional Land K-3 Tunnel Sliding Area	2020-21	64,674
566	19/05/2021	Addl. Land Kumaro Nallah	2020-21	530,880
567	18/06/2021	Millar Reservoir Area	2020-21	116,825,717
568	18/06/2021	Salich Bridge to Kotgal	2020-21	81,366,218
569	18/06/2021	Natbail to Bair Kandia Reservoir Area	2020-21	47,982,311
570	18/06/2021	Siglo-1 File-1	2020-21	5,631,974
571	18/06/2021	Gadeer Reservoir Area (File-1) Part-1	2020-21	489,022
572	28/06/2021	Kotgal-2 Kandia Reservoir	2020-21	23,325,036
573	28/06/2021	Baily Bridge Barseen Komah Site-1	2020-21	15,120,314
574	28/06/2021	Jhali Nallah to Komah Nullah	2020-21	10,729,419
575	28/06/2021	Millar Reservoir Area	2020-21	8,239,075
576	28/06/2021	Dandar Reservoir Area	2020-21	7,839,952
577	28/06/2021	Dogah End Point to Gayal (File-3)	2020-21	5,504,587
578	28/06/2021	Dogah Nala to Gayal Limit (File-1)	2020-21	5,498,698

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579	28/06/2021	Dogah End Point to Gayal Nallah (File-2)	2020-21	4,491,472
580	28/06/2021	Gayal Nallah to Kandia Bridge	2020-21	3,482,384
581	28/06/2021	Dogah Nullah to Gayal Limit (File-3)	2020-21	3,350,143
582	28/06/2021	Kotgal to Dandar	2020-21	3,093,261
583	28/06/2021	Kishu Karh to Millar	2020-21	2,942,397
584	28/06/2021	Gumoon Start point to Gumoon End Point	2020-21	2,712,472
585	28/06/2021	Narbeer to salich bridge	2020-21	2,515,107
586	28/06/2021	Natbail to Bair Kandia Reservoir Area	2020-21	1,939,387
587	28/06/2021	Milar to Dogah Nallah (File-1)	2020-21	1,733,964
588	28/06/2021	Dogah Nallah to Gayal Limit (File-4)	2020-21	1,427,152
589	28/06/2021	Gayal / Kanda Reservoir Area	2020-21	1,413,808
590	28/06/2021	Salich Bridge to Kotgal	2020-21	1,349,024
591	28/06/2021	Warisabad Bairlo	2020-21	860,730
592	28/06/2021	Gumoon End Point to Uthoor Nullah	2020-21	773,035
593	28/06/2021	Milar to Dogah Nullah File-2	2020-21	676,286
594	28/06/2021	WAPDA Colony Addl. Land	2020-21	98,840
595	28/06/2021	Barseen Nallah Reservoir Area	2020-21	28,333
596	28/06/2021	Milar Reservoir Area	2020-21	26,104,060
597	28/06/2021	Dogah Nala to Gayal Limit File-1	2020-21	25,356,410
598	28/06/2021	Dandar Reservoir Area	2020-21	16,440,940
599	28/06/2021	Milar to Dogah Nallah (file-2)	2020-21	14,783,790
600	28/06/2021	Milar to Dogah Nullah (File-3)	2020-21	14,258,380
601	28/06/2021	Kotgal to Dandar Area	2020-21	9,686,560
602	28/06/2021	Dogah End Point to Gayal Nullah File-3	2020-21	9,593,500
603	28/06/2021	Salich Bridge to Kotgal Reservoir Area	2020-21	8,525,340
604	28/06/2021	Gayal Nullah to Kandia Bridge Area	2020-21	6,766,260
605	28/06/2021	Milar to Dogah Nallah (File-1)	2020-21	5,482,930
606	28/06/2021	Natbail to Salich Bridge Kandia Reservoir Area	2020-21	8,360,630
607	28/06/2021	Bairlo Warisabad Area	2020-21	4,900,580
608	28/06/2021	Natbail to Bair Reservoir Area	2020-21	3,154,650
609	28/06/2021	Barseen Nallah Reservoir Area	2020-21	3,033,900
610	28/06/2021	Gumoon Start point to Gumoon End Point	2020-21	2,752,950
611	28/06/2021	Dogah Nullah to Dogah End Point Reservoir Area File-3	2020-21	2,488,010
612	28/06/2021	Komila Bypass (File-3)	2020-21	1,733,200
613	28/06/2021	Dogah End Point to Gayal Nallah File-2	2020-21	1,034,960
614	28/06/2021	Kotgal-2 Kandia Reservoir Area	2020-21	424,790
615	28/06/2021	Siglo-2 File-1	2020-21	291,960
616	28/06/2021	Gayal / Kanda Reservoir Area	2020-21	178,770
617	28/06/2021	Dogah Nullah to gayal Limits (File-2)	2020-21	16,000
618	28/06/2021	Komila bypass File-3	2020-21	194,922
619	28/06/2021	Siglo01 (File-1)	2020-21	74,067
-	-	Total Amount Released in FY 2020-21		13,126,462,656
620	10/08/2021	Barseen Contractor Camp-1	2021-22	14,653,970
621	10/08/2021	Millar to Dogah Nullah File-2	2021-22	1,960,517
622	10/08/2021	Siglo Blasting Area	2021-22	540,569
623	23/09/2021	Kishu Karh Reservoir Area	2021-22	187,024,120
624	23/09/2021	Access road to Grid Station At Kuz Chuchang	2021-22	9,518,488
625	30/08/2021	Kotgal-2 Kandia Reservoir area	2021-22	15,448,737
626	10/09/2021	KKH-01 Additional Land (Bar Chuchang)	2021-22	2,983,172
627	10/09/2021	KKH-01 Additional Land (Area-3) at Chuchang	2021-22	1,400,083
628	10/09/2021	New Additional KKH-01 Land Area-2	2021-22	1,091,677
629	10/09/2021	Kishu Karr Reservoir Area	2021-22	364,954
630	07/10/2021	Additional Land for WAPDA colony Chuchang	2021-22	596,368
631	07/10/2021	Access road to Grid Station At Kuz Chuchang	2021-22	375,256
632	07/10/2021	KKH-01 Addl Land Area-3 Chuchang	2021-22	91,504
633	15/10/2021	KKH-01 Additional Land Area-4A & 4B at Chuchang	2021-22	4,571,140
634	15/10/2021	KKH-01 Additional Land Area-4 at Chuchang	2021-22	3,070,090
635	18/10/2021	KKH-01 Additional Land (E-15) Khushi	2021-22	20,629,641
636	18/10/2021	KKH-01 ADDITIONAL LAND E-3/ ZERO POINT	2021-22	131,715
637	18/10/2021	KKH-01 Additional Land K-15 Tunnel Area 03B	2021-22	100,762
638	18/10/2021	KKH-01 ROW Additional Land Area-16	2021-22	19,125,711
639	22/10/2021	KKH-01 Additional Land E-4 (C) Uchar Nala (Area 4C)".	2021-22	60,457
640	22/10/2021	KKH-01 ROW ADDITIONAL LAND-3 AREA-16	2021-22	124,964
641	22/10/2021	KKH-01 ADDITIONAL LAND AREA-4 CHUCHANG	2021-22	115,948
642	22/10/2021	KKH-01 ADDITIONAL AREA 4A & 4B CHUCANG	2021-22	91,840
643	22/10/2021	KKH-01 AREA-14 AFTER UCHAR NULLAH	2021-22	43,540
644	22/10/2021	KKH-01 ADDITIONAL LAND K-15 TUNNEL AREA 03B	2021-22	34,832
645	22/10/2021	KKH-01 ADDITIONAL Land E-4 (C) UCHAR NUALL (AREA 4C)	2021-22	16,128
646	22/10/2021	KKH-02 (SAZEEN)	2021-22	79,596,249
647	22/10/2021	KKH-02(SHUKAIT NULLAH TO SHURI NULLAH)	2021-22	77,259,081
648	22/10/2021	KKH-02(SHURI NULLAH TO SUMMER NULLAH)	2021-22	34,257,666
649	22/10/2021	KKH-02(SHUKRAIT NULLAH TO SHURI NULLAH)	2021-22	28,464,733
650	22/10/2021	KKH-02 ADDITIONAL LAND (SUMMER NULLAH)	2021-22	22,982,784
651	22/10/2021	KKH-02 ADDITIONAL LAND (SHURI NULLAH TO SUMMER NULLAH)	2021-22	18,146,725

652	22/10/2021	KKH-02 ADDITIONAL LAND (LOOTER TO SUKRAIT NULLAH) Area-2	2021-22	14,680,369
653	04/11/2021	KKH-02 (Summarnala)	2021-22	60,757,874
654	04/11/2021	KKH-01 Additional Land Location-II (Khoshi)	2021-22	3,619,495
655	04/11/2021	KKH-01 Additional Land Area-3 Chuchang	2021-22	196,219
656	04/11/2021	KKH-01 Additional Land (A-05)	2021-22	1,213,353
657	25/11/2021	KKH-02 (Addl Land) Kaigah to Awai Area-2	2021-22	24,840,913
658	25/11/2021	KKH-02 (Addl Land) Looter to Shukrait Nallah Area-1	2021-22	17,763,573
659	25/11/2021	KKH-01 Addl Land A-14 after Uchar Nala	2021-22	4,527,929
660	09/12/2021	Siglo 1 File 1	2021-22	3,117,753
662	25/11/2021	Kaigah to awai Addl Land KKH 2 File 1	2021-22	101,524,072
663	09/12/2021	KKH 2 Kaigah to Awai Additional Land 2	2021-22	715,459
664	09/12/2021	Access Road to logro tunnel outlet	2021-22	258,623
665	09/12/2021	KKH-02 Summar Nala	2021-22	405,418
666	09/12/2021	KKH-02 Shukrait Nallah to Shuri Nallah	2021-22	2,309,870
667	09/12/2021	KKH-02 addl. Land (Looter to Shukrait Nallah)	2021-22	38,600
668	09/12/2021	KKH-01 (Addl Land) A-01	2021-22	4,361,405
669	09/12/2021	Access Road to Logro Tunnel Outlet Portal	2021-22	7,398,588
670	09/12/2021	KKH-02 Addl Land Shuri	2021-22	5,247,015
671	09/12/2021	KKH-01 ADDL. LAND AREA-5	2021-22	16,492
672	09/12/2021	KKH-01 NEW ADDL. LAND AREA-2 AT LARGANI	2021-22	17,052
673	09/12/2021	KKH-01 ADDL. LAND (A-01)	2021-22	57,372
674	29/12/2021	KKH-02 (Sazeen Area)	2021-22	4,665,900
675	29/12/2021	KKH-02 (Summar Nala)	2021-22	587,380
676	29/12/2021	KKH-02 Shurinala to Summar Nala	2021-22	2,402,887
677	29/12/2021	KKH-II Addl Land Shurinala to Summar Nala	2021-22	825,429
678	29/12/2021	KKH-01 Additional Land E-15 (Khushi)	2021-22	744,856
679	29/12/2021	KKH-01 Additional Land Location-II (Khushi)	2021-22	26,040
680	20/01/2022	KKH-02 Addl. Land (Awai to Looter)	2021-22	18,648,652
681	20/01/2022	KKH-02 ADDITIONAL LAND SAZEEN	2021-22	23,112,997
682	20/01/2022	KKH-02 ADDITIONAL LAND KAIGA TO AWAI AREA-2 (PART-A)	2021-22	1,685,377
683	20/01/2022	KKH-02 Looter to Shukrait Nala	2021-22	188,430
684	20/01/2022	KKH.02 Summer Nala	2021-22	4,952,713
685	20/01/2022	KKH.02 SAZEEN	2021-22	1,183,184
686	20/01/2022	KKH.02 Shukrait Nala To Shuri Nala	2021-22	940,684
687	20/01/2022	KKH.02 Additional Land Looter to Shukrait Nala Area.2A	2021-22	506,790
688	20/01/2022	KKH.02 Additional Land Shukrait Nala To Shuri Nala	2021-22	313,204
689	20/01/2022	KKH.02 Additional Land Summer Nala	2021-22	309,756
690	20/01/2022	KKH.02 Additional Land Looter To Shukrait Nala Area.1A	2021-22	263,788
691	20/01/2022	KKH.02 Additional Land Awai To Looter (Part.1)	2021-22	181,098
692	20/01/2022	KKH.02 Additional Land Looter To Shukrait Nullah Area.2B	2021-22	166,203
693	20/01/2022	KKH.02 (Shuri) Additional Land	2021-22	109,184
694	20/01/2022	KKH.02 Additional Land AWAI TO LOOTER (PART.2)	2021-22	109,117
695	20/01/2022	KKH.02 Looter To Shukrait Nala (Area.1, Part-B)	2021-22	75,942
696	20/01/2022	KKH.02 (Looter)	2021-22	9,938
Total Amount Released in FY 2021-22				859,950,414
Total Amount in PKR Released				22,924,442,694

5.3 Details of Interim Payment Certificates

Up to this month, status of Interim Payments Certificates (IPC) has been issued and the work executed is presented as in Appendix-F.

5.4 Details of Claims/Notifications

The Consultants continue to record and evaluate Claims for additional cost and Varied Works from the Contractors. The detail of the Claims submission and status of Contractors Claim Notifications up to this month is given in Appendix-G.

5.5 Variations Status

Status of Issued and proposed Variation up to this month is presented in Appendix-H.

5.6 Contract Information and Status of Guarantee & Insurance

The detail of the project completion dates along with EOT is given in Appendix-I named "Contract Information" and status of each Contract Guarantee & Insurance is given in Appendix-J named "Status of Guarantee and Insurance".

6 OHS MANAGEMENT ACTIVITIES

6.1 Major Project Activities in the Reporting Month

The following are the major construction activities in the Project:

- Continue construction of cut-off wall for preventing seepage in starter dam.
- Blasting and removing spoils at KKH-02 at Km 26, Km 34, Km 35, Km 36, and Km 30.
- Blasting and removing spoils at RAR-02 Dugah and Kandia Bypass.
- Construction of Komilla by-pass.
- Construction of K9 tunnel.
- Construction of K6 tunnel.
- Construction of Logro-B tunnel.
- Construction of Dugah tunnel.
- Construction of Uchar Bridge.
- Construction of 132kV grid station.
- Stringing of Conductor for 132kv Transmission Line.
- Construction and successful testing of Doga cable lift.
- Construction of project colony.

6.2 Incident Statistics and Description for the Reporting Month

A – Recordable Injuries (Work Related)

Contract Package	Incident Category								Total Incidents till Reporting Month (A+B)
	To End Previous Month				During Reporting Month				
	Fatal	LTI	MTC	Total (A)	Fatal	LTI	MTC	Total (B)	
KKH-01	1	10	9	20	0	1	0	1	21
KKH-02	2	0	1	3	0	0	0	0	3
RAR-01	1	9	4	14	0	0	0	0	14
RAR-02	0	1	3	4	0	0	0	0	4
132kV TL	3	1	0	4	0	0	0	0	4
MW-01	3	51	7	61	0	1	2	3	64
MW-02	2	18	4	24	0	0	1	1	25
LBRV-11 &12	2	1	1	4	0	0	0	0	4
PCI-01R	3	10	1	14	0	0	0	0	14
Dasu-RV	1	0	0	1	0	0	0	0	1
LADP-IKAN	0	1	0	1	0	0	0	0	1
LADP-RHC	0	1	0	1	0	0	0	0	1
DHC	0	8	3	11	0	0	0	0	11
PMU	0	1	0	1	0	0	0	0	1
Total	18	112	33	163	0	2	3	5	168

B – Personal Injury (Non- Work Related)

Contract Package	Incident Category								Total till Reporting Month (A+B)
	To End Previous Month				During Reporting Month				
	Fatal	LTI	MTC	Total (A)	Fatal	LTI	MTC	Total (B)	
KKH-01	1	0	0	1	0	0	0	0	1
KKH-02	0	0	0	0	0	0	0	0	0
RAR-01	1	0	1	2	0	0	0	0	2
RAR-02	0	0	0	0	0	0	0	0	0
132kV TL	0	0	0	0	0	0	0	0	0
MW-01	1	3	0	4	0	0	0	0	4
MW-02	1	1	0	2	0	0	0	0	2
PCI-01R	0	0	0	0	0	0	0	0	0
DHC	0	0	0	0	0	0	0	0	0
PMU	0	0	0	0	0	0	0	0	0
Total	4	4	1	9	0	0	0	0	9

C – Machinery Damage

Contract Package	Incident Category						Total Incidents till Reporting Month (A+B)
	To End Previous Month			During Reporting Month			
	Major Damage	Minor Damage	Total (A)	Major Damage	Minor Damage	Total (B)	
KKH-01	17	14	31	0	0	0	31
KKH-02	1	2	3	0	0	0	3
RAR-01	5	3	8	0	0	0	8
RAR-02	0	1	1	0	0	0	1
132kV TL	0	2	2	0	0	0	2
MW-01	8	20	28	0	0	0	28
MW-02	4	7	11	0	0	0	11
LBRV-11/12	1	6	7	0	0	0	7
PCI-01R	0	1	1	0	0	0	1
DHC	3	7	10	0	0	0	10
Total	39	63	102	0	0	0	102

6.2.1 Description of Incidents/Accidents (Work Related)

Date of Incident	Location	Contract	Description of Incident	Category	Body Parts Effected	Reporting/ Corrective Action	Status
28 th May, 2023	CT-02	MW-02	At around 10:30pm, a driller was drilling a hole for hanging the electric wire. During the activity, the drill bit got stuck in the hole and driller lost control of the drill machine, subsequently the handle of the drill machine hit him above his right eye resulting in injury. He was shifted to CR-09 medical station where doctor treated his wound.	MTC	Forehead	RCA in Progress	Open
28 th May, 2023	Siglo Starter Dam	MW-01	At around 02:15 pm, lifting activity was going on for loading steel formwork plates into the dump truck, when a steel plate slipped and fell from the dump truck. A worker was standing on the same steel plate when it fell, and He also fell, and fractured his leg.	LTI (1)	Leg	RCA in progress	Open
26 th May, 2023	Siglo Starter Dam	MW-01	At around 23:15pm, during the installation of rebar at Siglo starter dam; concrete blocks area, the IP was fixing the rebar along with his co-workers standing on the ground, accidentally the re-bar slipped from the upper horizontal bars and struck with the helmet of IP, the helmet got damaged and he received scalp lacerations at the back of his head. He was immediately taken to Uchar First Aid Station, doctor administered with the first aid, applied single suture & sent him back to duty.	MTC	Head	RCA in Progress	Open
25 th May, 2023	Uchar	MW-01	At around 04:50pm, a dump truck driver was changing the punctured tire of the dumper. He was trying to release the tire from the designated compartment when the tire fell on his right leg resulting in a cut above his ankle. He was shifted to the Uchar Clinic where doctor applied 2 stitches and cleared him for duty.	MTC	Right Leg	RCA in Progress	Open
8 th May, 2023	K4 Tunnel	KKH-01	At around 09:55am, the hand drill machine broke down during drilling at height. The Driller 1 removed the drill from hole and started inspecting the drill while standing at height. Driller 2, working nearby, completed the job and removed the hand drill. While he was removing the drill, Driller 1 tried to avoid being hit by the move and lost his balance & fell approximately 5 meters to the ground. He was shifted to DHQ where doctor concluded that there was no visible injury or bleeding. The patient was referred to tertiary care for further examination and was cleared of any substantial injury.	LTI (1)	Left Hand	RCA in Progress	Open

6.2.2 Key Performance Indicators – During Reporting Month

Table 6.1: Key Performance Indicators during Reporting Month

Metrics	PMU	DHC	RAR-01	KKH-01	TL-01	MW -01	MW-02	PCI-01	RAR-02	KKH-02	EM-01	DHPP Total	Target
Number of Staff/Workers Monthly	390	522	108	1027	66	2141	2027	274	196	355	106	7210	
Number of Staff/Workers in running year (Annual)	753216	1056768	241536	1281600	98304	3342528	3316416	449088	242304	476736	120192	11378688	
No. of Recordable Injuries & Illness (RI) Monthly	0	0	0	1	0	3	1	0	0	0	0	5	
No. of Recordable Injuries & Illness (RI) in running year	0	2	2	4	1	17	6	4	4	3	0	43	
Incidence Rate (TRIR of running year) *	0	0.3	1.6	0.6	2.03	1.01	0.3	1.7	3.3	1.2	0	0.7	0.8 ¹
Fatality Case Monthly	0	0	0	0	0	0	0	0	0	0	0	0	
Fatality Case (FAT) in running year	0	0	0	0	1	1	2	0	0	2	0	6	
Fatality Frequency Rate (FFR) of running year	0	0	0	0	2.03	0.05	0.12	0	0	0.8	0	0.1	
Lost time injuries (LTI) Monthly	0	0	0	1	0	1	0	0	0	0	0	2	
Lost time injuries (LTI) in running year	0	2	1	2	0	11	3	4	1	0	0	24	
LTI Frequency Rate (LTIFR of running year)**	0	0.3	0.8	0.1	0	0.6	0.1	1.7	0.8	0	0	0.4	0.5 ²
First-Aid Cases (FAC) Monthly	0	0	0	7	0	1	1	4	0	0	0	13	
First-Aid Cases (FAC) in running year	0	0	0	40	3	14	12	16	0	2	0	87	
FAC frequency rate (FACFR of running year)	0	0	0	6.2	6.1	0.8	0.7	7.1	0	0.8	0	1.5	
Medical Treatment Cases (MTC) Monthly	0	0	0	0	0	2	1	0	0	0	0	3	
Medical Treatment Cases (MTC) in running year	0	0	1	2	0	5	1	0	3	1	0	13	
MTC frequency rate (MTCFR of running year)	0	0	0.8	0.4	0	0.2	0.06	0	2.4	0.4	0	0.2	
Near-miss Incidence (NMI, monthly)	0	0	0	2	0	1	2	5	0	0	0	10	
NMI Investigated & corrective actions taken	0	0	0	2	0	1	2	4	0	0	0	9	
% NMI closed	0	0	0	100	0	100	100	80	0	0	0	90	100%*3
COVID19 cases	0	0	0	0	0	0	0	0	0	0	0	0	
COVID-19 per 100 workforces (CFR)	0	0	0	0	0	0	0	0	0	0	0	0	
No of OHS AFI attended by DHC	0	0	0	0	0	7	7	1	0	0	0	15	
No. of AFI approved	0	0	0	0	0	7	7	1	0	0	0	15	
No. of OHS EI issued by DHC	0	0	0	0	1	0	0	1	1	0	0	3	
NO of EI Closed	0	0	0	0	1	0	0	1	0	0	0	2	
% of OHS EI closed	0	0	0	0	100	0	0	100	0	0	0	66.67	
No. of OHS Training	0	2	5	14	3	4	4	3	4	4	5	48	
Training (No. Attendees)	0	17	51	144	52	68	68	43	92	195	78	808	
No. of OHS NCR issued	0	0	0	3	1	0	1	0	0	0	1	6	
No. of OHS NCR closed	0	0	0	5	3	0	0	0	0	0	0	8	
% of NCR Closed	0	0	0	166.67	300	0	0	0	0	0	0	133.34	
No. of Toolbox Talks (TBT) by Contractors	0	0	35	145	25	160	160	21	68	180	21	815	

Metrics	PMU	DHC	RAR-01	KKH-01	TL-01	MW-01	MW-02	PCI-01	RAR-02	KKH-02	EM-01	DHPP Total	Target
TBT Participants of Contractors	0	0	389	864	314	1230	1189	167	748	1595	1023	7519	
No of OHS walk-through-Inspections by													
Contractor Management/ Senior Staffs	0	0	0	16	3	5	5	5	5	1	3	43	
DHC Management/ Senior Staffs	0	0	1	1	0	1	1	0	1	0	1	6	
DHC Supervisors	0	0	1	21	3	10	17	3	5	7	5	72	
Contractor Supervisors	0	0	1	260	4	31	31	8	31	174	5	545	
Unsafe Acts identified by DHC	0	0	0	28	3	27	34	2	1	2	4	101	
Unsafe Conditions identified by DHC	0	0	3	124	5	52	65	8	14	30	7	308	
No of Joint Inspections Conducted	0	0	1	1	0	1	1	0	1	0	1	6	

*1 DHPP TRIR assumed Target for 2023 is 0.8 based on IR for the year 2022, *2 DHPP Lost Time Injury Frequency Rate (LTIFR) Target 2023 is 0.5 based on LTIFR for the year 2022, *3 % NMI Closer Target within 30 days, *4 COVID-19 Frequency Rate (number of cases per 100 workers/staffs)

* IR = $\frac{\text{Recordable Incidences}}{\text{Total man hours worked per year}} * 200,000$

Please Note: Running year during Jun 2022 to May 2023 (Annual)

6.3 Safety Performance

During May 2023, 2 LTI, 3 MTCs, 13 FACs and 10 near misses were reported.

6.3.1 Injuries and Illness Performance

During the reporting month, two recordable injuries and illness were reported that follows;

- One LTI was reported from MW-02
- One MTC was reported from KKH-01, 2 MTCs were reported from MW-01 and 1 MTC was reported from MW-01.
- The total recordable injury rate (TRIR), medical treatment case frequency rate (MTCFR) and lost time injury frequency rate (LTIFR) for the DHPP from Jun 2022 to May 2023 are estimated as 0.7, 0.2 and 0.4, respectively.

6.3.2 Unsafe Condition, Unsafe Act and Near-Miss

During the reporting month, DHC conducted different inspections and observed 101 unsafe acts, 308 unsafe conditions and 44 good practices. Most of (UA) Unsafe Act, (UC) Unsafe Conditions and (GP) Good Practices are related to KKH01, MW-01 and MW-02 contracts.

Figure below presents contract wise status of unsafe acts, conditions, and good practices during the reporting month.

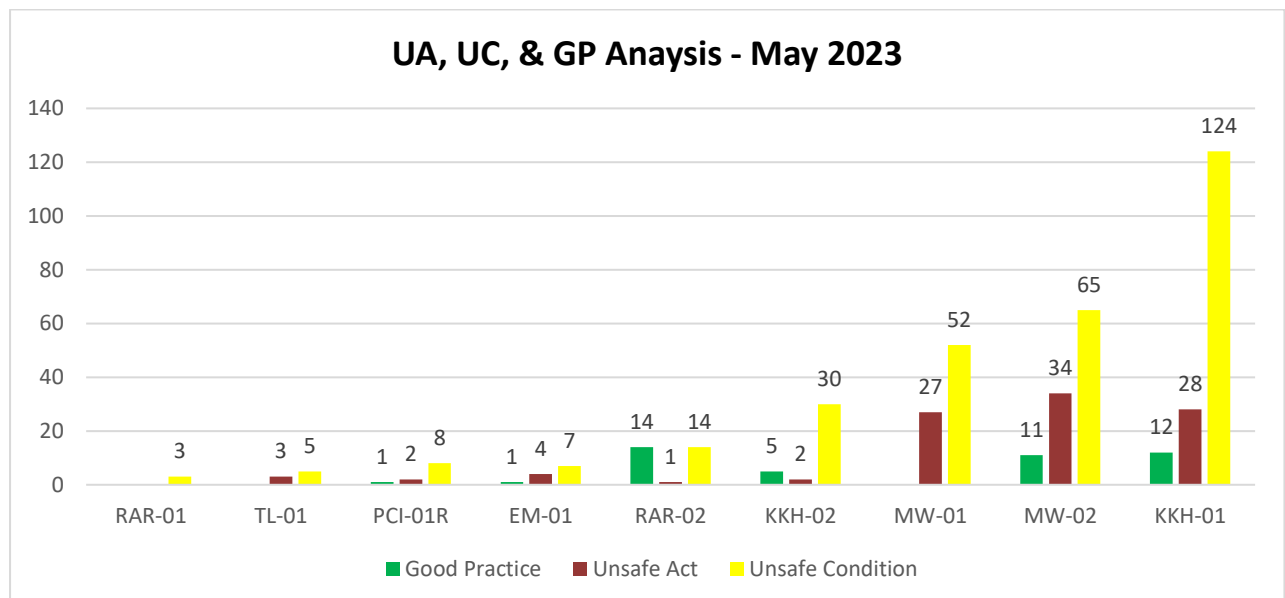


Figure: Contract-wise unsafe acts, conditions, and good practices

6.3.3 Incident Pyramid

The triangle below illustrates the relationship ratios of various unsafe acts, unsafe conditions, near misses, first aid cases, lost time injuries, medical treatment cases, and fatalities recorded during the reporting month to analyze incident data and identify the trend or patterns to prevent future incident at the project.

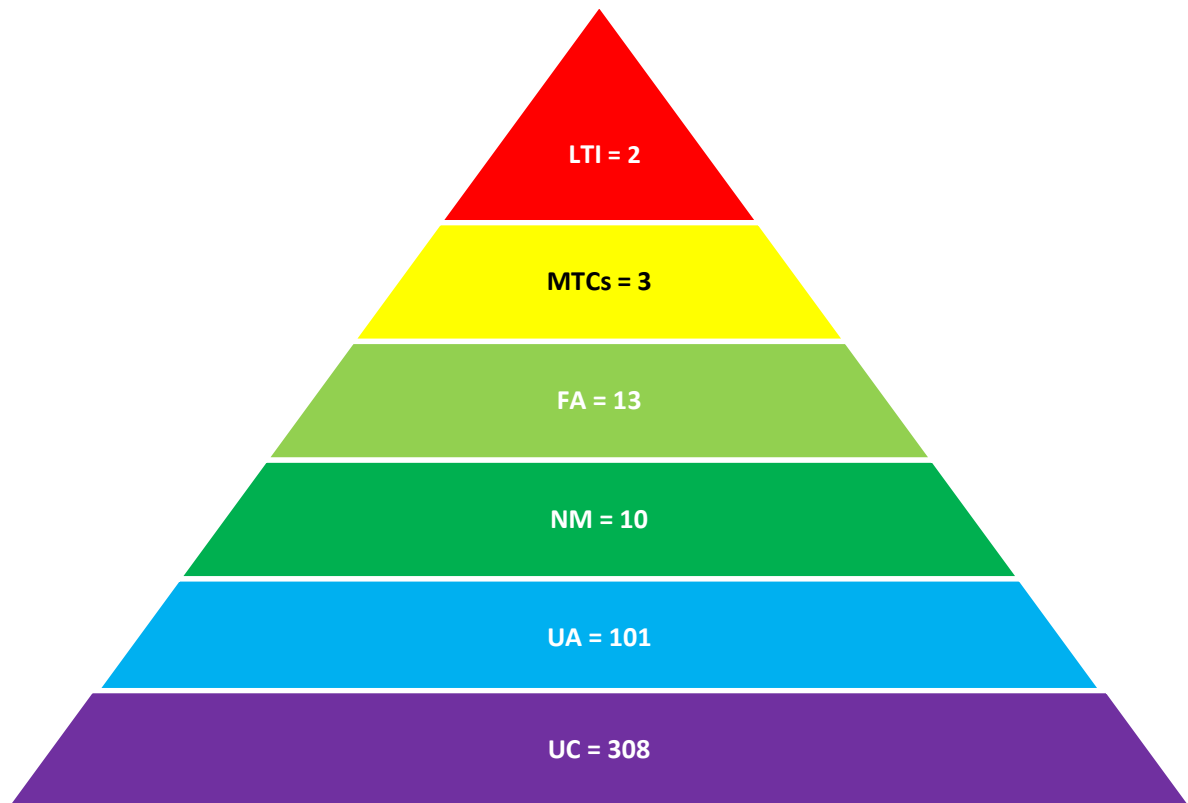


Figure: Incident Pyramid

6.3.4 Monthly OHS Progress Review Meeting

Following table presents the overall status of the monthly OHS Progress Review Meeting agenda items closure for April 2023. All Contractors were instructed to close the remaining issues as soon as possible.

Table 6.2: Status of Outcomes Monthly Progress Review Meeting

Sl.	Contract	OHS MoM Status During the Reporting Month				
		Total	Open	Partially closed	Closed	New Items added
1	MW-01	29	11	6	4	8
2	MW-02	30	12	6	4	8
3	RAR-01	18	2	2	2	12
4	RAR-02	16	3	2	6	5
5	KKH-01	24	9	5	0	10
6	KKH-02	20	4	3	8	5
7	PCI-01	13	2	0	4	7
8	TL-01	10	4	0	3	3
9	EM-01	18	10	1	3	4
Total		178	57	25	34	62

6.3.5 Status of Non-Compliance Reports (NCRs)

The contract-wise status of NCRs can be seen in the below Table.

Table 6.3: Status of NCRs since commencement of Project

Contracts	Open NCRs					Total Closed (D+E=F)	Grand Total (C+F-E)
	Open till Last Month (A)	Issued during Reporting Month (B)	Total Open A+B=C	Closed till Last Month (D)	Closed during Reporting Month (E)		
KKH-01	3	3	6	6	5	11	12
KKH-02	1	0	1	0	0	0	1
RAR-01	0	0	0	7	0	7	7
TL-01	2	1	3	2	3	5	5
MW-01/02	4	1	5	46	0	46	51
PCI-01R	2	0	2	15	0	15	17
LBRV-11/12	0	0	0	2	0	2	2

Contracts	Open NCRs					Total Closed (D+E=F)	Grand Total (C+F-E)
	Open till Last Month (A)	Issued during Reporting Month (B)	Total Open A+B=C	Closed till Last Month (D)	Closed during Reporting Month (E)		
RAR-02	1	0	1	2	0	2	3
LADP-SA01	1	0	1	0	0	0	1
LADP-JMK	0	0	0	1	0	1	1
EM-01	0	1	1	0	0	0	1
Total	14	6	20	81	8	89	101

6.3.6 Joint Site Inspection by PMU, DHC, and Contractors:

OHS team of DHC have conducted joint inspections along with PMU and contractors. The results are shared with all stakeholders. Good observations were noted and the contractors were directed to improve the site conditions and enhance preventive measures and continue good practices at sites. The summary of joint inspection is presented in the Table below.

Table 6.4: List of Joint Site Inspections

Sl.	Contract	No. of Joint Inspection by DHC, WAPDA & Contractors	Highlights of the Inspection
1.	MW-01	1	MW-01 inspection was Conducted on 18-05-2023 at starter dam and highlighted issues were related to PPEs, heavy equipment, accessways, electrical DBs, edge protection, oil spill control, welfare facilities and rejected vehicles in use.
2.	MW-02	1	MW-02 inspection was Conducted on 18-05-2023 at CR09 Tunnels and highlighted issues were related to work at height platforms, MSDS, Dry drilling, Electrical Installations, PPEs, drinking water and first aid facility.
3.	RAR-01	1	RAR01 walk-through inspection was conducted by the management on May 11, 2023, which include the Komila Bypass Road construction activities.
4.	RAR-02	1	RAR02 walk-through inspection was conducted by the management on May 25, 2023, which include Doga Cable Lift foundation works at Left Bank.
5.	KKH-01	1	KKH01 walk-through inspection was conducted by the management on May 11, 2023, which include Tunneling works at K09 Tunnel and K04 Tunnel.
6.	EM-01	1	EM01 walk-through inspection was conducted by the management on May 11, 2023, which include the camp facilities at EM01 Accommodations camp at Kass.
Total		6	

In the reporting month (6) joint inspections were conducted at different contracts and locations. The Concerned contractors were directed to rectify the observations within given time frame. Detail reports of each inspection was recorded for follow-up rectifications.

6.3.7 Training and Capacity building:

6.3.7.1 Training Offered by DHC OHS Staff

Training is a key element in construction projects to enhance practical skills or behaviour of workforce in order to obtain optimum result and to identify hazards, its associated risk and prevent incidents at workplace. Training gradually increases the individual level of self-awareness, proficiency, and motivation to perform the job well. Therefore, WB, PMU and DHC primarily emphasized on regular training program for the DHC, PMU and Contractors staff. Detail of trainings delivered by DHC OHS staff in this reporting month is described below:

Sl. No.	Trainings arranged by DHC				
	Date of Training	Subject of Training	Trainer	Target Group	No. of Participants
1.	May 19, 2023	ISO 45001 Awareness Session	Mr. Azmat Farooq (Sr. OHS Professional)	DHC & Contractor OHS Staff	7
2.	May 14, 2023	ISO 45001:2018 Understanding	Mr. Azmat Farooq (Sr. OHS Professional)	DHC & Contractor OHS Staff	10
Total					17

6.3.7.2 Training ISO 45001:2018 Lead Auditor (SMS) Safety Management System

In addition to above, two specialized ISO 45001 lead auditor training sessions were conducted by Bureau Veritas (Pakistan) PVT LTD. at the DHP site from 2nd May to 6th May and 7th May to 11th May 2023 respectively, for PMU, DHC, MSC, and Contractors (Figure 6.2).

The primary objective of this training was to fulfil the audit requirements and enhance the skills, techniques, and standards necessary to create a safe and healthy workplace. The training was delivered by a certified and experienced Bureau Veritas trainer with extensive knowledge in ISO 45001 Lead Auditor Training. The selected candidate attended these training sessions and gained a comprehensive understanding of the ISO 45001 requirements, risk assessment, emergency preparedness and response, and compliance with legal and regulatory requirements.

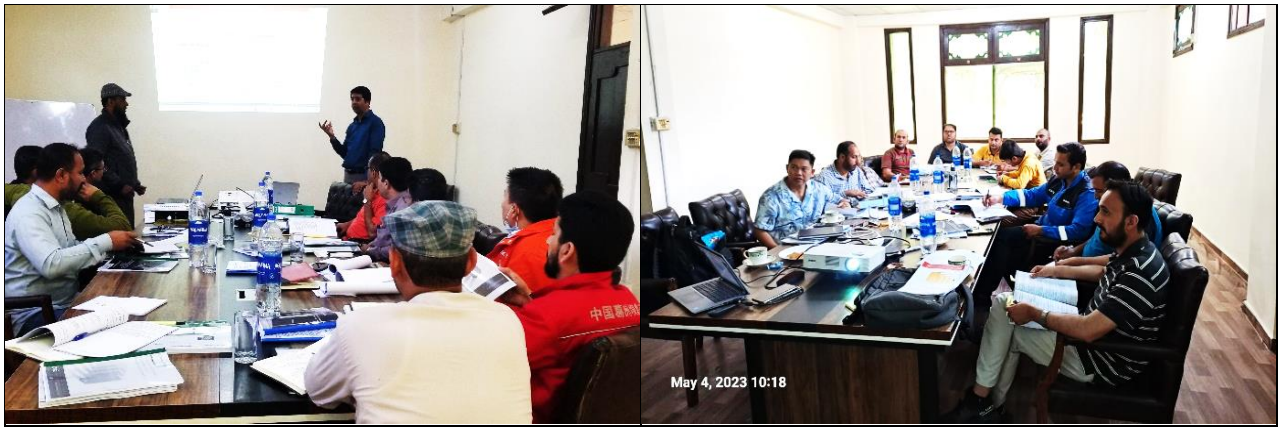


Figure: Training ISO 45001:2018 Safety Management System

6.3.7.3 Site and Job Specific Training Offered by Contractors

Details of trainings offered by the Contractors are presented below:

Sl. No	Contract	Number of Trainings during Reporting Month	No. of Participants
1.	RAR-01	5	51
2	RAR-02	4	92
3	KKH-01	14	144
4	KKH-02	4	195
5	TL-01	3	52
6	MW-01	4	68
7	MW-02	4	68
8	PCI-01	3	43
9	EM-01	5	78
Total		46	791

6.3.7.4 Tool-box Talks by the Contractor

During the reporting period, contractors conducted toolbox talks and trained the staff on different safety issues during TBT meetings. Details of daily TBT are described below:

Sl. No	Contract	Number of TBTs during Reporting Month	No. of Participants
1.	RAR-01	35	389
2	RAR-02	68	748
3	KKH-01	145	864
4	KKH-02	180	1595
5	TL-01	25	314
6	MW-01	160	1230
7	MW-02	160	1189
8	PCI-01	21	167
9	EM-01	21	1023
Total		815	7519

6.3.8 Plant and equipment Inspection

The contract-wise status of plant and equipment inspection can be seen in the below table

Contract Package	Total Inspections Conducted till Previous Month		Total Inspection Conducted														Total Inspections Conducted till Reporting Month			
			Light Vehicles		Dump Trucks		Excavators		Jumbo and Conventional Drills		Shotcrete Jumbo Machines		Bucket Loaders		Other					
	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized		
KKH-01	43	28	0	2	14	5	3	0	0	0	0	0	0	0	3	0	2	0	65	35
KKH-02	41	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	10
RAR-01	41	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	18
RAR-02	1	1	0	0	1	0	3	0	2	0	0	0	0	1	0	0	0	0	8	1
132kV TL	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	5
MW-01	64	16	0	0	6	0	1	0	0	0	0	0	0	0	0	1	0	0	72	16
MW-02	112	20	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	116	20

Contract Package	Total Inspections Conducted till Previous Month		Total Inspection Conducted														Total Inspections Conducted till Reporting Month			
			Light Vehicles		Dump Trucks		Excavators		Jumbo and Conventional Drills		Shotcrete Jumbo Machines		Bucket Loaders		Other					
	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized	Approved	Seized		
PCI-01R	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0
EM01	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1
DHC	123	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	26
Total	468	125	2	2	22	5	8	0	2	0	0	0	0	4	0	5	0	511	132	

6.3.9 Covid-19 Cases

The contract-wise status of cases for the reporting month can be seen in the below table

SI.	Organization	Number of Employees	Cumulative Positive Cases till previous Month (A)	Positive Cases Reported this Month (B)	Total Number of Deaths till Date	Cumulative Positive Cases till Date (A+B)
1.	WAPDA	390	13	0	1	13
2.	DHC	522	85	0	0	85
3.	MW-01 and MW-02, KKH-02, RAR-02	4719	124	0	0	124
4.	KKH-01 & RAR-01	1135	24	0	0	24
5.	PCI-01R	274	16	0	0	16
6.	TL-01	66	0	0	0	0
7.	EM-01	106	0	0	0	0
	Total	7212	262	0	1	262

6.4 General

6.4.1 High-Level OHS Management

The International Environment Advisor B/ OHS Expert supported the field team in the following matters during the reporting month:

- Reviewed field progresses, prepared agenda for weekly OHS meetings, send zoom invitations to all participants, attended, and moderated weekly OHS meetings with DHC, PMU, and the World Bank. The following are the major highlight of the weekly OHS meetings in the reporting month of May 2023 with action plan:

May 31, 2023	Lost-time and Fatal Accident Frequency Rate (FAFR)	DHPP has already yearly target for Lost-time injury Frequency Rate (0.5). It was suggested to consider a target for FAFR. FAFR is not used by OSHA, however Australian Department of Consumer and Employment Protection recommends Fatal frequency rate as the number of fatalities per million hours worked.	DHPP can set a FAFR based on the historical fatal incident data.
	Revisit Risk Assessment as per the IFC Guidelines recommended by the Independent Auditor	Risk classification proposed in the IFC Guidelines is a recommendation only. The classification does not require a change; however, it was recommended to update the risk register by all contractors.	Revise risk register by June 30, 2023
	Successful testing of Cableway, RAR02 by transporting a 22 tons excavator from left to right bank	Prior to transport the excavator transport of concrete blocks were tested for a total weight of 27 tons. The transport was done safely without any incident. Contractor was advised to develop an SOP for the cableway transport and management.	DHC to follow-up with RAR02 Contractor for the submission and review of the SOP.
	Walk Through Inspection (WTI) by the Senior Management (RAR02 and KKH02)	Identified unsafe acts and conditions and set measurable targets and develop comprehensive strategies. DHC participate in these WTIs as observer.	DHC is to monitor the WTIs and review the WTI reports and actions proposed by the senior management
	NCR issued to KKH01 and PCCL/TL01	NCR issued on OHS violations in Uchar Bridge/Logro B, KKH01 and PCCL/TL01 for stringing of conductors. DHC field team to rectify issues during work observation with the Contractors' supervisor.	Update on the NCRs issued to KKH01 and TL01
May 10, 2023	Unsafe working platforms	Unsafe working platforms at Penstock 1, Powerhouse and Transformer Cavern. Unsafe conditions are identified and communicated to the Contractor for rectification.	Issues raised by DHC and will be rectified by CGGC before June 5.
	Cultural and Religious Induction of the Expatriates	Training materials was prepared and induction provided to DHC Expats. It was recommended that DHC social team should take the lead and DHC OHS team can supplement the initiative to improve the code of conduct based on the recent lessons learnt.	Coordinate with the social team for effective implementation of the code of conduct.
	OHS violations in Uchar Bridge/Logro B	NCR Issued to KKH01. Enquire the recent under-performance of CCECC and raise this during Monthly Progress Review Meeting (MPRM) with the CCECC management.	Issue raised during May 14, 2023 and recorded in the Minutes of the Meeting.
May 3, 2023	Termination of the crushing plant operator and final warning to the PM/MW01	Letters issued to the Contractor. PMU Director Environment will follow-up with PD/GM for effective implementation of the termination and warning letter.	DHC to follow-up with PMU.
	Fatal Incident on April 30, 2023	Conduct a thorough investigation and prepare the ICAM Report. Investigate whether daily fatigue self-assessment questionnaire was prepared as required by SOP07 – Safe Driving by the dump truck driver. Also investigate the effectiveness of the road safety barrier to prevent the fall.	ICAM report provided further action plan for the contractor.
	Trend analysis of the DHPP Fatal Incidents	Analyze the fatal incident data, prepare the historical trend, and estimate historical Fatal Accident Frequency Rate per million man-hours.	Will be presented during June 7, 2023 weekly meeting.

- Review accident and incident flush reports KKH01 and KKH02 and warning letter issued to KKH01 line managers.
- Reviewed and edited April 2023 monthly progress report, and
- Review Client's Feedback Questionnaire prepared by Engineer and Review NCR 04 issued to TL01 Contractor.
- Review and edit DHC ICAM report by OHS for April 30, 2023 fatal incident of MW02 at Uchar crushing plant.
- Review and edit DHC Quarterly OHS Report (September-December 2022).

6.4.2 OHS Systems and Procedures

International OHS Specialist (Systems and Procedure) was not involved in this reporting month. There is a requirement for his involvement to amend the SOP of Cofferdam construction or draft a new SOP for Dam Construction.

6.4.3 OHS Underground Works

International OHS Specialist (Underground Works) was not involved in this reporting.

7 SOCIAL AND RESETTLEMENT MANAGEMENT ACTIVITIES

Implementation Progress of Social & Resettlement (S&R) Management Plan

Work on SRMP implementation continued during the reporting month. Major activities carried out by various S&R teams during the reporting month are summarized below:

7.1 Land Acquisition and Compensation Payment

Land Acquisition Team undertook the following tasks during the reporting month.

7.1.1 Land Acquisition Status

As per updated status of Land Acquisition obtained from the Land Acquisition Section of the Deputy Commissioner's Office, Dasu, Kohistan Upper, a total land of about 4,907 acres has been awarded / acquired by the end of May 2023. It includes 729 acres of land (Batch-1) awarded before ECNEC decision (November 2019) and 4,178 acres of land acquired after ECNEC decision (after November 2019). The land awarded after ECNEC decision; includes, 397 acres land acquired through compulsory acquisition and 3,781 acres land acquired under private negotiation. A total of 77 acres of land was acquired during the reporting month, while the acquisition of remaining (131 acres) land is under process, which will be acquired by June 30, 2023 (as given by Land Acquisition Collector). This mainly includes the land in Shatial (84 acres), Gul-e-Bagh (36 acres), Gummon (03 acres), and Seo Crush Plant Area (08 acres). Batch-wise land acquisition status by May 2023 is given below.

Table 7.1: Batch-wise Status of Land Acquisition (Updated by End of Reporting Month)

Batch	Total Land To Be Acquired	Land Acquired	Remaining Land To Be Acquired	Status
Batch-1	729	729	–	Possession of 100% land has been taken over by WAPDA.
Batch-2	957	957	–	Possession of 100% land has been taken over by WAPDA.
Batch-3	1,554	1,517	37	The possession of 100% of the 98% acquired land has been taken over by WAPDA. The acquisition of remaining (2%) land is under process.
Batch-4	981	981	–	Possession of 100% land has been taken over by WAPDA.
Batch-5	817	723	94	Acquisition of remaining land is under process. The possession of 471 acres (65%) of the acquired land has been taken over by WAPDA.
Total	5,038	4,907	131	The possession of 4,655 acres (95%) of the acquired land has been taken over by WAPDA

In addition to the above total (5,038 acres) land in District Upper Kohistan, about 654 acres land will be acquired in District Diamer making the total land to 5,692 acres.

7.1.2 Status of Compensation Payments

By the month of May 2023, a total amount of PKR 19.79 billion was paid, including PKR 19.457 billion to 8,109 PAPs through 11,998 cheques and PKR 245.240 million deposited to court for disputed cases. While PKR 27.717 million and PKR 65.598 million paid directly to FWO and PTDC respectively.

During the data verification process carried out in April 2023, three duplicate cheques for the total amount of PKR 25,891,340/- were removed from database after cross-checking with Qabzul Wasool and the amounts were corrected.

S. No.	Components	Status by Previous Month			Status during Reporting Month			Grand Total
		# of PAPs	# of CHQ	Amount (In Billion)	# of PAPs	# of CHQ	Amount (In Billion)	
1	All Components	7,966	11782	19.147	146	216	0.31	19.457

During May 2023, an amount of PKR 307,656,618/- was paid as compensation payment to 146 PAPs of 08 components. A total of 216 cheques were issued by DC office during the reporting month. Component wise detail of payment is given in table below:

Table 7.2: Compensation Paid during the Reporting Month

S. No.	Component	PAPs	Cheques	Amount
1.	Access Road to Resettlement Site 01 Area 04 Kuz Chuchang	1	1	36,768
2.	Dogah End Point to Gayal Nala Reservoir Area File-1	100	149	161,009,573
3.	KKH-01 Additional Land Barseen	1	1	5,593,395
4.	KKH-02 Additional Land Looter to Shukrait Nalla Area 1A	1	1	159,238
5.	KKH-02 Kaigah to Awai Area-1 (B)	1	1	346,158
6.	KKH-02 Looter	8	9	612,805
7.	KKH-02 Looter to Shukrait Nallah Area 1B (II)	3	4	601,970
8.	LOR (Shatial Nullah to Reservoir End Point) Area-5	31	50	139,296,711
	Total	146	216	307,656,618

7.1.3 Land Revenue Survey:

Revenue Survey of Additional Land for GMS Kuz Komila at Komila Bypass Zero point completed in the month of May 2023. Following revenue records are received during the month of May, 2023.

S/N	Component	Received On	Submitted on
1	Bailey Bridge Gumoon Looter (Right Side) Area-03	12.05.2023	17.05.2023

7.1.4 Draft Sections/Corrigendum issued.

No sections/corrigendum issued during the month of April 2023

7.1.5 Meeting of Compensation Disbursement Committee (During the Reporting)

No CDC meeting was held during the month of April 2023.

7.1.6 Cost Assessments and Verifications

Verification of cost estimates received before the reporting month have almost been completed and submitted to WAPDA. Cost estimate of fruit trees of one component was received during the reporting month, which was completed and submitted to WAPDA for transfer of funds to LAC designated account. The details are given below:

S/N	Component	Received on	Submitted On	Amount
Fruit Trees				
1	Shatial Nullah to Harban End Reservoir Area File-05	12.05.2023	14.05.2023	338,760.00

7.1.7 GIS Verification

GIS section received revenue record of Baily Bridge Gummon Looter Area-3 files for verification and for issuance of GIS certificate at Satellite imagery-2019. GIS team worked at revenue data, Clip satellite imagery of AOI, Geo-referencing and rectification of masavis and Satellite Imagery. After processing found overlapping in masavi with adjacent components with Baily Bridge Gummon Looter Area-2 & 1, GIS letter sent to LAC office for further necessary process. Details are given below;

Sr. No.	Component	Area			Remarks
		Kanal	Marla	Sarsai	
1	Baily Bridge Gummon Looter Area-3	35	3	7	GIS observation on masavi correction (Overlapped with Area-1 & 2) sent to LAC office dated 19-05-2023.
	Total	35	3	7	

7.1.7.1 Court Cases:

Received Notices / Summons from Dasu Civil Court and Dasu Senior Civil Court for In-charge GIS section in the land acquisition cases. DHC GIS section prepared data accordingly (Revenue data, GIS based Satellite images, GIS certificates) of many components and appeared in Session, Civil and Senior Civil Courts.

Sr. No.	Case No.	Component
01	Case No. 432 Zaar Malik Group	Lachi Nallah Reservoir File-3 Appeared in Sr. Civil Judge court dated 19-05-2023 with GIS certificate based on revenue record, but applicant Lawyer was absent. DHC document section received new summon order form court via dairy no.2541 dated 01-06-2023 Court give new date for hearing 13-06-2023
02	Case No. 117 (Miss Noor Malka)	Dogah End point to Gayal Nallah File-1. DHC document section received new summon order form court via dairy no.1605 dated 03-04-2023 Applicant have some reservation at khasra no. 231 about land type. GIS team prepare data of selected khasra's and appeared in court dated 08-04-2023. But opponent lawyer was absent and Judge had given new date 5-5-2023.
03	Case No.125	Kotgal Reservoir area-2. DHC document section received new summon order form court via dairy no.1727 d 10-04-2023 Applicant have some reservation at khasra no. 12/1 to 12/5 about land type. GIS team prepare data of selected khasra's and appeared in court dated 02-05-2023.

7.1.7.2 Applications from Affectees:

A meeting held in GM/PD WAPDA office with representatives of Shatial and Harban community about GIS land type, Masavi land acquisition limit, and mismatch khasra's of both Shatial Harban 11 components.

GM/PD WAPDA sent application and representatives to DHC GIS section for clearance of objections at GIS land verification. GIS team showed them each khasra and also prepared maps and data for reply via letter Reference No: DHC/Dasu/WAPDA/GEN/sad/ 23-511 to GM office for further necessary action 23-511 dated 19-May-2023.

7.1.8 Built-up / Household Structure maps with Data.

Following 13 land acquisition components data and maps prepared for Chief S & R with Built-up/ Residential khasra's.

- i. Gul-e-Bagh Reservoir Area
- ii. Baily Bridge Gummon Looter Area-1 and 2.
- iii. Shatial Limits to Shatial Nallah File-1
- iv. Shatial Limits to Shatial Nallah File-2
- v. Shatial Limits to Shatial Nallah File-3A
- vi. Shatial Limits to Shatial Nallah File-5
- vii. Shatial Nallah to End of Reservoir Area-1 to 6
- viii. Baily Bridge Gummon Reservoir Area.

7.1.9 Other Activities Carried Out by GIS Team:

- Data prepared of Batch 1 to Batch 5 related to land acquisition for WAPDA Audit team.
- GIS team prepared updated 06 maps of 132 KV Transmission line from Dasu to Pattan for Transmission Line Section of DHPP.
- W-01 and MW-02 section issued AutoCAD drawing to contractor have arched on DHC backup server.
- Prepared Plan and Profile Drawings of Proposed Boreholes location at relocated KKH-02 tunnels.
- Grid Station maps prepared for Presentations for PM DHC.
- Road Location Plan Updated with 2019 satellite imagery from Existing Dasu Bridge to Raikot Bridge with Relocated Highways.
- Updated right bank access road, road locations plan Komila bypass, RAR-01 & RAR-02.

7.1.10 Status of Land Lease of Kass

On an overall, about 83% of Kass Area has been taken over on lease by WAPDA, while 17% is yet not taken-over, mainly due to ownership disputes & court cases. Therefore, this remaining land area is requested to acquire instead of lease after long waiting of resolution of title disputes and Jirgas with the concerned community. The land acquisition of remaining 17% is under process. This 17% area mainly lies in Kass Area-01 (File-3). Details of four land components (files) of Kass Area is as under;

Sr. No	Component	Total Area (Kanals)	Overall Status
1	Kass Disposal Area-1 (File-1) Part-1 & 2	413.73	99% of the area is taken over by WAPDA and handed over to E&M Contractor
2	Kass Disposal Area-1 (File-2)	223.27	100% area is taken over by WAPDA and handed over to CGGC Contractor
3	Kass Disposal Area-1 (File-3) Part-1 & 2	457.10	71% area taken over and handed over to CGGC while the remaining area is disputed and not taken over
4	Kass Disposal Area-2	393.85	100% area taken over and handed over to CGGC Contractor
	TOTAL	1487.95	Overall 83% area has been taken over and handed over to the contractor

Kass Area-1 (File- 2) and Kass Area-2 has been handed over to CGGC. Similarly, major portions of Kass Area-1 (File-1) and Kass Area-1 (File-3) has also been handed over to E&M and CGGC contractors. However few houses have title disputes and lease amount cannot be paid to these owners, which is now under land acquisition process.

7.2 Development of Resettlement Sites and Relocation

Resettlement and Relocation (R&R) Team carried out various tasks/activities during the reporting month. These mainly include; monitoring of all on-going resettlement sites under construction (LBRV-11, LBRV-12, and Dasu RV), preparation of TRP files and release of payments/cheque, compilation of household data as per revenue record, updating HHs information on MIS and meetings with various stakeholders. Task-wise details of activities carried out by R&R team during May 2023 are given below:

7.2.1 Progress of Seven under Construction Resettlement Sites (under construction)

There are four RV Packages (LBRV-11, LBRV-12 and RBRV-11, and Dasu-RV) consisting of 21 resettlement sites have been tendered and awarded to three contractors under four contracts (LBRV-11, LBRV-12, RBRV-11, and Dasu RV).

Currently seven resettlement sites are active. The contract of Zhongmei for LBRV-11 & 12 was commenced on December 26th 2018 and five priority sites (Nasirabad 1&2, Khushi 1&2 and Uchar-1) were handed over to the Contractor, while only two sites of Dasu-RVs (Chuchang Rv-1 & 4) contracted to Khyber Grace Limited (KGL) and was commenced on 18th June 2019 and the area was handed over to the contractor.

Enhanced Self-managed relocation Package was announced by Deputy Commissioner Kohistan on 31st May, 2021 that the AHHs have the option to change their stance from resettlement site to self. In the light of this announcement, the majority of AHHs opted self-resettlement.

Site-wise activities carried out during the reporting month are given below:

7.2.1.1 Progress and Issues of Under Construction Resettlement Sites

During the reporting month Social & Resettlement team along with infrastructure planned and carried out a series of field visits to the ongoing resettlement sites particularly to the M/S Zhongmei contracted RVs under the package LBRV 11 & 12. The purpose of these visits was to assess/oversee the completion status of work on each RV. The Zhongmei Contractor completed the plot development, sewerage system, access road and link roads, and slope stability works on the five resettlement sites under LBRV-11 & 12 in November 2022 as the contract time has been finished, however some pending works as well as defective works are yet to be done which is being followed by the Infrastructure team.

During the reporting month S&R team visited all seven ongoing RVs to inspect the ongoing work and completion status of each RV. A checklist bearing relevant information was used to note the completed and remaining works at each RV. The prevailing and longstanding issues related to each RV were also noted. The summary of each RV completion status is given in the below table.

Site-wise progress and issues of all five Resettlement site is summarized in Table below.

Sr. No	Resettlement Site	Progress during the reporting month.
1	Nasirabad Resettlement Site-1	<ol style="list-style-type: none"> 1. A total of 18 plots have been developed at the site. 2. The construction of the Access Road has been completed and exists. 3. The construction of Sewerage, including the Sewerage line system, Manholes, Septic Tank, and Anaerobic Tank, has been completed and exists, while the Soak pits have not yet been constructed. 4. The construction of the Mosque, including the ablution area, has been completed. However, some of the electrical works have not been completed yet. One of the mosque's windows is completely damaged and needs to be fixed again. 5. The Water Supply, i.e., (1) Internal Water Supply, including the Water Storage Tank, Pipelines & Sluice Valves, has been constructed, but (2) External Water Supply is yet to be connected. 6. The Construction of Retaining/Breast walls at the site has been completed. 7. Short-term slope protection has been done behind the plots. 8. The Graveyard has not yet been constructed. 9. The contractor has not yet removed loose materials at three spots, as agreed during various joint visits.
2	Nasirabad Resettlement Site-2	<ol style="list-style-type: none"> 1. A total of 29 plots have been developed at the site. 2. The construction of the access road has been completed. 3. The construction of the sewerage system, including sewerage lines, manholes, septic tank, and anaerobic tank, has been completed and exists, while the soak pits have not yet been constructed. 4. The construction of the mosque has been completed and exists. The internal/external electrification of the mosque, including wiring, switchboards, and distribution board, has been installed, while switchboards, ceiling fans, wall bracket fans, and the public address system (loudspeaker) have not been fixed yet. Minor works are yet to be done such as, fixing the taps of water at the ablution place and installing the loudspeaker system, etc. 5. The water supply, i.e., (1) internal water supply, including the water storage tank, pipelines, and sluice valves, has been constructed, while (2) external water supply is yet to be connected. 6. The construction of retaining/breast walls at the site has been completed. 7. Shotcrete has been used for slope protection behind the plots. 8. The graveyard has not yet been constructed.
3	Uchar Resettlement Site-1	<ol style="list-style-type: none"> 1. A total of 27 plots have been developed at the site. 2. The construction of the access road has been completed. 3. The construction of the sewerage system, including sewerage lines, manholes, and septic tank, has been completed and exists, while the soak pits and anaerobic tank have not yet been constructed. 4. The construction of the mosque, including the ablution area, has been completed and exists. The internal/external electrification of the mosque, including wiring, switchboards, distribution board, ceiling fans, wall bracket fans, and the public address system (loudspeaker), has been installed. 5. The water supply, i.e., (1) internal water supply, including the water storage tank, pipelines, and sluice valves, has been constructed, while (2) the external water supply, including the intake structure and main supply line, is in progress. 6. The construction of retaining/breast walls at the site has been completed. 7. Shotcrete has been used for slope protection behind the plots. 8. The graveyard has not yet been constructed. 9. The loose material in between both terraces has not been removed yet, which has been a long-standing demand of the resettling AHHs.
4	Khushi Resettlement Site-1	<ol style="list-style-type: none"> 1. A total of 65 plots have been developed at the site. 2. The construction of the access road has been completed. 3. The construction of the sewerage system, including sewerage lines, manholes, and septic tank, has been completed and exists, while the soak pits and anaerobic tank have not yet been constructed. 4. The construction of the mosque has been completed and exists. The internal/external electrification of the mosque, including wiring, switchboards, and distribution board, has been completed, while switchboards, ceiling fans, wall bracket fans, and the public address system (loudspeaker) have not been fixed yet. 5. The water supply, i.e., (1) internal water supply, including the water storage tank, pipelines, and sluice valves, has been constructed, while (2) work on the external water supply is in progress by the contractor KGL. 6. Work on the safety measures (fencing) in front of each terrace is in progress by the contractor KGL. 7. The construction of retaining/breast walls at the site has been completed. 8. Shotcrete has been used for slope protection behind the plots. 9. The risky foot track to the graveyard has not yet been paved, as it was supposed to be done by the previous contractor M/S Zhongmei.
5	Khushi Resettlement Site-2link-1	<ol style="list-style-type: none"> 1. A total of 9 plots have been developed at the site. 2. The construction of the access road has been completed.

		<p>3. The construction of the sewerage system, including sewerage lines and manholes, has been completed and exists, while the septic tank, anaerobic tank, and soak pits have not yet been constructed.</p> <p>4. The construction of the mosque has not yet started.</p> <p>5. Work on the external water supply is in progress by the contractor KGL.</p> <p>6. The construction of retaining/breast walls at the site has been completed.</p>
6	Chuchang Site-1	<p>7. A total of 44 plots, as per the drawing, have been developed at the site and exist.</p> <p>8. The access road has been constructed and exists.</p> <p>9. The construction of the sewerage system, including sewerage lines, manholes, and septic tank, has been completed and exists, while the soak pits and anaerobic tank are under construction.</p> <p>10. Breast/retaining walls have been constructed, and work is in progress on some portions of the same.</p> <p>11. Work on the external water supply is in progress.</p> <p>12. Work on the mosque is in progress.</p>
7	Chuchang Site-4	<p>1. Work on the plots is in progress.</p> <p>2. Work on the mosque has not yet started.</p> <p>3. Breast/retaining walls have been constructed at the lower portion, while at the upper portion, only earthwork has been done by the contractor.</p> <p>4. Work on the external water supply is in progress, while work on the internal water supply is yet to be done.</p>

7.2.2 Status of ESMR Files Preparation and Payment

Preparation of AHHs files and payment of Enhanced Self-Managed Relocation (ESMR) Package continued during the reporting month. The updated status of ESMR disbursement is as under;

- By end of May, ESMR package was paid to 1,302 AHHs of batch-1, 2, 3 and 4, amounting to PKR 4,553.05 million. Out of total, an amount of Rs. 1,064 Million is paid to 304 AHHs of Siglo.
- Relocation of houses from priority villages remained in progress, however the case of Siglo is critical. The District administration conducted a number of Jirgas for the relocation of AHHs of Siglo, who are demanding ESMR Package for all their houses including the rejected cases. So far 310 out of 391 approved cases of Siglo have been paid while Joint Committee Meetings held during the reporting month to review the rejected cases of Siglo. Out of the total paid cases (302) of Siglo, 263 AHHs has relocated to other places after demolishing their structures.
- The Task Force Committee remain engaged to conduct consultations with the AHHs who have received ESMR payments and all other allowances in in the priority-1 and 2 villages for their early relocation and demolishing of their structures for handing over the area to the contractor. So far 835 structures has been demolished and the AHHs relocated to other places. The Task Force Committee is mainly working in Siglo and Kaigah area for expediting relocation of AHHs.
- By the end of May 2023, a total of 1,937 cases of Phase-1 & Phase-II have been processed, out of which 1,387 approved, 436 rejected, 36 subjudice and remaining (78) were under process to be reviewed in joint sessions.
- The Working Committee remained engaged in preparing new ESMR files. During the reporting month, the Working Committee (WC) remained engage in processing referred back files and submitted to Field Verification Committee (FVC) for field verification. The Working Committee Members also started preparing ESMR files of Seer Gayal and Gul-e-Bagh and assigned documentation / file work to the field teams. The field teams remained engage in getting missing signs of AHHs on Affidavit & Other Documents as well as signs on special power of Attorney.
- FVC completed field verification of 49 ESMR file of "More Than One Shareholder" Category and submitted 28 files to Review & Scrutiny Committee (RSC). The FVC also reviewed the referred back files and submitted to RSC after incorporating comments. FVC also remained engage in preparing presentations to review the rejected cases in Joint Sessions. A total of 74 rejected cases were reviewed during the reporting month.
- RSC along with other SMR-Implementation Committees conducted Joint Session to review the under process / Pooled Cases for their early delivery. About 74 files were reviewed in the Joint Sessions during the reporting month.
- Weekly progress review meetings regarding ESMR progress and issues were held in the Deputy Commissioner's Office chaired by the Deputy Commissioner. Detailed discussion held and issues resolved. Reconsidered cases were also discussed in detail in the meetings.
- The S&R Team also remained engaged to receive & review number of applications regarding SMR from the community. The reply of priority applications was prepared and submitted.

7.2.3 Status of TRP Payment

At the end of May 2023, a total amount of PKR 101,683,447/- paid as TRP to 210 RVs (PKR 90,828,554/-) and 86 self-opted (PKR 10,854,893/-) AHHs of 13 components. In addition, PKR 3,926,220/- were paid to 43 commercial structures of Barseen, Khushi, Siglo and Tailrace Kuz Chuchang Area.

During the reporting month, Temporary Relocation Package were not released to any AHH. M&E team conducted a verification exercise, updated missing entries and corrected components in the database.

S. No	Component	Status by Previous Month			Status during Reporting Month			Grand Total
		RVs	Self	Amount	RVs	Self	Amount	
1	Additional ROW (KKH-01)	6	4	4,996,086	0	0	-	4,996,086
2	Bar Chuchang	1	3	723,869	0	0	-	723,869
3	Khushi Access Road to Ventilation Tunnel	13	1	6,905,800	0	0	-	6,905,800
4	Khushi Dumping	9	8	6,141,191	0	0	-	6,141,191
5	Khushi to Logro	58	0	12,625,000	0	0	-	12,625,000
6	KKH-01 (ROW)	34	22	27,307,961	0	0	-	27,307,961
7	Logro	43	0	23,396,616	0	0	-	23,396,616
8	RAR-01 (ROW)	16	26	9,245,959	0	0	-	9,245,959
9	Uchar Thoki (Uchar Contractor Camp-2 Thoki)	15	0	3,275,000	0	0	-	3,275,000
10	WAPDA Offices and Colony Chuchang	1	0	416,447	0	0	-	416,447
11	Zhongmei Camp	4	1	2,658,200	0	0	-	2,658,200
12	Khushi Access Road	0	18	2,263,741	0	0	-	2,263,741
13	Tailrace Area Kuz Chuchang	10	3	1,727,577	0	0	-	1,727,577
Total		210	86	101,593,447	1	0	90,000	101,683,447

7.2.4 Updated Status of Relocation of Government Middle School (GMS) Kuz Komila

A devastating landslide occurred beneath GMS Kuz Komila on April 1st, 2023, jeopardizing the safety of the school building. A team from DHC's Social & Resettlement Section and XEN RAR-01 WAPDA inspected the site on April 13th and observed extensive cracks throughout the building, including the walls, lawn, boundary wall, stairs, and pedestrian path. Additionally, ongoing excavation activities for the Komila bypass posed a serious risk of collapse even with minor digging near the school. Consequently, an urgent temporary relocation of the students and staff was deemed essential for their well-being.

On May 19, 2023, a joint visit was conducted to GMS Kuz Komila, comprising Chief Geologist Mr. Ogava, Mr. Javed Ali (Senior Geologist), Mr. Anwar ul Haq (Junior Engineer, Infrastructure Section), a representative from the S&R staff, and personnel from the survey section. The purpose of the visit was to analyze the land proposed for the permanent construction of the school building. The objective of this joint visit was to generate a technical report to assess the feasibility of the identified piece of land.

During a previous joint visit on May 16, 2023, involving representatives from DHC's Social & Resettlement Section, ADEO (P&D), Director S&R WAPDA, and the school management staff, the possibility of permanent construction on a patch of land behind the existing building was discussed. WAPDA requested a technical report from DHC to evaluate the feasibility of acquiring the identified land, which would initiate the land acquisition process if deemed suitable.

7.2.4.1 Inspection of the Proposed Site for Permanent Construction of the School.

During the joint visit, all the experts carefully observed the proposed piece of land from their respective technical perspectives. The survey section collected coordinates to aid in the proper design, while the representative from the infrastructure section assessed the site for potential access and approach. The geological experts examined the site from a geological standpoint. Taking into account the field observations, each section's experts will generate a technical report. These reports will be submitted to the employer for further necessary actions.

7.2.5 Updated Status of Relocation of Government Primary School (GPS) Seo

The joint team members conducted an extensive meeting with the school management staff and officials from the education department at the office of the head teacher. The purpose of the meeting was to discuss the reasons behind the temporary relocation of the school building. The team also evaluated and analyzed the current temporary arrangements of the school facilities. Following a detailed discussion, the school management staff presented various options for the temporary relocation of the school.

On May 19, 2023, a joint visit was conducted to GPS Seo for the purpose of its temporary relocation. The objective of this visit was to hold a meeting with the school management staff and representatives from the line department to discuss the temporary relocation of the school. This was necessary as WAPDA has planned to reconstruct the existing school building in the near future. Additionally, the visit aimed to identify a suitable location for the temporary shifting of the school without disrupting the learning process in the current temporary arrangements.

7.2.5.1 Updated Status of Proposed Site for Temporary Relocation of GPS Seo

The school management staff and education department officials proposed the following locations for the temporary relocation of GPS Seo.

- i. The agricultural fields of Mr. Muhammad Bashir situated behind the dismantled building of Government High School Seo. The joint team visited the identified piece of land, it's a terrace of approximately five to six Kanal area and found it feasible as the alternate location for shifting of the existing set up of GPS Seo. Owner of the land is agreed to provide the land on lease. Land leveling is needed at this location.
- ii. Second option identified by the school management staff and education department officials is the land owned by Mr. Saifullah which is situated adjacent to the civil veterinary hospital at old Seo village just beneath the RAR-01. The joint team also visited this site, it's a leveled agricultural terrace having about six to seven Kanal area. The location is found feasible and appropriate for the temporary relocation of the subject school. The owner is agreed to provide his land on lease. No excavation is needed at this location as it is a plain leveled terrace.
- iii. The third option identified by the school management staff and education department officials is the land owned by Mr. Gul Rahman which is situated below the boy's hostel in which the setup of GHS Seo is running currently. Excavation and leveling is needed at this location being a bit sloppy. The owner was not present hence need to further consult whether he is agreed to provide for the temporary arrangements of the subject school or not.
- iv. The fourth option identified by the school management staff and education department officials is the location of bandki which is situated at Seo Village in front of the GPS Seri Ameer Khan. This is the communal land of the entire residents of sub division Seo and needed minor land leveling.

Following Suggestions were given by the School Management and Education Department Representatives.

- As the central and feeder school of Subdivision Seo, the current temporary arrangement is insufficient. It is anticipated that the student enrolment will increase with the implementation of appropriate arrangements. Currently, there are approximately 500 students, and according to the education department's standards, each classroom should accommodate 40 students. Based on this calculation, a total of 14 shelters, including an office for the teaching staff, will be required. WAPDA and NIDA Pakistan (an NGO) have already provided 4 shelters, with each organization contributing two shelters. An additional 10 shelters in the form of prefabricated structures need to be provided and installed at the new proposed location.
- A block of group toilets, consisting of approximately 8 to 10 units, will need to be constructed at the new proposed location. Additionally, arrangements for drinking water supply and a water storage tank are also required.
- The School Management and education department officials prioritized the new proposed location (The land of Mr. Muhammad Bashir) as their first choice, the land of Mr. Saifullah as second choice, the land of Mr. Gul Rahman as third choice and Bandki (The Communal Land) as fourth choice.

7.2.6 Other Major Activities Carried Out by R&R Team

- On May 2, 2023, a meeting was held with the Chief Contract Section of DHC to discuss the land component of the Kass area. The meeting also covered the topic of demolished houses and the available area for contractor activities.
- On May 3, 2023, a consultation meeting was conducted with the Panibah community to address the issue of missing documents in the ESMR files. During the meeting, the pool files were organized, and the necessary documents were attached.
- A consultation meeting took place on May 4, 2023, with the owners of the water source at Largani Nullah, which was proposed for water supply to RV Nasirabad 1&2. The matter was discussed in detail, and eventually, they agreed to provide the water. However, the landowners along the route from Largani Nullah to both RVs completely refused to allow the main supply line passing through their land.

- Grievances and Redressal Committee meeting was held at the WAPDA office on May 8, 2023, to address an application filed by a community member from Komila bypass area. The matter was discussed thoroughly, and it was decided to visit the site along with DHC-OHS staff and Road staff in coming days.
- Prepared payment proforma, checklist and other necessary documents for Soniwal community to facilitate the payment of project allowances amounting PKR 200,000 per Affected Person.
- A consultation meeting was conducted on May 10, 2023, with the resettling affected households (AHHs) of RV Uchar-01 to finalize the route of the main water supply line from the intake structure to RV Uchar-01. During the meeting, the community proposed using their own land as the route for water supply line, through which the installation can be easily facilitated.
- As a response to the Grievances and Redressal Committee (GRC) meeting held on May 8, 2023, a joint team consisting of the Chairman IGRC, DHC S&R Expert, DHC OHS Specialist, Senior Engineer from the Road Section, and a representative from CCECC visited a house located at RD. 1+700 on Komila Bypass. The house was thoroughly examined, and the Chairman instructed the team to prepare a field visit report for further action.
- On May 17, 2023, the Social & Resettlement team, including the S&R Expert and S&R Field Inspectors, visited Seer Gayal Village, specifically Gayal Nullah to Kandia, to capture house pictures, which are an essential part of the ESMR Files. A total of 30-32 house pictures were taken during the visit.
- On May 17, 2023, a joint team comprising of Director S&R WAPDA, ARE Road DHC, S&R professional DHC, ADEO (P&D) education department and school management staff of GMS Kuz Komila visited GMS Kuz Komila to assess its temporary relocation and explore options for permanent construction. They inspected potential buildings for temporary relocation and instructed owners to complete necessary finishing work. The team also recommended a joint technical analysis of land behind the school for permanent construction.
- A meeting of DHC S&R Expert was held with Director Social & Resettlement WAPDA on 18-05-2023 about the finalization of Check list for Soniwal community files. The file was finalized with consensus of Director S&R and allowed to prepared files accordingly. Director S&R also directed to revise the cost estimate sheet of 14 files of Soniwals so the proper approval may get from WAPDA. The revised Cost estimate also submitted to WAPDA during the month.
- On 18-5-2023 a grand Jirga (Consultation meeting) was held with the resettling AHHs of RV Chuchang-01 & 04. Agenda of this meeting was to provide the water from the water supply of both RVs to WAPDA offices & Colony Chuchang. The agenda point was discussed and deliberated in detail. One group Mr. Abdul Sattar etc. gave their consent for the provision of
- Water connection to colony while Mr. Badan & Muhammad Jan group denied by arguing that the water quantity is not enough and we the resettling AHHs shall face water shortage specially in winter season. The RE infrastructure section and the responsible of S&R section tried to inculcate the participants with technical grounds that the quantity water is enough if they provided to WAPDA colony the resettling AHHs shall face no water shortage but again they took time think further on the matter.
- Prepared Project Allowance sheet of 35 AHHs of Seer Gayal village especially land component "Gayal Nullah to Kandia Start point" on 19-05-2023.
- SMR Working Committee reviewed 08 shareholder files of RAR-01 area and papered the reply of given comments and resubmitted to SMR Review & Scrutiny Committee on 19-05-2023.
- From 22nd to 30th of this month the S&R team organized joint monitoring visits to all seven ongoing RVs. Work was found on RV Chuchang-01 & 04 by the contractor KGL, while the same contractor has also started work on the external water supply scheme and fencing at RV Khushi-01& Khushi-0-2 link-01.
- On 22nd May, the S&R representative participated in the Review & Scrutiny Committee (RSC) 71st meeting reviewed and scrutinized the ESMR files pertaining to various components and submitted to quarter's concern for further necessary actions.
- A joint team comprised Advisor for Social & Resettlement WAPDA, Social & Resettlement Expert and RE Infrastructure DHC visited Kaiga village on 31st may 2023 and conduct a meeting with Kaiga community for allowing water pipeline and water rout to Nasirabad

resettlement site 1&2. The meeting was attended by the influential of Kaiga village and they did not allow water pipeline and rout to Nasirabad RVs 1&2 and saying that we are rival tribes, enemies of each other and killed 3-4 persons from each tribe.

7.3 Public Consultation and Participation

Major activities carried out under Public Consultation and Participation Section during the reporting month are briefed as below:

7.3.1 Public Consultations Regarding Resettlement Sites

Construction work on seven priority sites remained in progress during the reporting period. The Public Consultation and Participation (PC&P) Team remained engaged in resolving social issues mainly regarding under construction resettlement sites. Consultation team provided its support in resolving the issues related to design or any conflict between contractor and community during the construction activities. The basic aim for these meetings was to discuss the issues or concerns of the community and resolve these issue with input from technical team.

- A meeting was conducted on May 31, 2023 at PMU Jirga hall, chaired by Colonel Khalid, with the Khushi 2 community regarding the provision of water to Khushi RV-1&2 from the spring water at Khushi. During the meeting, the community agreed to the construction of a water tank and the provision of spring water, but they had certain demands:
 1. The ESMRs must include the AHHS of Khushi 2 link 2, as their RV could not be constructed due to technical reasons.
 2. Since they are building their houses near Khushi 2 link 1, they requested a connection for water supply. They also mentioned that spring water should not be supplied to RV-1 until the AHHS residing near the spring have been relocated.

The community was informed that the matter would be discussed with DG SS for further actions.

7.3.2 Public Consultation Regarding Other Components/Construction Sites to Resolve Issues

Consultation and Participation team also extends its support for other construction components i.e., Roads, TL, PCCI and Gender Implementation. During the reporting period no issue was emerged to be referred to PC & P.

➤ PCI-01:

A meeting was held with owners of main water source of Chuchang on May 18, 2023 to discuss the provision of water for the WAPDA Colony. The community was briefed about the agenda and proposed usage of water from the Nullah. This is the same source, which is being used for water supply to Chuchang Resettlement Site-1 and 4. The community told that the water availability is inadequate and hardly sufficient for their domestic and agricultural use. It is further added that the water usage rights are divided among them and shareholders have limited time to fetch water for their own use. Thus upper Chuchang community refused to allow water supply to colony.

On May 18th, 2023, another meeting was held with the Lower Chuchang community for the purpose of utilizing spring water. The community agreed to this proposal, but they had certain demands that needed to be fulfilled. In order to address their demands, a technical assessment visit was conducted on May 20th, 2023, with the Infrastructure team. The assessment confirmed that the spring water was sufficient for the WAPDA colony. To finalize the matter with the concerned community, another consultation meeting was held on May 28th, 2023, during which the community presented the following demands regarding the provision of spring water.

1. WAPDA must pay 3 ESMR packages which were rejected due to non-verification of houses (the houses were demolished earlier due to construction of KKH-01 on verbal communication with WAPDA).
2. The community demanded for 10 jobs in WAPDA along with monthly compensation of Rs. 2 Lac or 05 jobs and one time compensation of Rs. 100 Million.

The community said that they get almost 1.2 ton of wheat from cultivation using this water source. So the compensation is demanded in that regard.

➤ Seer Gayal:

After the calculation of required area as per the area of existing masjid decided in last visit, a join visit was again conducted with Infrastructure, Geology, Roads and Survey sections on 31st May, 2023 for finalization of land for the relocation of historical Masjid of Seer Gayal. Community early

proposed 02 sites for the needful among which one site above RAR-2 was declared technically suitable/feasible for construction of masjid by Geology team. Detailed report of the proceedings carried out in this regard shall be submitted to the quarter concern.

7.3.3 Other Major Activities Carried Out during the Reporting Month

Public Consultation and Participation section of DHC extended its services with Land Acquisition Cell (LAC) to assist Sub Registrar for completion of documents for private registration deeds to acquire land for various components i.e. Shatial Nullah to End Point Area 3, Shatial Nullah to reservoir end Point Area 4 and Gul e Bagh Area 1.

The mentioned components have been ongoing activities for the past 5 to 6 months due to land acquisition through private negotiation. Despite acquiring the previous components, the AHHS (Affected Households) of the mentioned components, particularly the Gule Bagh community, are hesitant to sign the deed. This is the only remaining component of phase-3 since 2021. The PC&P team, in coordination with LAC, has been actively working to persuade the AHHS to sign the deed.

7.4 Income and Livelihood Restoration Program (ILRP)

ILRP is no more under the scope of DHC and has awarded to the new Consultants (NESPAK) along with the implementation of Local Area Development Program (LADP). The consultants have taken over ILRP and have prepared revised plans and methodology. The component will further be reported by the new Consultants from the next month and section will be deleted from DHC Report.

The position of Junior Livelihood Professional was proposed to be re-designated as “Jr. Resettlement Professional”, which was approved during the reporting month and Junior Livelihood Professional is now working as Junior Resettlement Professional.

Under ILRP, DHC was engaged in conducting component-wise survey and preparing report on the “Utilization of Compensation Money”. The purpose of these surveys/reports was two-fold: First to recognize, how compensation money is utilized by Project Affected Persons (PAPs) for the development of sustainable income and restoration of livelihood means within the available opportunities and options in the project area. Secondly, to outline the opportunities which are available with the project and need of technical skills in establishing sustainable entrepreneurship for the PAPs. The survey/report presents results on the intentions/perceptions of affected communities to utilize compensation money in terms of “who wants what” and how to utilize the compensation amount productively. This was important because unexpected huge amounts were disbursed to PAPs due to DHPP and “Rocks have turned / turning into cash” & new income generating opportunities are emerging if spent / invested wisely. Table below shows the details of completed and submitted reports. DHC, by the end of the contract, prepared and submitted 13 reports on 39 components to WAPDA.

7.5 Local Area Development Program (LADP)

The implementation of LADP was started in 2019. A total of three priority batches covering about 54 schemes has been finalized. two scheme “Solar Street Light at Komila & Dasu and Construction of new RCC Bridge at Jalkot Nullah” are completed; while four more schemes (Rehabilitation of Rural Health Center, Jamia Mosque, Komila, Sanitation and Sewerage system at Komila and Dasu (SSKD) and PKG 01 road Schemes) were awarded in 2020-22 and are under construction.

The implementation of LADP has now been assigned to the new consultants (NESPAK Consultants). The contract has been commenced and a team of consultants has started their work. The Team of NESPAK Consultants is directly reporting to the Employer and the World Bank. In this regard, a number of meetings were held with the Director General Social Safeguard and the World Bank during the reporting month. The consultants had prepared their work plan and shared with the Employer. The team will start preparing the monthly progress report soon and report directly to the Employer and the World Bank. Thus, the section will be deleted from DHC Report.

7.6 Public Health and Gender Implementation Plan (PHIP)

The Public Health Implementation Plan has also been included in the scope of new LADP Consultants (NESPAK). Meetings of WAPDA S&R Team including Assistant Director Public Health with the representatives of new consultants regarding the new arrangements were held during the month. The activities under this component are being supervised by the Director General Social Safeguards in assistance with Director S&R and Assistant Director Gender and community Health (WAPDA). From now onward the NESPAK Consultants will report the monthly progress of this component.

7.7 Gender Implementation Plan (GIP)

GIP Team carried out the following activities during the reporting month.

- Skill Development Course is in the final stages of completion and a total of 24 participants, (women and girl) have been able to complete their two months course. Participants have learnt various skills i.e. drafting and pattern making, dress designing, embroidery, hand bags and pouches making, ribbon work and frame making etc. Participants have completed this pilot course with full commitment. This is the very first success in respect of women access to and benefit from project activities. Pictures of products are at the end of report.
- Gender Awareness and sensitization 'Participants hand Book' in Urdu reviewed and is now at final stages.
- To promote healthcare and hygiene in the project area and to ensure that women have access to prenatal, postnatal and delivery services at local level, DHC has taken initiative to select local women for Lady Health Visitor (LHV) course. Local women will have full command over the local language and cultural dimensions. Women of the project area will be able to avail health services more confidently at their door step on regular basis.
- LHV course is at initial stages and till now, a total of 35 candidates available after advertisement and their documents are collected. Approval Letter from Secretary Health has been received, while from Pakistan Nursing Council is in the final stages as PNC body was dissolved and elections are completed during the month. Further steps with Provincial Health Services Academy (PHSA) are under process. In this connection some alternate private institution in Abbottabad is also visited for the same course.
- In May, 2023, follow-up coaching sessions with key religious leaders were conducted as a regular practice for maintaining their interest and active involvement. These religious are under conceptualization stage of wide spread implementation of literacy courses for women, men and girls. A continue counselling is effectively underway with district khateeb and other key Ulema. District Khateeb is fully motivated and now looking for practical steps, viable in Kohistan. Once these ullema come forward in the implementation process, communities will agree to focus on their women and girls' education.
- In order to promote women and girls literacy in the project areas, a proposal for the Literacy Course (10 months) for Bari Rango Village had been developed, finalized and approved by WAPDA. Finally approved budget has been transferred to National Commission on Human Development (NCHD) for launch of course at Bari Rango Village.
- A ten months implementation plan for Bari Rango literacy course has been developed in collaboration with NCHD, Teacher Trainer has been selected from district Shangla. Bae Line Assessment Format has been developed in Urdu.
- Follow-up sessions with local activist have been conducted for maintaining the spirit among their respective communities especially candidates identified for Lady Health Visitors Course (LHV) and Literacy Course at Bari Rango Village., and further upgradation of skill development course in KUz Chuchang village.

7.8 Implementation of Communication Plan

Following major activities were carried out during the reporting month

- Communication Team remained engage in public dealing in the Public Information Centre and sharing information regarding Dasu HPP with local community and general public.
- Preparation of Contents for Digital Display Screen is a continuous activity. New content selected and modified for SMD have been displayed after approval from the management.
- Coverage of different events and meetings remained in progress during the reporting month, communication team also captured photos of different sites for updates on the progress.
- Coverage of the different project activities for information of all the stakeholders through social media pages of Facebook, YouTube etc. (continuous activity).
- Updated project progress on Dasu HPP website, updated content and published new events on project website.
- Worked on case for provision Pick & Drop facility for School going children on 15 different routes”.
- The production of mid-term documentary through WAPDA CSR team is in process.

7.9 Independent Grievance Redress Committee (IGRC)

The IGRC activities remained in progress. Out of total 364 complaints / grievances received by May 2023, 363 (99%) were resolved. Only one case regarding property/utility damages or safety is in process. IGRC received two applications during the reporting month.

Additionally, IGRC also received six complaints regarding ESMR cases from Director General Social Safeguards, which were forwarded to different SMR-Implementation committees for their comments.

7.10 Migration Management

Major activities related to In-migration Management were carried out by the In-migrant Management Section during the reporting month (May 2023). These mainly included visits to the Contractors' camps for resolving emerging labor issues and awareness campaigns to implement code of conduct.

Workforce data of all contractors as well as DHC and WAPDA was entered in MIS till the last month (April 2023). Based on the workforce data received from various contractors and other organizations a total of 6,368 workers/staff were estimated. Out of the total (6, 368); 3,012 (47%) were locals, 2,657 (42%) were non-local nationals, and 699 (11%) were foreigners. A total of 34 females were working on the project during the reporting month which is almost 1 percent of the whole workforce.

Following table shows the details of the in-migrants at Dasu:

In-migrants at Dasu Site											
S.No	Components	Contracts	Locals			Non-Locals		Foreigners		Component wise Total	Total
			Male	Female	Male	Female	Male	Female			
1	WAPDA/ LA&AU	WAPDA-DHHP	201	292	0	0	0	493	493		
2	DHC	DHC-DHPP	231	131	2	28	0	392	392		
3	CGGC	MW-01	1045	561	0	217	10	1833	4043		
		MW-02	916	653	0	204	16	1789			
		RAR-02	112	24	0	22	0	158			
		KKH-02	130	69	0	63	1	263			
4	CCECC	RAR-01	90	39	0	13	1	143	868		
		KKH-01	166	466	0	90	3	725			
5	CGICOP	PCI-01R	27	178	0	12	1	218	218		
6	KGL	DASU-RV	13	61	0	0	0	74	74		
7	PCCCL	TL-01	47	24	0	15	0	86	86		
8	IKAN	LADP	3	45	0	0	0	48	48		
9	MSC	Consultant	15	8	0	1	0	24	24		
10	NESPAK	LADP Consultant	3	12	0	0	0	15	15		
11	GE-PC (JV)	EM-01	13	92	0	2	0	107	107		
Total			3012	2,655	2	667	32	6,368	6,368		

Data of security forces (consisting of Frontier Constabulary, Frontier Core, Police, WAPDA /Private security guards and Dir Scouts (QRF)) were also collected during the reporting month. This data was collected through the law-and-order representative (Deputy Director Security (Social), WAPDA office. A total of 851 security personnel has been engaged for DHPP during the reporting month as mentioned in the table. (30 Persons from regular FC are not included).

7.10.1 Awareness sessions about Local culture and religious values for Expatriates

The detailed status of awareness sessions for expatriate workers is as under:

Sr.No.	Contractor Name	Location	Date	Foreigners	National	Total
1	CGGC	Kass Camp	27-05-2023	59	1	60
2	CGGC	Barseen Camp	28-05-2023	19	2	21
3	CGGC	Barseen Camp	29-05-2023	64	1	65
4	CGGC	Barseen Camp	29-05-2023	47	1	48
5	CGGC	Barseen Camp	30-05-2023	42	2	44
Total				231	7	238

7.10.2 Other Major Activities during the month

The following major activities were carried out during the reporting month:

- Meetings with the DHC management and WAPDA-PMU security department regarding the collection and updating workforce security clearance.
- Meeting with HR Representative of M/s CCECC on 03-05-2023 regarding correct and timely sharing of workforce data.
- Meeting with HR Representative of M/s CGGC on 07-05-2023 regarding correct and timely sharing of workforce data.
- Field visit to M/s CGGC camp at Kass regarding monitoring and inspection of worker's facilitation at camp and work site.

- Field visit to M/s CGGC camp at Kaiagh regarding monitoring and inspection of worker's facilitation at camp and work site.
- Conducted 06 awareness sessions with M/s CGGC foreign staff regarding cultural and religious values and COC.
- Updating data and summarization of data regarded to Technical/Non-Technical staff.
- Collection and Updating workforce data including security clearance for security clearance purposes as per the instruction and advice of management.
- Preparation and submission of Monthly Progress Report of Migration Management for the month of May-2023 to the Communication section and for further submission.

7.11 Internal Monitoring and Evaluation (M&E)

Responsibilities of M&E Team includes data management, monitoring of compensation payments & temporary relocation payments, monitoring of field activities of S&R and Environment Teams, supporting MIS development work on daily basis, and preparation of M&E and other section reports. Following major tasks were carried out during the reporting Month.

7.11.1 Monitoring of Compensation Payment Process at DC Office

By the month of May 2023, a total amount of PKR 19.79 billion was paid, including PKR 19.457 billion to 8,109 PAPs through 11,998 cheques and PKR 245.240 million deposited to court for disputed cases. While PKR 27.717 million and PKR 65.598 million paid directly to FWO and PTDC respectively.

S. No.	Components	Status by previous month			Status during reporting month			Grand Total
		# of PAPs	# of CHQ	Amount (In Billion)	# of PAPs	# of CHQ	Amount (In Billion)	
1	All Components	7,966	11782	19.147	146	216	0.31	19.457

During May 2023, an amount of PKR 307,656,618/- was paid as compensation payment to 146 PAPs of 08 components. A total of 216 cheques were issued by DC office during the reporting month. Component wise detail of payment is given in table below:

Sr. No.	Component	PAPs	Cheques	Amount
1	Access Road to Resettlement Site 01 Area 04 Kuz Chuchang	1	1	36,768
2	Dogah End Point to Gayal Nala Reservoir Area File-1	100	149	161,009,573
3	KKH-01 Additional Land Barseen	1	1	5,593,395
4	KKH-02 Additional Land Looter to Shukrait Nalla Area 1A	1	1	159,238
5	KKH-02 Kaigah to Awai Area-1 (B)	1	1	346,158
6	KKH-02 Looter	8	9	612,805
7	KKH-02 Looter to Shukrait Nallah Area 1B (II)	3	4	601,970
8	LOR (Shatiyal Nullah to Reservoir End Point) Area-5	31	50	139,296,711
	Total	146	216	307,656,618

7.11.2 Monitoring of Lease & Compensation Payment Process Kass Area at WAPDA Office

During May 2023, WAPDA Accounts Section did not release lease payment cheque to any PAP. At the end of reporting month, a total amount of PKR 548.3/- million was paid to the PAPs as lease, compensation for built-up properties and trees.

S. No.	Components	Status by Previous Month			Status during Reporting Month			Grand Total
		PAPs	CHQ	Amount	PAPs	CHQ	Amount	
1	Kass Disposal Area-01 (File-01)	64	99	147.439				147.439
2	Kass Disposal Area-01 (File-02)	28	67	115.372				115.372
3	Kass Disposal Area-01 (File-03)	52	72	109.621				109.621
4	Kass Disposal Area-02	112	278	175.834				175.834
	Total	256	516	548.268				548.268

7.11.3 Accounts Adjustment Submissions to WAPDA

During the month, M&E team submitted summaries of 25 components for total amount of PKR 490,885,394/- for accounts adjustment. Team worked on finalization of supporting booklets after collection of signed Qabzul Wasools from DC Office and preparation of required copies of each book.

S. No.	Components	Status by Previous Month	Status during Reporting Month	Grand Total
		Amount	Amount	Amount
1	Final Summaries Submitted to WAPDA	18,821,487,872	490,885,394	19,312,373,266
2	Preparation of Summaries and Supporting Booklets	19,278,875,814	33,497,452	19,312,373,266

7.11.4 Monitoring of Temporary Relocation Payment (TRP) and Allowances to Affected Households

At the end of May 2023, a total amount of PKR 101,683,447/- paid as TRP to 210 RVs (PKR 90,828,554/-) and 86 self-opted (PKR 10,854,893/-) AHHs of 13 components. In addition, PKR 3,926,220/- were paid to 43 commercial structures of Barseen, Khushi, Siglo and Tailrace Kuz Chuchang Area.

Note: Out of 210 AHH who received TRP, 72 Opted for ESMR package and their TRP was stopped from date of ESMR Payment.

During the reporting month, Temporary Relocation Package were not released to any AHH. M&E team conducted a verification exercise, updated missing entries and corrected components in the database.

By end of reporting month, resettlement allowances released to 424 AHHs who already received their ESMR Package. A total amount of PKR 11.25/- million is paid on account of resettlement allowances.

During May 2023, resettlement allowances were paid to 01 AHH, total amount of PKR 22,901/- paid as resettlement allowance during the reporting period.

Sr. No.	Village Priority	By previous month		During reporting month		Grand Total	
		No. of AHHs	Amount	No. of AHHs	Amount	No. of AHHs	Amount
1	Priority I Villages	344	9,118,788	1	22,901	345	9,141,688
2	Priority II Villages	79	2,110,667	0	-	79	2,110,667
3	Priority III Villages	0	-	0	-	0	-
	Total	423	1,229,454	01	22,901	424	11,252,355

7.11.5 Preparation and Review of Files and Payment of ESMR Package

Preparation of AHHs files for the payment of Extended Self-Managed Resettlement (ESMR) Package remained in progress. During May 2023, a total amount of PKR 63.00 million paid as ESMR package to 18 AHHs. By the end of reporting month ESMR package was paid to 1,302 AHHs of batch-1, 2, 3 and 4, total amount paid on account of ESMR is PKR **4553.05** million.

S. No.	Batch	Total AHHs	By end of previous month		During reporting month		Total	
			Paid AHHs	Amount	Paid AHHs	Amount	Paid AHHs	Amount
1	Batch-1	84	78	269.10	0	0.00	78	269.10
2	Batch-2	960	555	1942.45	8	28.00	563	1970.45
3	Batch-3	966	613	2145.50	9	31.5	622	2177.00
4	Batch-4		38	133.00	1	3.5	39	136.50
5	Batch-5		0	0.00	0	0	0	0.00
	Grand Total	2010	1284	4490.05	18	63.00	1302	4553.05

7.11.6 Compilation of Compensation and Allowances Payment Data and Entry in MIS

M&E team entered cheques data and prepared summary tables in Excel. Scanned data of compensation payments including scanned ID cards, cheques and photos of PAPs receiving compensation payment was organized and uploaded on MIS servers. Following activities were carried out during the reporting month:

- Data entry of land compensation payments in MIS from received Qabzul Wasool remained in progress. During reporting period data entry of 11,998 (97% of total cheques/Qabzul Wasools) have been entered in MIS. Data entry of remaining Qabzul Wasools is in progress, a backlog of 324 Qabzul Wasools recorded by end of the reporting period.
- Total 18 SMR cheques issued to AHHs, all issued cheques were entered in MS Excel Database and MIS also.
- TRP payment was released to one AHH of Khushi to Logro components, the cheque was organized and entered in MS Excel and MIS database.
- Resettlement allowances cheques were issue to 01 AHH by end of reporting period, all these issue cheques entered in MS Excel database and updated summary tables.
- Compensation Payments Summary tables & progress reports were updated during the reporting month.

S. No.	Task	Status by Previous Month	Status During Reporting Month
1	PAPs Documents Organized	43,176	0
2	Compensation Payment Entry in MIS	11,430	244
3	Lease Payment Data Entry in MS Excel Database	516	0
4	PAPs Documents Uploading in MIS	23,111	0
5	TRP Cheques Entry in MIS	1,424	0
6	SMR Cheques Entry in MIS	1284	18

7.12 Development of Management Information System

The following activities were carried out by MIS team during the reporting month:

7.12.1 IGRC Reports

During the month under reporting, under the IGRC system, new reports were developed and integrated with the main MIS. This sub module covers source and type wise status and summaries of IGRC complaints for the selected period. All of these reports are automatically generating by providing the duration.

Following tasks were completed:

- Enhancement of security feature of the module,
- Development of summary level reports,
- Integration of developed reports in main reporting system

7.12.2 Upgradation of Land Acquisition reports:

During the month under reporting, Land Acquisition reports were developed/up-graded. Under this all component wise data of land acquisition and compensation payments system is developed to fetch information for specified report formats accordingly

Following tasks were completed:

- Development of new features for land reports
- Upgradation of Component Wise Reports
- Upgradation of Compensation Payment Tables

7.12.3 Upgradation of Resettlement reports:

During the month under reporting, under resettlement modules, existing reports were upgraded and few new reports were developed

Following tasks were completed:

- Development of household wise reports
- Upgradation of existing reports
- Upgradation reporting system module

7.12.4 Maintenance of Operational Modules

Maintenance, enhancement and technical support are being provided on regular basis. During the month under reporting, the maintenance and technical support was provided to already developed and operational modules.

7.13 Status of Key Performance Indicators (KPIs) of S&R Section (During the Month)

The Status of Key Performance Indicators (KPIs) of S&R Section during the reporting month is as under;

Sr. No	Key Performance Indicator (KPI)	Status by April 2023	Progress during May 2023	Remarks
Land Acquisition and Compensation Payment (LA&CP)				
1	Land Acquired (Acres)	4,830	77	Total land acquired 4,907 acres (96% of the total land)
2	Number of PAPs Compensated	7,966	143	Total PAPs compensated 8,109
3	Compensation Paid (Billion Rs)	19.143	0.31	In addition to this an amount of Rs. 245 M paid to courts and Rs.93.32 M, directly paid to PTDC & FWO
4	GIS Verifications Completed (Number of Components)	282	00	GIS Verification of all the components have been completed
5	GIS Verification Completed (Area of Components in Acres)	5039	00	
Resettlement & Relocation (R&R)				
1	Number of Resettlement Sites Completed	2	0	Two resettlement sites Uchar RV-01 & Chuchang Additional completed and handed over to the community
2	Number of HHs received TRP relocating to RVs	210	0	<ul style="list-style-type: none"> ➤ Out of 210 AHHS getting TRP, 72 have opted for ESMR and their TRP has been closed in 2022 after the ESMR payment. ➤ No AHHS out of 210 received TRP quarterly instalment during the month.
3	Total TRP paid to AHHS relocating to RVs (RS Million)	101,683,447	0	
4	Number of HHs received TRP relocating on SMR	86	0	All 86 AHHS have received their project allowances including ESMR allowances and have been relocated.

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Sr. No	Key Performance Indicator (KPI)	Status by April 2023	Progress during May 2023	Remarks
5	Total TRP paid to AHHs relocating to SMR (M. Rs)	10.854893	0	
6	Total TRP paid to AHHs (RVs+SMR) (RS Million) (3+5)	112.538340	0	
7	New ESMR paid (No. of AHHs)	1284	18	
8	New ESMR paid (RS Million)	4490.05	63	
9	Allowances Paid to Owners of Commercial Structures (RS Million)	3.92622	0	Including dislocation, Shifting and Covered Area Allowance per square meter
➤ Public Consultation and Participation (PC&P)				
1	Number of Consultation Meetings Conducted	816	06	Various meetings were conducted regarding ESMR Package.
2	Percent issues / disputes resolved	90	35	The resolution of remaining issues in progress
3	Number of PAPs participating in consultation meetings (Approximately all (100%) PAPs were consulted during Planning & Design Stage)	91	39	PAPs from related villages presented during the meetings
4	Percentage of their suggestions taken into account	86	68	The suggestions regarding design changes are sometimes difficult to accommodate
➤ Income and Livelihood Restoration Program (ILRP)				
1	Number of UCM components Completed & submitted	13	---	13 reports prepared & submitted to WAPDA.
2	Number of UCM components (survey completed and reports in progress)	--	---	----
➤ Gender Implementation Plan (GIP)				
1.	Number of Gender Sensitization Sessions(coaching and dialogues) Conducted with CGBT / WVVCs	26	2	Two sessions have been carried out in Kuz Chuchung with women village committee to ensure their support for the women activities i.e. skill development course.
2.	Number of Skill development courses started	01	01	This Pilot course is in the final stages of completion and a total of 24 participants have completed the course with full enthusiasm, with avg of 95 % Attendance. Learnt various skills
3.	Number of Schools Covered under Health & Hygiene Program	02	0	Purchase of items for Health and Hygien kit have been started, draft implementation schedule is prepared.
4.	Number of Project Staff (including Contractor's staff) Benefited from sensitization trainings/coaching sessions	92	3	Three coaching sessions are conducted with local staff of DHC. To explore the interventions with women in SEO. The staff member is motivated to create awareness in his village for contacting women.
5.	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	04	3	List of third batch is developed and is forwarded for approval to PMU WAPDA.
6.	Number of Ulemas Benefited	99	3	Individual coaching sessions are found more practical and action oriented.
	Number of Coaching sessions conducted with Ulema	23	3	Three coaching sessions have been conducted with three key Ulema for mentoring them wide spread implementation of literacy course through including religious leaders.
7.	Percent of women using health facilities in project area	43	4	Figure is updated from the meeting with health department and visit to RHC, Dasu.
➤ In-Migrant Management Plan / Management Plan for Construction Related Impacts (IMMP)				
1	Total Staff working on DHPP	6,404	6,368	Workforce data includes staff (including labor) of all contractors, DHC, and WAPDA
2	Local Staff working on DHPP	3,007	3,012	
3	Non-Local Staff working on DHPP	2,661	2,657	
4	Foreigner Staff working on DHPP	736	699	
5	Number of Awareness Sessions on CoC Conducted with Community	00	00	
6	Number of Awareness Sessions on CoC Conducted with Local staff /Workers	00	03	Local staff includes management staff and laborers with contractors.
7	Number of Awareness Sessions on CoC Conducted with Foreign Workers	00	06	These sessions have been conducted for the foreign staff of Ms. CGGC at different camps.
8	Number of Total Participants in Awareness Sessions	09	299	
➤ Communication Plan (CP)				
1	Baseline Documentary for socio-economic situation	Completed	-	
2	Number of IEC Material prepared and printed	24,000	-	It includes printed copies newsletter and flyers & brochures related to S&R sections including IEC material on Covid-19
3	Number of Quarterly Newsletters prepared and issued	02	-	Preparation of third & fourth newsletter in progress
4	Number of Awareness Sessions conducted with various target groups of community	12	-	Awareness about DHPP to school teachers, students and community representatives
5	Number of Exposure visits organized	02	-	No visit during the reporting month
6	Arrangement of NADRA Van for registration of unregistered PAPs (number of rounds)	02	-	NADRA Van was arranged two times (2017 and 2020) and registration of 690 PAPs (80% Women) was completed
7	Provision of Pick & Drop facility for school going children (M/F) in project area.	06	-	06 vans arranged by WAPDA to pick & drop school children within project area
8	Installation of Digital display screen (SMD) in project area.	Completed	-	Screen installed in Komila Bazar to present key information regarding DHPP
➤ Internal Monitoring and Evaluation(M&E)				
1	Compensation Payments (in Billion)	19.170	0.31	
2	Compensation Payments Entries in MIS (Number)	11,782	216	

Sr. No	Key Performance Indicator (KPI)	Status by April 2023	Progress during May 2023	Remarks
3	Preparation of ESMR Files	1,978	0	
4	Release of ESMR Payment (in Million)	4490.05	63	
5	ESMR Payment Data Entry in MIS	1284	18	
6	TRP Payments (in Million) (AHs & Commercial Structure)	105.61	0	
7	TRP Data Entry in MIS (Number)	1,424	0	
8	Preparation of Compensation Payment Summaries for WAPDA Submission (Million)	19.28	0	
9	Submissions of Compensation Payment Summaries to WAPDA for Adjustment (Million)	18.82	0	
10	PAPs Documents Organization (Number)	43,126	0	
11	PAPs Documents Uploading in MIS (Number)	23,111	0	
12	Development and Operationalization of MIS Developed Modules	11	0	
13	Number of Internal M&E (SRMP & EMAP) Reports	11	0	
14	Lease Payment (Amount in Million)	548.27	0	
15	Lease Payment Data Entry in MS Excel Database	516	0	
> Development of Management Information System (MIS)				
1	Total Modules developed	16	0	Web portal & Communication are merged into one M&E and Reporting system are also merged into one
2	Number of Modules Completed	12	0	Land Acquisition, Resettlement, IGRC, LADP, IMM,PH, Reporting System, Web Portal, Lease, Gender, PC&P, Communication
3	Number of Modules Partially Completed	04	0	Environment, Downstream Reports
4	Number of Modules in Progress / Up-grades	01	2	OHS
5	Number of Remaining Modules (Development yet to be started)	1	1	Ecology
6	MIS Development Work Completed (%)	87	87	This percentage is for overall MIS development activities.

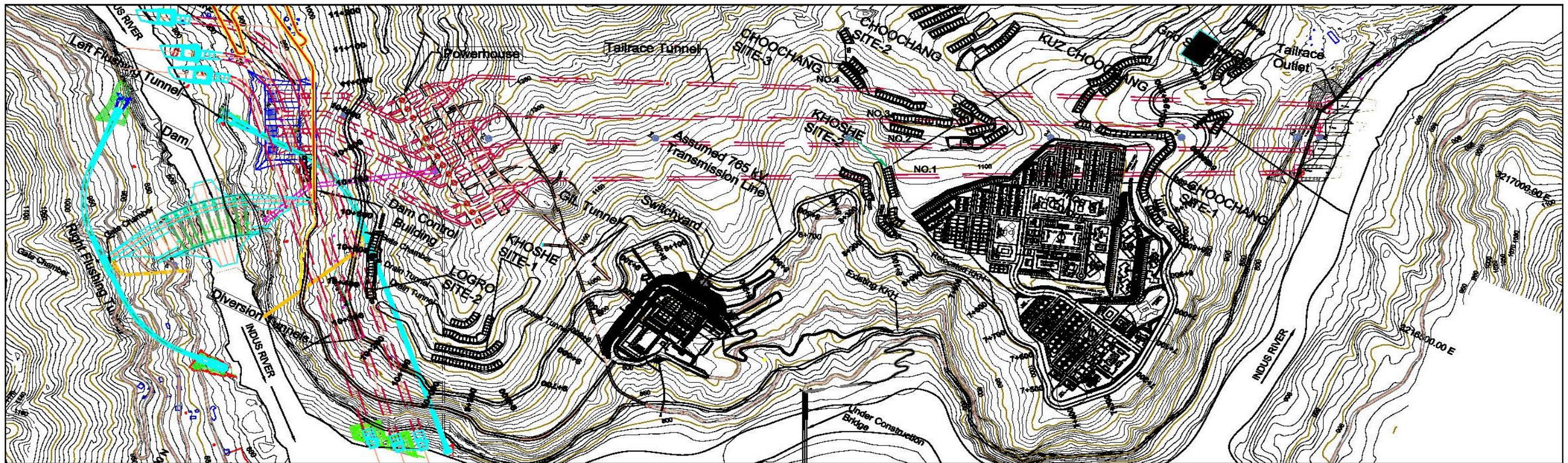
7.14 Implantation Plan of S&R Teams for Next Month

Sr. No	Activity	Timeline	Status / Remarks
> Land Acquisition and Compensation Payment (LA&CP)			
1	Digitization of rectified revenue record received from LAC	Continuous Tasks / Activities Delivered as per agreed timelines as well as urgent requirements	About 97% of land has been acquired so far. Land leasing of Kass is in progress. Compensation payments in progress.
2	GIS verification of targeted components as per timelines		
3	Preparation of Corrigendum u/s-4 for submitting to WAPDA & LAC		
4	Verification of cost assessments of land and land based assets (Trees & Built-up Property) of required components		
5	Update the status of LA and GIS verification for submitting to WAPDA		
> Resettlement & Relocation (R&R)			
1	Preparation of ESMR Files	Continuous	Various villages
2	Collection of document from Community for ESMR Files	Continuous	Continuous
3	Monitoring of under construction resettlement sites	Continuous	Visit to all ongoing site will be carried during the month
4	Preparation of TRP files and Distribution of TRP Cheque	Continuous	Payment to the beneficiaries who already receiving the TRP
5	Working on ESMR paid files	Continuous	Continuous
6	Matching AHs data of remaining villages with GIS Verified record.	Continuous	GIS verification of some villages is awaited.
7	Other Key Activities(Letter, meetings with WAPDA, Contractor and stakeholders)	Continuous	As needed
> Public Consultation and Participation (PC&P)			
1	Consultation regarding issues related to ongoing resettlement Sites (under construction)	Continuous	As and when needed – Resolution of pending issues will be continued
2	Consultation regarding any dispute/issue at other components of the project	Continuous	Consultation regarding technical issue arose (If any)
3	Consultation regarding submission of Documents for ESMR Files	Continuous	Consultation for submission of documents and to answer the queries of community regarding ESMR Package
> Gender Implementation Plan (GIP)			
1.	Visit to Kuz Chuchang skill development course for Monitoring and support of Skill Development Course for a group of 24 Women.	Third Week of June	Skill development course is in the final stages and a certificate distribution ceremony will take place. Learners are enthusiastically requesting for an advance level course to further upgrade their skills to compete with the market.
2.	Follow-Up sessions with selected Ullema, for the third batch of trainings to have their feedback for an updated course.	3rd Week of June, 2023.	Key Ullema will formally be introduced as executive body. Some key ulema will also play role of trainers for other religious leaders. Such regular and step wise gradual involvement of religious leaders will uplift the women access to project benefits.
3.	Gender Sensitization Session With CBGT/ WVCs in selected Villages	3rd Week of May,2023	Discussions on women skills development courses and their economic development through variety of skills and entrepreneurship at two villages has been done through local men activists.
4.	Gender Sensitization coaching sessions held with Various Target Group (PMU, DHC, Contractor and other Stakeholders)	4th week of June	Discussion with women on various skill development i.e. women role in income generation, education and improving health facilities.

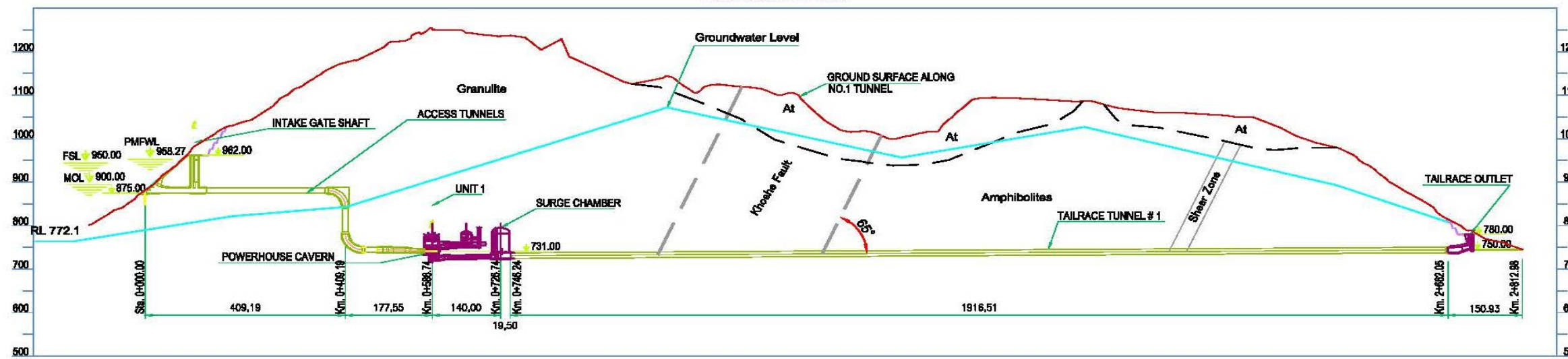
Dasu Hydropower Project
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Sr. No	Activity	Timeline	Status / Remarks
5.	Preparation of Implementing Plan on SH&HP for further villages and follow ups with the existing villages	2 nd and 3 rd week of May	HH, Kit composition has been finalized and is in process of purchases.
6.	Implementation on EPP Plan will be decided in GCW Meeting	2 nd week of June, 2023	Teacher Trainer has been identified and, teacher training will start from June 09, 2023.
7.	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	3 rd week of June	A formal course in Islamabad International Islamic University will be started in third week for the third batch of selected Ullama.
> In-Migrant Management Plan / Management Plan for Construction Related Impacts (IMMP)			
1	Collection of workforce data and entry in MIS	Continuous activity	
2	Awareness Sessions with Labor	Continuous activity	
3	Awareness Sessions with Foreign Staff	Continuous activity	
4	Awareness Sessions with Community	Continuous activity	
5	Camp Inspection	Continuous activity	
> Communication Plan (CP)			
1	Consultation regarding issues related to ongoing resettlement Sites (under construction)	Continuous	As and when needed – Resolution of pending issues will be continued
2	Consultation regarding new resettlement sites	Continuous	Consultation regarding technical issue arose (If any)
3	Consultation regarding LADP Schemes	Continuous	Consultation regarding Package III and IV schemes are scheduled
4	Consultation regarding submission of Documents for ESMR Files	Continuous	Consultation for submission of documents and to answer the queries of community regarding ESMR Package
1	Consultation regarding issues related to ongoing resettlement Sites (under construction)	Continuous	As and when needed – Resolution of pending issues will be continued
> Internal Monitoring and Evaluation(M&E)			
1	Submission of MPR on M&E Section	05-06-2023	
2	Preparation of Compensation Payment Summaries	30-06-2023	
3	PAPs documents uploading	Continuous	
4	Support in Development of MIS	Continuous	
5	Compensation and TRP Payments	Continuous	
6	Review of comments on ESMR Referred Back files from FVC and Remove Deficiencies	Continuous	
7	Resettlement Allowances Payments and Data Management	Continuous	
8	Monthly M&E Reports on SRMP (Jul and Aug)	10-06-2023	
> Development of Management Information System (MIS)			
1	Development of document uploading user level for OHS document management system	June 2023	Development of user access level for data user with restricted permissions
2	Meetings / analysis of Environment reports	June 2023	All features of OHS progress review reports to be discussed and analyzed
3	Technical Support / development of new features in existing modules if required	June 2023	Maintenance of developed and operational modules. It can include improvements in existing systems, addition of new features in existing modules as per requirements

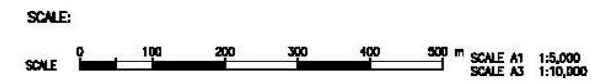
FIGURES



LAYOUT PLAN



WATERWAY PROFILE



DASU HYDROPOWER PROJECT



**CONSTRUCTION DRAWING FOR No.DASU-MW-01
 Dam and Appurtenant Structures**

**DRAWING TITLE:
 GENERAL
 GENERAL LAYOUT PLAN & PROFILE**

DASU HYDROPOWER CONSULTANTS DATE: 03 OCT 2018

DRAWING No. 111-003

Rev. No.	DATE	REVISION	Appr.
Prepared		Reviewed	Approved

Name: Kawagoe Toshio Name: Nishimiyu Hironobu Name: Iijima Motohiko

DHC
 JOINT VENTURE OF
 NIPPON KOGYO CO., LTD. and
 DOLBY ENGINEERING LIMITED
 In Association with
 DEVELOPMENT & MANAGEMENT CONSULTANTS,
 NATIONAL DEVELOPMENT CONSULTANTS LTD. and
 PAKISTAN ENGINEERING SERVICES LTD.

Figure 1: Layout Plan & Waterway Profile

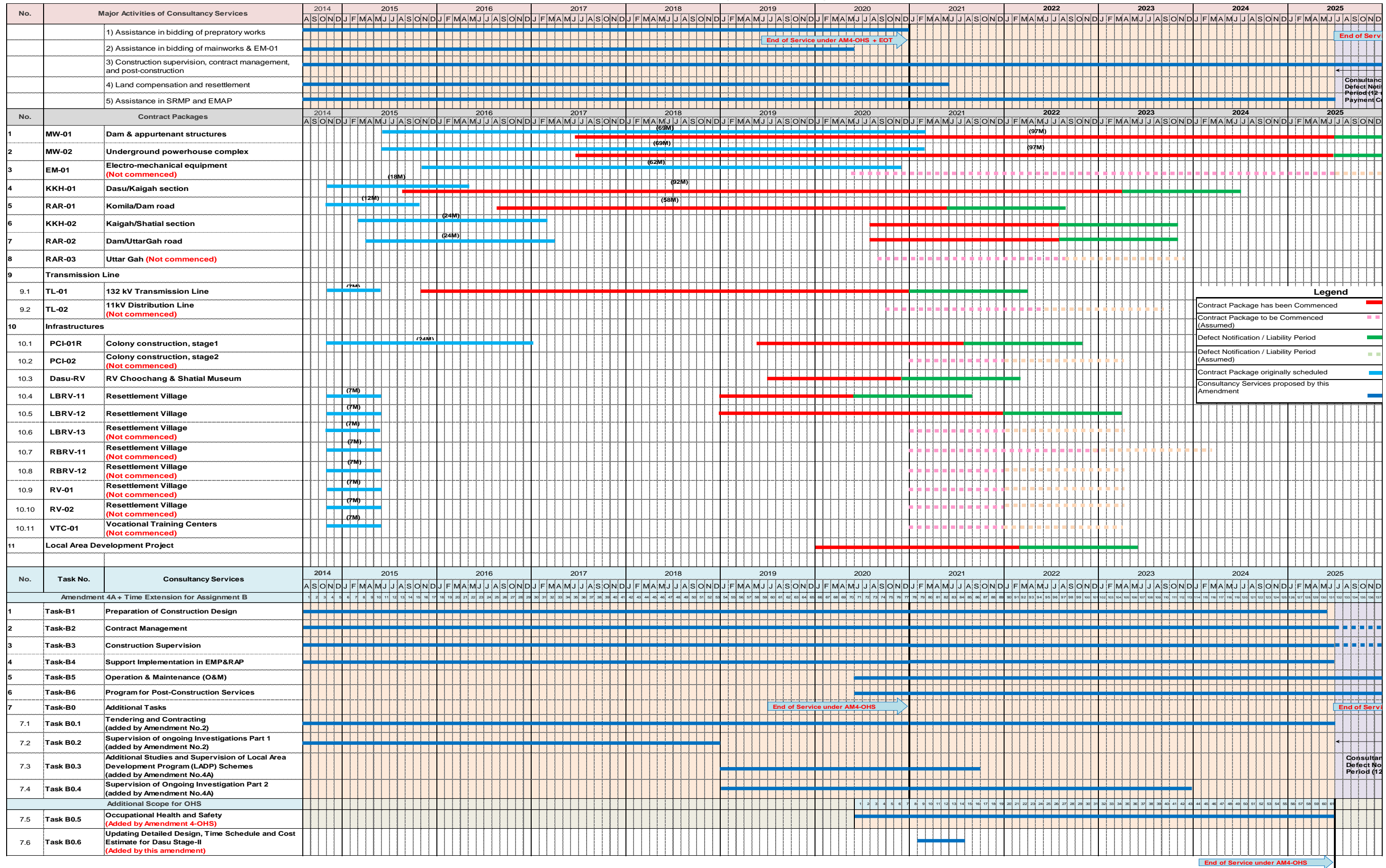


Figure 2: Implementation Schedule

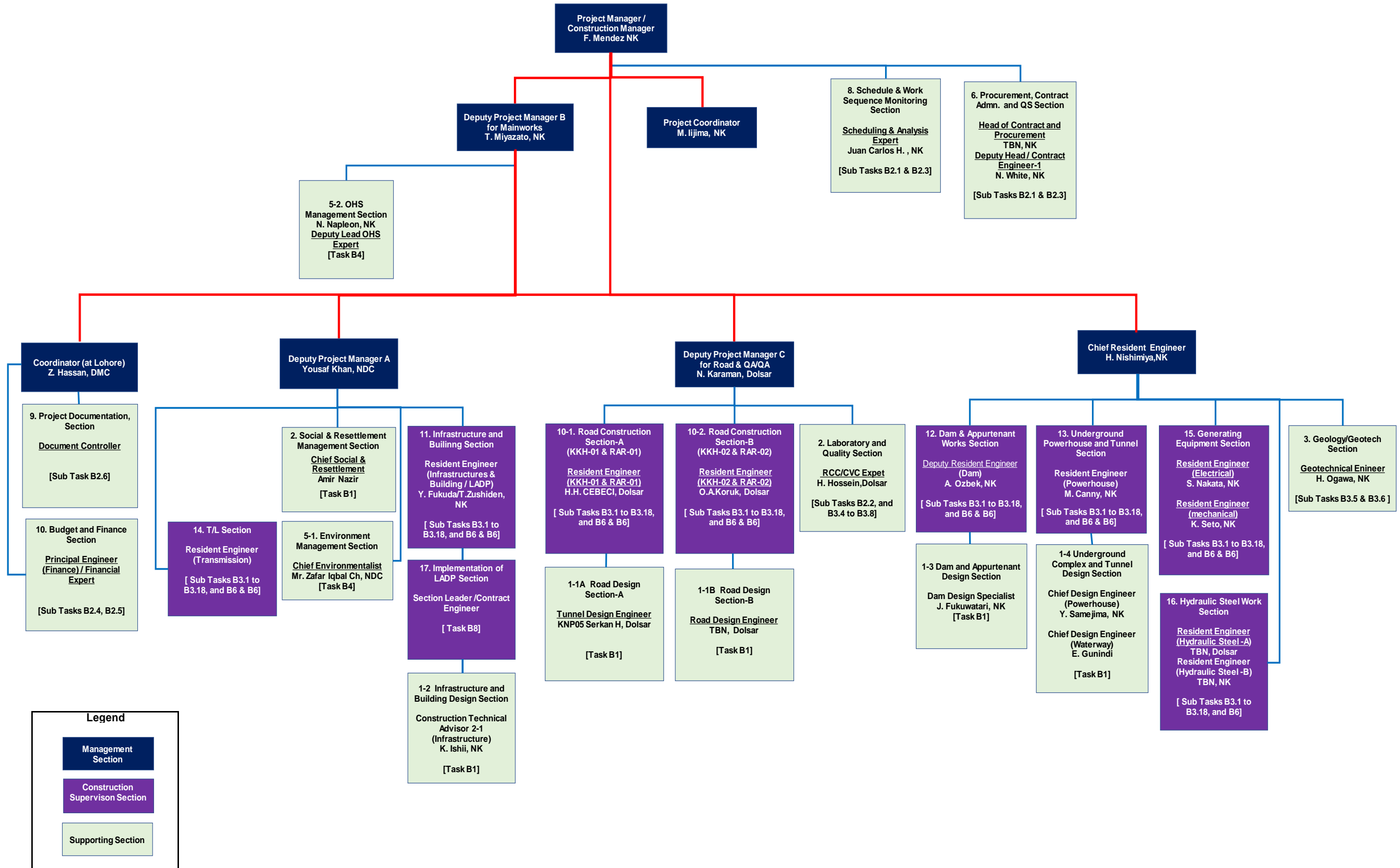


Figure 3: Organization for Consultant Team of Dasu Hydropower Project for Assignment-B

**Work Progress
Upto Reporting Month**

Sr. No.	Work Activity	% age	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
			ASSIGNMENT 1 to 5	January to December 6 to 17	January to December 18 to 29	January to December 30 to 41	January to December 42 to 53	January to December 54 to 65	January to December 66 to 77	January to December 78 to 89	January to December 90 to 101	January to December 102 to 113
	i) Assistance in Bidding of Preparatory Works	99%										
	ii) Assistance in Biddings of Main Works	98%										
	iii) Preparation of Construction Draw ings	65%										
	iv) Land Compensation and Resettlement	98%										
	v-a) Assistance in Social & Resettlement Management Plan	96%										
	v-b) Assistance in Environment Management Action Plan (EMAP)	92%										
1	Task-B0 Supervision of Ongoing Investigations	95%										
2	Task-B1 The Engineer during Assignment-B	55%										
3	Task-B2 Contract Management	60%										
4	Task-B3 Construction Supervision	58%										
5	Task-B4 A) Support in Implementation of Resettlement Action Plan	88%										
6	Task-B4 B) Support in Implementation of Environment Management Plan	57%										

SCHEDULE —
PROGRESS - - -

Figure 4: Work Progress

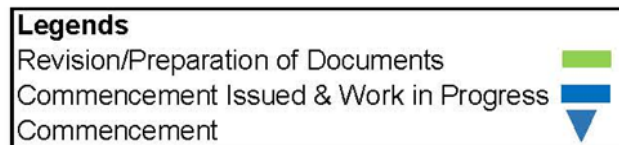
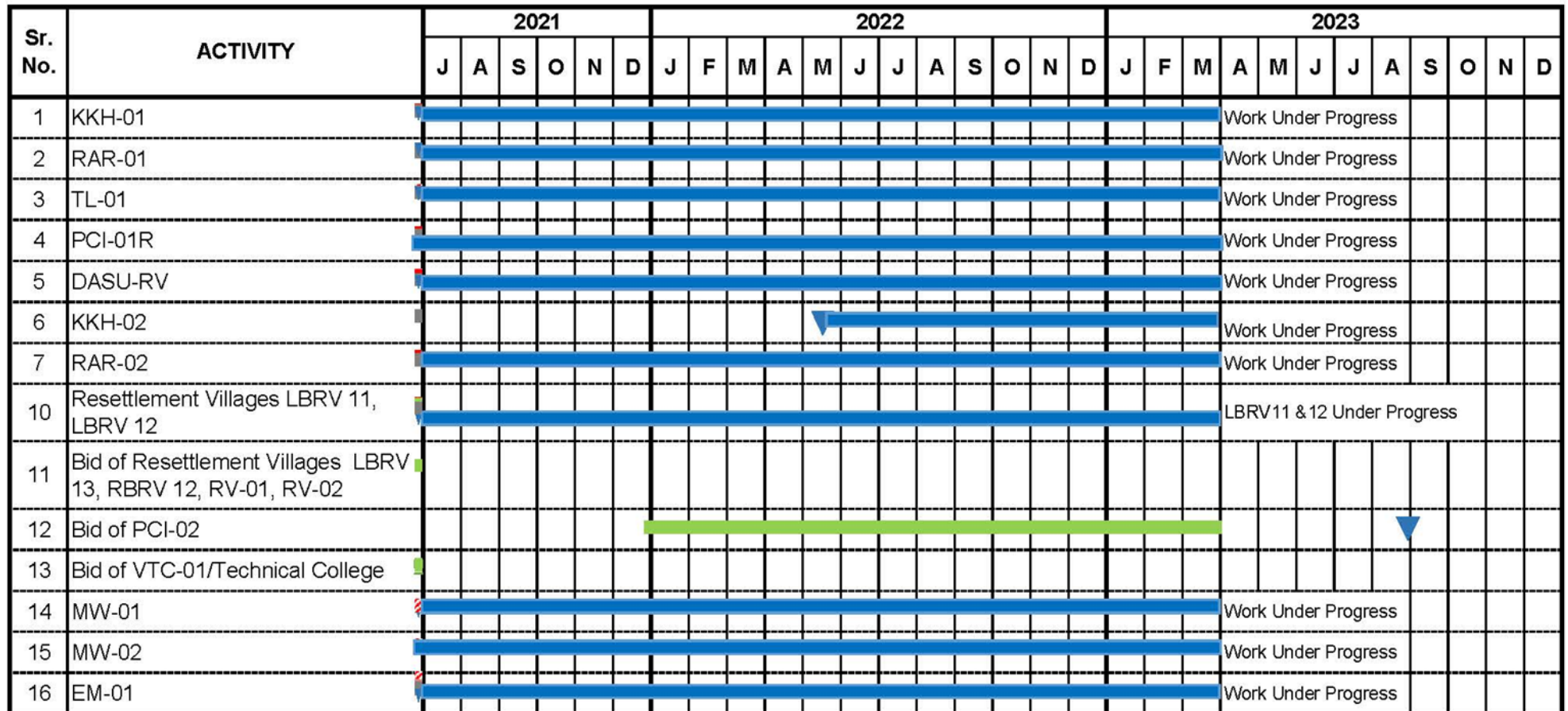


Figure 5: Contracts Procurement Schedule

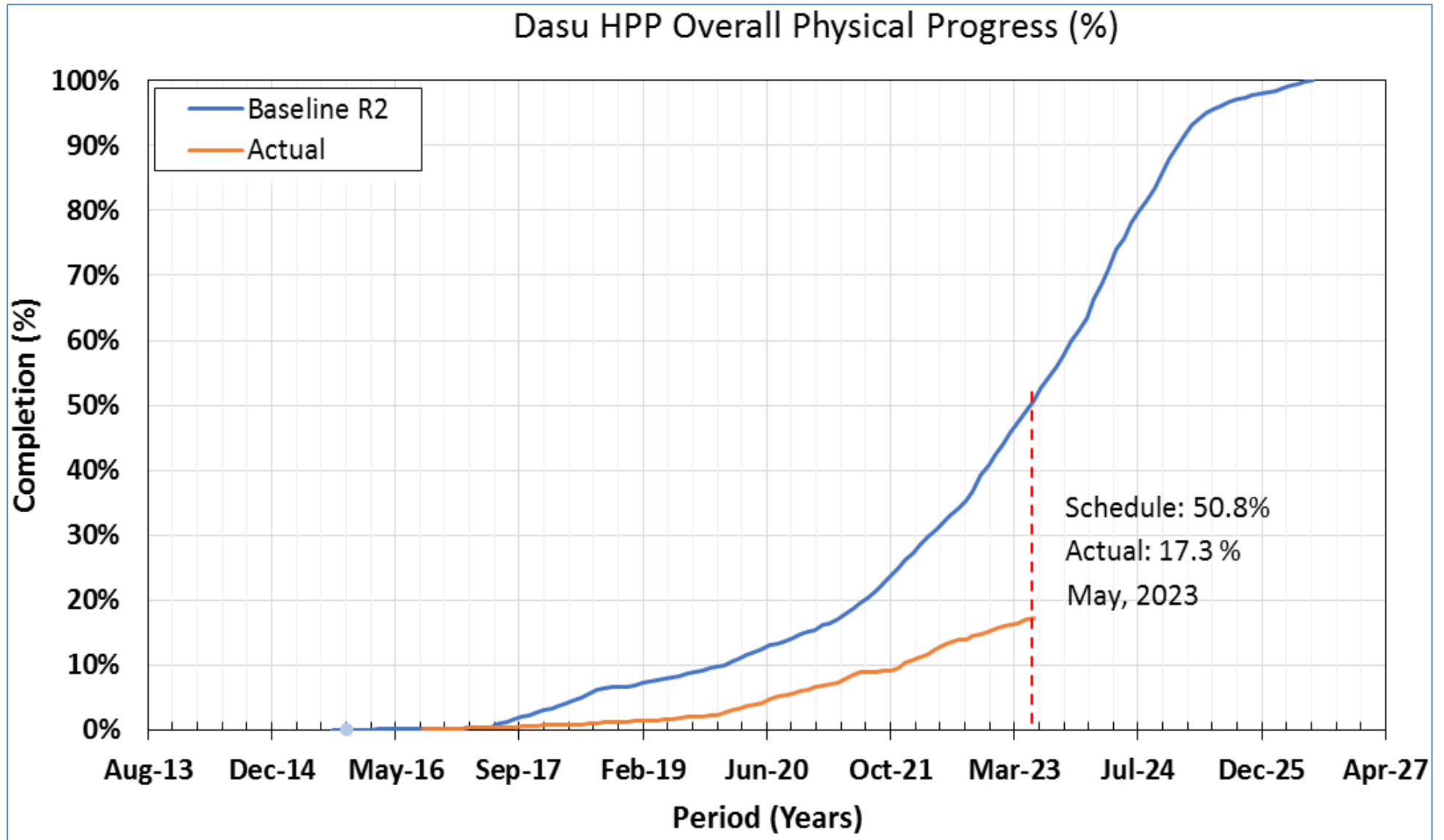


Figure 6: Dasu HPP Overall Progress (Physical Progress)

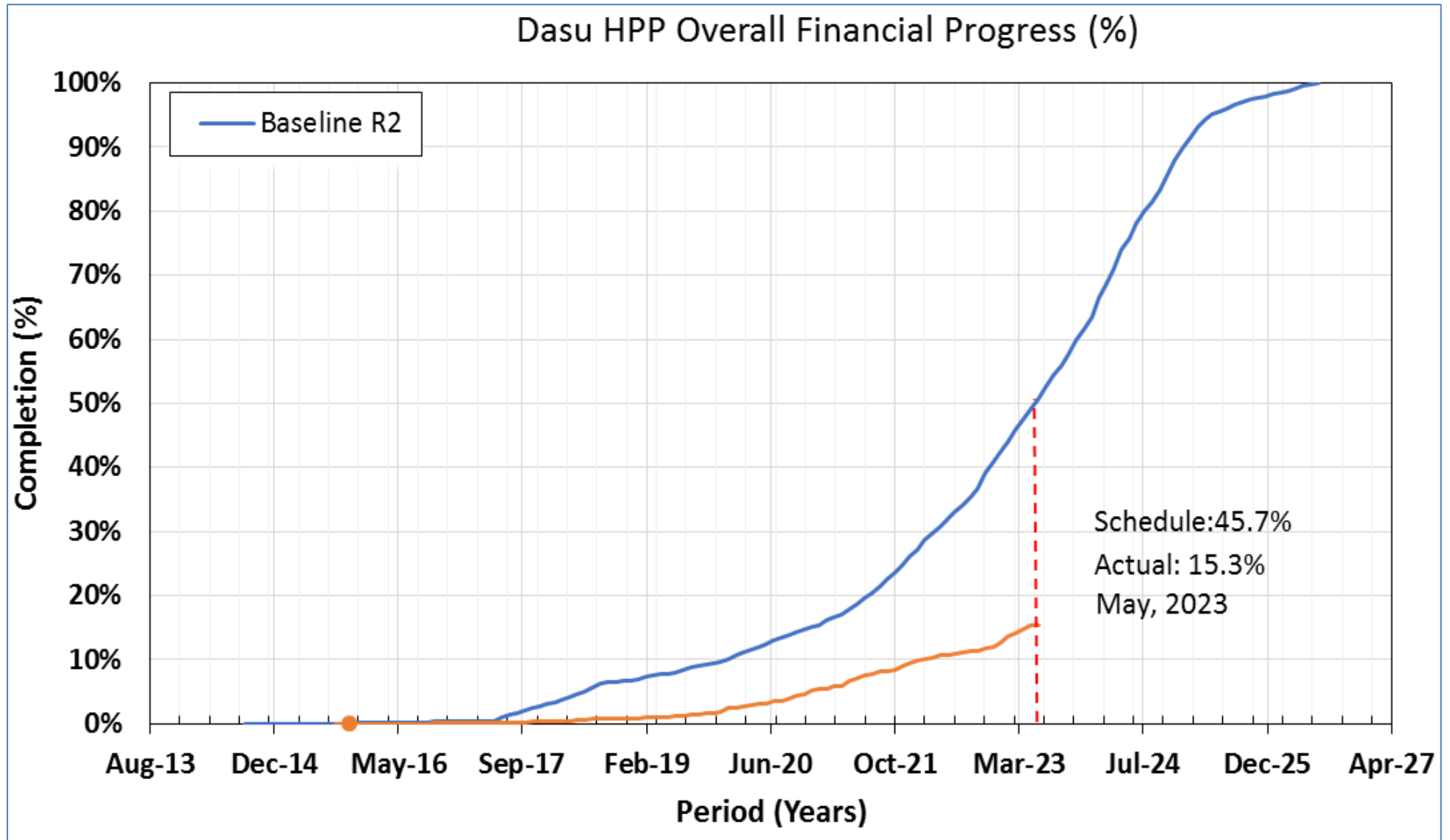


Figure 7: Dasu HPP Overall Progress (Financial Progress)

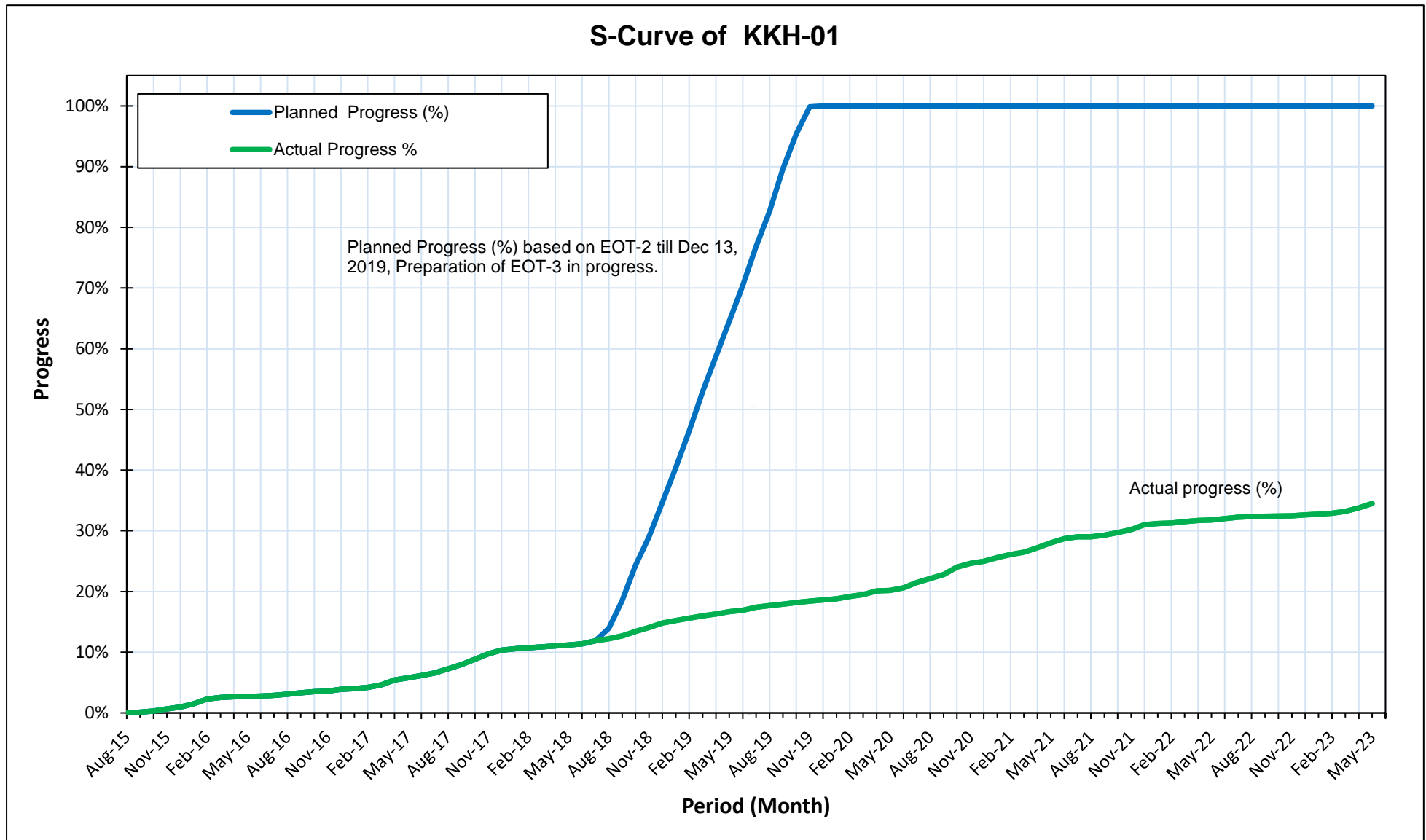


Figure 9: S Curve for Dasu-KKH-01

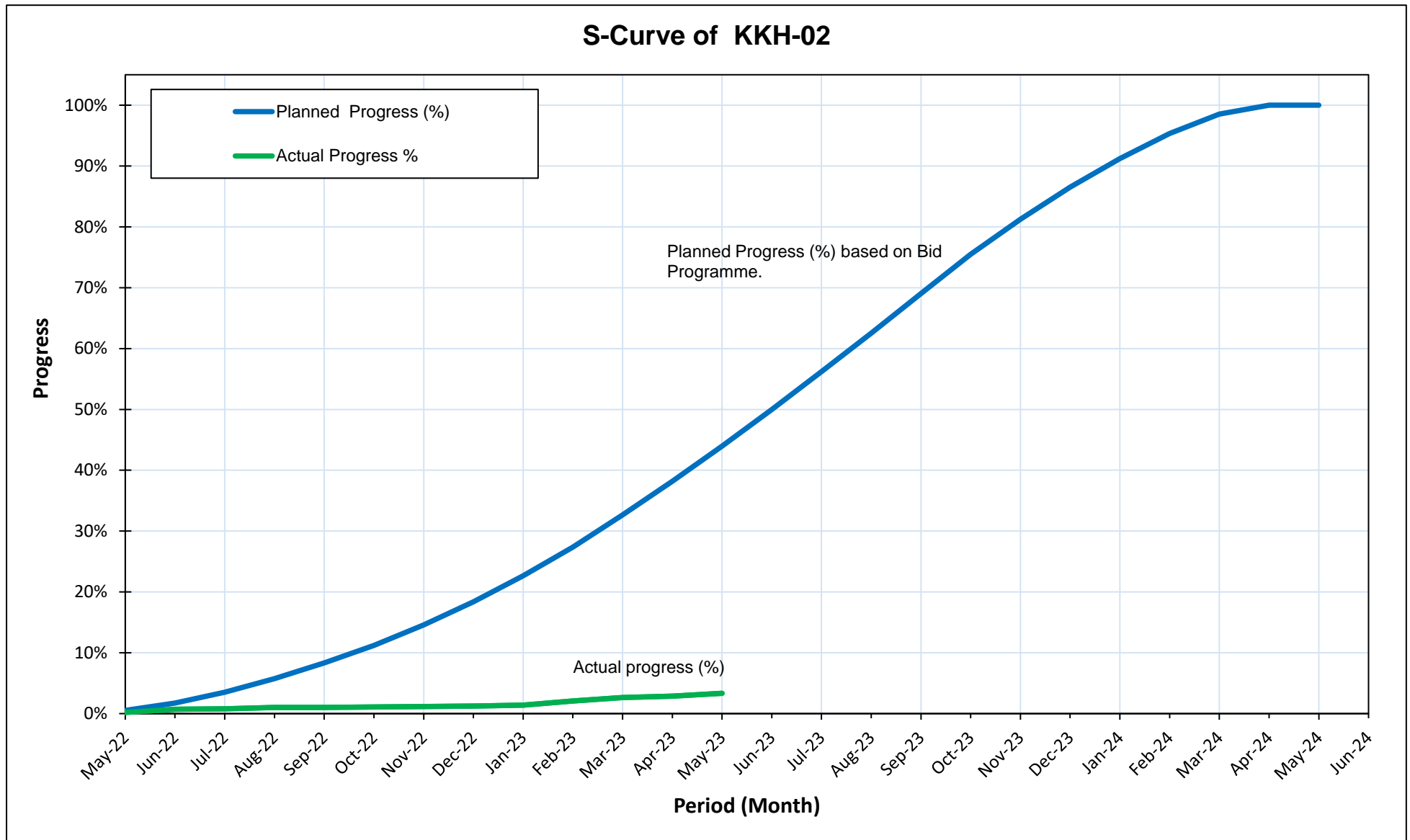


Figure 10: S Curve for Dasu-KKH-02

Figure 11 [1/6]

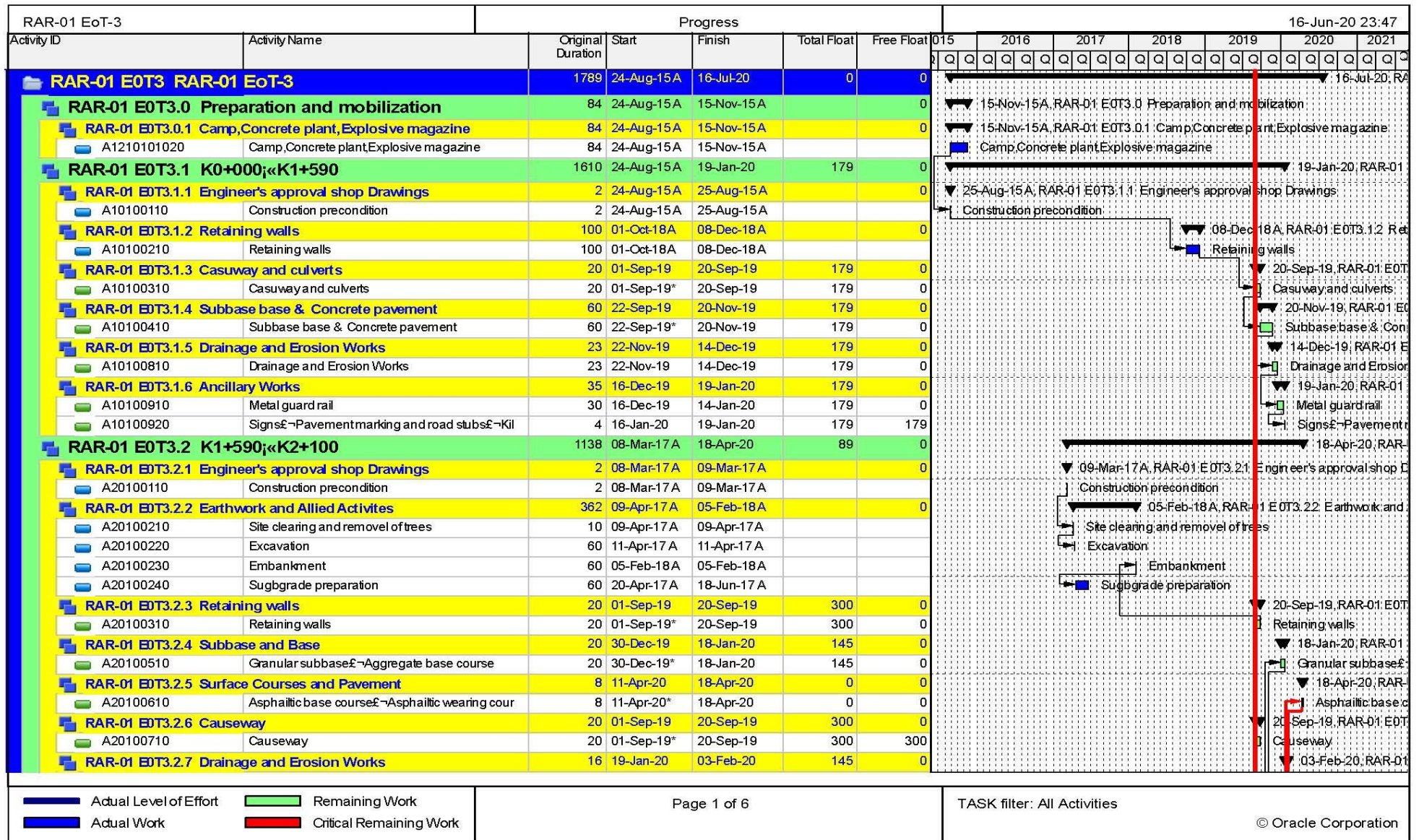
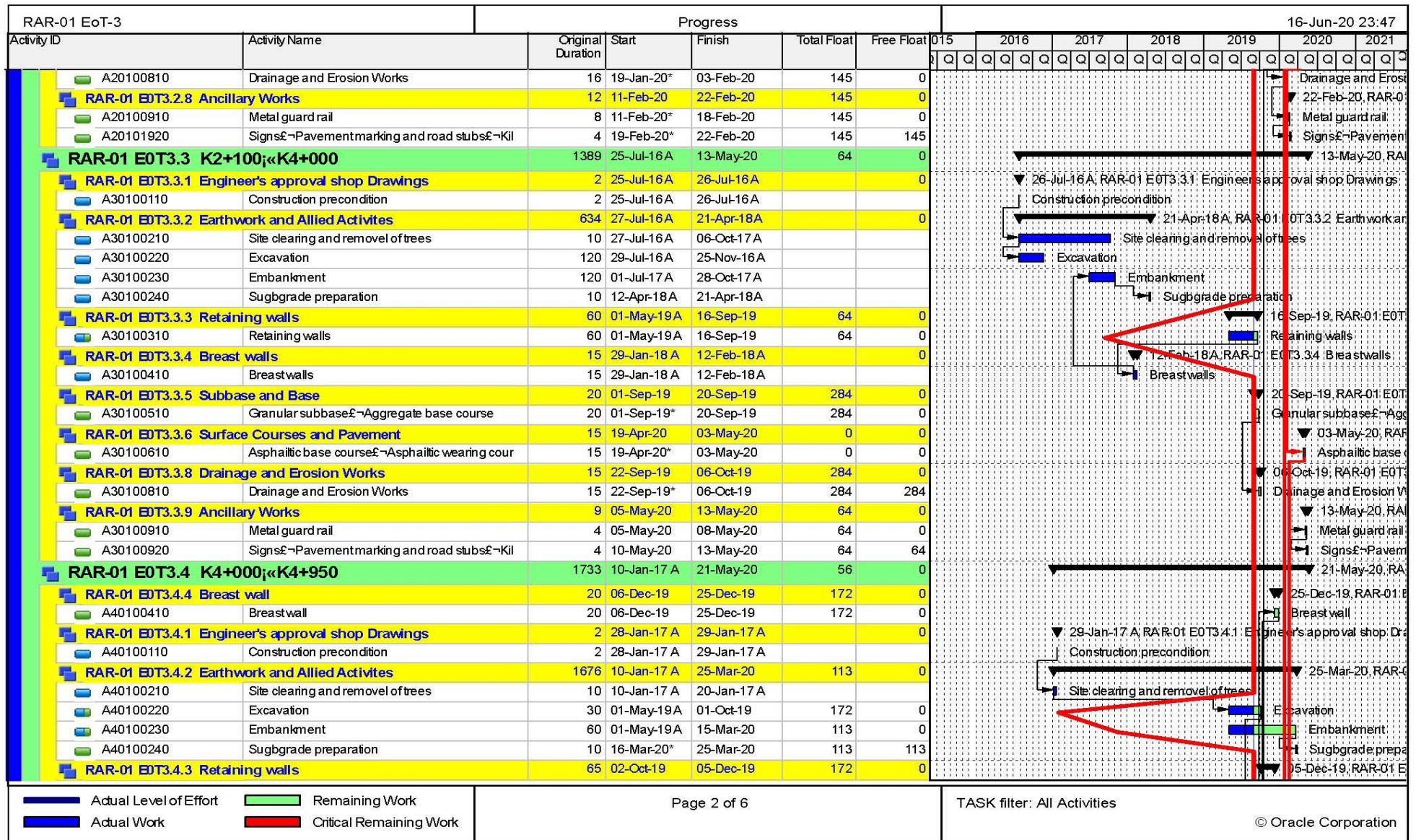


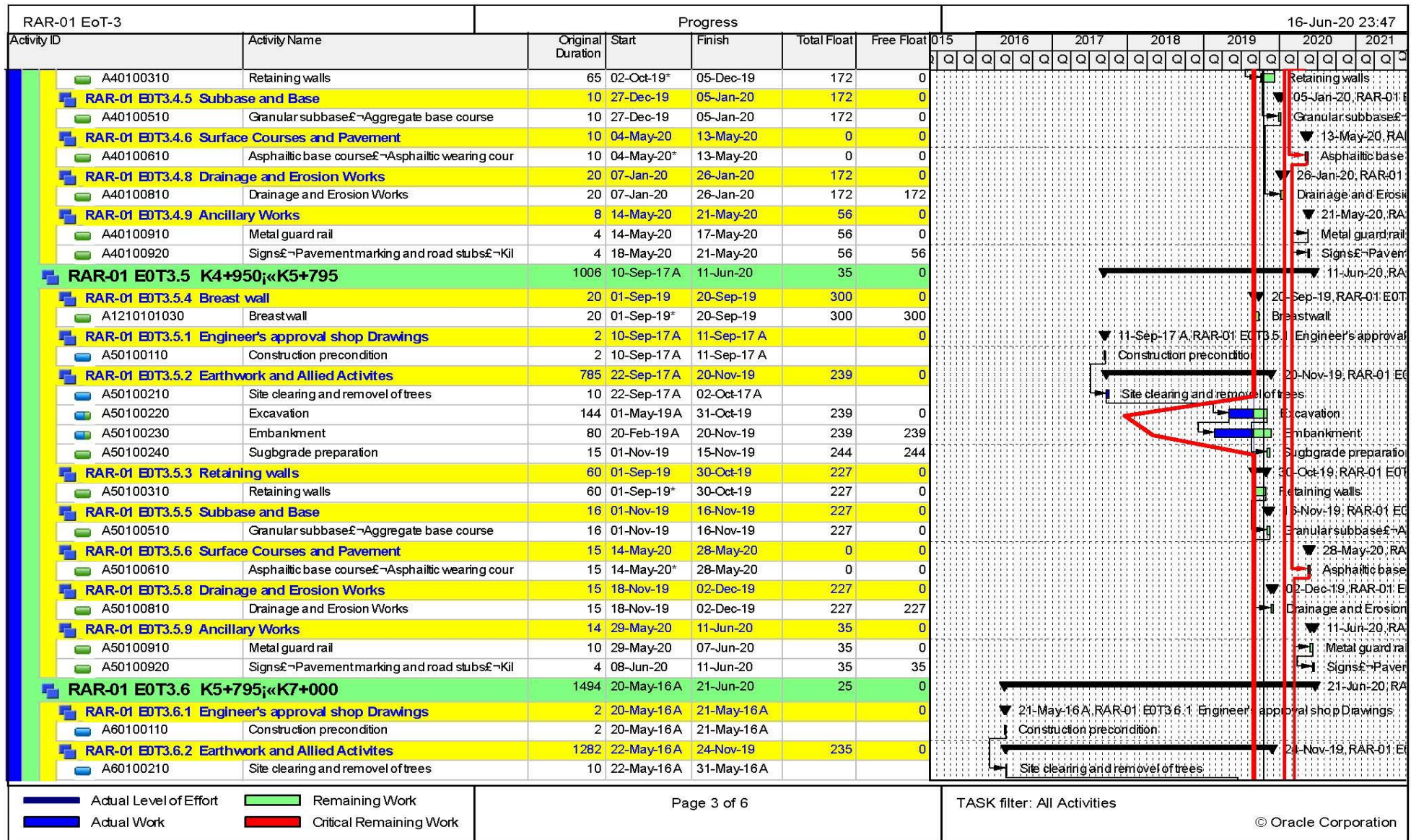
Figure 11: Gantt Chart of Dasu-RAR-01 (1 of 6)

Figure 11 [2/6]



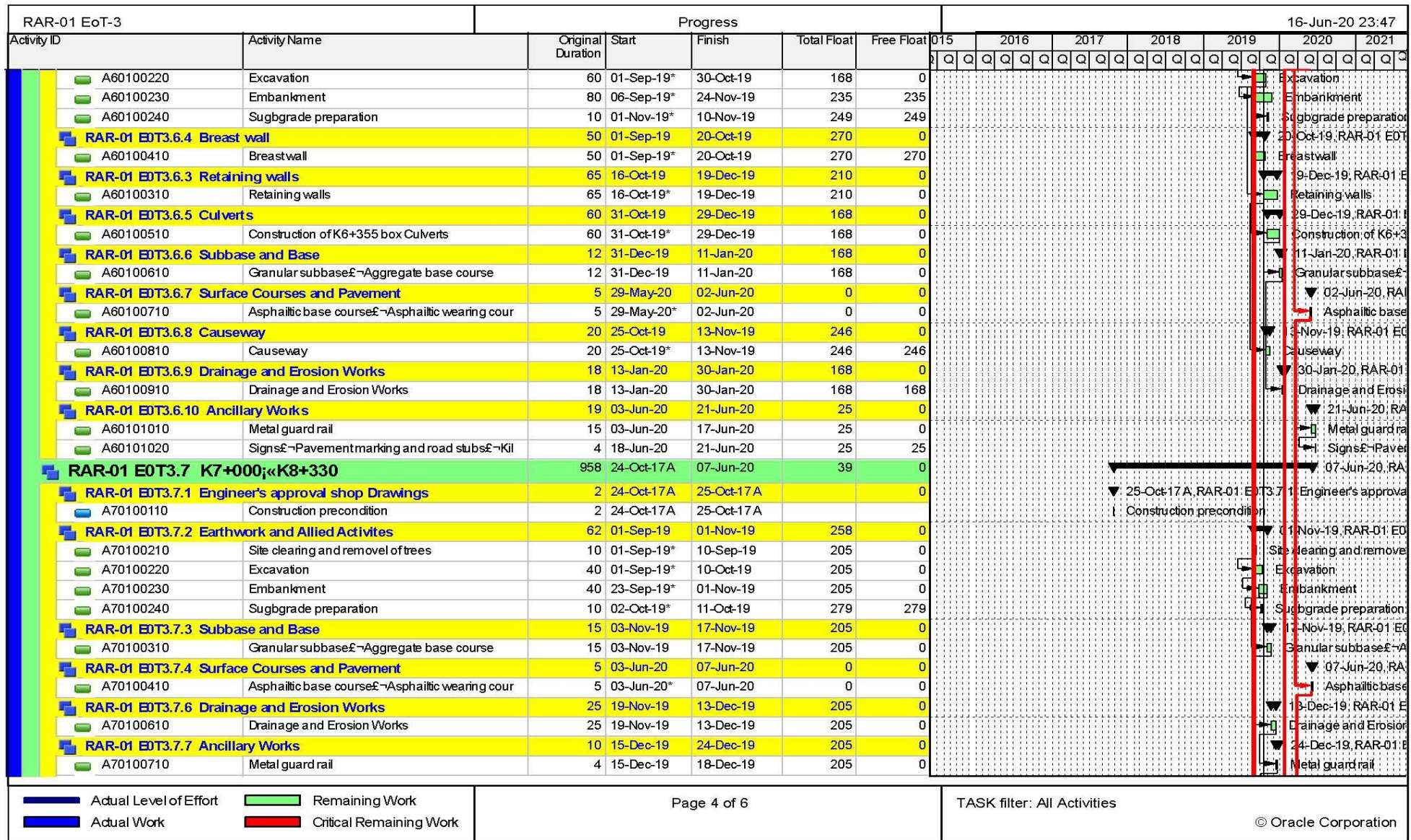
Gantt Chart of Dasu-RAR-01 (2 of 6)

Figure 11 [3/6]



Gantt Chart of Dasu-RAR-01 (3 of 6)

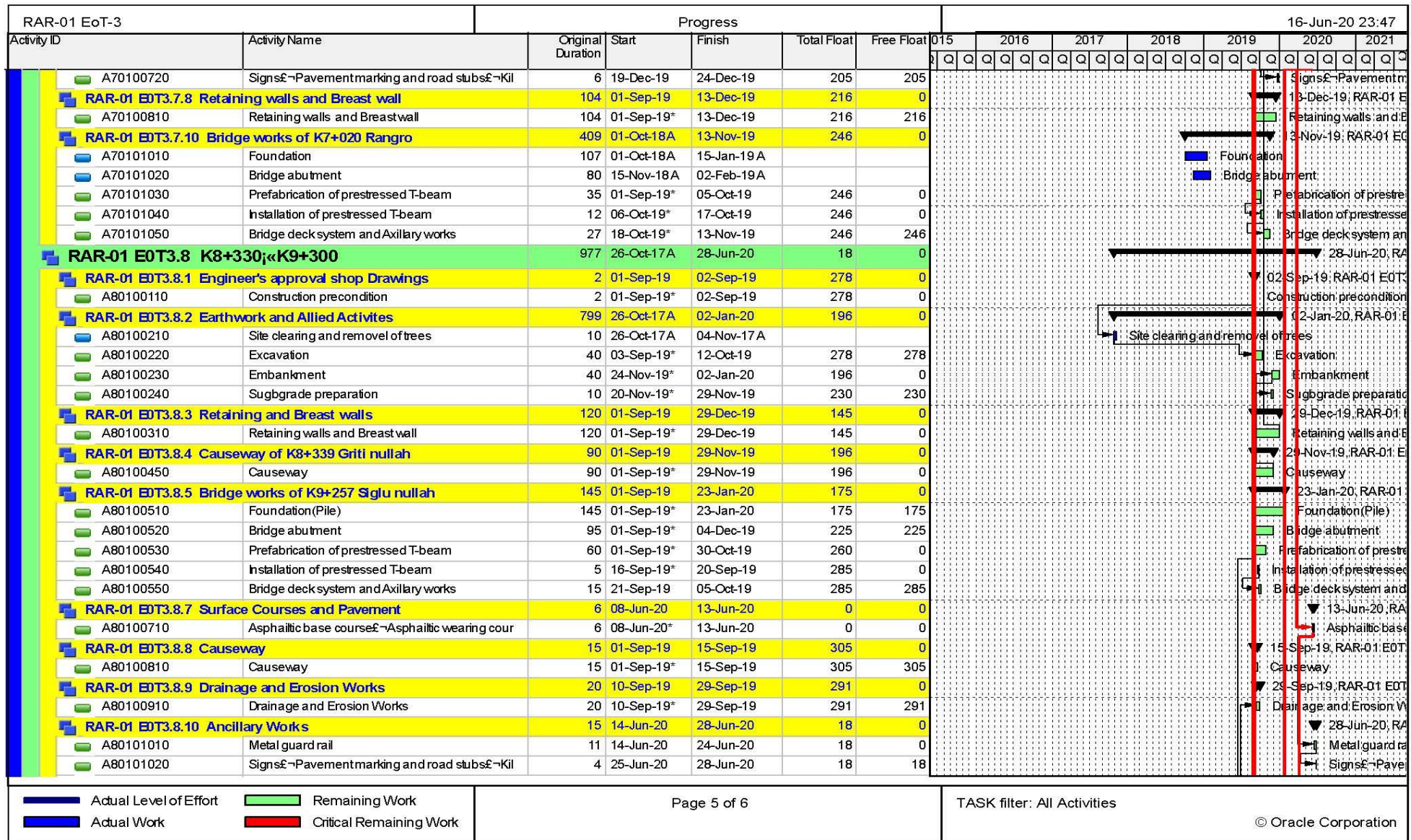
Figure 11 [4/6]



■ Actual Level of Effort ■ Remaining Work
■ Actual Work ■ Critical Remaining Work

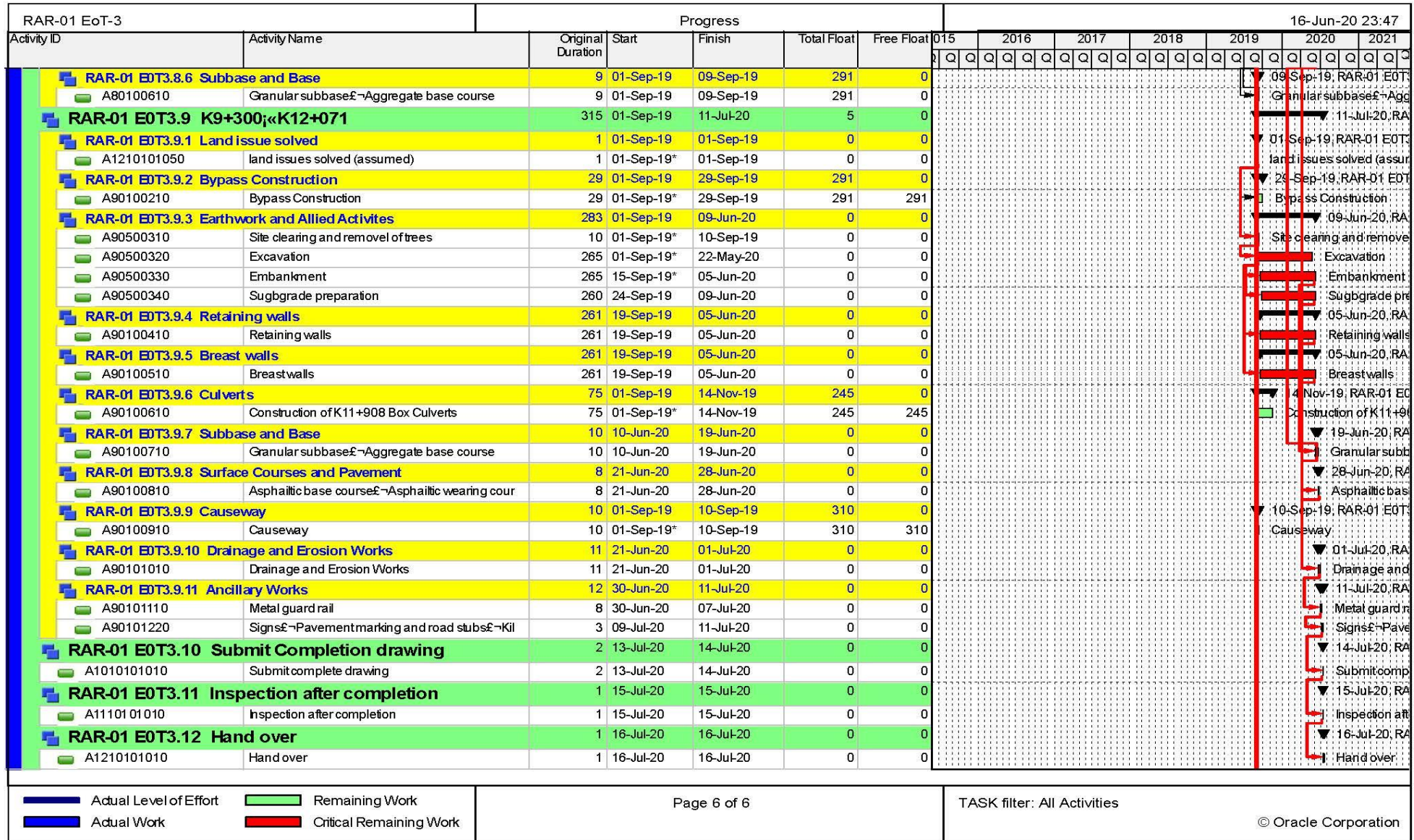
Gantt Chart of Dasu-RAR-01 (4 of 6)

Figure 11 [5/6]



Gantt Chart of Dasu-RAR-01 (5 of 6)

Figure 11 [6/6]



Gantt Chart of Dasu-RAR-01 (6 of 6)

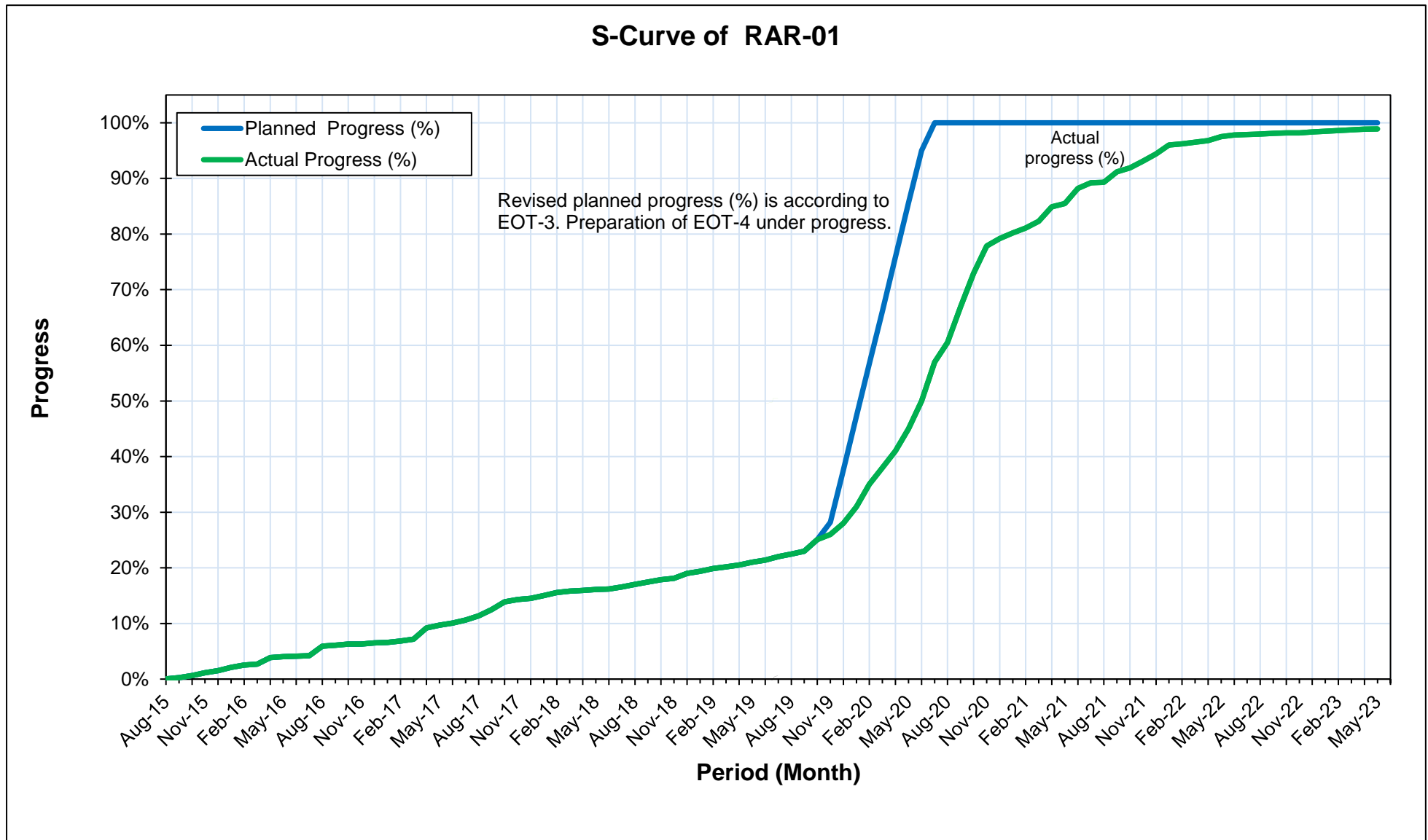


Figure 12: S Curve for Dasu-RAR-01

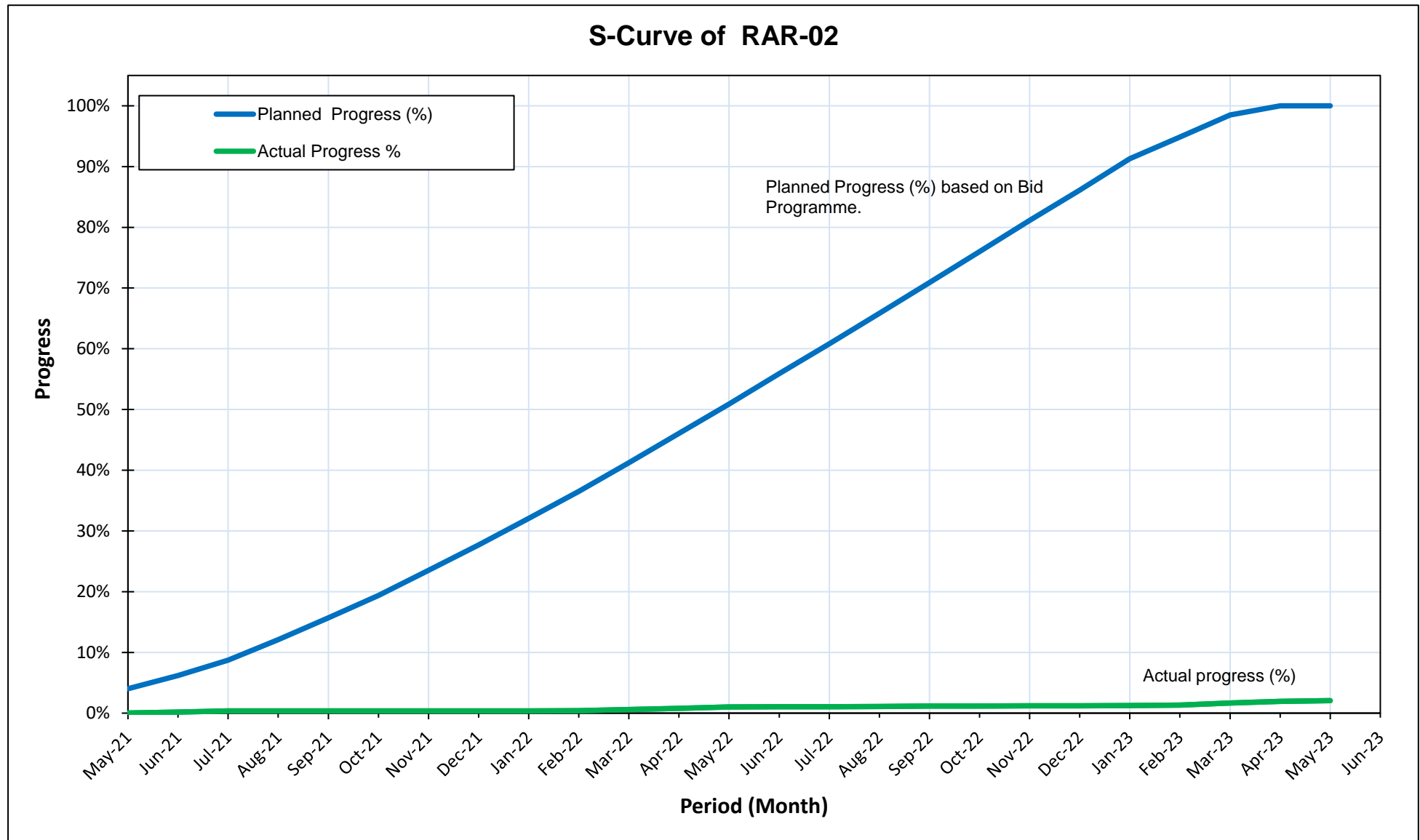
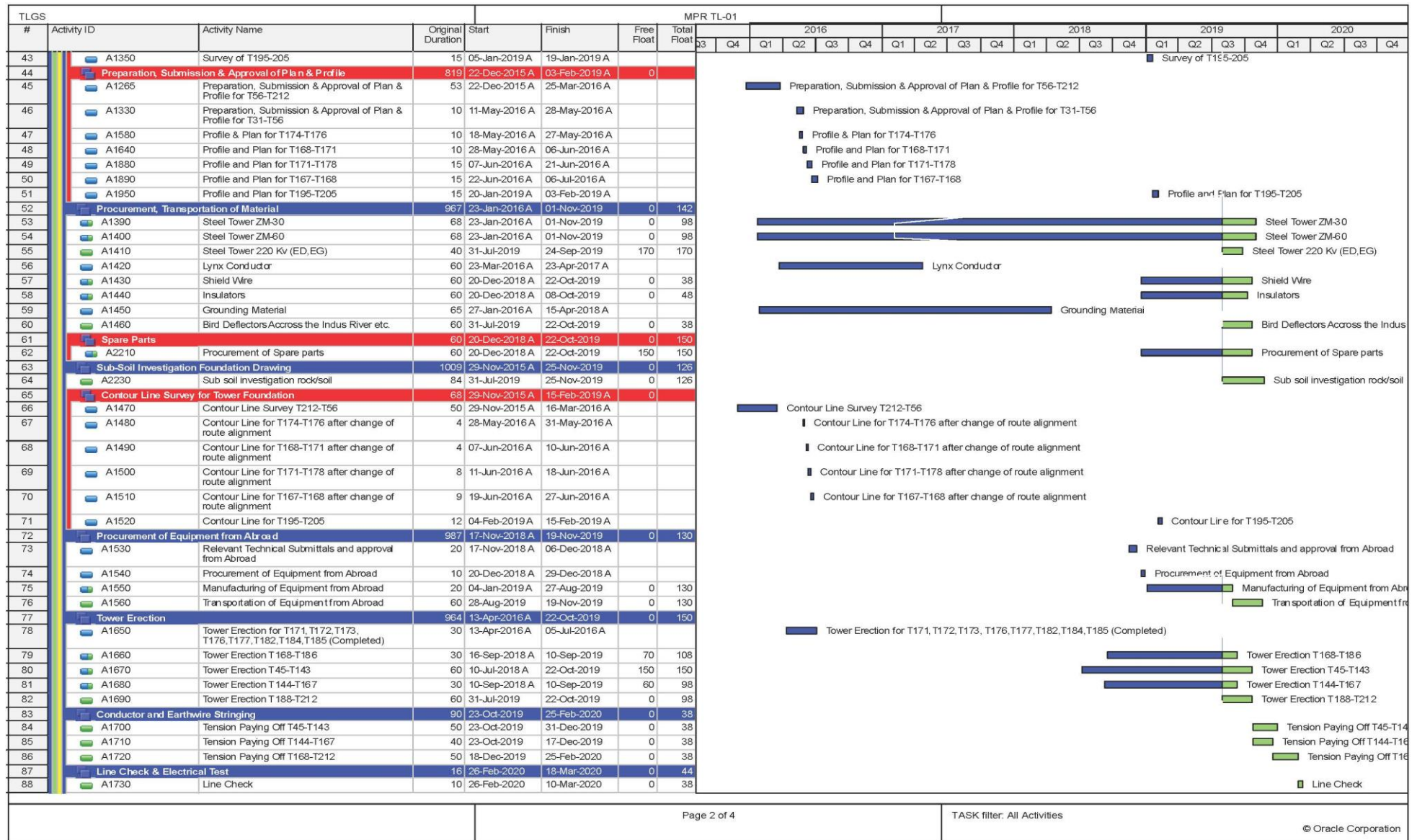


Figure 13: S Curve for Dasu-RAR-02

Figure 14 [2/4]



Gantt Chart of Dasu-TL-01 (2 of 4)

Figure 14 [4/4]

TLGS		MPR TL-01																											
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2016				2017				2018				2019				2020					
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
136	A2030	Construction of Control House Building	60	03-Oct-2019	25-Dec-2019	0	0																						
137	A2040	Installation of Electric Material for Control Room	9	26-Dec-2019	07-Jan-2020	0	92																						
138	A2050	Installation of other Facilities for Control Room	9	31-Dec-2019	10-Jan-2020	0	92																						
139	Switchyard		87	19-Sep-2019	17-Jan-2020	0	2																						
140	Switchyard Civil Works		40	19-Sep-2019	13-Nov-2019	0	13																						
141	A2060	Foundation Excavation	33	19-Sep-2019	04-Nov-2019	0	13																						
142	A2070	Concrete & Backfilling	30	03-Oct-2019	13-Nov-2019	0	13																						
143	Installation of Switchyard Steel Structure		47	14-Nov-2019	17-Jan-2020	0	2																						
144	A2080	Fabrication & Installation of Steel Structures & Gantries	15	14-Nov-2019	04-Dec-2019	11	13																						
145	A2090	Installation of Power Transformer	15	29-Nov-2019	19-Dec-2019	0	2																						
146	A2100	Installation of Circuit Breaker	10	20-Dec-2019	02-Jan-2020	0	2																						
147	A2110	Installation of other Equipment	21	20-Dec-2019	17-Jan-2020	0	2																						
148	A2120	Installation of Conductor (600mm)	18	20-Dec-2019	14-Jan-2020	0	2																						
149	Installation of Control House Building		59	26-Dec-2019	17-Mar-2020	0	0																						
150	A2130	Installation of Electric Panels	16	26-Dec-2019	16-Jan-2020	0	0																						
151	A2140	Placement of Power Cables	15	17-Jan-2020	06-Feb-2020	0	0																						
152	A2150	Connection of Cables & Busbars	28	07-Feb-2020	17-Mar-2020	0	0																						
153	Inspection and Taking Over		45	18-Mar-2020	18-May-2020	0	0																						
154	A2160	Test & Inspection of Electrical Equipment	30	18-Mar-2020	28-Apr-2020	0	0																						
155	A2170	Inspection & Acceptance before Transmission Line Electrified	8	29-Apr-2020	07-May-2020	0	0																						
156	A2180	Running Electrified Transmission Line	4	08-May-2020	13-May-2020	0	0																						
157	A2190	Issuance of Completion Certificate for Grid Station	3	14-May-2020	18-May-2020	0	0																						

Gantt Chart of Dasu-TL-01 (4 of 4)

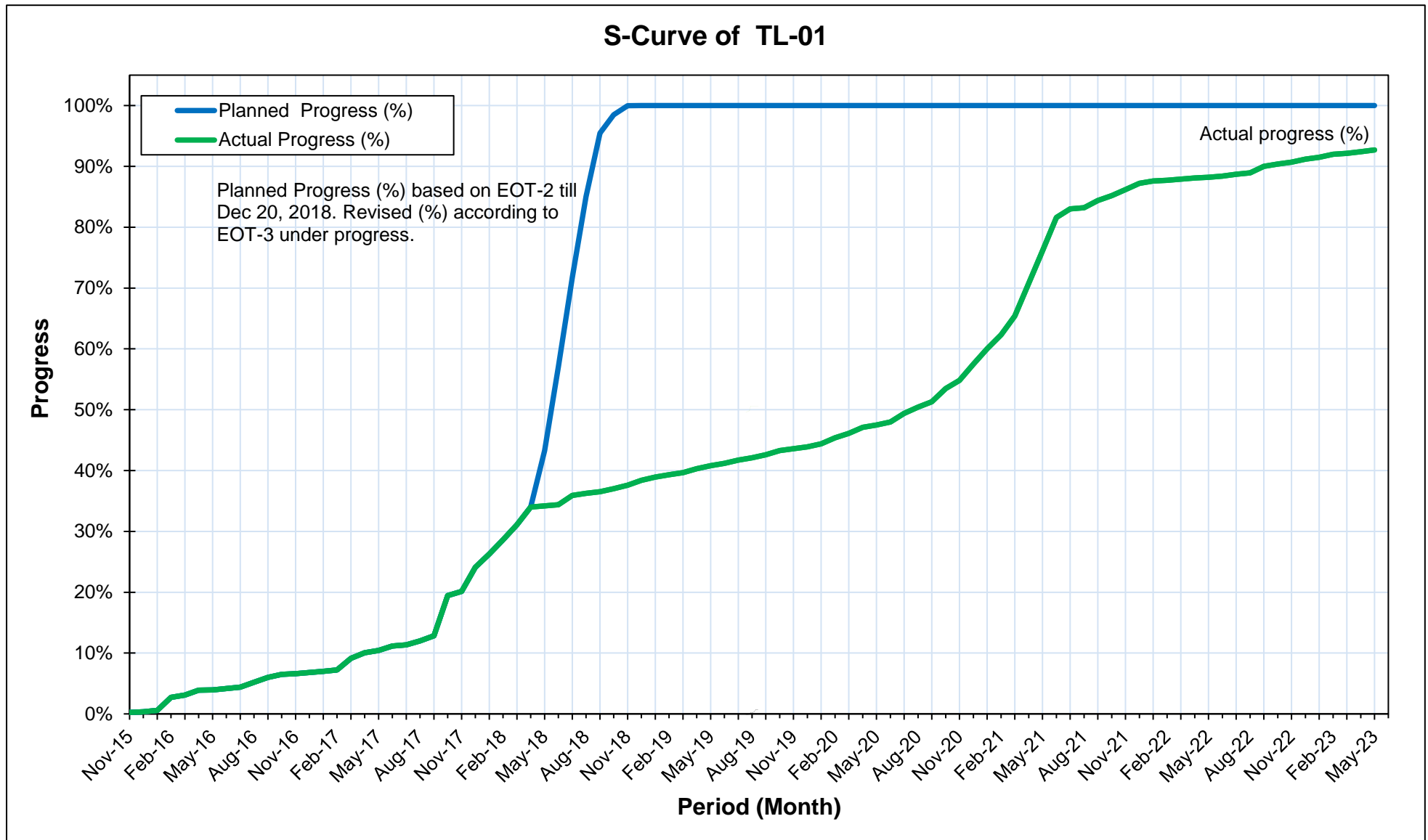


Figure 15: S Curve for Dasu-TL-01

Figure 16 [1/6]

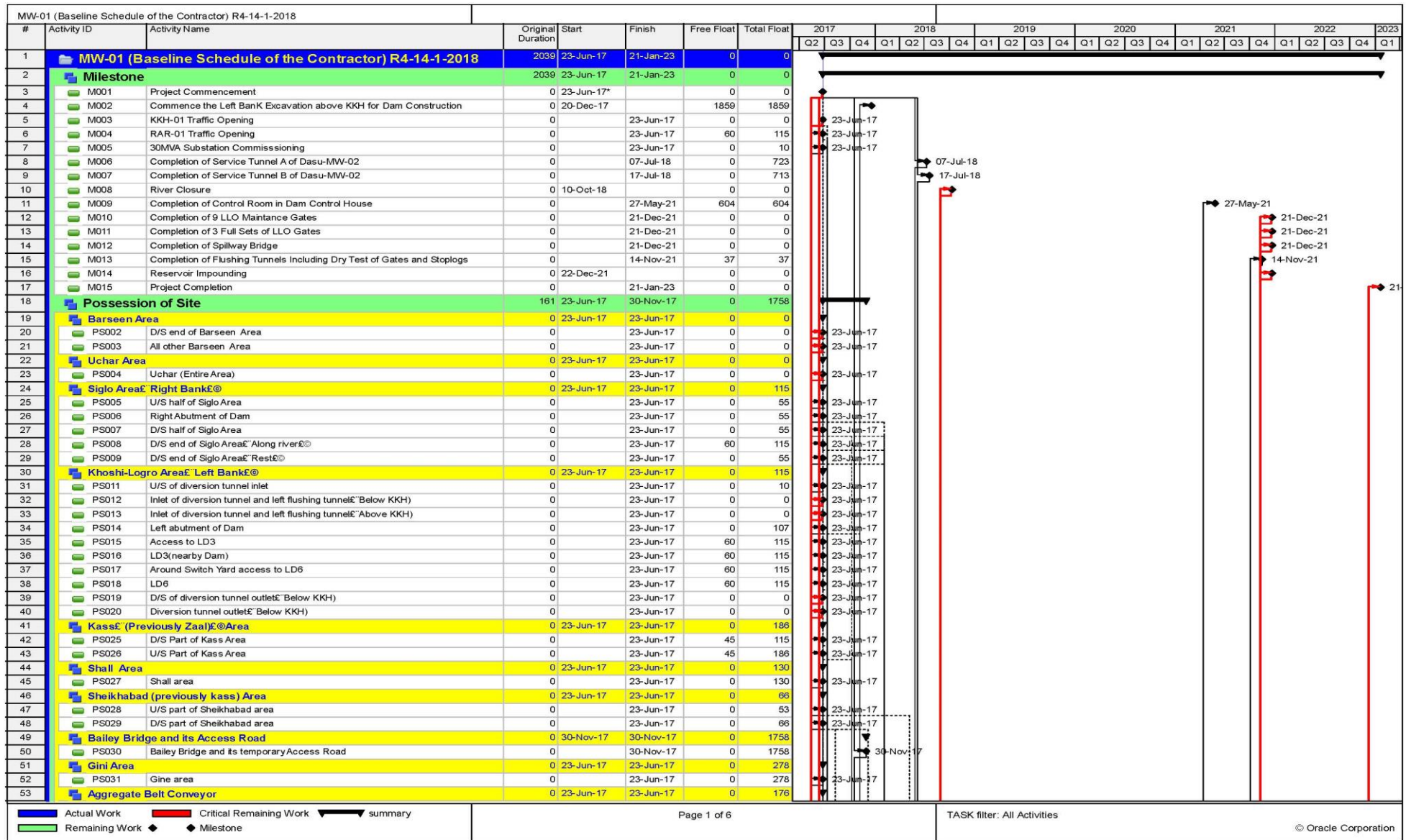
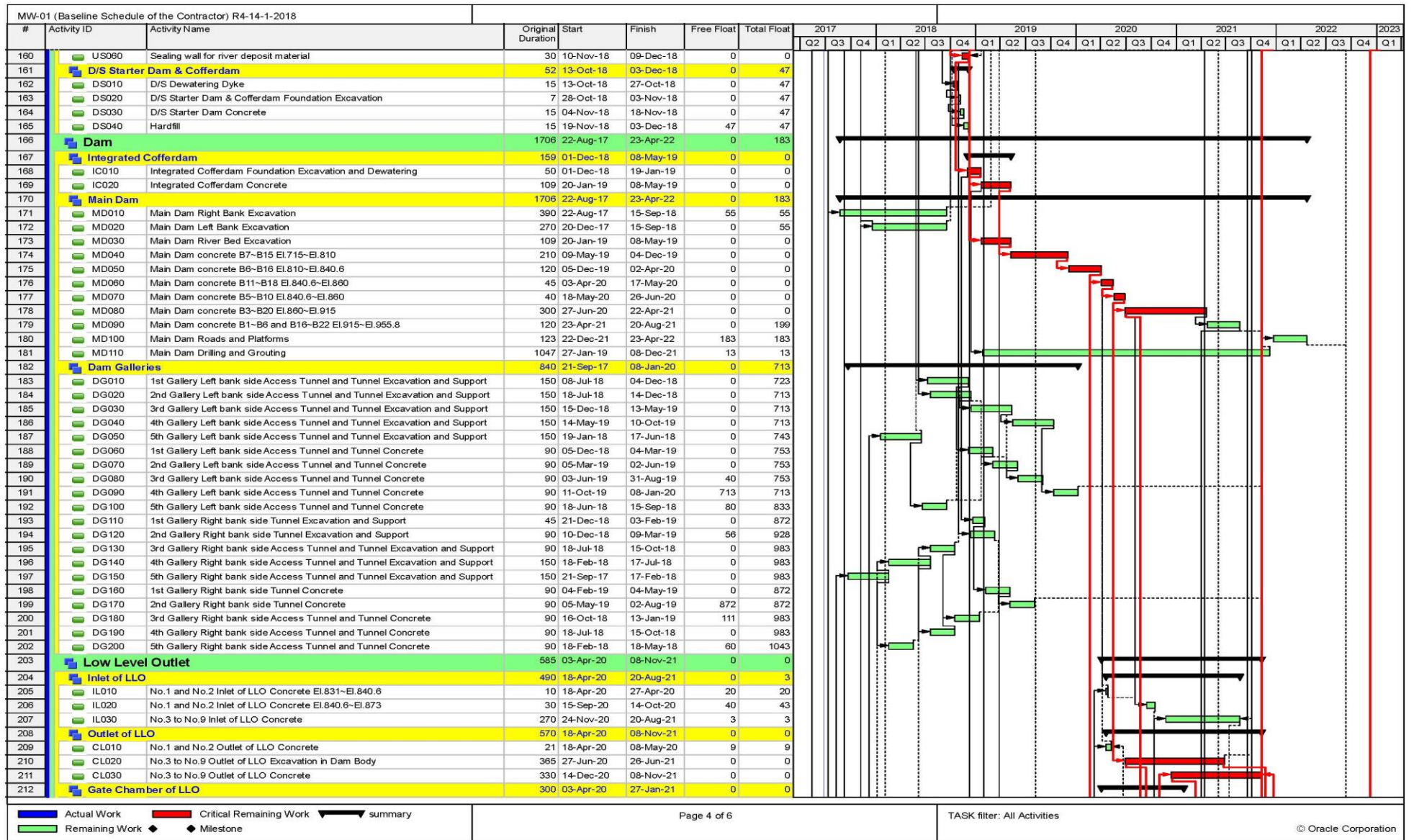


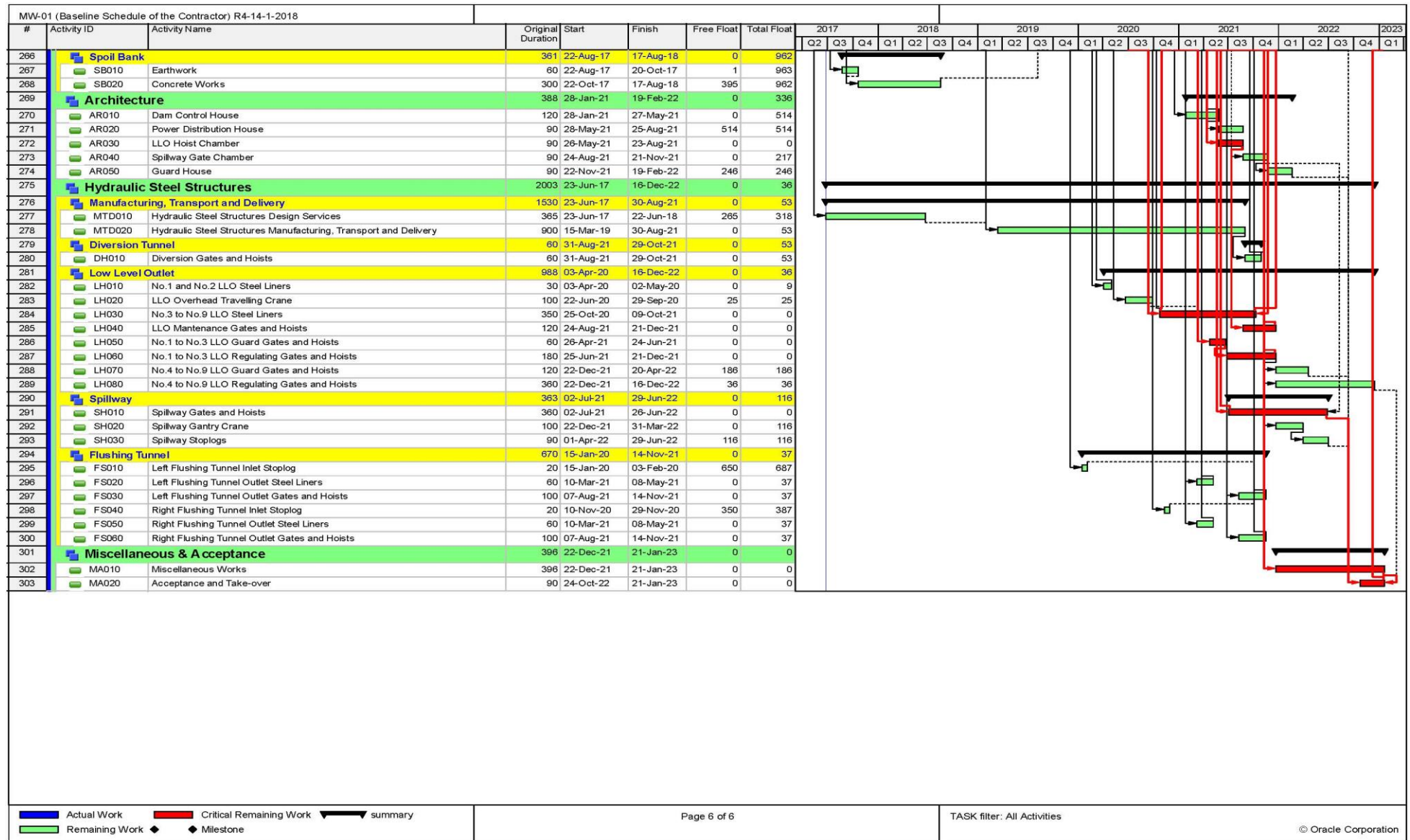
Figure 16: Gantt Chart of Dasu-MW-01 (1 of 6)

Figure 16 [4/6]



Gantt Chart of Dasu-MW-01 (4 of 6)

Figure 16 [6/6]



Gantt Chart of Dasu-MW-01 (6 of 6)

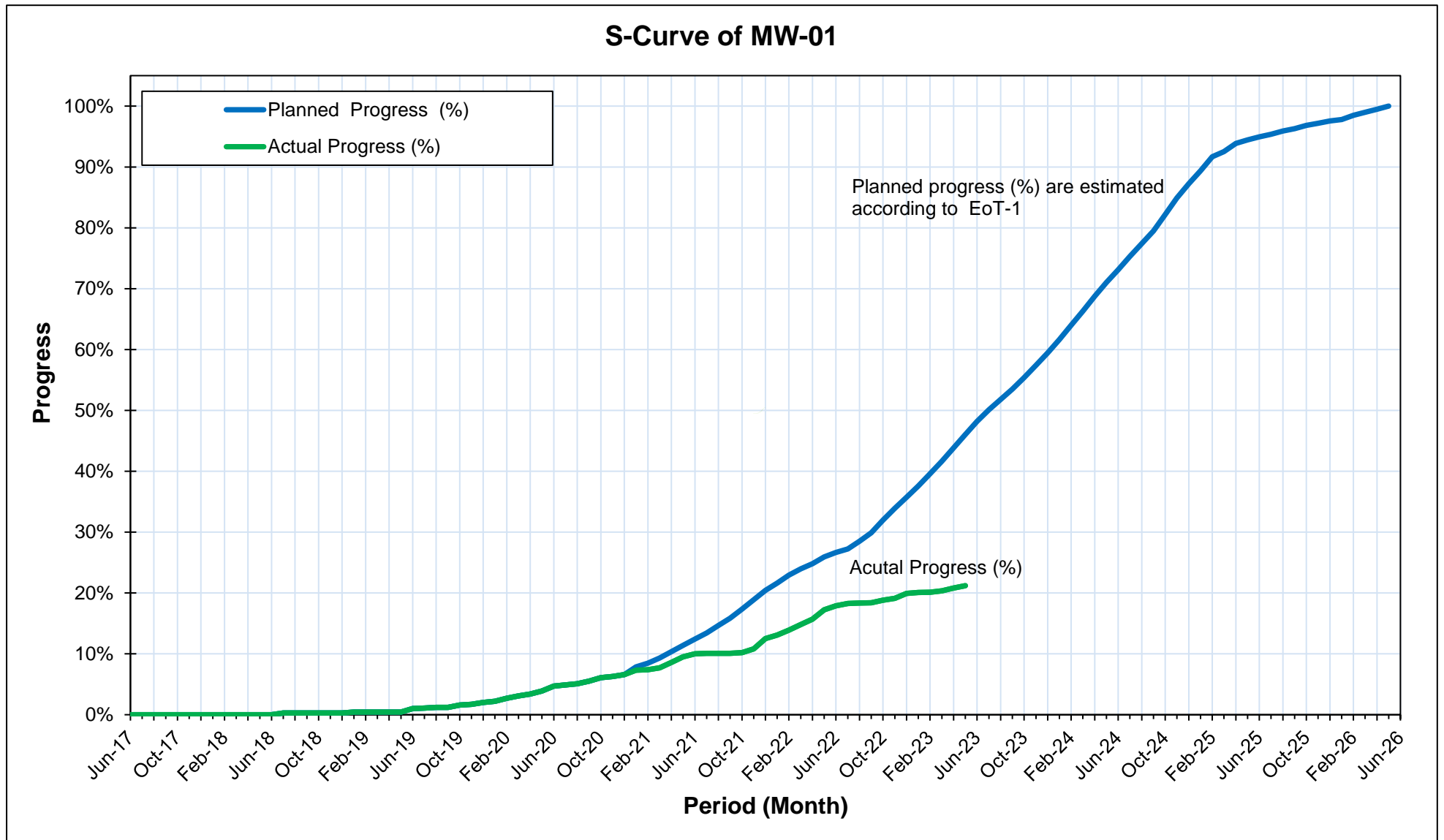


Figure 17: S-Curve for MW-01

Figure 18 [1/8]

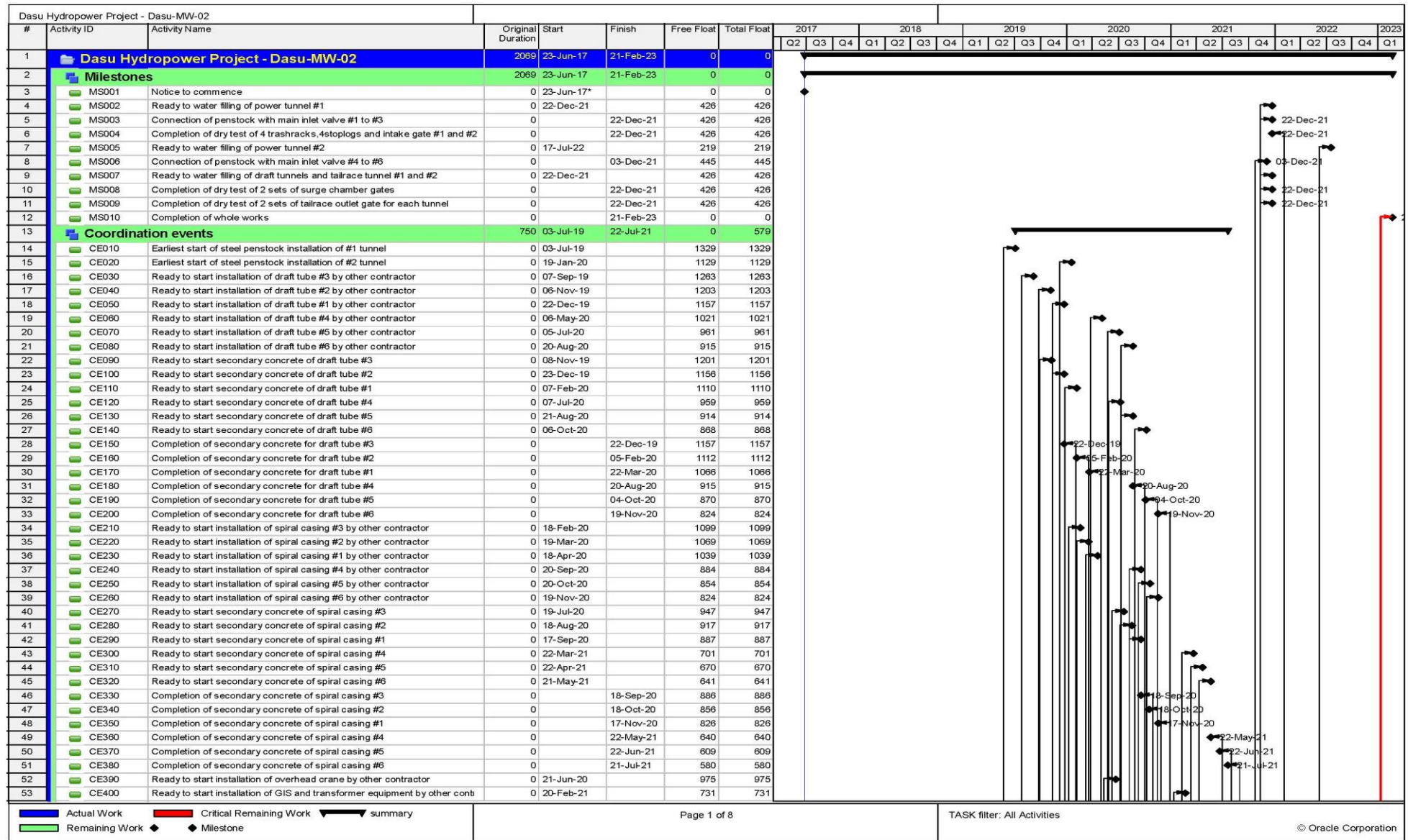
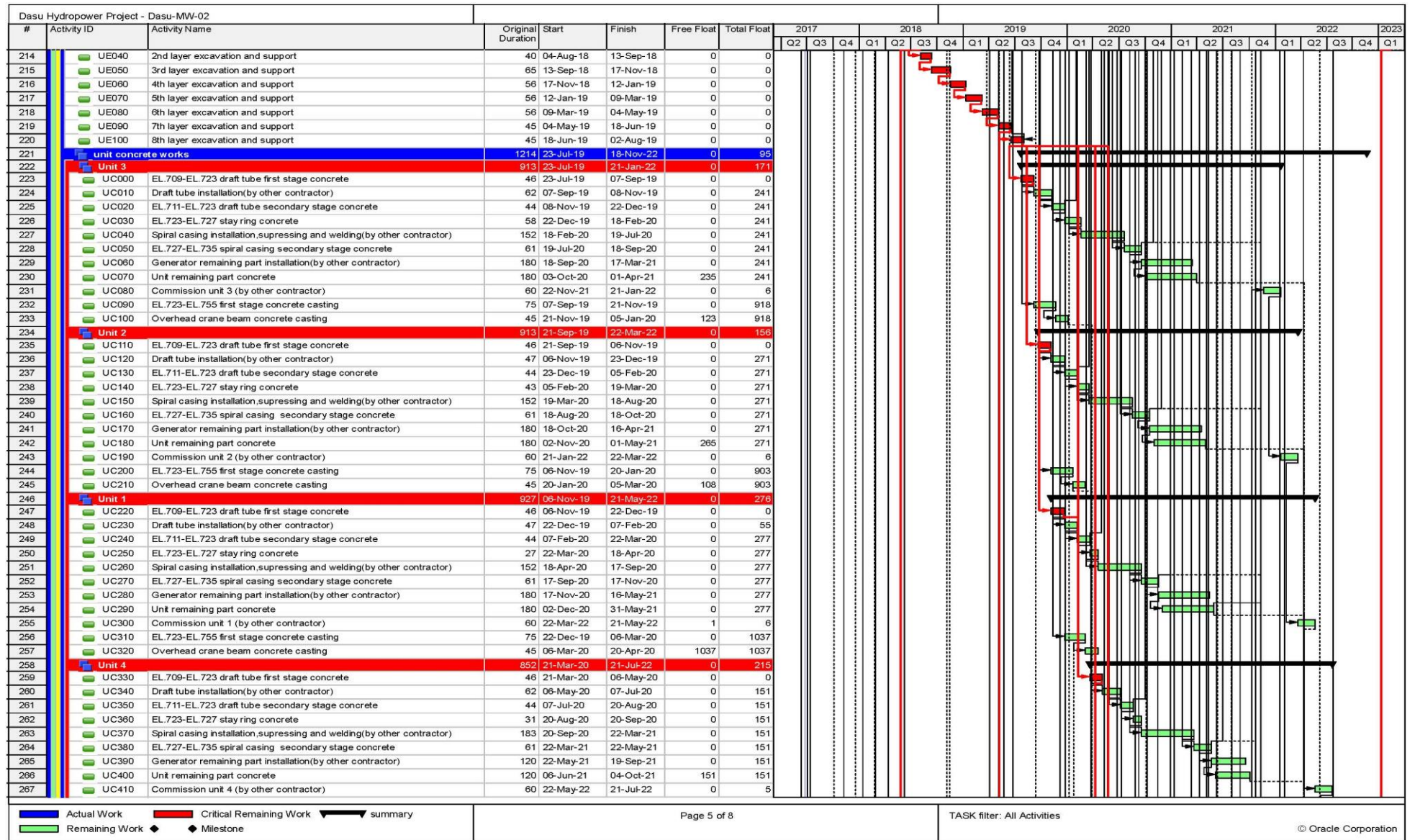


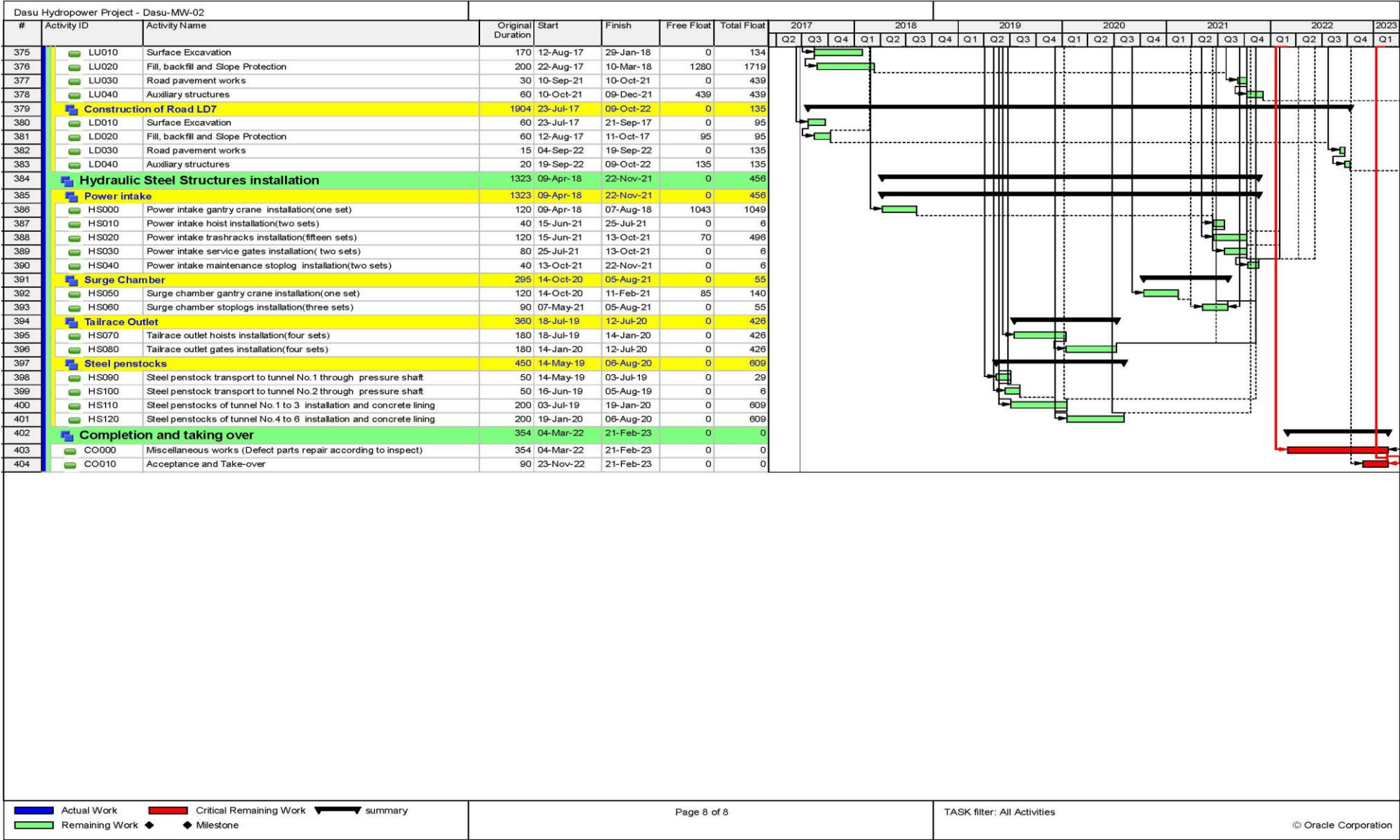
Figure 18: Gantt Chart of Dasu-MW-02 (1 of 8)

Figure 18 [5/8]



Gantt Chart of Dasu-MW-02 (5 of 8)

Figure 18 [8/8]



█ Actual Work █ Critical Remaining Work ▶ summary
█ Remaining Work ◆ Milestone

Gantt Chart of Dasu-MW-02 (8 of 8)

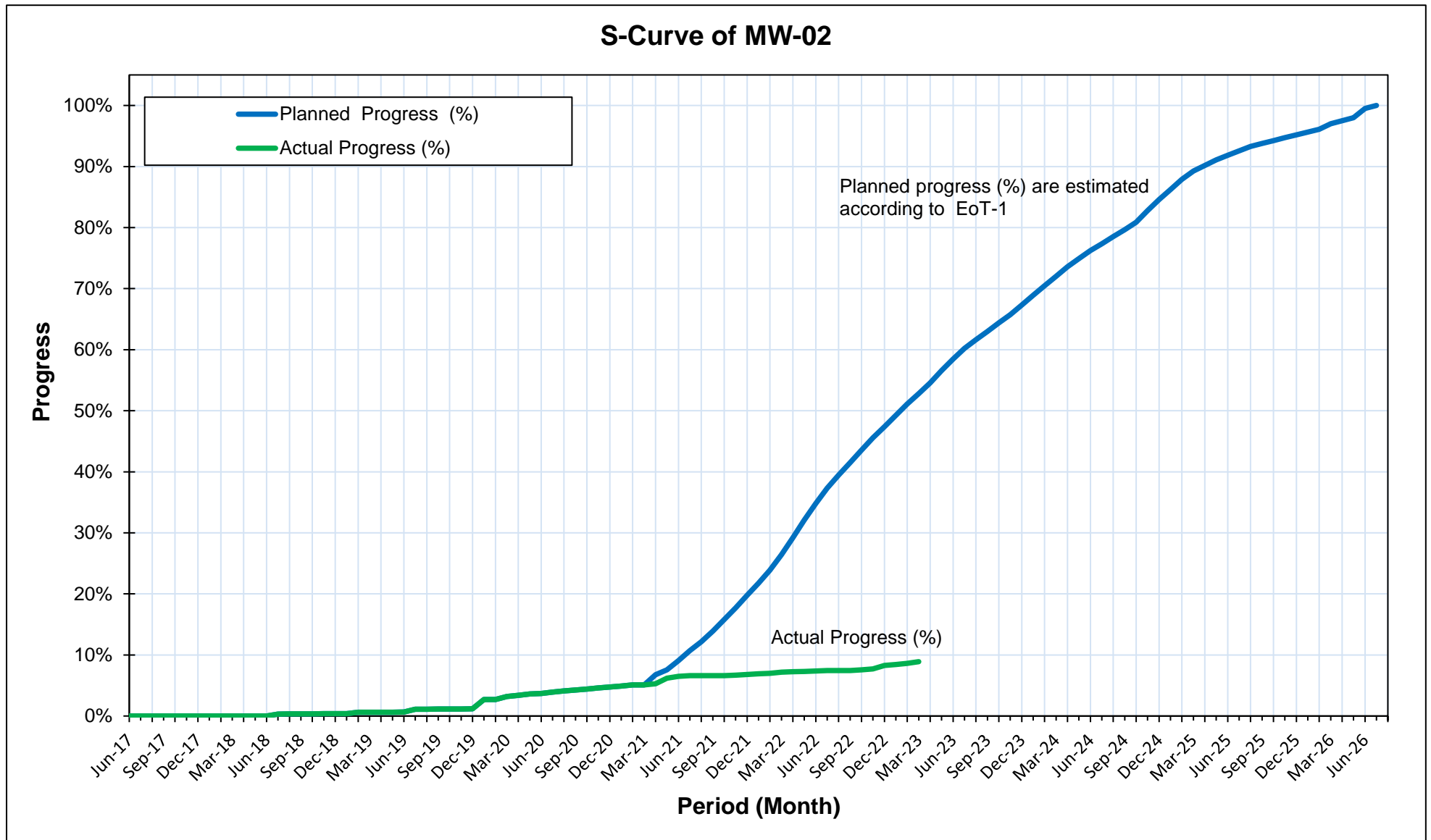


Figure 19: S-Curve for MW-02

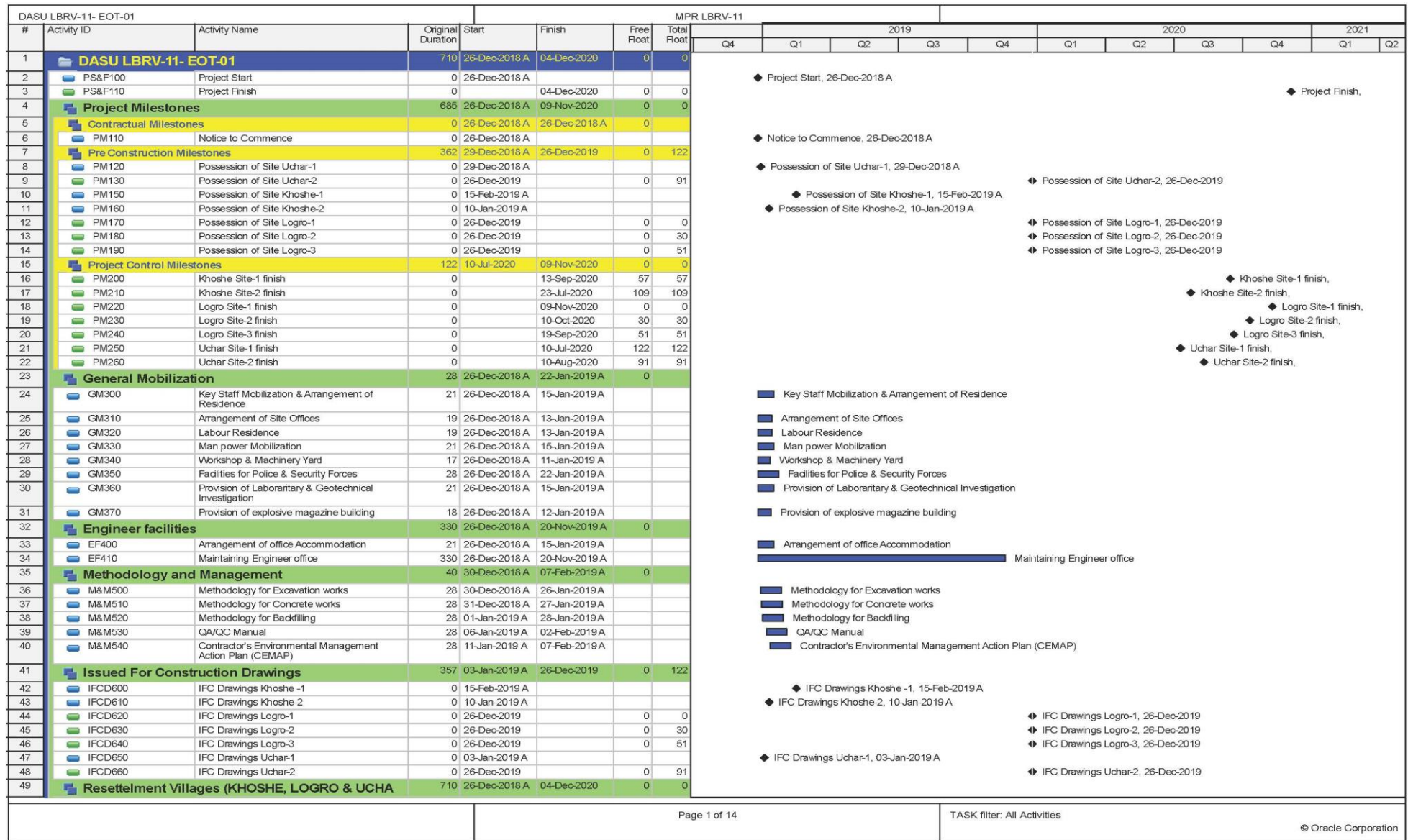
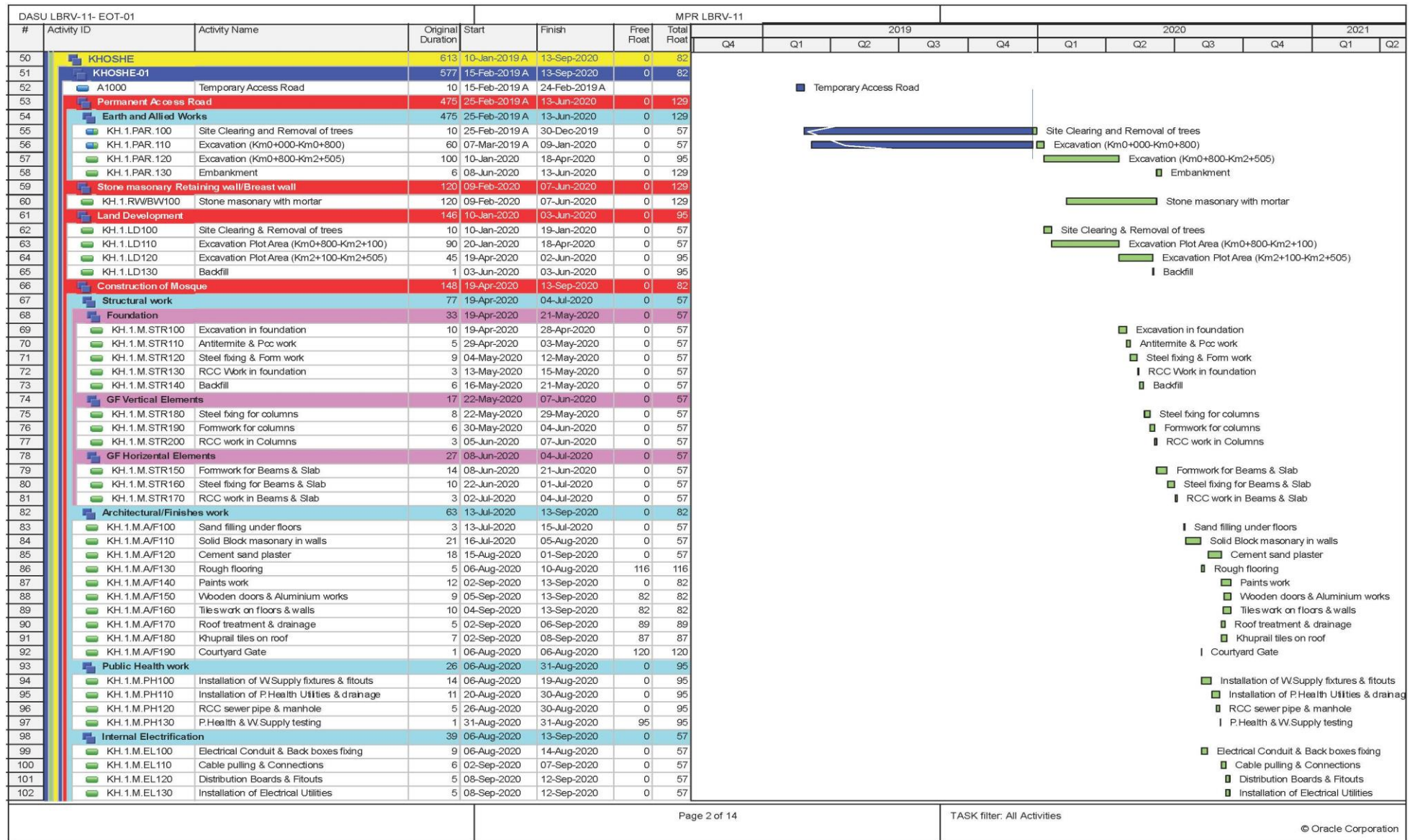
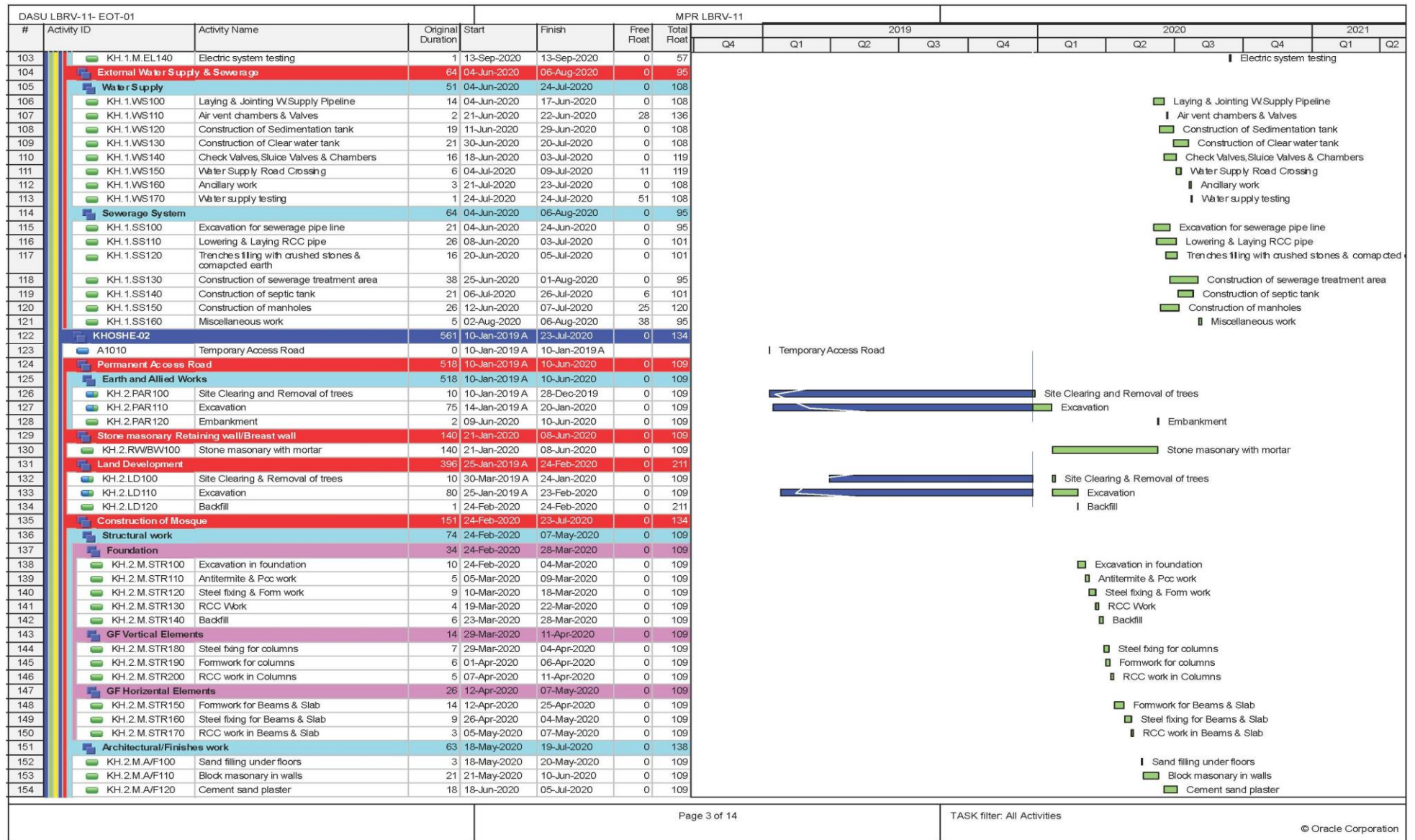


Figure 20: Gantt Chart of Dasu-LBRV-11 (1 of 14)



Gantt Chart of Dasu-LBRV-11 (2 of 14)



Gantt Chart of Dasu-LBRV-11 (3 of 14)

DASU LBRV-11- EOT-01		MPR LBRV-11						2019								2020				2021	
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
207	LG.1.LD130	Excavation (Link-3 Plot Area)	50	05-May-2020	23-Jun-2020	0	40														
208	LG.1.LD140	Backfill	5	24-Jun-2020	28-Jun-2020	61	114														
209	Construction of Mosque		153	05-May-2020	04-Oct-2020	0	61														
210	Structural work		82	05-May-2020	25-Jul-2020	0	40														
211	Foundation		38	05-May-2020	11-Jun-2020	0	40														
212	LG.1.M.STR100	Excavation in foundation	11	05-May-2020	15-May-2020	0	40														
213	LG.1.M.STR110	Antitermite & Pcc work	6	16-May-2020	21-May-2020	0	40														
214	LG.1.M.STR120	Steel fixing & Form work	10	22-May-2020	31-May-2020	0	40														
215	LG.1.M.STR130	RCC Work	5	01-Jun-2020	05-Jun-2020	0	40														
216	LG.1.M.STR140	Backfill	6	06-Jun-2020	11-Jun-2020	0	40														
217	GF Vertical Elements		22	12-Jun-2020	03-Jul-2020	0	40														
218	LG.1.M.STR150	Steel fixing for columns	10	12-Jun-2020	21-Jun-2020	0	40														
219	LG.1.M.STR160	Formwork for columns	7	22-Jun-2020	28-Jun-2020	0	40														
220	LG.1.M.STR170	RCC work in Columns	5	29-Jun-2020	03-Jul-2020	0	40														
221	GF Horizontal Elements		22	04-Jul-2020	25-Jul-2020	0	40														
222	LG.1.M.STR180	Formwork for Beams & Slab	11	04-Jul-2020	14-Jul-2020	0	40														
223	LG.1.M.STR190	Steel fixing for Beams & Slab	8	15-Jul-2020	22-Jul-2020	0	40														
224	LG.1.M.STR200	RCC work in Beams & Slab	3	23-Jul-2020	25-Jul-2020	0	40														
225	Architectural/Finishes work		63	03-Aug-2020	04-Oct-2020	0	61														
226	LG.1.M.A/F100	Sand filling under floors	4	03-Aug-2020	06-Aug-2020	0	40														
227	LG.1.M.A/F110	Solid Block masonry in walls	21	07-Aug-2020	27-Aug-2020	0	40														
228	LG.1.M.A/F120	Cement sand plaster	18	06-Sep-2020	23-Sep-2020	0	40														
229	LG.1.M.A/F130	Rough flooring	4	28-Aug-2020	31-Aug-2020	95	95														
230	LG.1.M.A/F140	Paints work	11	24-Sep-2020	04-Oct-2020	0	61														
231	LG.1.M.A/F150	Wooden doors & Aluminium works	9	26-Sep-2020	04-Oct-2020	0	61														
232	LG.1.M.A/F160	Tiles work on floors & walls	8	27-Sep-2020	04-Oct-2020	61	61														
233	LG.1.M.A/F170	Roof treatment & drainage	5	24-Sep-2020	28-Sep-2020	67	67														
234	LG.1.M.A/F180	Courtyard Gate	1	28-Aug-2020	28-Aug-2020	98	98														
235	LG.1.M.A/F190	Khuprail tiles on roof	5	24-Sep-2020	28-Sep-2020	67	67														
236	Public Health work		22	28-Aug-2020	18-Sep-2020	0	77														
237	LG.1.M.PH100	Installation of WSupply fixtures & fitouts	10	28-Aug-2020	06-Sep-2020	0	77														
238	LG.1.M.PH110	Installation of PHealth Utilities & drainage	11	07-Sep-2020	17-Sep-2020	0	77														
239	LG.1.M.PH120	RCC sewer pipe & manhole	5	13-Sep-2020	17-Sep-2020	0	77														
240	LG.1.M.PH130	P.Health & W.Supply testing	1	18-Sep-2020	18-Sep-2020	77	77														
241	Internal Electrification		34	28-Aug-2020	30-Sep-2020	0	40														
242	LG.1.M.EL100	Electrical Conduit & Back boxes fixing	9	28-Aug-2020	05-Sep-2020	0	40														
243	LG.1.M.EL110	Cable pulling & Connections	6	24-Sep-2020	29-Sep-2020	0	40														
244	LG.1.M.EL120	Distribution Boards & Fitouts	6	24-Sep-2020	29-Sep-2020	0	40														
245	LG.1.M.EL130	Installation of Electrical Utilities	4	26-Sep-2020	29-Sep-2020	0	40														
246	LG.1.M.EL140	Electric system testing	1	30-Sep-2020	30-Sep-2020	40	40														
247	Construction of Primary/Middle School		154	09-Jun-2020	09-Nov-2020	0	25														
248	Structural work		71	09-Jun-2020	18-Aug-2020	0	0														
249	Foundation		27	09-Jun-2020	05-Jul-2020	0	0														
250	LG.1.PS.STR100	Excavation in foundation	10	09-Jun-2020	18-Jun-2020	0	0														
251	LG.1.PS.STR110	Antitermite & Pcc work	5	16-Jun-2020	20-Jun-2020	0	0														
252	LG.1.PS.STR120	Steel fixing & Form work	9	21-Jun-2020	29-Jun-2020	0	0														
253	LG.1.PS.STR130	RCC Work	5	30-Jun-2020	04-Jul-2020	0	0														
254	LG.1.PS.STR140	Backfill	6	30-Jun-2020	05-Jul-2020	0	0														
255	GF Vertical Elements		16	06-Jul-2020	21-Jul-2020	0	0														
256	LG.1.PS.STR150	Steel fixing for columns	10	06-Jul-2020	15-Jul-2020	0	0														
257	LG.1.PS.STR160	Formwork for columns	7	12-Jul-2020	18-Jul-2020	0	0														
258	LG.1.PS.STR170	RCC work in Columns	3	19-Jul-2020	21-Jul-2020	0	0														
259	GF Horizontal Elements		28	22-Jul-2020	18-Aug-2020	0	0														

Gantt Chart of Dasu-LBRV-11 (5 of 14)

DASU LBRV-11- EOT-01		MPR LBRV-11						2019								2020				2021	
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
260	LG.1.PS.STR180	Formwork for Beams & Slab	14	22-Jul-2020	04-Aug-2020	0	0														
261	LG.1.PS.STR190	Steel fixing for Beams & Slab	12	05-Aug-2020	16-Aug-2020	0	0														
262	LG.1.PS.STR200	RCC work Beams & Slab	2	17-Aug-2020	18-Aug-2020	0	0														
263	Architectural/Finishes work		70	19-Aug-2020	27-Oct-2020	0	38														
264	LG.1.PS.A/F100	Sand filling under floors	4	19-Aug-2020	22-Aug-2020	0	0														
265	LG.1.PS.A/F110	Block masonry in walls	22	23-Aug-2020	13-Sep-2020	0	0														
266	LG.1.PS.A/F120	Cement sand plaster	20	24-Sep-2020	13-Oct-2020	0	0														
267	LG.1.PS.A/F130	Rough flooring	4	14-Sep-2020	17-Sep-2020	78	78														
268	LG.1.PS.A/F140	Paints work	14	14-Oct-2020	27-Oct-2020	0	38														
269	LG.1.PS.A/F150	Wooden doors & Aluminium works	9	19-Oct-2020	27-Oct-2020	0	38														
270	LG.1.PS.A/F160	Tile work on floors & walls	8	20-Oct-2020	27-Oct-2020	38	38														
271	LG.1.PS.A/F170	Main entrance Gate	2	14-Sep-2020	15-Sep-2020	80	80														
272	LG.1.PS.A/F180	Khupral tiles on roof	6	14-Oct-2020	19-Oct-2020	46	46														
273	Public Health work		19	14-Sep-2020	02-Oct-2020	0	63														
274	LG.1.PS.PH100	Installation of WSupply fixtures & fitouts	10	14-Sep-2020	23-Sep-2020	0	63														
275	LG.1.PS.PH110	Installation of PHealth Utilities & drainage	8	24-Sep-2020	01-Oct-2020	0	63														
276	LG.1.PS.PH120	RCC sewer pipe & manhole	5	27-Sep-2020	01-Oct-2020	0	63														
277	LG.1.PS.PH130	PHealth & WSupply testing	1	02-Oct-2020	02-Oct-2020	63	63														
278	Internal Electrification		57	14-Sep-2020	09-Nov-2020	0	0														
279	LG.1.PS.EL100	Electrical Conduit & Back boxes fixing	10	14-Sep-2020	23-Sep-2020	0	0														
280	LG.1.PS.EL110	Cable pulling & Connections	10	14-Oct-2020	23-Oct-2020	0	0														
281	LG.1.PS.EL120	Distribution Boards & Fitouts	9	24-Oct-2020	01-Nov-2020	0	0														
282	LG.1.PS.EL130	Installation of Electrical Utilities	7	02-Nov-2020	08-Nov-2020	0	0														
283	LG.1.PS.EL140	Electric system testing	1	09-Nov-2020	09-Nov-2020	0	0														
284	External Water Supply & Sewerage		70	09-Jun-2020	17-Aug-2020	0	84														
285	Water Supply		45	09-Jun-2020	23-Jul-2020	0	109														
286	LG.1.WS100	Laying & Jointing WSupply Pipeline	15	09-Jun-2020	23-Jun-2020	0	109														
287	LG.1.WS110	Air vent chambers & Valves	2	24-Jun-2020	25-Jun-2020	22	131														
288	LG.1.WS120	Construction of Sedimentation tank	15	19-Jun-2020	03-Jul-2020	0	109														
289	LG.1.WS130	Construction of Clear water tank	14	04-Jul-2020	17-Jul-2020	0	109														
290	LG.1.WS140	Check Valves, Sluice Valves & Chambers	14	24-Jun-2020	07-Jul-2020	10	119														
291	LG.1.WS150	Ancillary work	5	18-Jul-2020	22-Jul-2020	0	109														
292	LG.1.WS160	Water supply testing	1	23-Jul-2020	23-Jul-2020	109	109														
293	Sewerage System		55	24-Jun-2020	17-Aug-2020	0	84														
294	LG.1.SS100	Excavation for sewerage pipe line	7	24-Jun-2020	30-Jun-2020	0	84														
295	LG.1.SS110	Lowering & Laying RCC pipe	14	01-Jul-2020	14-Jul-2020	0	106														
296	LG.1.SS120	Trenches filling with crushed stones & compacted earth	14	05-Jul-2020	18-Jul-2020	25	109														
297	LG.1.SS130	Construction of sewerage treatment area	27	01-Jul-2020	27-Jul-2020	0	84														
298	LG.1.SS140	Construction of septic tank	16	28-Jul-2020	12-Aug-2020	0	84														
299	LG.1.SS150	Construction of manholes	21	01-Jul-2020	21-Jul-2020	22	106														
300	LG.1.SS160	Miscellaneous work	5	13-Aug-2020	17-Aug-2020	84	84														
301	LOGRO-02		290	26-Dec-2019	10-Oct-2020	0	55														
302	Permanent Access Road		185	26-Dec-2019	27-Jun-2020	0	87														
303	Earth and Allied Works		185	26-Dec-2019	27-Jun-2020	0	87														
304	LG.2.PAR100	Site Clearing and Removal of trees	7	26-Dec-2019	01-Jan-2020	0	30														
305	LG.2.PAR110	Excavation (Km0+000-Km0+270)	55	29-Dec-2019	21-Feb-2020	0	30														
306	LG.2.PAR120	Excavation (Km0+270-Km0+461)	45	22-Feb-2020	06-Apr-2020	0	87														
307	LG.2.PAR130	Embankment	7	21-Jan-2020	27-Jun-2020	0	87														
308	Stone masonry Retaining wall/Breast wall		75	07-Apr-2020	20-Jun-2020	0	87														
309	LG.2.RW/BW110	Stone masonry with mortar	75	07-Apr-2020	20-Jun-2020	0	87														
310	Land Development		117	22-Feb-2020	17-Jun-2020	0	63														
311	LG.2.LD100	Site Clearing & Removal of trees	5	22-Feb-2020	26-Feb-2020	0	30														

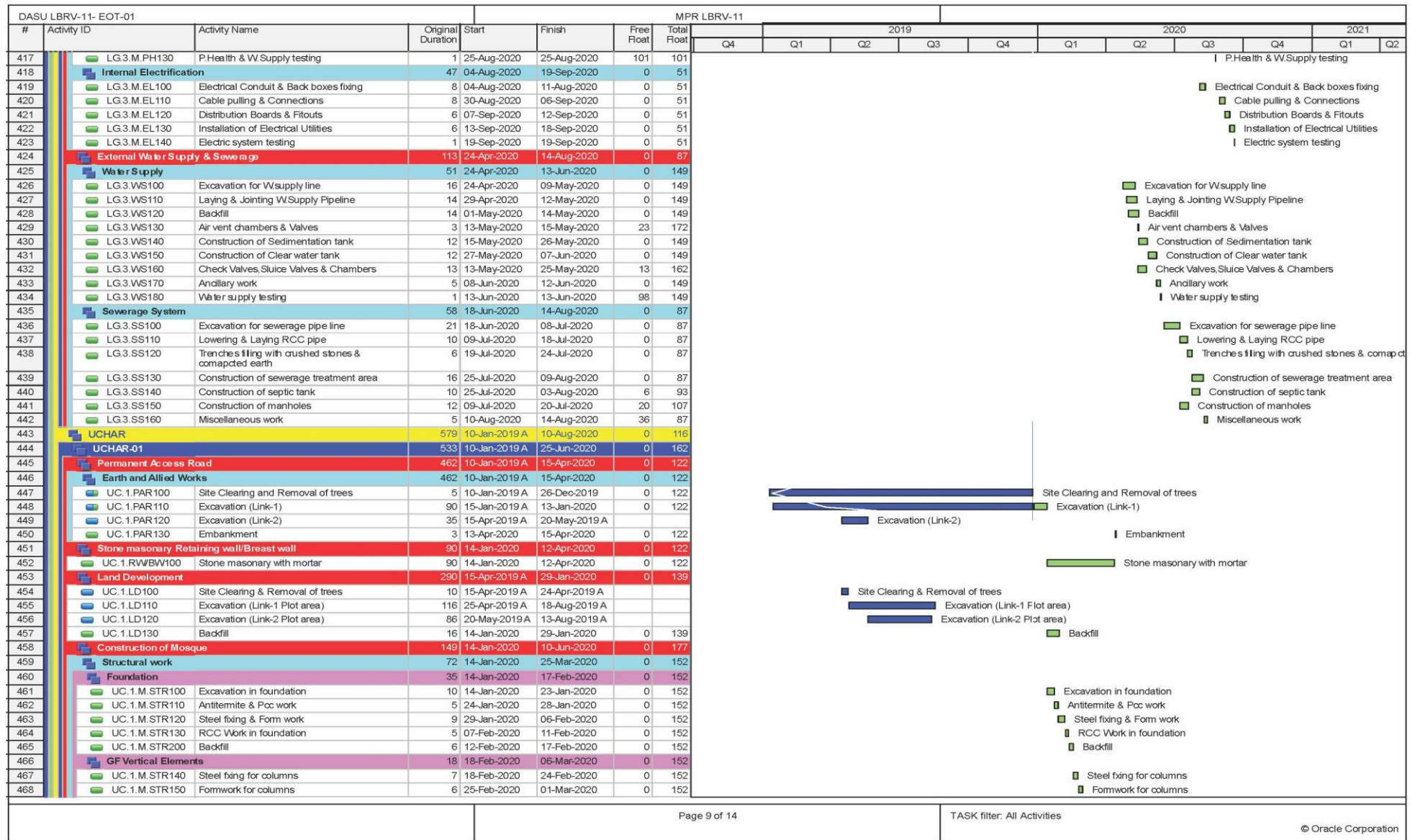
Gantt Chart of Dasu-LBRV-11 (6 of 14)

DASU LBRV-11- EOT-01		MPR LBRV-11																
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
312	LG.2.LD110	Excavation (Km0+270-Km0+350) Plot Area	70	25-Feb-2020	04-May-2020	0	30											
313	LG.2.LD120	Excavation (Km0+350-Km0+461) Plot Area	40	05-May-2020	13-Jun-2020	0	63											
314	LG.2.LD130	Backfill	4	14-Jun-2020	17-Jun-2020	0	63											
315	Construction of Mosque		159	05-May-2020	10-Oct-2020	0	55											
316	Structural work		73	05-May-2020	16-Jul-2020	0	30											
317	Foundation		35	05-May-2020	08-Jun-2020	0	30											
318	LG.2.M.STR100	Excavation in foundation	10	05-May-2020	14-May-2020	0	30											
319	LG.2.M.STR110	Antitermite & Pcc work	5	15-May-2020	19-May-2020	0	30											
320	LG.2.M.STR120	Steel fixing & Form work	9	20-May-2020	28-May-2020	0	30											
321	LG.2.M.STR130	RCC Work	5	29-May-2020	02-Jun-2020	0	30											
322	LG.2.M.STR140	Backfill	6	03-Jun-2020	08-Jun-2020	0	30											
323	GF Vertical Elements		11	09-Jun-2020	19-Jun-2020	0	30											
324	LG.2.M.STR150	Steel fixing for columns	10	09-Jun-2020	18-Jun-2020	0	30											
325	LG.2.M.STR160	Formwork for columns	7	12-Jun-2020	18-Jun-2020	0	30											
326	LG.2.M.STR170	RCC work in Columns	5	15-Jun-2020	19-Jun-2020	0	30											
327	GF Horizontal Elements		19	28-Jun-2020	16-Jul-2020	0	30											
328	LG.2.M.STR180	Formwork for Beams & Slab	9	28-Jun-2020	06-Jul-2020	0	30											
329	LG.2.M.STR190	Steel fixing for Beams & Slab	8	07-Jul-2020	14-Jul-2020	0	30											
330	LG.2.M.STR200	RCC work in Beams & Slab	2	15-Jul-2020	16-Jul-2020	0	30											
331	Architectural/Finishes work		66	31-Jul-2020	04-Oct-2020	0	61											
332	LG.2.M.A/F100	Sand filling under floors	3	31-Jul-2020	02-Aug-2020	0	30											
333	LG.2.M.A/F110	Solid Block masonry in walls	21	03-Aug-2020	23-Aug-2020	0	30											
334	LG.2.M.A/F120	Cement sand plaster	18	03-Sep-2020	20-Sep-2020	0	30											
335	LG.2.M.A/F130	Rough flooring	5	24-Aug-2020	28-Aug-2020	98	98											
336	LG.2.M.A/F140	Paints work	14	21-Sep-2020	04-Oct-2020	0	61											
337	LG.2.M.A/F150	Wooden doors & Aluminium works	9	26-Sep-2020	04-Oct-2020	0	61											
338	LG.2.M.A/F160	Tile work on floors & walls	7	28-Sep-2020	04-Oct-2020	61	61											
339	LG.2.M.A/F170	Roof treatment & drainage	5	21-Sep-2020	25-Sep-2020	70	70											
340	LG.2.M.A/F180	Courtyard Gate	1	24-Aug-2020	24-Aug-2020	102	102											
341	LG.2.M.A/F190	Khuprail tiles on roof	7	21-Sep-2020	27-Sep-2020	68	68											
342	Public Health work		19	24-Aug-2020	11-Sep-2020	0	84											
343	LG.2.M.PH100	Installation of WSupply fixtures & fitouts	10	24-Aug-2020	02-Sep-2020	0	84											
344	LG.2.M.PH110	Installation of P.Health Utilities & drainage	8	03-Sep-2020	10-Sep-2020	0	84											
345	LG.2.M.PH120	RCC sewer pipe & manhole	5	06-Sep-2020	10-Sep-2020	0	84											
346	LG.2.M.PH130	P.Health & W Supply testing	1	11-Sep-2020	11-Sep-2020	84	84											
347	Internal Electrification		48	24-Aug-2020	10-Oct-2020	0	30											
348	LG.2.M.EL100	Electrical Conduit & Back boxes fixing	10	24-Aug-2020	02-Sep-2020	0	30											
349	LG.2.M.EL110	Cable pulling & Connections	8	21-Sep-2020	28-Sep-2020	0	30											
350	LG.2.M.EL120	Distribution Boards & Fitouts	6	29-Sep-2020	04-Oct-2020	0	30											
351	LG.2.M.EL130	Installation of Electrical Utilities	5	05-Oct-2020	09-Oct-2020	0	30											
352	LG.2.M.EL140	Electric system testing	1	10-Oct-2020	10-Oct-2020	0	30											
353	External Water Supply & Sewerage		82	18-Jun-2020	07-Sep-2020	0	63											
354	Water Supply		52	18-Jul-2020	07-Sep-2020	0	63											
355	LG.2.WS100	Laying & Jointing WSupply Pipeline	11	18-Jul-2020	28-Jul-2020	0	63											
356	LG.2.WS110	Air vent chambers & Valves	3	29-Jul-2020	31-Jul-2020	32	95											
357	LG.2.WS120	Construction of Sedimentation tank	10	29-Jul-2020	07-Aug-2020	0	63											
358	LG.2.WS130	Construction of Clear water tank	10	09-Aug-2020	18-Aug-2020	0	63											
359	LG.2.WS140	Check Valves,Sluice Valves & Chambers	8	29-Jul-2020	05-Aug-2020	27	90											
360	LG.2.WS150	Pressure Break tank	14	19-Aug-2020	01-Sep-2020	0	63											
361	LG.2.WS160	Water Supply Road Crossing	4	29-Jul-2020	01-Aug-2020	31	94											
362	LG.2.WS170	Ancillary work	5	02-Sep-2020	06-Sep-2020	0	63											
363	LG.2.WS180	Water supply testing	1	07-Sep-2020	07-Sep-2020	33	63											
364	Sewerage System		52	18-Jun-2020	08-Aug-2020	0	93											

Gantt Chart of Dasu-LBRV-11 (7 of 14)

DASU LBRV-11- EOT-01							MPR LBRV-11												
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
365	LG.2.SS100	Excavation for sewerage pipe line	17	18-Jun-2020	04-Jul-2020	0	93												
366	LG.2.SS110	Lowering & Laying RCC pipe	8	01-Jul-2020	08-Jul-2020	0	93												
367	LG.2.SS120	Trenches filling with crushed stones & compacted earth	8	03-Jul-2020	10-Jul-2020	0	93												
368	LG.2.SS130	Construction of sewerage treatment area	24	11-Jul-2020	03-Aug-2020	0	93												
369	LG.2.SS140	Construction of septic tanks	11	05-Jul-2020	15-Jul-2020	19	112												
370	LG.2.SS150	Construction of manholes	8	01-Jul-2020	08-Jul-2020	26	119												
371	LG.2.SS160	Miscellaneous work	5	04-Aug-2020	08-Aug-2020	63	93												
372	LOGRO-03		269	26-Dec-2019	19-Sep-2020	0	76												
373	Permanent Access Road		189	26-Dec-2019	01-Jul-2020	0	80												
374	Earth and Allied Works		189	26-Dec-2019	01-Jul-2020	0	80												
375	LG.3.PAR100	Site Clearing and Removal of trees	10	26-Dec-2019	04-Jan-2020	0	51												
376	LG.3.PAR110	Excavation (Km0+000-Km0+300)	50	31-Dec-2019	18-Feb-2020	0	51												
377	LG.3.PAR120	Excavation (Km0+300-Km0+698)	65	19-Feb-2020	23-Apr-2020	0	149												
378	LG.3.PAR130	Embankment	9	23-Jun-2020	01-Jul-2020	0	57												
379	Stone masonry Retaining wall/Breast wall		125	19-Feb-2020	22-Jun-2020	0	57												
380	LG.3.RV/BW100	Stone masonry with mortar	125	19-Feb-2020	22-Jun-2020	0	57												
381	Land Development		123	19-Feb-2020	20-Jun-2020	0	125												
382	LG.3.LD100	Site Clearing & Removal of trees	5	19-Feb-2020	23-Feb-2020	0	51												
383	LG.3.LD110	Excavation (Km0+300-Km0+400) Plot Area	55	24-Feb-2020	18-Apr-2020	0	51												
384	LG.3.LD120	Excavation (Km0+600-Km0+700) Plot Area	60	19-Apr-2020	17-Jun-2020	0	87												
385	LG.3.LD130	Backfill	3	18-Jun-2020	20-Jun-2020	68	125												
386	Construction of Mosque		154	19-Apr-2020	19-Sep-2020	0	76												
387	Structural work		74	19-Apr-2020	01-Jul-2020	0	51												
388	Foundation		31	19-Apr-2020	19-May-2020	0	51												
389	LG.3.M.STR100	Excavation in foundation	10	19-Apr-2020	28-Apr-2020	0	51												
390	LG.3.M.STR110	Antitermite & Pcc work	5	25-Apr-2020	29-Apr-2020	0	51												
391	LG.3.M.STR120	Steel fixing & Form work	9	30-Apr-2020	08-May-2020	0	51												
392	LG.3.M.STR130	RCC Work in foundation	5	09-May-2020	13-May-2020	0	51												
393	LG.3.M.STR200	Backfill	6	14-May-2020	19-May-2020	0	51												
394	GF Vertical Elements		12	20-May-2020	31-May-2020	0	51												
395	LG.3.M.STR140	Steel fixing for columns	7	20-May-2020	26-May-2020	0	51												
396	LG.3.M.STR150	Formwork for columns	6	21-May-2020	26-May-2020	0	51												
397	LG.3.M.STR160	RCC work in Columns	5	27-May-2020	31-May-2020	0	51												
398	GF Horizontal Elements		23	09-Jun-2020	01-Jul-2020	0	51												
399	LG.3.M.STR170	Formwork for Beams & Slab	11	09-Jun-2020	19-Jun-2020	0	51												
400	LG.3.M.STR180	Steel fixing for Beams & Slab	9	20-Jun-2020	28-Jun-2020	0	51												
401	LG.3.M.STR190	RCC work in Beams & Slab	3	29-Jun-2020	01-Jul-2020	0	51												
402	Architectural/Finishes work		64	11-Jul-2020	12-Sep-2020	0	83												
403	LG.3.M.A/F100	Sand filling under floors	3	11-Jul-2020	13-Jul-2020	0	51												
404	LG.3.M.A/F110	Solid Block masonry in walls	21	14-Jul-2020	03-Aug-2020	0	51												
405	LG.3.M.A/F120	Cement sand plaster	18	12-Aug-2020	29-Aug-2020	0	51												
406	LG.3.M.A/F130	Rough flooring	5	04-Aug-2020	08-Aug-2020	118	118												
407	LG.3.M.A/F140	Paints work	14	30-Aug-2020	12-Sep-2020	0	83												
408	LG.3.M.A/F150	Wooden doors & Aluminium works	9	04-Sep-2020	12-Sep-2020	0	83												
409	LG.3.M.A/F160	Tile work on floors & walls	8	05-Sep-2020	12-Sep-2020	83	83												
410	LG.3.M.A/F170	Khuprail tiles on roof	7	30-Aug-2020	05-Sep-2020	90	90												
411	LG.3.M.A/F180	Roof treatment & drainage	5	30-Aug-2020	03-Sep-2020	92	92												
412	LG.3.M.A/F190	Courtyard Gate	1	04-Aug-2020	04-Aug-2020	122	122												
413	Public Health work		22	04-Aug-2020	25-Aug-2020	0	101												
414	LG.3.M.PH100	Installation of WSupply fixtures & fitouts	14	04-Aug-2020	17-Aug-2020	0	101												
415	LG.3.M.PH110	Installation of P Health Utilities & drainage	7	18-Aug-2020	24-Aug-2020	0	101												
416	LG.3.M.PH120	RCC sewer pipe & manhole	5	20-Aug-2020	24-Aug-2020	0	101												

Gantt Chart of Dasu-LBRV-11 (8 of 14)



Gantt Chart of Dasu-LBRV-11 (9 of 14)

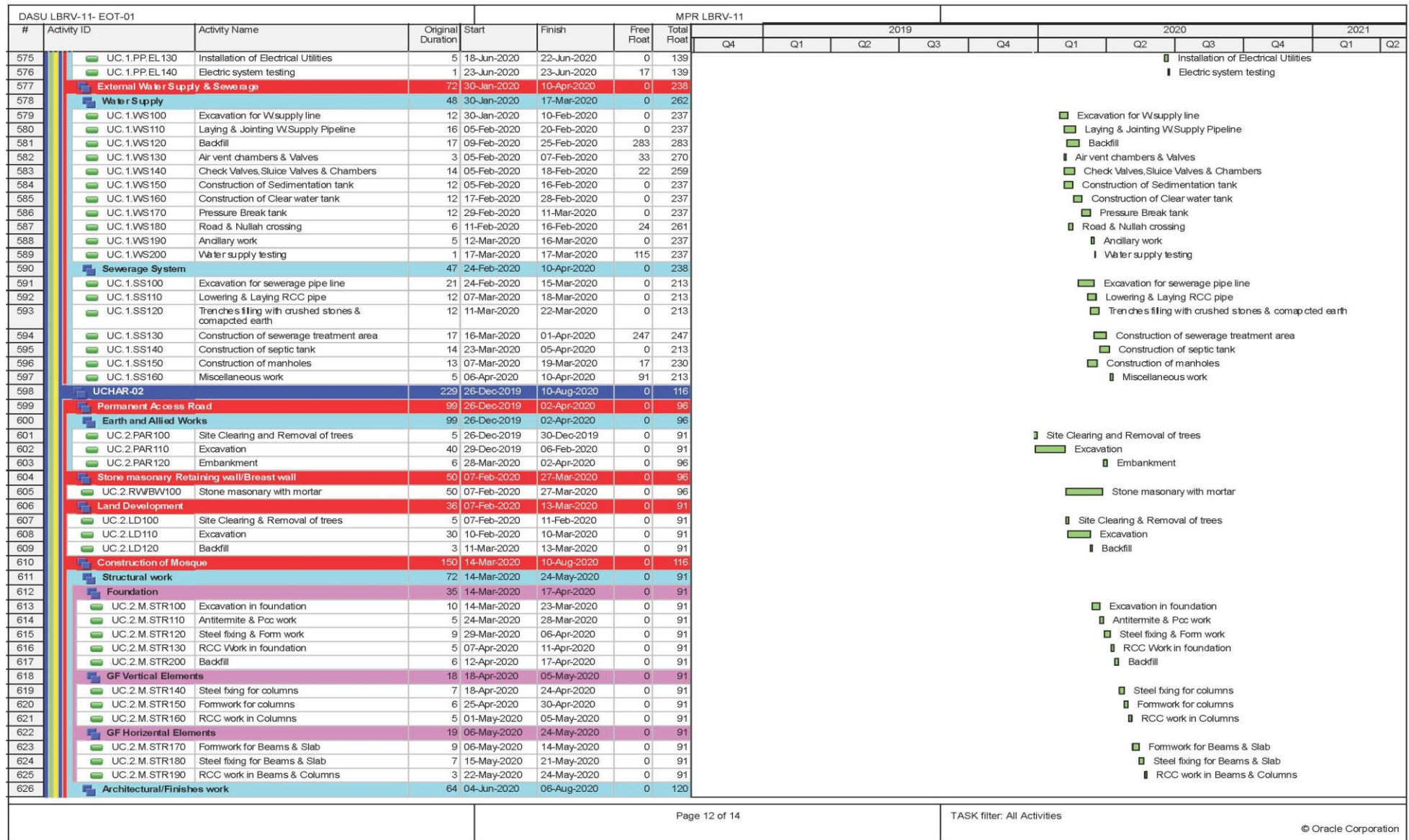
DASU LBRV-11- EOT-01		MPR LBRV-11																	
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
469	UC.1.M.STR160	RCC work in Columns	5	02-Mar-2020	06-Mar-2020	0	152												
470	GF Horizontal Elements		19	07-Mar-2020	25-Mar-2020	0	152												
471	UC.1.M.STR170	Formwork for Beams & Slab	9	07-Mar-2020	15-Mar-2020	0	152												
472	UC.1.M.STR180	Steel fixing for Beams & Slab	7	16-Mar-2020	22-Mar-2020	0	152												
473	UC.1.M.STR190	RCC work in Beams & Columns	3	23-Mar-2020	25-Mar-2020	0	152												
474	Architectural/Finishes work		64	06-Apr-2020	08-Jun-2020	0	179												
475	UC.1.M.A/F100	Sand filling under floors	3	06-Apr-2020	08-Apr-2020	0	152												
476	UC.1.M.A/F110	Solid Block masonry in walls	21	09-Apr-2020	29-Apr-2020	0	152												
477	UC.1.M.A/F120	Rough flooring	5	30-Apr-2020	04-May-2020	214	214												
478	UC.1.M.A/F130	Cement sand plaster	18	08-May-2020	25-May-2020	0	152												
479	UC.1.M.A/F140	Paints work	14	26-May-2020	08-Jun-2020	0	179												
480	UC.1.M.A/F150	Wooden doors & Aluminium works	9	31-May-2020	08-Jun-2020	0	179												
481	UC.1.M.A/F160	Tile work on floors & walls	8	01-Jun-2020	08-Jun-2020	179	179												
482	UC.1.M.A/F170	Roof treatment & drainage	7	26-May-2020	01-Jun-2020	186	186												
483	UC.1.M.A/F180	Courtyard Gate	1	30-Apr-2020	30-Apr-2020	218	218												
484	UC.1.M.A/F190	Khuprail tiles on roof	7	26-May-2020	01-Jun-2020	186	186												
485	Public Health work		22	30-Apr-2020	21-May-2020	0	197												
486	UC.1.M.PH100	Installation of W/Supply fixtures & fitouts	14	30-Apr-2020	13-May-2020	0	197												
487	UC.1.M.PH110	Installation of P/Health Utilities & drainage	7	14-May-2020	20-May-2020	0	197												
488	UC.1.M.PH120	RCC sewer pipe & manhole	5	16-May-2020	20-May-2020	0	197												
489	UC.1.M.PH130	P/Health & W/Supply testing	1	21-May-2020	21-May-2020	197	197												
490	Internal Electrification		42	30-Apr-2020	10-Jun-2020	0	152												
491	UC.1.M.EL100	Electrical Conduit & Back boxes fixing	8	30-Apr-2020	07-May-2020	0	152												
492	UC.1.M.EL110	Cable pulling & Connections	6	26-May-2020	31-May-2020	0	152												
493	UC.1.M.EL120	Distribution Boards & Fitouts	6	01-Jun-2020	06-Jun-2020	0	152												
494	UC.1.M.EL130	Installation of Electrical Utilities	5	05-Jun-2020	09-Jun-2020	0	152												
495	UC.1.M.EL140	Electric system testing	1	10-Jun-2020	10-Jun-2020	30	152												
496	Construction of High School		164	14-Jan-2020	25-Jun-2020	0	162												
497	Structural work		85	14-Jan-2020	07-Apr-2020	0	137												
498	Foundation		34	14-Jan-2020	16-Feb-2020	0	137												
499	UC.1.HS.STR100	Excavation in foundation	14	14-Jan-2020	27-Jan-2020	0	137												
500	UC.1.HS.STR110	Antitermite & Pcc work	10	21-Jan-2020	30-Jan-2020	0	137												
501	UC.1.HS.STR120	Steel fixing & Form work	9	31-Jan-2020	08-Feb-2020	0	137												
502	UC.1.HS.STR130	RCC Work	3	09-Feb-2020	11-Feb-2020	0	137												
503	UC.1.HS.STR140	Backfill	5	12-Feb-2020	16-Feb-2020	0	137												
504	GF Vertical Elements		19	17-Feb-2020	06-Mar-2020	0	137												
505	UC.1.HS.STR150	Steel fixing for columns	10	17-Feb-2020	26-Feb-2020	0	137												
506	UC.1.HS.STR160	Formwork for columns	7	27-Feb-2020	04-Mar-2020	0	137												
507	UC.1.HS.STR170	RCC work in Columns	2	05-Mar-2020	06-Mar-2020	0	137												
508	GF Horizontal Elements		32	07-Mar-2020	07-Apr-2020	0	137												
509	UC.1.HS.STR180	Formwork for Beams & Slab	16	07-Mar-2020	22-Mar-2020	0	137												
510	UC.1.HS.STR190	Steel fixing for Beams & Slab	14	23-Mar-2020	05-Apr-2020	0	137												
511	UC.1.HS.STR200	RCC work in Beams & Slab	2	06-Apr-2020	07-Apr-2020	0	137												
512	Architectural/Finishes work		69	08-Apr-2020	15-Jun-2020	0	172												
513	UC.1.HS.A/F100	Sand filling under floors	3	08-Apr-2020	10-Apr-2020	0	137												
514	UC.1.HS.A/F110	Block masonry in walls	22	11-Apr-2020	02-May-2020	0	137												
515	UC.1.HS.A/F120	Cement sand plaster	19	12-May-2020	30-May-2020	0	137												
516	UC.1.HS.A/F130	Rough flooring	4	03-May-2020	06-May-2020	212	212												
517	UC.1.HS.A/F140	Paints work	16	31-May-2020	15-Jun-2020	0	172												
518	UC.1.HS.A/F150	Wooden doors & Aluminium works	9	07-Jun-2020	15-Jun-2020	0	172												
519	UC.1.HS.A/F160	Tile work on floors & walls	8	08-Jun-2020	15-Jun-2020	172	172												
520	UC.1.HS.A/F170	Main entrance Gate	1	03-May-2020	03-May-2020	215	215												
521	UC.1.HS.A/F180	Khuprail tiles on roof	7	31-May-2020	06-Jun-2020	181	181												

Gantt Chart of Dasu-LBRV-11 (10 of 14)

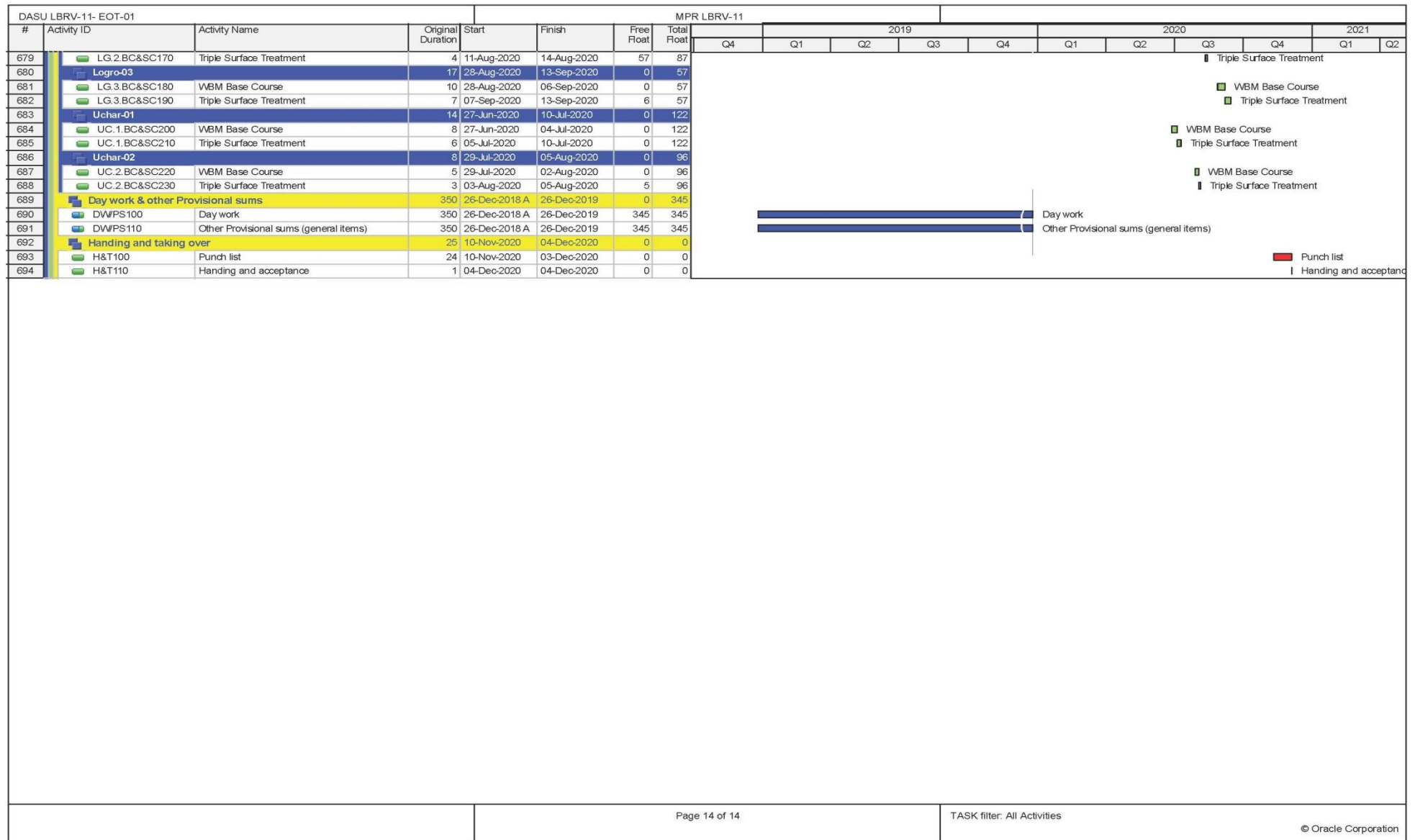
DASU LBRV-11- EOT-01				MPR LBRV-11															
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
522	Public Health work		23	03-May-2020	25-May-2020	0	193												
523	UC. 1.HS.PH100	Installation of WSupply fixtures & fitouts	10	03-May-2020	12-May-2020	0	193												■ Installation of WSupply fixtures & fitouts
524	UC. 1.HS.PH110	Installation of P.Health Utilities & drainage	8	13-May-2020	20-May-2020	0	193												■ Installation of P.Health Utilities & drainage
525	UC. 1.HS.PH120	RCC sewer pipe & manhole	5	16-May-2020	20-May-2020	0	193												■ RCC sewer pipe & manhole
526	UC. 1.HS.PH130	P.Health & W.Supply testing	1	25-May-2020	25-May-2020	193	193												■ P.Health & W.Supply testing
527	Internal Electrification		54	03-May-2020	25-Jun-2020	0	137												
528	UC. 1.HS.EL100	Electrical Conduit & Back boxes fixing	9	03-May-2020	11-May-2020	0	137												■ Electrical Conduit & Back boxes fixing
529	UC. 1.HS.EL110	Cable pulling & Connections	7	31-May-2020	06-Jun-2020	0	137												■ Cable pulling & Connections
530	UC. 1.HS.EL120	Distribution Boards & Fitouts	6	14-Jun-2020	19-Jun-2020	0	137												■ Distribution Boards & Fitouts
531	UC. 1.HS.EL130	Installation of Electrical Utilities	5	20-Jun-2020	24-Jun-2020	0	137												■ Installation of Electrical Utilities
532	UC. 1.HS.EL140	Electric system testing	1	25-Jun-2020	25-Jun-2020	15	137												■ Electric system testing
533	Construction of Police Post		146	30-Jan-2020	23-Jun-2020	0	164												
534	UC. 1.PP.LD.100	Land development/creating slopes & lawns	15	30-Jan-2020	13-Feb-2020	0	139												■ Land development/creating slopes & lawns
535	Structural work		86	30-Jan-2020	24-Apr-2020	0	139												
536	Foundation		17	30-Jan-2020	15-Feb-2020	0	139												
537	UC. 1.PP.STR100	Excavation in foundation	3	30-Jan-2020	01-Feb-2020	0	139												■ Excavation in foundation
538	UC. 1.PP.STR110	Anittemite & Pcc work	2	02-Feb-2020	03-Feb-2020	0	139												■ Anittemite & Pcc work
539	UC. 1.PP.STR120	Steel fixing & Form work	6	04-Feb-2020	09-Feb-2020	0	139												■ Steel fixing & Form work
540	UC. 1.PP.STR130	RCC Work	1	10-Feb-2020	10-Feb-2020	0	139												■ RCC Work
541	UC. 1.PP.STR140	Backfill	5	11-Feb-2020	15-Feb-2020	0	139												■ Backfill
542	GF Vertical Elements		13	16-Feb-2020	28-Feb-2020	0	139												
543	UC. 1.PP.STR150	Steel fixing for columns	6	16-Feb-2020	21-Feb-2020	0	139												■ Steel fixing for columns
544	UC. 1.PP.STR160	Formwork for columns	5	22-Feb-2020	26-Feb-2020	0	139												■ Formwork for columns
545	UC. 1.PP.STR170	RCC work in Columns	2	27-Feb-2020	28-Feb-2020	0	139												■ RCC work in Columns
546	GF Horizontal Elements		15	29-Feb-2020	14-Mar-2020	0	139												
547	UC. 1.PP.STR180	Formwork for Beams & Slab	8	29-Feb-2020	07-Mar-2020	0	139												■ Formwork for Beams & Slab
548	UC. 1.PP.STR190	Steel fixing for Beams & Slab	6	08-Mar-2020	13-Mar-2020	0	139												■ Steel fixing for Beams & Slab
549	UC. 1.PP.STR200	RCC work in Beams & Slab	1	14-Mar-2020	14-Mar-2020	0	139												■ RCC work in Beams & Slab
550	FF Vertical Elements		14	25-Mar-2020	07-Apr-2020	0	139												
551	UC. 1.PP.STR210	Steel fixing for columns	7	25-Mar-2020	31-Mar-2020	0	139												■ Steel fixing for columns
552	UC. 1.PP.STR220	Formwork for columns	5	01-Apr-2020	05-Apr-2020	0	139												■ Formwork for columns
553	UC. 1.PP.STR230	RCC work in Columns	2	06-Apr-2020	07-Apr-2020	0	139												■ RCC work in Columns
554	FF Horizontal Elements		17	08-Apr-2020	24-Apr-2020	0	139												
555	UC. 1.PP.STR240	Formwork for Beams & Slab	9	08-Apr-2020	16-Apr-2020	0	139												■ Formwork for Beams & Slab
556	UC. 1.PP.STR250	Steel fixing for Beams & Slab	7	17-Apr-2020	23-Apr-2020	0	139												■ Steel fixing for Beams & Slab
557	UC. 1.PP.STR260	RCC work in Beams & Slab	1	24-Apr-2020	24-Apr-2020	0	139												■ RCC work in Beams & Slab
558	Architectural/Finishes work		48	05-May-2020	21-Jun-2020	0	166												
559	UC. 1.PP.A/F100	Block masonry in walls	14	05-May-2020	18-May-2020	0	139												■ Block masonry in walls
560	UC. 1.PP.A/F110	Cement sand plaster	12	29-May-2020	09-Jun-2020	0	139												■ Cement sand plaster
561	UC. 1.PP.A/F120	Doors, windows & ventilators	8	10-Jun-2020	17-Jun-2020	170	170												■ Doors, windows & ventilators
562	UC. 1.PP.A/F130	Paint work	10	10-Jun-2020	19-Jun-2020	0	166												■ Paint work
563	UC. 1.PP.A/F140	Tileswork on floors & walls	8	12-Jun-2020	19-Jun-2020	0	166												■ Tileswork on floors & walls
564	UC. 1.PP.A/F150	Khuprail tiles on slant roof	7	10-Jun-2020	16-Jun-2020	171	171												■ Khuprail tiles on slant roof
565	UC. 1.PP.A/F160	Miscellaneous Works	2	20-Jun-2020	21-Jun-2020	166	166												■ Miscellaneous Works
566	Public Health work		18	19-May-2020	05-Jun-2020	0	182												
567	UC. 1.PP.PH100	Installation of WSupply fixtures & fitouts	11	19-May-2020	29-May-2020	0	182												■ Installation of WSupply fixtures & fitouts
568	UC. 1.PP.PH110	Installation of P.Health Utilities & drainage	6	30-May-2020	04-Jun-2020	0	182												■ Installation of P.Health Utilities & drainage
569	UC. 1.PP.PH120	RCC sewer pipe & manhole	5	31-May-2020	04-Jun-2020	0	182												■ RCC sewer pipe & manhole
570	UC. 1.PP.PH130	P.Health & W.Supply testing	1	05-Jun-2020	05-Jun-2020	182	182												■ P.Health & W.Supply testing
571	Internal Electrification		36	19-May-2020	23-Jun-2020	0	139												
572	UC. 1.PP.EL.100	Electrical Conduit & Back boxes fixing	10	19-May-2020	28-May-2020	0	139												■ Electrical Conduit & Back boxes fixing
573	UC. 1.PP.EL.110	Cable pulling & Connections	7	10-Jun-2020	16-Jun-2020	0	139												■ Cable pulling & Connections
574	UC. 1.PP.EL.120	Distribution Boards & Fitouts	6	17-Jun-2020	22-Jun-2020	0	139												■ Distribution Boards & Fitouts

Gantt Chart of Dasu-LBRV-11 (11 of 14)

Figure 20 [12/14]



Gantt Chart of Dasu-LBRV-11 (12 of 14)



Gantt Chart of Dasu-LBRV-11 (14 of 14)

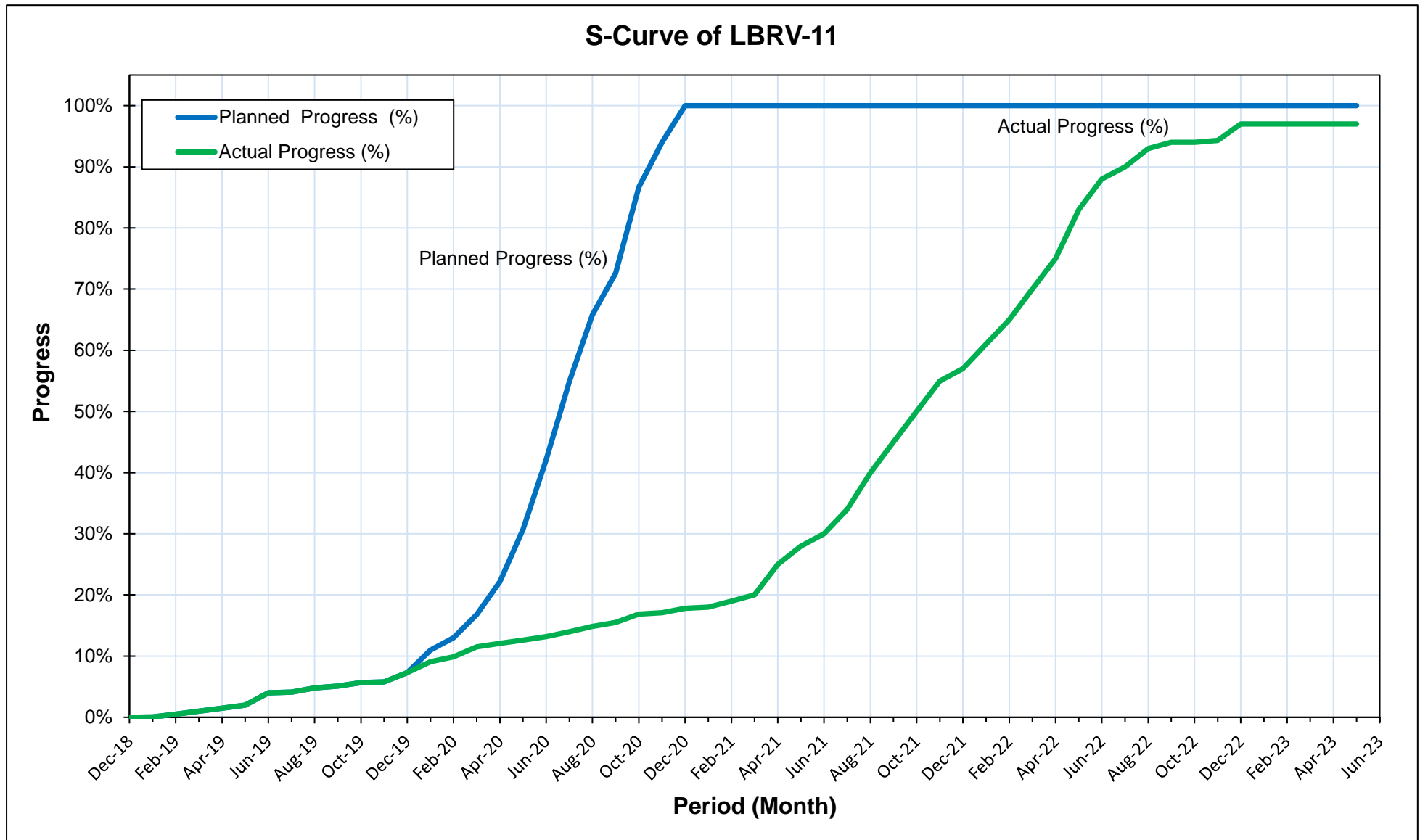


Figure 21: S-Curve for LBRV-11

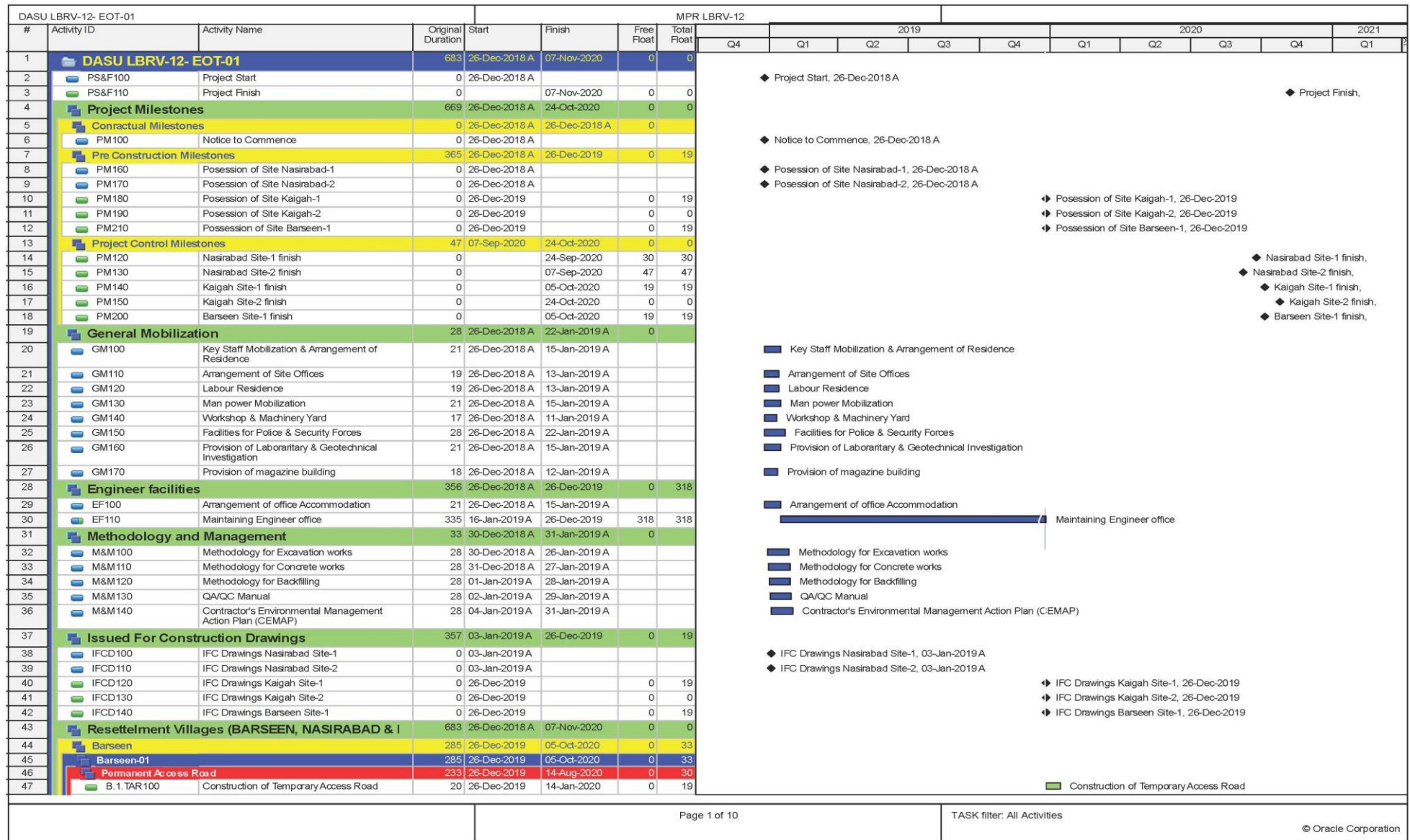
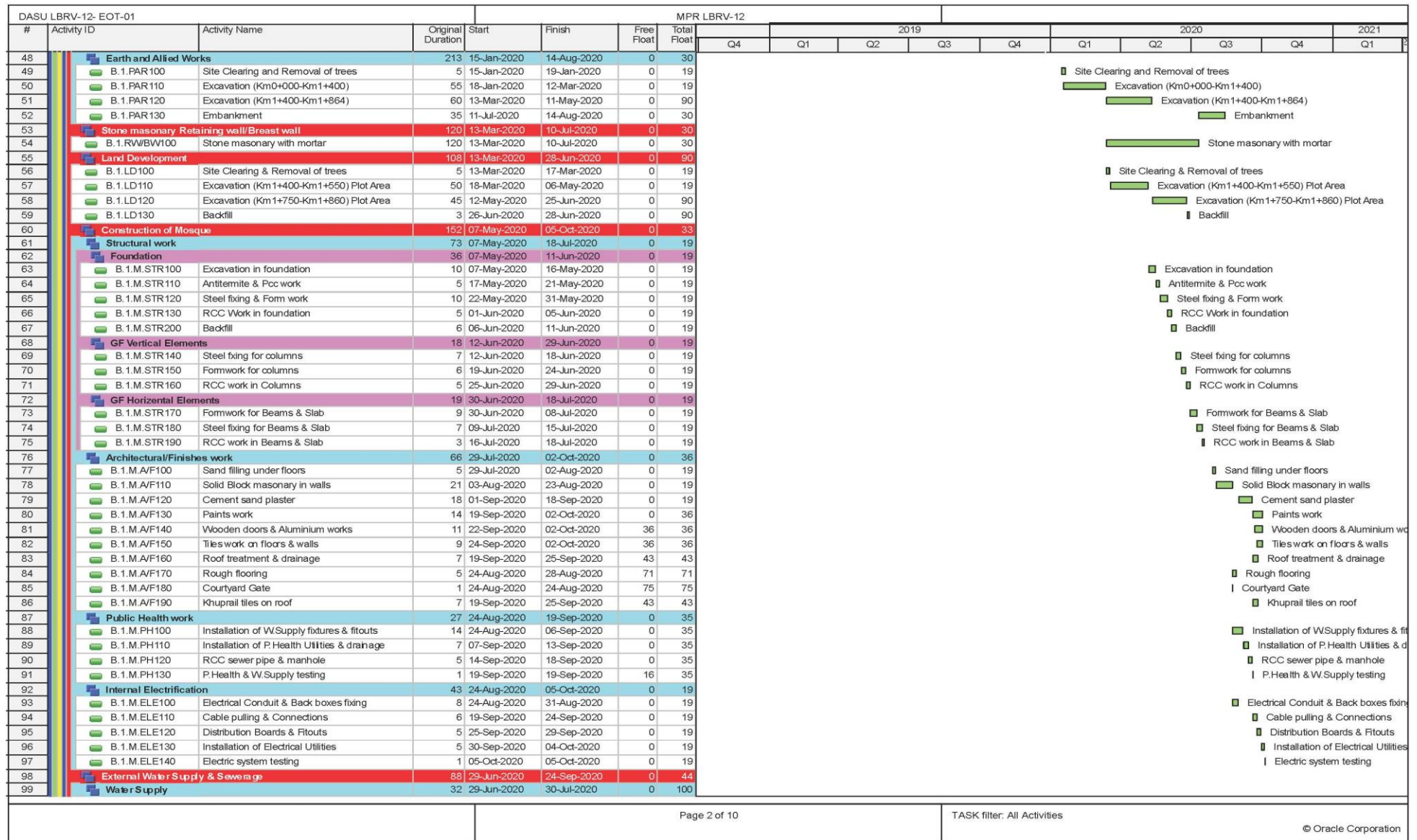
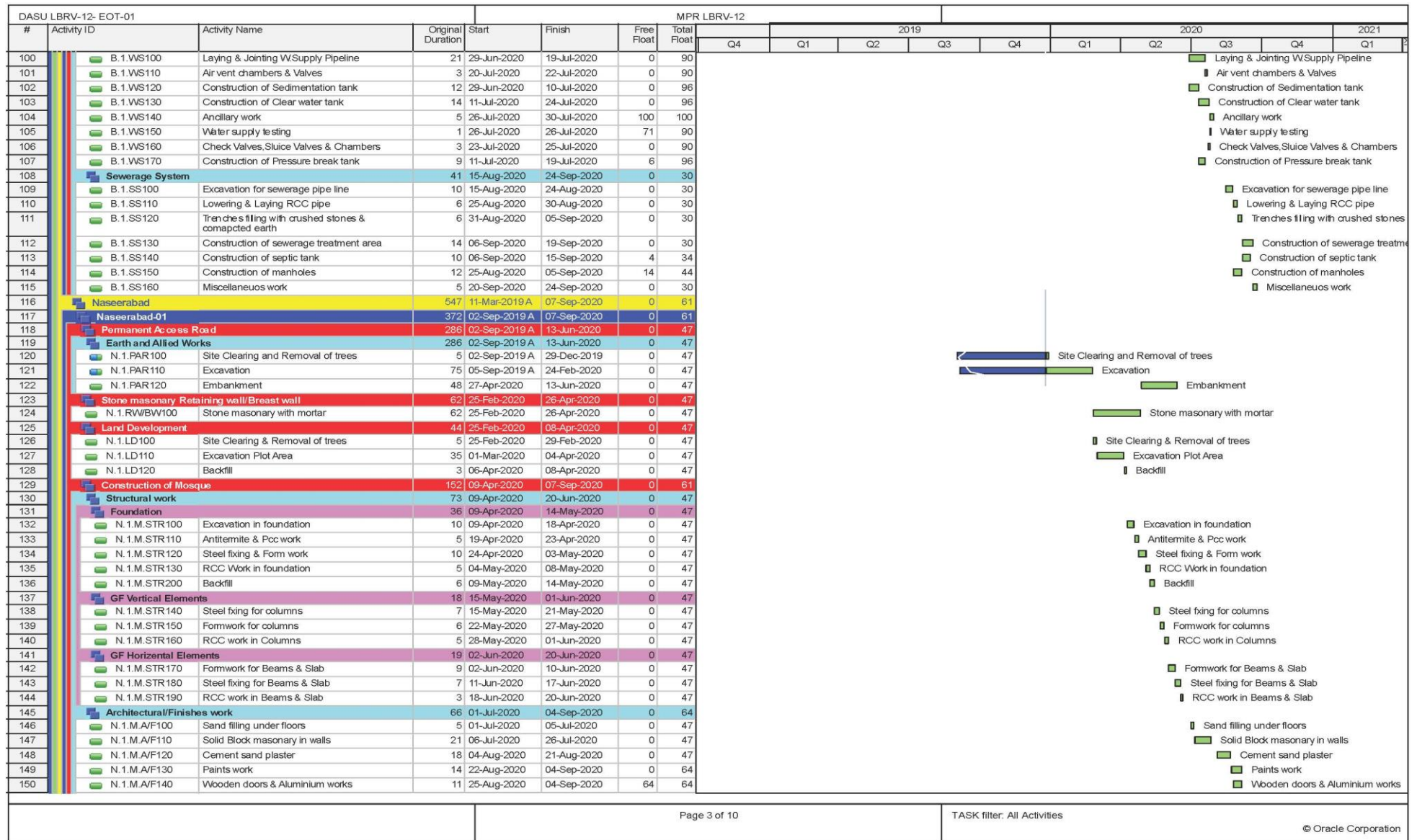


Figure 22: Gantt Chart of Dasu-LBRV-12 (1 of 10)



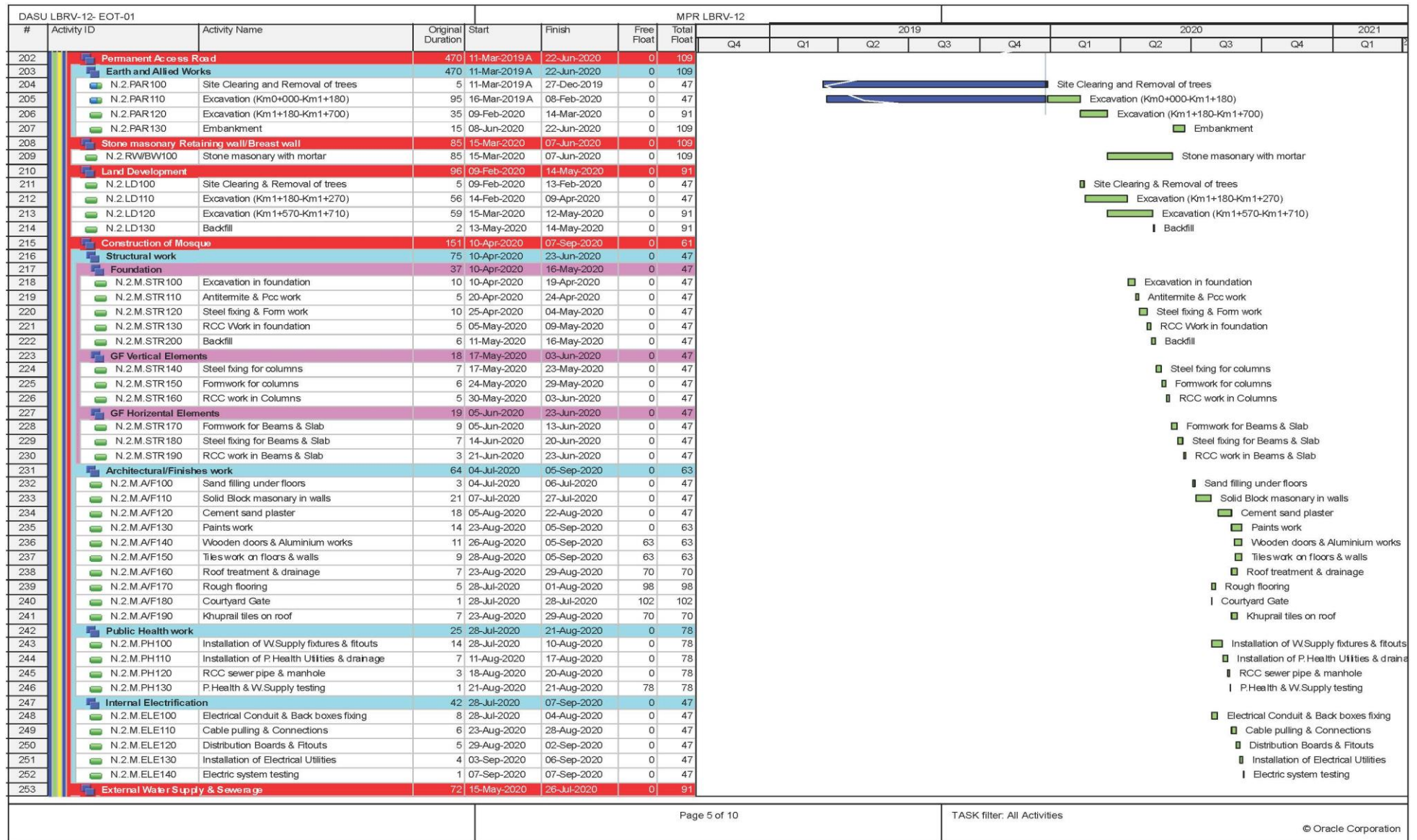
Gantt Chart of Dasu-LBRV-12 (2 of 10)



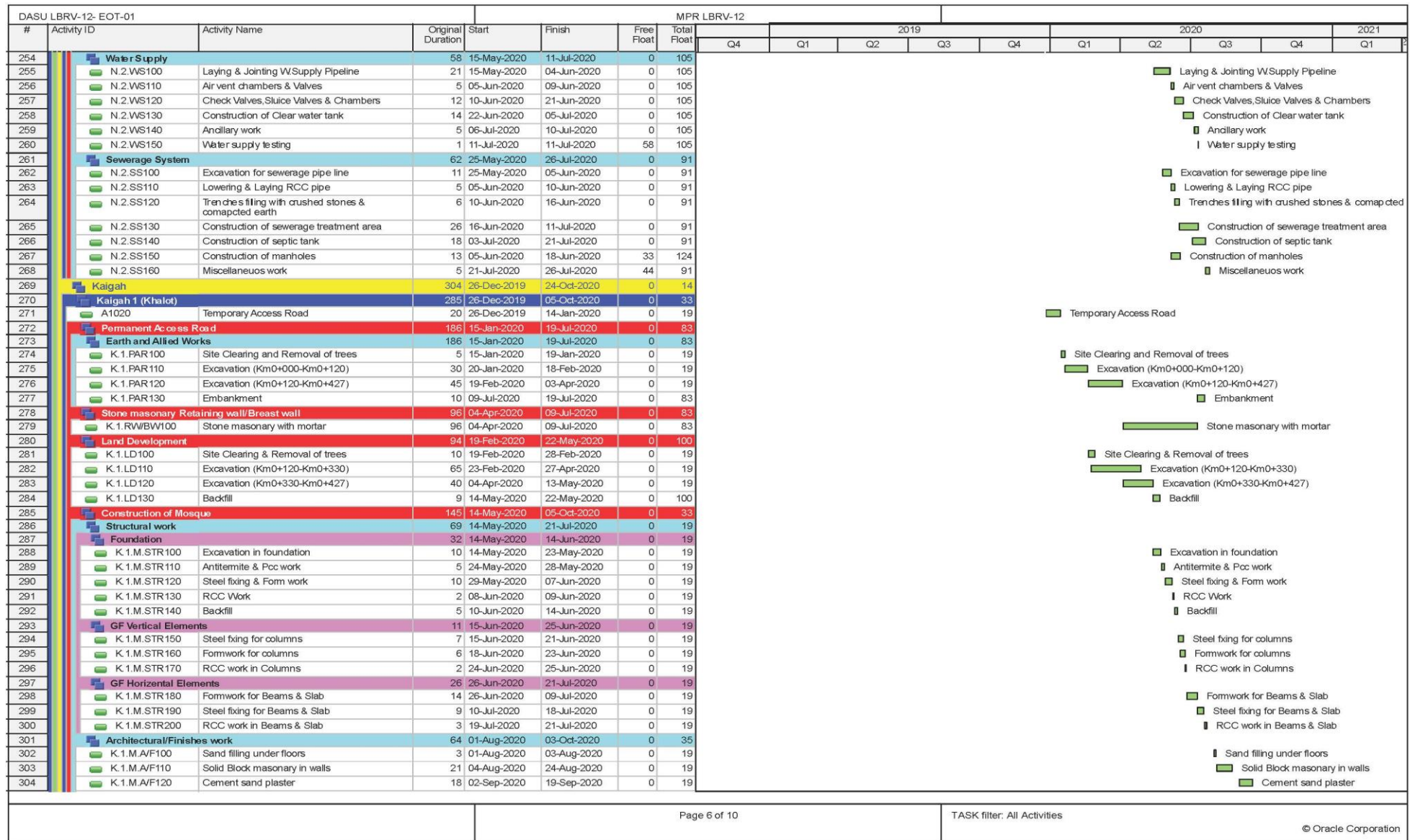
Gantt Chart of Dasu-LBRV-12 (3 of 10)

DASU LBRV-12- EOT-01				MPR LBRV-12														
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
151	N.1.M.A/F150	Tiles work on floors & walls	9	27-Aug-2020	04-Sep-2020	64	64											Tiles work on floors & walls
152	N.1.M.A/F160	Roof treatment & drainage	7	22-Aug-2020	28-Aug-2020	71	71											Roof treatment & drainage
153	N.1.M.A/F170	Rough flooring	5	27-Jul-2020	31-Jul-2020	99	99											Rough flooring
154	N.1.M.A/F180	Courtyard Gate	1	27-Jul-2020	27-Jul-2020	103	103											Courtyard Gate
155	N.1.M.A/F190	Khuprail tiles on roof	7	22-Aug-2020	28-Aug-2020	71	71											Khuprail tiles on roof
156		Public Health work	27	27-Jul-2020	22-Aug-2020	0	77											
157	N.1.M.PH100	Installation of W.Supply fixtures & fitouts	14	27-Jul-2020	09-Aug-2020	0	77											Installation of W.Supply fixtures & fitouts
158	N.1.M.PH110	Installation of P.Health Utilities & drainage	7	10-Aug-2020	16-Aug-2020	0	77											Installation of P.Health Utilities & drainage
159	N.1.M.PH120	RCC sewer pipe & manhole	5	17-Aug-2020	21-Aug-2020	0	77											RCC sewer pipe & manhole
160	N.1.M.PH130	P.Health & W.Supply testing	1	22-Aug-2020	22-Aug-2020	77	77											P.Health & W.Supply testing
161		Internal Electrification	43	27-Jul-2020	07-Sep-2020	0	47											
162	N.1.M.ELE100	Electrical Conduit & Back boxes fixing	8	27-Jul-2020	03-Aug-2020	0	47											Electrical Conduit & Back boxes fixing
163	N.1.M.ELE110	Cable pulling & Connections	6	22-Aug-2020	27-Aug-2020	0	47											Cable pulling & Connections
164	N.1.M.ELE120	Distribution Boards & Fitouts	5	28-Aug-2020	01-Sep-2020	0	47											Distribution Boards & Fitouts
165	N.1.M.ELE130	Installation of Electrical Utilities	5	02-Sep-2020	06-Sep-2020	0	47											Installation of Electrical Utilities
166	N.1.M.ELE140	Electric system testing	1	07-Sep-2020	07-Sep-2020	17	47											Electric system testing
167		External Water Supply & Sewerage	196	25-Feb-2020	07-Sep-2020	0	47											
168		Water Supply	70	24-May-2020	01-Aug-2020	0	84											
169	N.1.WS100	Laying & Jointing W.Supply Pipeline	28	24-May-2020	20-Jun-2020	0	84											Laying & Jointing W.Supply Pipeline
170	N.1.WS110	Air vent chambers & Valves	3	21-Jun-2020	23-Jun-2020	0	114											Air vent chambers & Valves
171	N.1.WS120	Check Valves,Sluice Valves & Chambers	3	24-Jun-2020	26-Jun-2020	30	114											Check Valves,Sluice Valves & Chambers
172	N.1.WS130	Construction of Sedimentation tank	12	21-Jun-2020	02-Jul-2020	24	108											Construction of Sedimentation tank
173	N.1.WS140	Construction of Clear water tank	18	21-Jun-2020	08-Jul-2020	0	84											Construction of Clear water tank
174	N.1.WS150	Construction of Pressure break tank	18	09-Jul-2020	26-Jul-2020	0	84											Construction of Pressure break tank
175	N.1.WS160	Ancillary work	5	27-Jul-2020	31-Jul-2020	0	84											Ancillary work
176	N.1.WS170	Water supply testing	1	01-Aug-2020	01-Aug-2020	54	84											Water supply testing
177		Sewerage System	41	29-Jul-2020	07-Sep-2020	0	47											
178	N.1.SS100	Excavation for sewerage pipe line	10	29-Jul-2020	07-Aug-2020	0	47											Excavation for sewerage pipe line
179	N.1.SS110	Lowering & Laying RCC pipe	6	08-Aug-2020	13-Aug-2020	0	47											Lowering & Laying RCC pipe
180	N.1.SS120	Trenches filling with crushed stones & compacted earth	6	14-Aug-2020	19-Aug-2020	0	47											Trenches filling with crushed stones & compacted earth
181	N.1.SS130	Construction of sewerage treatment area	14	20-Aug-2020	02-Sep-2020	0	47											Construction of sewerage treatment area
182	N.1.SS140	Construction of septic tank	10	20-Aug-2020	29-Aug-2020	4	51											Construction of septic tank
183	N.1.SS150	Construction of manholes	12	14-Aug-2020	25-Aug-2020	8	55											Construction of manholes
184	N.1.SS220	Miscellaneous work	5	03-Sep-2020	07-Sep-2020	17	47											Miscellaneous work
185		Construction of Tyrolean weir	131	25-Feb-2020	04-Jul-2020	0	112											
186		Earth works	83	25-Feb-2020	17-May-2020	0	112											
187	N.1.TW090	Site Possession	0	25-Feb-2020		0	112											Site Possession, 25-Feb-2020
188	N.1.TW100	Excavation	20	25-Feb-2020	15-Mar-2020	0	112											Excavation
189	N.1.TW110	Backfill	5	13-May-2020	17-May-2020	0	112											Backfill
190		Concrete works	58	16-Mar-2020	12-May-2020	0	112											
191	N.1.TW120	PCC work	38	16-Mar-2020	23-Apr-2020	0	112											PCC work
192	N.1.TW130	Steel fixing	28	31-Mar-2020	27-Apr-2020	0	112											Steel fixing
193	N.1.TW140	Form work	19	10-Apr-2020	28-Apr-2020	0	112											Form work
194	N.1.TW150	RCC works	14	29-Apr-2020	12-May-2020	0	112											RCC works
195		Mslc. Works	48	18-May-2020	04-Jul-2020	0	112											
196	N.1.TW160	Stone masonry with mortar	20	18-May-2020	06-Jun-2020	0	112											Stone masonry with mortar
197	N.1.TW170	Spawl bedding under Apron	6	07-Jun-2020	12-Jun-2020	0	112											Spawl bedding under Apron
198	N.1.TW180	Dry stone masonry	10	20-Jun-2020	29-Jun-2020	0	112											Dry stone masonry
199	N.1.TW190	Ancillaries	5	30-Jun-2020	04-Jul-2020	82	112											Ancillaries
200		Naseerabad-02	547	11-Mar-2019 A	07-Sep-2020	0	61											
201	A1010	Temporary Access Road	0	11-Mar-2019 A	11-Mar-2019 A													Temporary Access Road

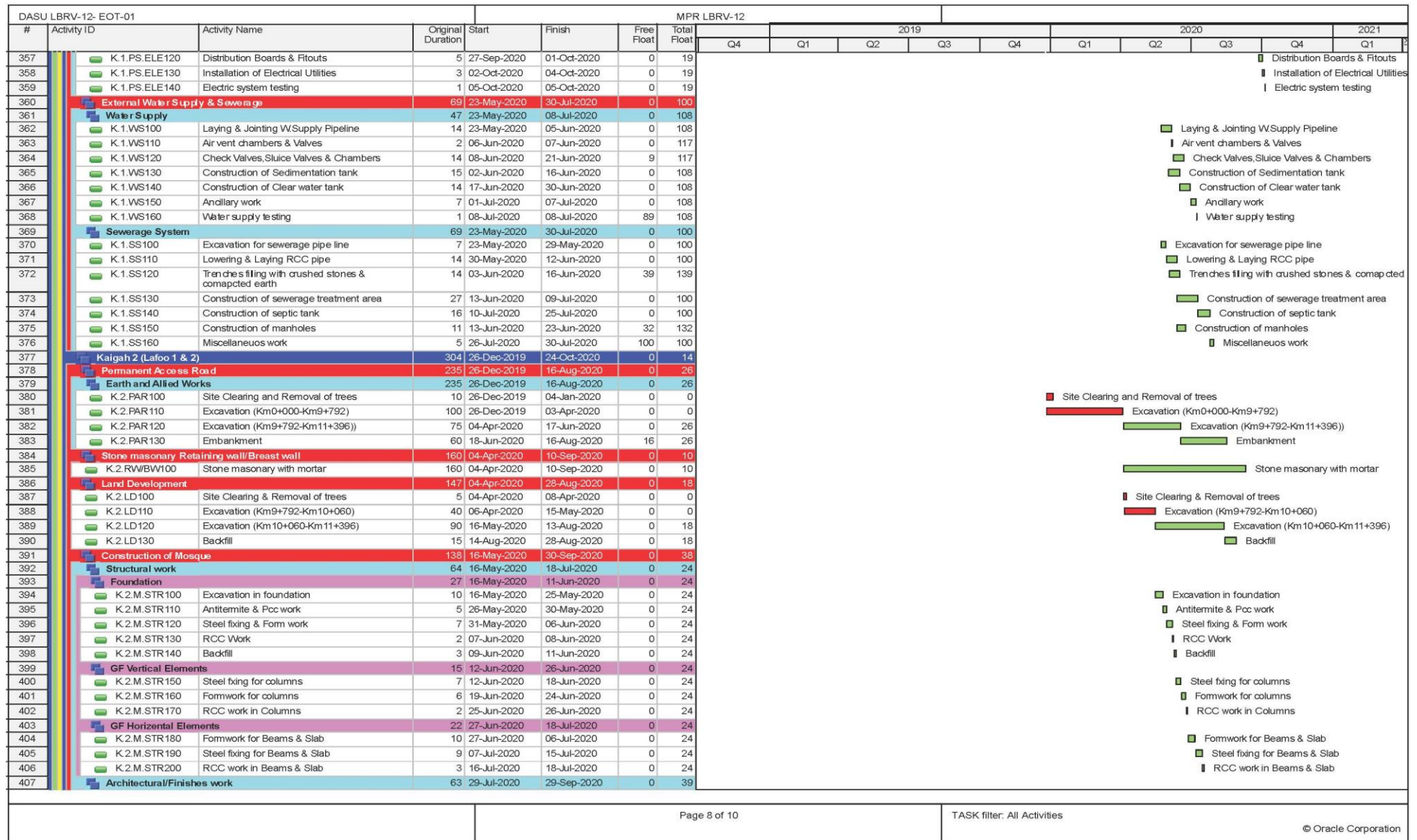
Gantt Chart of Dasu-LBRV-12 (4 of 10)



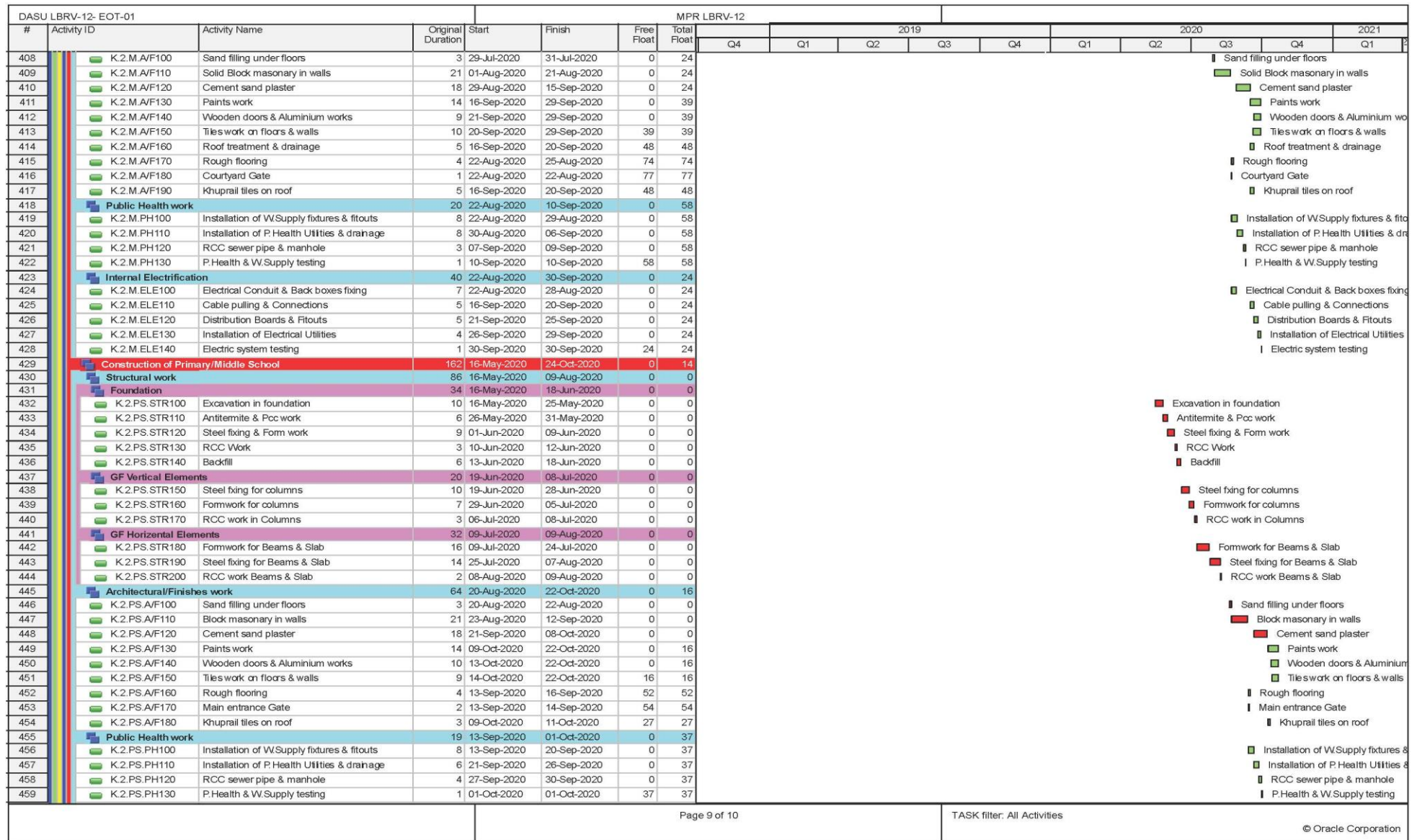
Gantt Chart of Dasu-LBRV-12 (5 of 10)



Gantt Chart of Dasu-LBRV-12 (6 of 10)

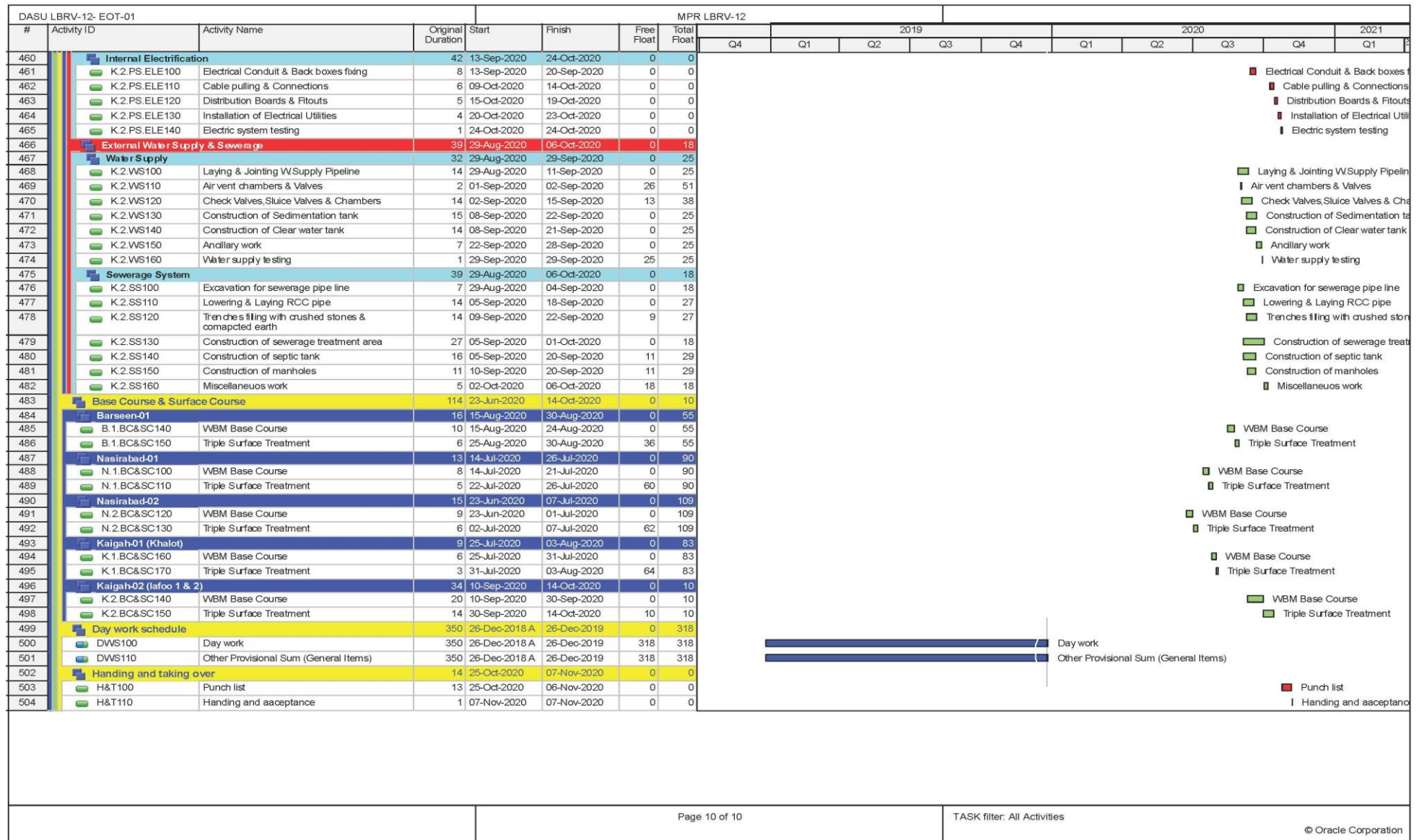


Gantt Chart of Dasu-LBRV-12 (8 of 10)



Gantt Chart of Dasu-LBRV-12 (9 of 10)

Figure 22 [10/10]



Gantt Chart of Dasu-LBRV-12 (10 of 10)

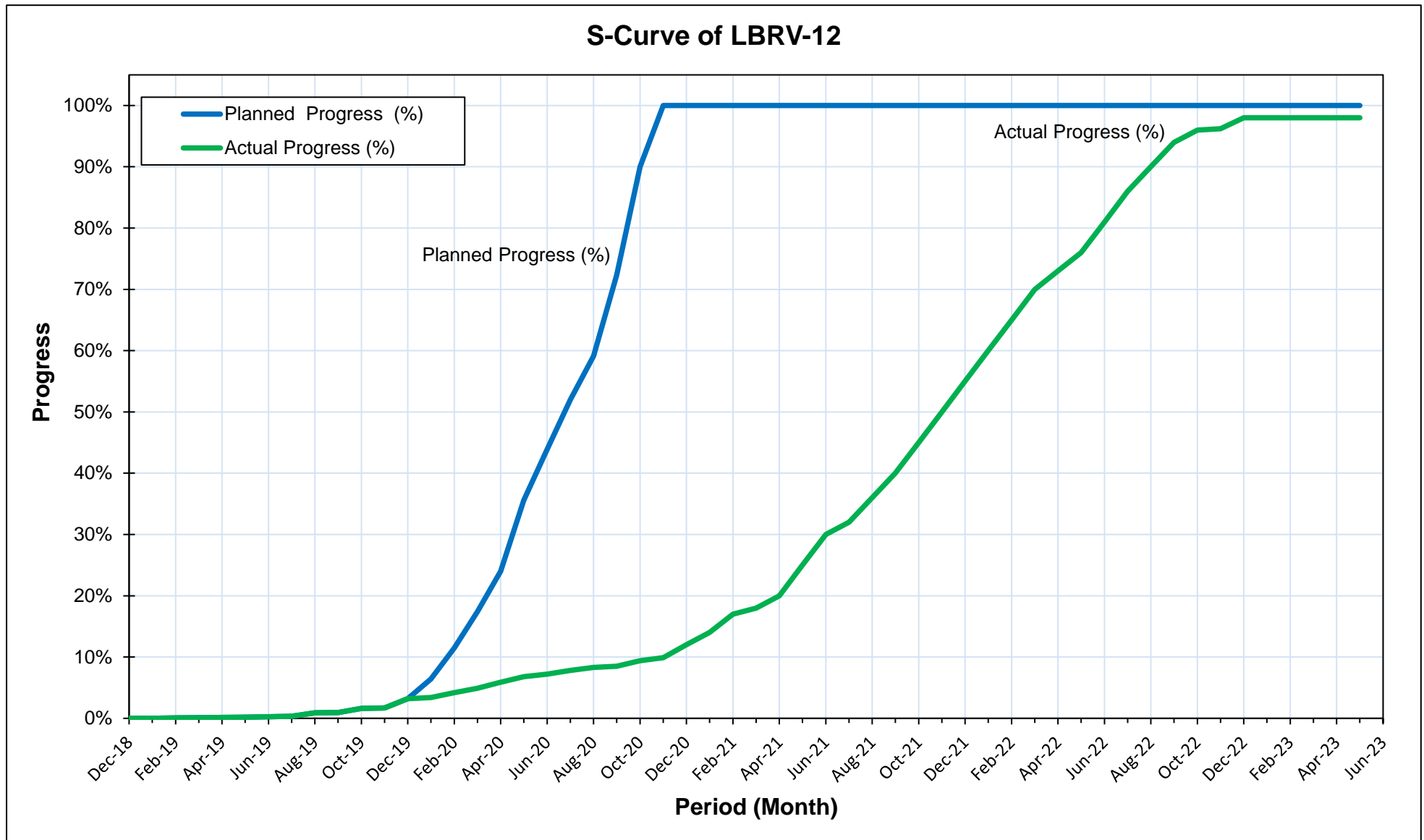


Figure 23: S-Curve for LBRV-12

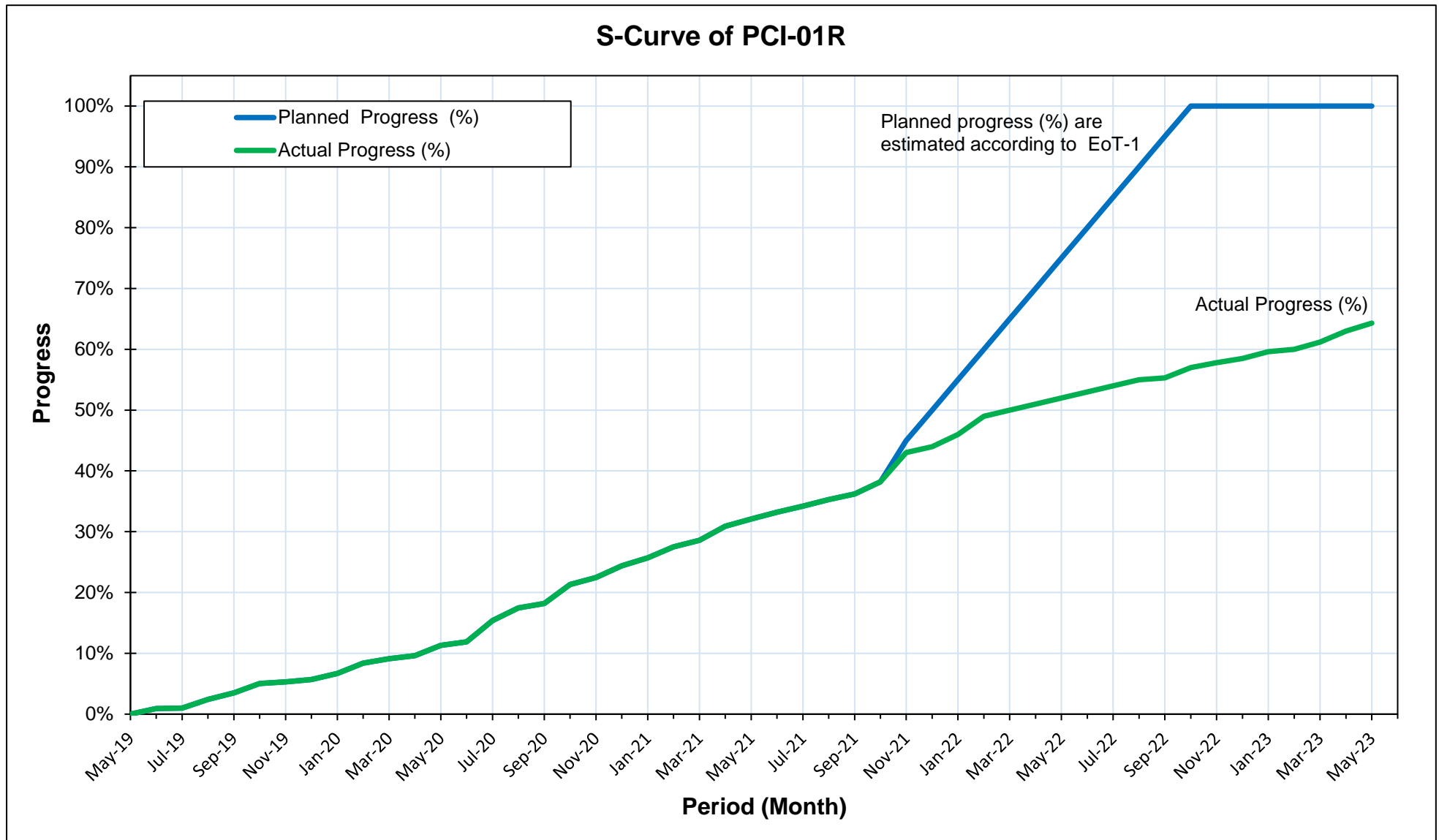


Figure 25: S-Curve for PCI-01R

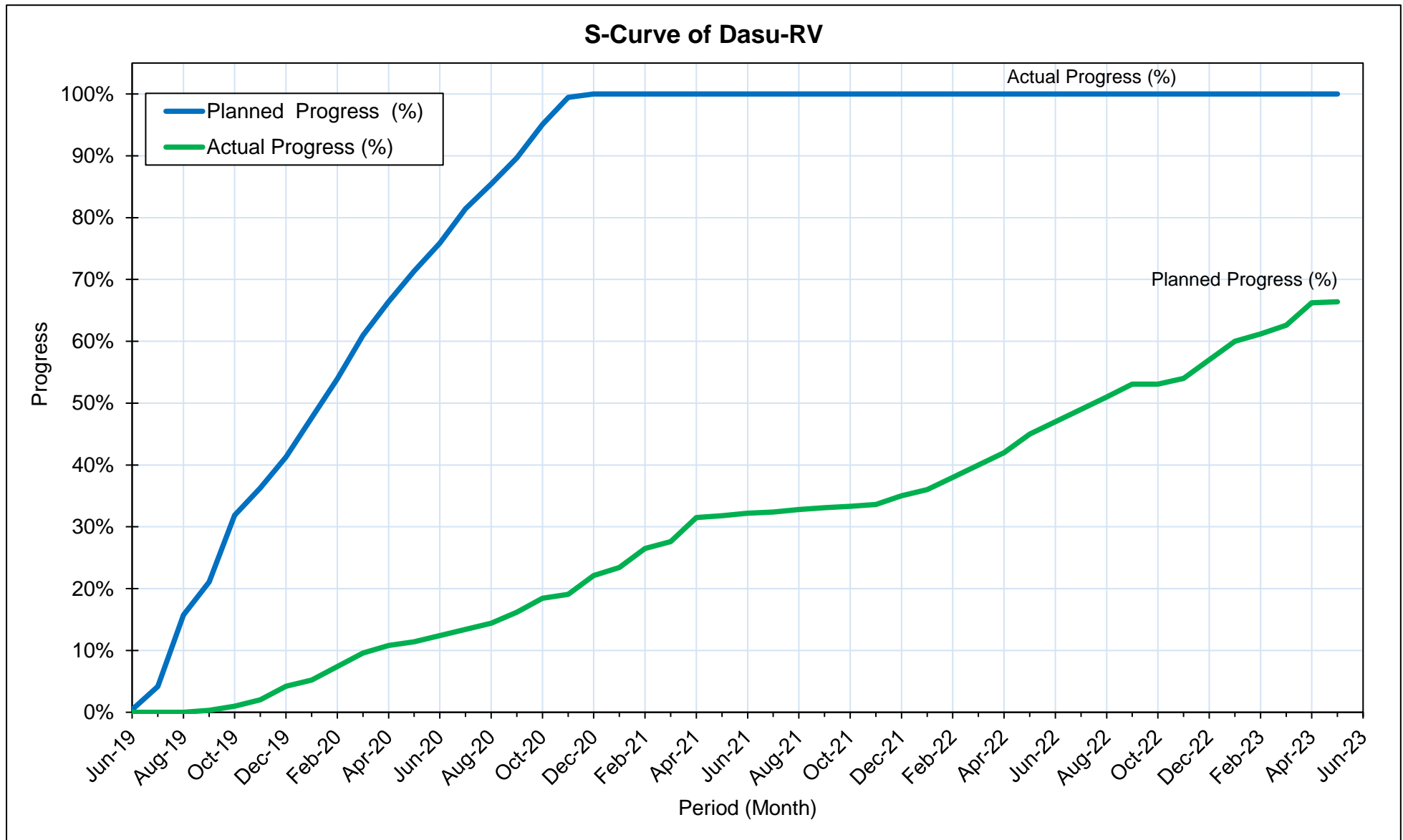


Figure 27: S-Curve for RV

Figure 28 [1/4]

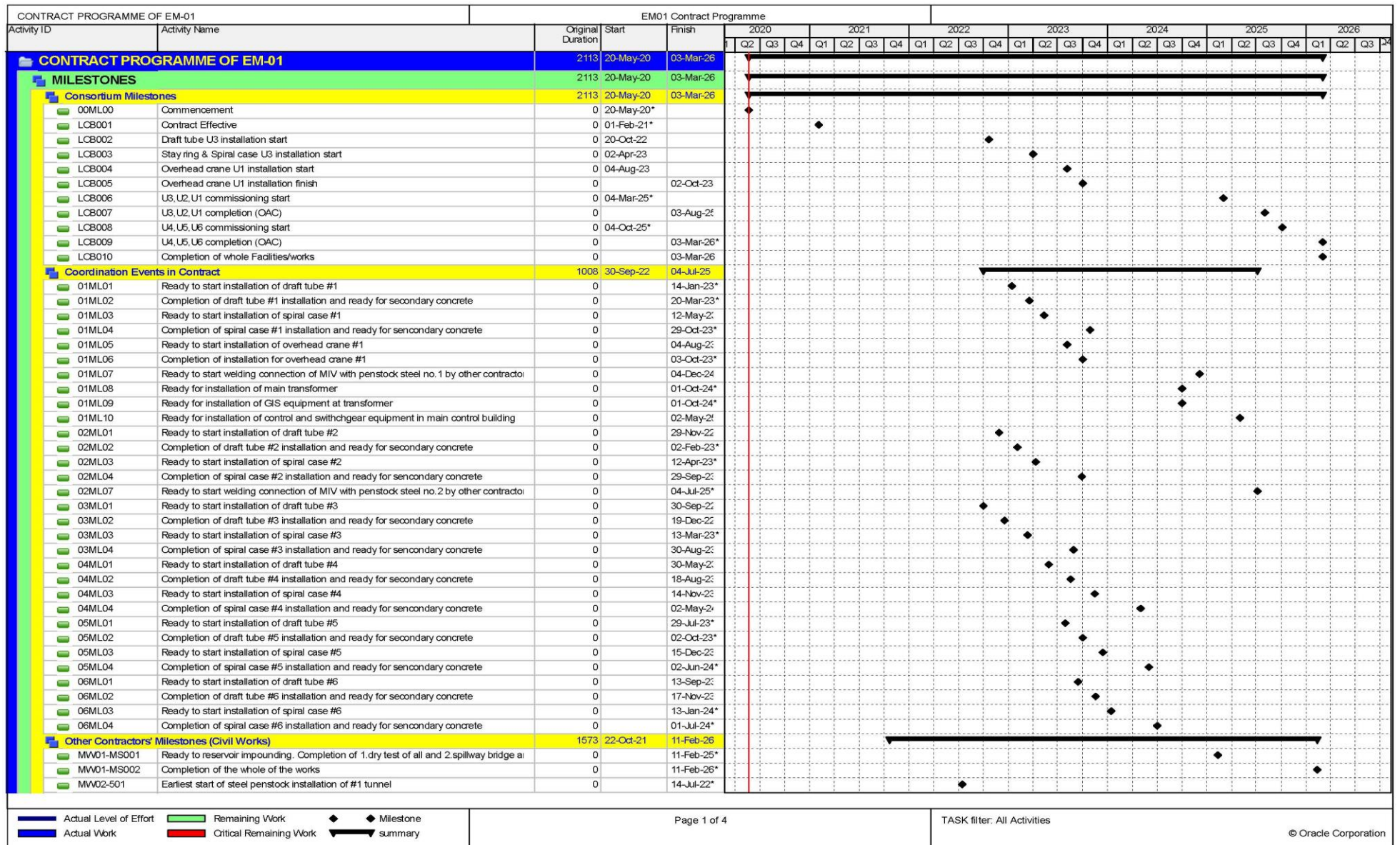
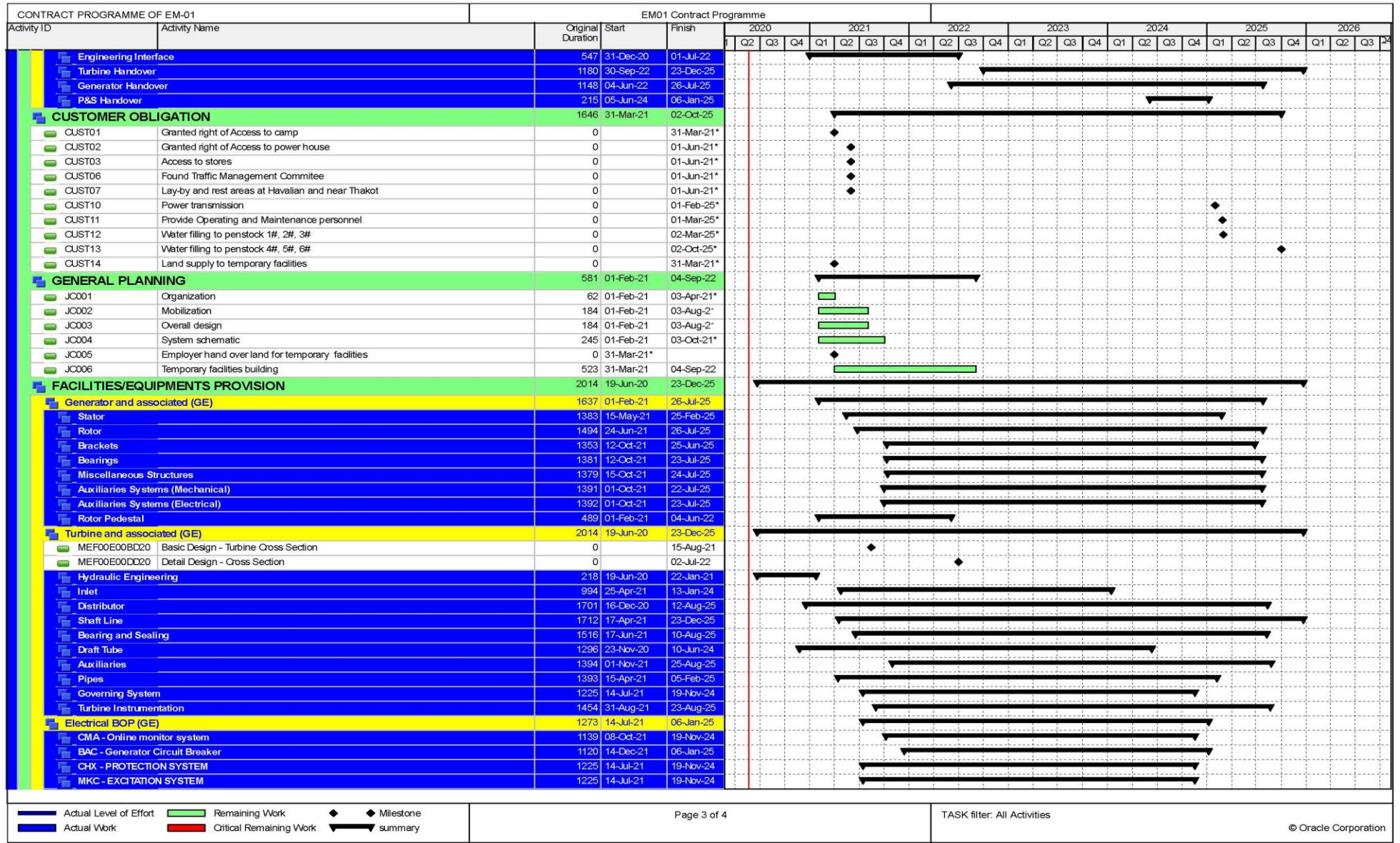


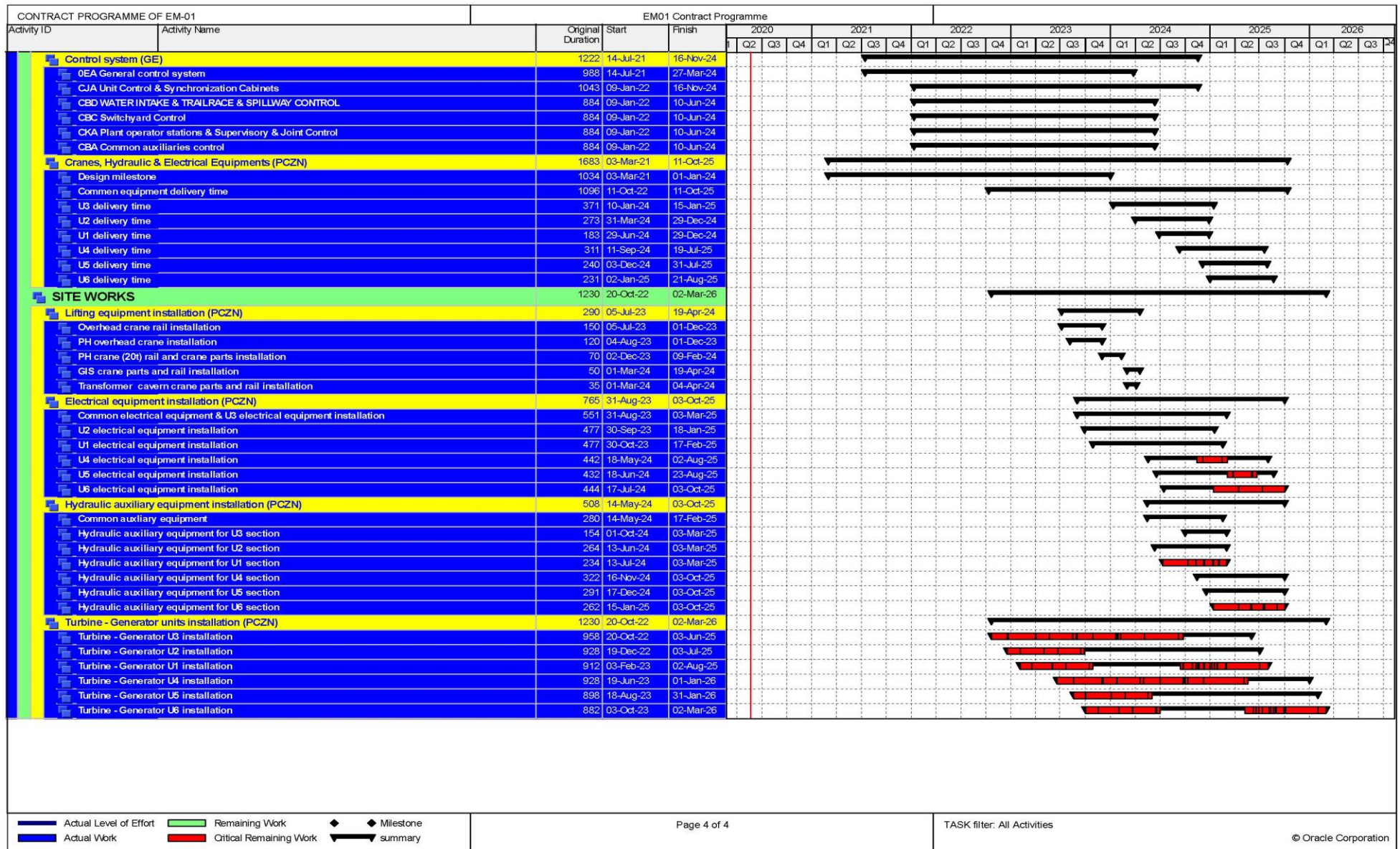
Figure 28: Gantt Chart of Dasu-EM-01 (1 of 4)

Figure 28 [3/4]



Gantt Chart of Dasu-EM-01 (3 of 4)

Figure 28 [4/4]



Gantt Chart of Dasu-EM-01 (4 of 4)

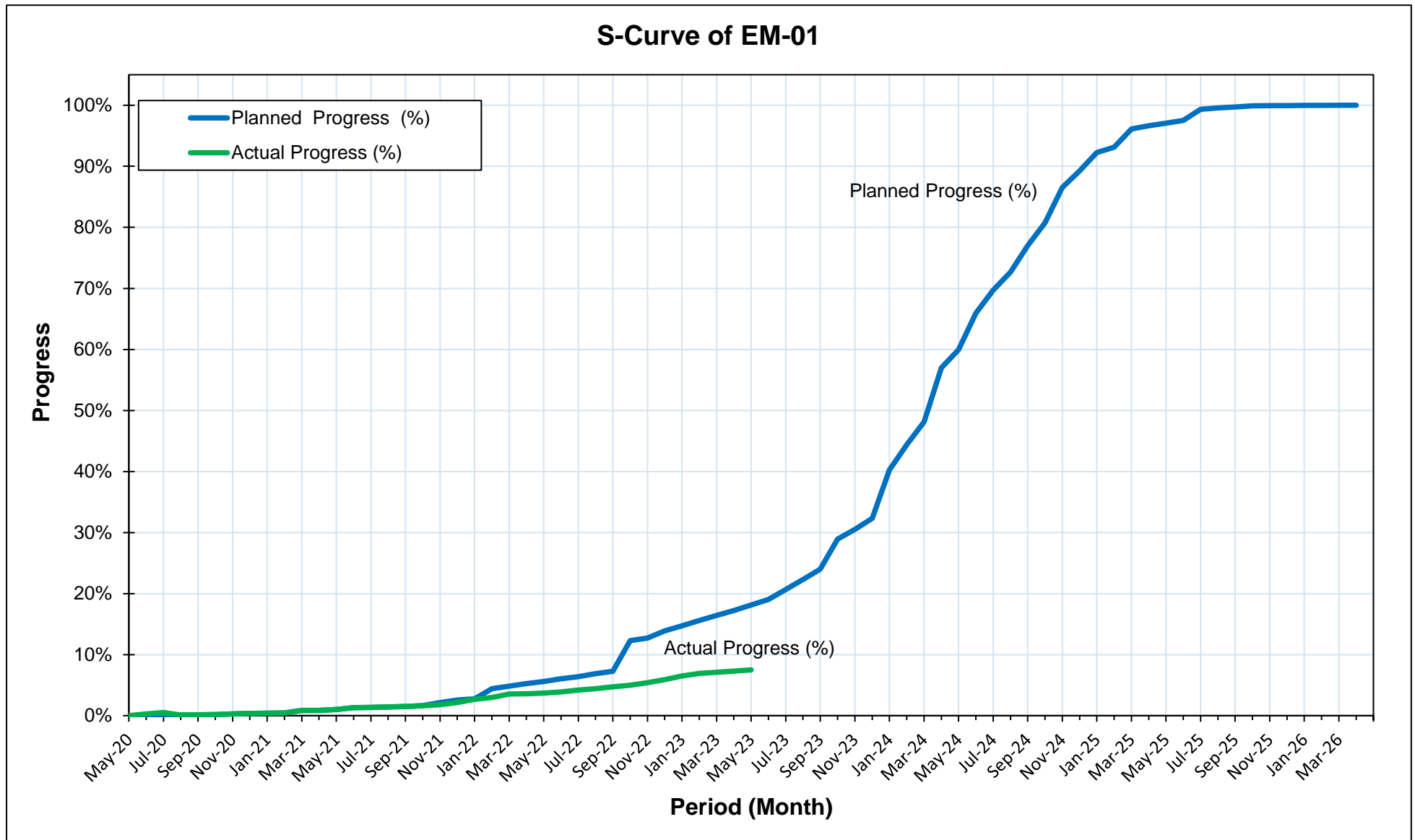


Figure 29: S-Curve for EM-01

APPENDICES

APPENDIX A

Project Activities Pictorial

Appendix A: Project Activities Pictorial

Photographs of Environment Section



The JAR test conducted for the waste water of Tholki crusher plant at CGGC Laboratory Barseen



IRCC building



IRCC Office

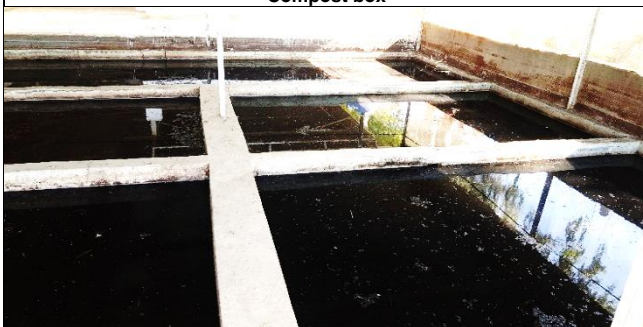
Pictorial view of the composting facility at Mardan



Compost box



Maturing box



Leachate lagoons



Shredder with generator



The compost ready for marketing

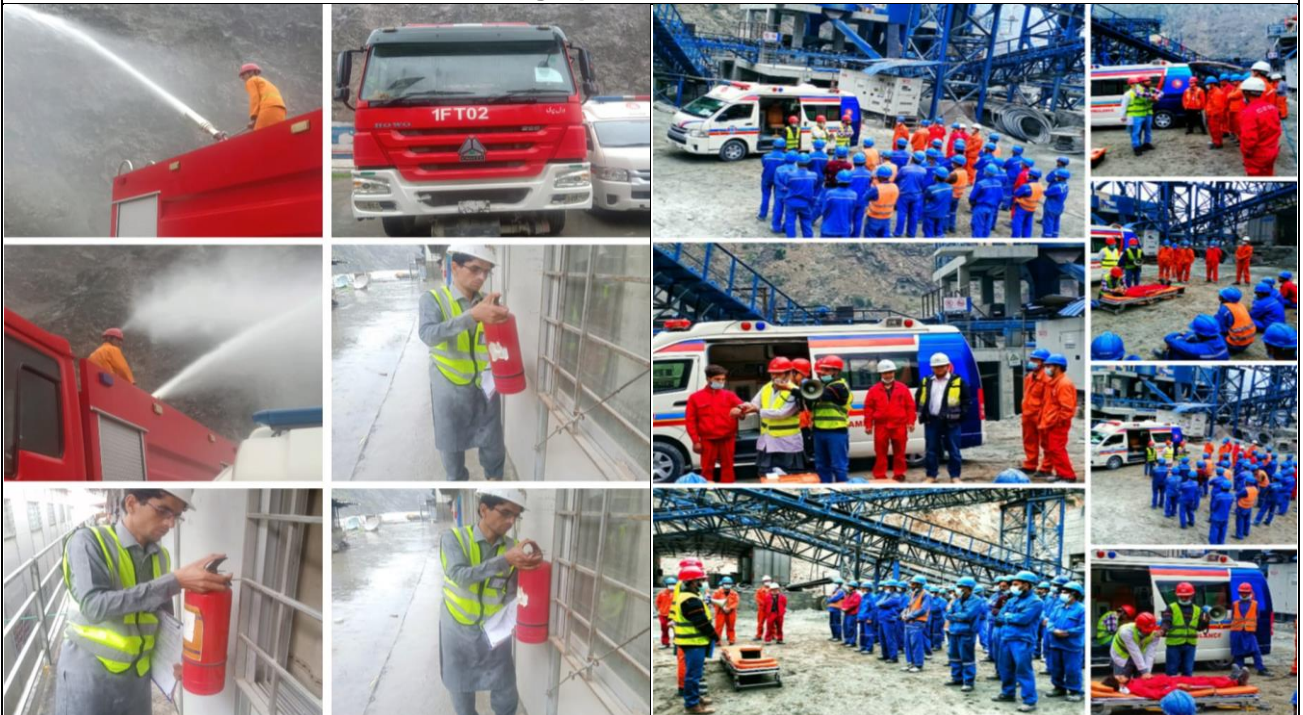


Meeting with Deputy Manager Solid waste WSSC



Facility visit with the Incharge IRCC

Photographs of OHS Section



The monthly inspection of fire fighting equipment was conducted by DHC OHS staff at MW-01 and MW-02 Contract.

The first aid training conducted by M/s CGGC at the New Uchar Crushing Plant



The monthly inspection of first aid station conducted by DHC Medical Technician at KKH01

The monthly inspection of first aid station and ambulance conducted by DHC Medical Technician at MW01



Monthly OHS commitee meeting organized by M/s CGGC at Barseen and attended by DHC Senior OHS staff and WAPDA



The 2nd session of ISO 45001 Lead Auditor training was successfully completed and attended by WAPDA, DHC and Contractors



The incident investigation conducted by DHC investigation team at CR9.



Standown meeting conducted by M/s CGGC at MW-02 after fatal incident



DHC OHS staff verifying the pre-start hazard assessment at site



The fire emergency drill conducted by M/s CGGC KKH-02 team at Kaigh camp



The monthly joint inspection lead by DHC OHS Lead and CGGC management



The monthly joint inspection lead by DHC OHS Dep. Lead, WAPDA and EM01



OHS training conducted by M/s CGGC at KKH-02

A joint inspection conducted by DHC, WAPDA and CGGC at MW-02



The onsite TBT's by M/s CGGC OHSO at RAR02

TBTs conducted by CGGC at different locations

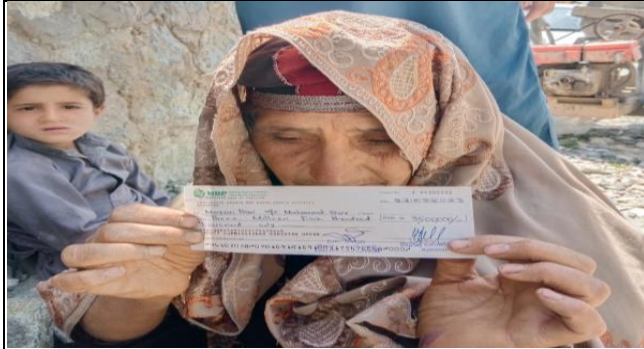
Photographs of Social & Resettlement Section



DC office staff presenting ESMR cheque to the AHH at DC office



Admin officer DC Office Kohistan (U) providing ESMR payment cheques to AHH at DC office



Female Headed household displaying received ESMR payment cheque



DHC staff giving ESMR cheques to the AHH at DC office Kohistan



LA Specialist DHC signing Qabzul Wasool before releasing cheques to the PAPs



Members of Compensation Disbursement Committee present at compensation cheques disbursement activity at DC office



CDC members for DC Office, WAPDA and DHC during compensation payment disbursement at DC office, Upper Kohistan



PAP showing received compensation payment cheque at DC Office.



AD WAPDA giving advice to expatriates of CGGC at Kaigah camp during awareness session on local cultural and religious values



Inspection visit to Kaigah camp by S&R Migration Manager.



MM Specialist during awareness Session at Kass Camp on 27th May 23



During awareness Session at Kass Camp on 27th May 2023



Second awareness session for expatriates of M/s CGGC at Barseen camp on 28th May 2023



After the successful session MM team with expatriates of M/s CGGC at Barseen camp on 28th May 2023



Awareness session with expatriates of CGGC at Kaigah camp in progress



Meeting with Kuz Chuchang community for spring water to WAPDA colony



Meeting with Upper Chuchang community for provision of water to Colony



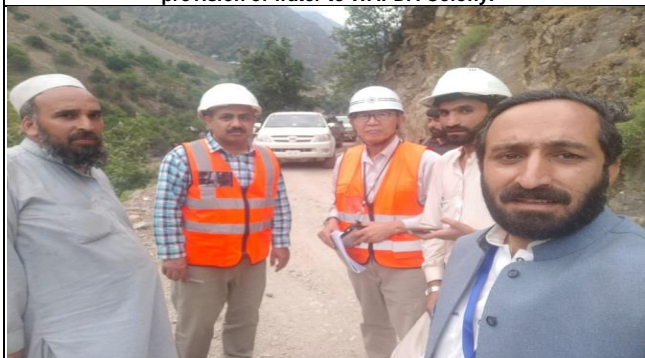
S&R staff internal progress review meeting



Grand Consultation meeting with Chuchang community for the provision of water to WAPDA Colony.



meeting with Khushi 2 link 2 community for provision of spring water



visit to Kuz Phurwa Duga Nalla regarding water supply to Nasir Abd RVs



activities at registrar office for land acquisition process.



Joint visit to RV Nasirabad to assess the completion status of work on the RV.



The broken window of Mosque at Rv Nasirabad-01



New constructed mosque at Rv nasirabad-01



Septic and anaerobic tank at RV Nasirabad-02



Loose material falling from the unprotected cuttings at internal access road of RV Uchar-01



The broken internal water supply pipeline at Rv Uchar-01



Consultation meeting with resettling AHHS of RV Uchar-01 regarding the water supply line route.



Joint visit along with Director S&R WAPDA to GMS kuz komila for temporary relocation & to see the permanent options of its construction.



Meeting with Iargani community for the provision of water to Nasir Abad



View of Two Months Skill Development Training of Women of Kuz Chuchang Village



View of Two Months Skill Development Training of Women of Kuz Chuchang Village



View of Products of Two Months Skill Development Training of Women of Kuz Chuchang Village



View of Products of Two Months Skill Development Training of Women of Kuz Chuchang Village



View of Products of Two Months Skill Development Training of Women of Kuz Chuchang Village

Photographs of KKH-01 & 02, RAR-01 & 02 & TL-01



Slope Protection works at K1+700



Excavation K1+800-K1+900



Tunnel Support Works K4+211



Tunnel Support Works K9+624



Tunnel Support Works K11+831



Tunnel Support Works K23+598



excavation at K34+600



Charging for Blast at K12+990 ~ K13+050



Laying & Compaction of water bound macadam (Komila)



Junction Excavation end point (Komila)



Sub Base work in progress (Komila)



Excavation Work at K1+100 to K1+250 in progress



Excavation at K42 access Road



Excavation at K40 Access Road



Installation of switch gear equipment on Upper terrace of Grid Station



Construction of Breast wall at access road of Grid Station.



Discussion on safety implementation and improvement at Grid Station site.



Stringing activity from T-85A to T-86

Photographs of MW-01 & 02



Uchaar Causeway Day Work
 Date - 31-05-2023

Uchaar Cause Way Day Work



Right Bank Cable Crane
 Date - 29-05-2023

Right Bank Cable Chang



Siglo Area

Siglo Area



Starter Dam



Uchaar Causeway Day Work

Uchaar Cause Way Day Work



Right Bank Cable Crane
 Date - 26-05-2023

Right Bank Cable Crane



LBTDT Outlet



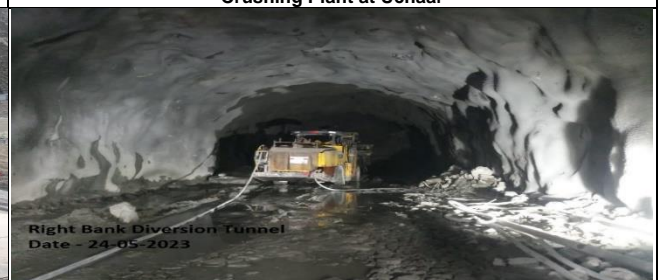
Crushing Plant At Uchaar

Crushing Plant at Uchaar



Starter Dam Cut Off Wall
 Date - 26-05-2023

Starter Dam Cut Off Wall



Right Bank Diversion Tunnel
 Date - 24-05-2023

Right Bank Diversion Tunnel



Access below surge chamber (A 1st Round) Charging for blast



Extension of Ventilation duct



LPT-1 charging for invert blast



PAT-01 Invert drilling for blast



PAT02 Survey for formwork.



PH Grouting and Installation.



TRT-01 (U S). Grouting for rock dowels



TRT01 charging for blast



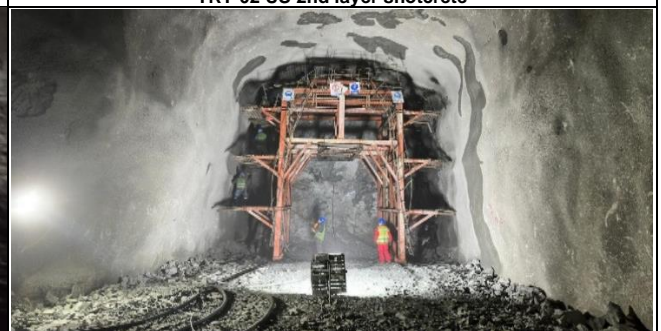
Trt02 ds drilling for blast



TRT-02 US 2nd layer shotcrete



TRT02 US Charging.



VAT left gallery Drilling for blast

Photographs of Infrastructure Section



Water supply pipes shifting in progress



Block masonry at mosque is in progress

Slope protection work is in progress at Choochang site 1



Fixing of curb stone along s1 road



Fixing of curb stone along s1 road



Internal painting at Cat 2 and 2A



View of cat- 1 and cat -2



Project colony phase A



Kitchen cabinet work at cat 2 is in progress



Door poishing work cat 2



Project Office building external view

APPENDIX B

The Envisaged Man Months

APPENDIX C

Submission of Deliverables

Appendix C: Submission of Deliverables

Date	Subject
01.05.23	Interim Payment Certificate No. 16
02.05.23	Cover Note for Extension of CAR and Third-Party Insurance Policies
02.05.23	Status of the CAR and Third-Party Insurance Policy
02.05.23	Handover of Land at Kass
02.05.23	Claim No. 1 - Engineer's Principle Response to Disruption Costs
02.05.23	Varied Works of Emergency Exit Doors at Office Building
03.05.23	Engineer's Evaluation of Costs for Extension of Bank Guarantees
04.05.23	Approval of DB's Manufacturer Drawings & Components detail of Residence Cat-3, Residence Cat-4 and Community Center
05.05.23	Camp Inspection Reports
05.05.23	Camp Inspection Reports
05.05.23	Final Detailed Incident Investigation Report for Level-4 Fatal Incident Happened at New Uchar Crushing Plant
06.05.23	Interim Payment Certificate No. 40
06.05.23	Interim Payment Certificate No# 32
06.05.23	23.05.06-(338)-MW-01-Draft Employer's Position Paper of Dispute Board's Non- Binding Opinion Under GC sub Clause 20.2
08.05.23	VO-008- Varied Works of Water Transmission for RV Sites Khoshe- 1&2
08.05.23	Interim Payment Certificate No # 36
10.05.23	Comments on Method Statement for the Excavation of RCC Dam
10.05.23	Information and Document requested for Customs Clearance of Shipment No.2
11.05.23	Contractor's Claim on KPST- Draft Referral to the Dispute Board under GC Sub-Clause 20.4
11.05.23	Monthly Environment Report March 2023
12.05.23	Information and Document requested for Customs Clearance of Shipment No.2
12.05.23	Information and Document requested for Customs Clearance of Shipment No.2
13.05.23	The Engineer's Report on RCC Mix Design Studies (Rev. 00)
13.05.23	Interim Payment Certificate No. 08 for the Period 1st January 2018 to 30th April 2018
14.05.23	Interim Payment Certificate IPC.NO.68
16.05.23	Construction Drawing of Office Buildings 2.12.22.32.5
16.05.23	Construction Drawing of Office Buildings 2.12.22.32.5
17.05.23	Interim Payment Certificate (IPC) NO.05-Reimbursement of Import Duties and Taxes of Shipment No.1

Date	Subject
17.05.23	Request for Topographical Survey Data of KKH-01- Existing Site Conditions
17.05.23	VO-020-GI Ladder for Access to the Roof for Phase-B Area Buildings
17.05.23	VO-021-Mild Steel Security Grill for Project Office Along Colony Main Road
17.05.23	The Contractors Management Cost Claim for the Extended Period (EOT-01)
17.05.23	VO-020-GI Ladder for Access to the Roof for Phase-B Area Buildings
17.05.23	The Contractors Management Cost Claim for the Extended Period (EOT-01)
19.05.23	Verification Data of Pakistani Labours
21.05.23	Monthly Environment Report-April 2023
21.05.23	Monthly Environment Repot- March 2023
22.05.23	Submission of Technical Note for IPOE Regarding Work Progress and Flow Conditions of River Diversion
23.05.23	Interim Payment Certificate No. 15
25.05.23	Interim Payment Certificate No # 38- for the Month of Mar-2023
25.05.23	Interim Payment Certificate No # 38- for Mar-2023
25.05.23	Engineers Comments on Environment Report of April 2023
26.05.23	Engineers Comments on Environment Services Pakistan (ESPAK) Third Party Environmental Monitoring Report
28.05.23	Observations from Environmental Audit KKH-01 Camps
30.05.23	OHS NCRs Closure
31.05.23	Engineer Comments on Submission of 7th Quarterly Environmental Monitoring Report
31.05.23	Engineer Comments on Submission of 7th Quarterly Environmental Monitoring Report
31.05.23	Interim Payment Certificate No. 41

APPENDIX D

List of Meetings

Appendix D: List of Meetings

Date	Meeting With	Place	Subject
09.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly Environment Progress Review Meeting for KKH-01
17.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-01
16.05.23	DHC CCECC	DHC Meeting Room	Minutes of KKH-01 Design Progress Meeting
16.05.23	DHC CCECC	DHC Meeting Room	Minutes of KKH-01 Design Progress Meeting
25.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of KKH-01 Design Progress Meeting
29.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for KKH-01.
09.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for RAR-01
16.05.23	DHC CCECC	DHC Meeting Room	Minutes of RAR-01 Design Progress Meeting
17.05.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for RAR-01
29.05.23	WAPDA DHC CCECC	WAPDA DHC CCECC	Minutes of Monthly Environmental Progress Review Meeting for RAR-01.
09.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for RAR-02
17.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for RAR-02
29.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for RAR-02
30.05.23	DHC CGGC	Contractor's Barseen Camp	Minutes of RAR-02 Design and Civil Works Progress
09.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Environmental Progress Review Meeting for KKH-02
17.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-02
23.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for KKH-02
30.05.23	DHC CGGC	Contractor's Kaigah Camp	Minutes of KKH-02 Design and Civil Works Progress
09.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environment Progress Review Meeting for MW-01 & 02
18.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for MW-01
29.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes Monthly Environment Progress Review Meeting for MW-01 & MW-02
18.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for MW-02

**Dasu Hydropower Project
Monthly Progress Report No. 106 (May 2023)**

Appendix D [2/2]

Date	Meeting With	Place	Subject
02.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
09.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
16.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
23.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
02.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-02
09.05.23	DHC CGGC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-02
18.05.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for MW-02
03.05.23	WAPDA DHC CGICOP	CGICOP Office	Minutes of Progress Review Minutes PCI-01
13.05.23	WAPDA DHC CGICOP	CGICOP Office	Minutes of Progress Review Minutes PCI-01
18.05.23	WAPDA DHC CGICOP	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for PCI-01R.
23.05.23	WAPDA DHC CGICOP	CGICOP Office	Minutes of Progress Review Minutes PCI-01
30.05.23	WAPDA DHC CGICOP	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting PCI-01R
10.05.23	WAPDA DHC PCCC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for TL-01
10.05.23	WAPDA DHC PCCC	WAPDA Meeting Room	Minutes of Weekly Progress Review Meeting TL-01
19.05.23	WAPDA DHC PCCC	DHC OHS Office	Minutes of Monthly OHS Progress Review Meeting for TL-01
24.05.23	WAPDA DHC PCCC	Contractor Office Meeting Room	Minutes of Weekly Progress Review Meeting TL-01
30.05.23	WAPDA DHC PCCC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting TL-01
31.05.23	WAPDA DHC PCCC	Contractor Office Meeting Room	Minutes of Weekly Progress Review Meeting TL-01
10.05.23	WAPDA DHC GEPC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for EM-01
19.05.23	WAPDA DHC GEPC	DHC OHS Office	Minutes of Monthly OHS Progress Review Meeting for EM-01
30.05.23	WAPDA DHC GEPC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for EM-01.

APPENDIX E

Correspondence

Appendix E: Correspondence of Incoming and Outgoing Letters Incoming Letters

Sr. No	Receiving Date	Letter No.	Subject	Remarks
1. From WAPDA				
General				
Lahore Office				
1.	17.05.23	DCAr/HQ/IR-CON/601/5273	Audit Payments Made to DHC for Period Sep. 20111 to 2016 Carried Out 10.01.17 to 26.05.17	
2.	19.05.23	GM/PD/DasuHPP/Dir(C)/CS/4418-22	Audit Payment Made to DHC for Period Oct 2016 to Apr 2020 Carried Out 22.10.20 to 01.01.21	
3.	19.05.23	GM/PD/Dasu HPP/Dir(C)/CS/ 4423-27	Audit Payments Made to DHC for Period Sep. 2011 to 2016 Carried Out 10.01.17 to 26.05.17	
4.	25.05.23	GM/PD/Dasu HPP/Dir(C)/CS/2216 -21	Audit Payments Made to DHC for Period 10-2016 to 04-2020 Carried Out 22.10.20 to 01.01.21	
5.	31.05.23	GM/PD/Dasu HPP/2335-38	Release Payments of Remuneration Invoice No. 104 for March 2023	
Dasu Office				
6.	01.05.23	GM/PD/DHPP/Security/S-04	Outstation Movement of Expatriates	
7.	02.05.23	GM/PD/DHPP/Security/S-04/532-36	Outstation Movement of Expatriates	
8.	04.05.23	GM/PD/Dasu HPP/Dir(C)/CS/ 1846-49	Request for Approval on Replacement of Board Member (NK)	
9.	04.05.23	GM/PD/Dasu HPP/Dir(C)/CS/ 1842-45	DHC Board of Management Meeting -Request of Meeting with General Manager -Project Director and Chairman WAPDA	
10.	04.05.23	GM/PD/DHPP/Security/S-06/542-43	Progress on Faulty CCTV Cameras and Search Lights at Contractor's Camps -Working Sites	
11.	04.05.23	GM/PD/Contracts/GC/001/3763-66	Inland Navigation System from Diامر Bhasha Dam Project (DBDP) to Tarbela Dam Project	
12.	04.05.23	GM(TS)/Admin/W-32/337	Review of Inquiry Committee Report on Contents of Draft Para No.1.5.52 (Draft para No 663-2019-20) Proceedings	
13.	04.05.23	GM/PD/Contracts/Audit/03A/3767-71	Revised Reply to Audit Observations -Set 1	
14.	03.05.23	GM/PD/DHPP/ADMIN/A-2/3695-3702	Office Order	
15.	05.05.23	GM/PD/DHPP/Security/S-06/558-59	Purchase of Security Enablers for Residential Camps Plaza Worksites	
16.	06.05.23	GM/PD/DHPP/3836-38	Digital Copies of Complete Record Pertaining to Social Environmental All Contract of Dasu HPP	
17.	08.05.23	GM/PD/DHPP/Security/S-38/562-64	Security Lapses at GBHP Hattian Camp District Attock	
18.	08.05.23	GM/PD/DHPP/Security/S-06/ 2023/570	Security Administrative Issues	
19.	10.05.23	GM/PD/Dasu HPP/Dir(C)/CS/ 1933-37	Request for Replacement of Konika Minolta Bizhub 552 Photocopy Machine	
20.	10.05.23	GM/PD/DHPP/Security/S-04/582-83	Postponement of Move to Islamabad and Back	
21.	10.05.23	GM/PD/DHPP/Security/S-44/573-81	Coordination Meeting on Purchase of Security Enablers	
22.	12.05.23	GM/PD/DHPP/Security/S-04/602	Outstation Movement of Expatriates	
23.	23.05.23	GM/PD/DHPP/Contracts/sec/150/4183-85	Purchase of Security Enablers for Residential Camp Plazas Work sites	
24.	16.05.23	GM/PD/DHPP/Security/S-11/632-36	Verification Data of Pakistan Labours	
25.	16.05.23	GM/PD/DHPP/Security/S-46/637-38	Inspection of 3 Built Proof Buses for Foreigners	
26.	17.05.23	GM/PD/DHPP/Env/G-3/213-215	Audit Report of Contractor's Camps	
27.	18.05.23	GM/PD/Dasu HPP/Dir(C)/ CS/2040-43	Request for Approval of Mr. Burgehan Akcaru for Position of (K-21)	
28.	18.05.23	GM/PD/Dasu HPP/Dir(C)/ CS/2044-47	Request for Approval of Mr.Hisashi Imai as Replacement of RE (Infrastructure Development)(K58)	
29.	18.05.23	GM/PD/DHPP/Security/S-04/644-48	Outstation Movement of Expatriates	
30.	19.05.23	GM/PD/contracts/GC/001/4412-15	Inland Navigation System from Diامر Bhasha Dam Project (DBDP) to Tarbela Dam Project	
31.	21.05.23	GM/PD/DHPP/Security/S-04/654-58	Outstation Movement of Expatriates	
32.	22.05.23	GM/PD/DHPP/Security/S-06/659	Revised Layout of Looter Camp	
33.	22.05.23	GM/PD/DHPP/Env/G-10/225-27	Minutes of Management Meeting on Environmental Issues with M-s CCECC	
34.	19.05.23	GM/PD/DHPP/Env/G-10/222-24	Minutes of Management Meeting on Environmental Issues with M-s CGGC	
35.	23.05.23	GM/PD/DHPP/Security/S-04/661-65	Outstation Movement of Expatriates as a Special Case	
36.	23.05.23	GM/PD/DHPP/Security/S-04/666-70	Outstation Movement of Expatriates as a Special Case	
37.	23.05.23	GM/PD/DHPP/Security/S-14/671	Meeting at DC Office For Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
38.	24.05.23	GM/PD/DHPP/Security/S-34/672	Improvement of Main Gate -Living Facility of WSF Personnel -Hattian Camp	
39.	24.05.23	GM/PD/DHPP/Security/S-06/701	Revised Layout of Looter Camp	
40.	24.05.23	GM/PD/DHPP/CS-03/4535-36	Video Conferencing Setup at WAPDA Offices	
41.	25.05.23	GM/PD/Dasu HPP/Dir(C)/ CS/2202-07	Approval of Additional Two MMS for Mr. Michiya Nagura Traffic Expert (KNP26)	
42.	25.05.23	GM/PD/DHPP/Security/S-26/703	Security Administrative Concerns at Chinese Camp Kass	
43.	26.05.23	GM/PD/DHPP/Security/S-06/742	Renovation of Accommodation for FC at Looter	
44.	26.05.23	GM/PD/DHPP/Security/S-06/741	Purchase of Security Enablers for Personnel Camps Plaza Worksites	
45.	26.05.23	GM/PD/DHPP/Security/S-06/740	Provision of Android Phones for the Focal Persons of SOS System	
46.	26.05.23	GM/PD/DHPP/Contracts/GEN/01/4648-50	Application of the Provincial Sales Tax (PST)	
47.	26.05.23	GM/PD/DHPP/Security/S-04/724-28	Outstation Movement of Expatriates as a Special Case	
48.	26.05.23	GM/PD/DHPP/Security/S-04/729-34	Outstation Movement of Expatriates	
49.	26.05.23	GM/PD/DHPP/Security/S-04/735-39	Outstation Movement of Expatriates as a Special Case	
50.	29.05.23	GM/PD/Dasu HPP/Security/S-04/743-45	Schedule Outstation Movement of Expatriates for the Month of June, 2023	
51.	29.05.23	GM/PD/Dasu HPP/Security/S-04/746-50	Outstation Movement of Expatriate	
52.	30.05.23	GM/PD/Dasu HPP/Security/S-06/756	Provision of Electricity from CGGC Kaigah Camp to Police Check Post Living at KKH Kaigah Bridge	
53.	31.05.23	GM/PD/Dasu HPP/Dir(C)/CS/ 22 84-89	Approval of Mr. Burgehan Akcaru for Position of K21 Chief Design Engineer (Waterways)	
54.	31.05.23	GM/PD/DHPP/Env/G-3/237-39	Unauthorized Movement of Explosive Vehicles	
Dasu-RAR-01				
Dasu Office				
55.	02.05.23	GM/PD/DHPP/Contracts/RAR-01/25/3655-57	Interim Payment Certificate No.08 for the Period 1st January 2018 to 30th April 2018	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
56.	04.05.23	GM/PD/DHPP/S&R/E-34/702-03	Application Regarding Reservation of GMS Kuz Komila	
57.	05.05.23	GM/PD/DHPP/Contracts/RAR-01/25/3833-35	Interim Payment Certificate #08 for the Period 1st January 2018 to 30th April 2018	
58.	10.05.23	GM/PD/DHPP/Contracts/RAR-01/23/4052-54	Approval of Contractors Cost Claim Market Inflation for the Extension Period	
59.	16.05.23	GM/PD/Dasu HPP/RAR-01/2023/4245-47	Application Mr.Sultan Room Claims (2284)	
60.	24.05.23	GM/PD/Dasu HPP/RAR-01/2023/4508-11	Removal of Dumped Material Laying at Various RDs of RAR-01	
61.	24.05.23	GM/PD/Dasu HPP/RAR-01/2023/4512-14	Clearance of Rockfall Material at Various RDs of RAR-01	
62.	29.05.23	GM/PD/Dasu HPP/RAR-01/4698-4701	Clearance of Rockfall Sliding Material at Various RDs	
Dasu-KKH-01				
Dasu Office				
63.	08.05.23	GM/PD/Contracts/KKH-01/17/ 3894-97	On the Matter of all Risk Insurance	
64.	10.05.23	GM/PD/CE(S&D)/KKH-01/05/ 4011-13	Report of Damages to SCO Assets During Construction of R-KKH-Dam	
65.	10.05.23	GM/PD/CE(S&D)/KKH-01/05/ 4008-10	Dumping of Mucking Material at Kaigah Bridge	
66.	10.05.23	GM/PD/CE(S&D)/KKH-01/05/ 4014	Construction of Multi-Cell Culvert at uchar Nullah	
67.	31.05.23	GM/PD/CE(S&D)/DHPP/KKH-01/57/4808-10	Report of Damages to SCO Assets During Construction of RKKH Dam	
Dasu-KKH-02				
Dasu Office				
68.	03.05.23	GM/PD/DHPP/CE(C)/KKH-02/ 5/3679-82	Updated Design of KKH-01 and KKH-02	
69.	05.05.23	Gm/PD/DHPP/ENV/W-17/200-202	Request for Provision of Recommendation Letter for Explosive License in Form EI-03	
70.	22.05.23	GM/PD/Dasu HPP/Dir/ (C)/21/ 1-22	Response of DHC on Final Design Review of KKH-01 & 02 , Relocated Part due to Dasu Dam Lake	
71.	31.05.23	GM/PD/Dasu HPP/KKH-02/2275-80	Recommendation Letter for Issuance of New Temporary Explosives License in form EL-03	
Dasu-TL-01				
Dasu Office				
72.	03.05.23	GM/PD/Dasu HPP/TL-05/ 3722-21	Provision of Google Images of TL-01 Route (T-37A -T212A)	
73.	11.05.23	GM/PD/Dasu HPP/TL-05/ 406 7-68	Slow Progress of Stringing	
74.	17.05.23	GM/PD/Dasu HPP/TL-01/ 4276-77	Contractor's Negligence to Follow Safety Norms & Practices	
75.	17.05.23	GM/PD/Dasu HPP/TL-01/4274-75	Absence of Contractor's Key Representatives from Site	
76.	19.05.23	GM/PD/Dasu HPP/TL-01/4408-09	Provision of Procurement & Supply -Transportation of Transmission Line & Grid Station Material List	
77.	19.05.23	GM/PD/Dasu HPP/TL-01/4406-07	Slow Progress of Stringing Work due to Contractor's Defective Equipment -Machinery	
78.	26.05.23	GM/PD/DHPP/Contracts/TL-01/43/4667-71	Contractors Interim Management Cost Claim for Social Insurance of Chinese Staff (June 2016-Dec 2019)	
Dasu-MW-01				
Dasu-Office				
79.	02.05.23	GM/PD/DHPP/Contracts/MW-01/83/3661-64	Additional Cost due to Change in Legislation	
80.	03.05.23	GM/PD/DHPP/S&D/MW-01/ 3668-70	Request by GMRC for Satellite Images & Digital Elevation Model (DEM)	
81.	04.05.23	GM/PD/DHPP/Contracts/MW-01/3749-52	Opinion Regarding the Legal Implications of Change in Rate of Provincial Sales Tax (PST) With Retrospective Effect	
82.	03.05.23	GM/PD/DHPP/83(A)/3690-94	Recovery of Hire Charges Bill NLC Avn Fit	
83.	05.05.23	GM/PD/Dasu HPP/XEN(T) /MW-01/1864-67	Request for Issuance of Visa for Personnel of M-S China Gezhouba Group co Ltd CGGC	
84.	05.05.23	GM/PD/DHPP/MW-01/ 3827-29	Record Water Levels for Dasu HPP	
85.	05.05.23	GM/PD/DHPP/MW-01/3830-32	Provision of Pipes in Siglo Area Sub Division Seo	
86.	10.05.23	GM/PD/DHPP/Contracts/MW-01/83/ 4044-47	Claim No.1-Engineers Principle Response to Disruption Cost	
87.	14.05.23	GM/PD/DHPP/Contracts/MW-01/HFO/81D/4142-45	Preparation of Bidding Documents for Shifting of HFO Plants from Neelum Jhelum Project to DHPP	
88.	23.05.23	GM/PD/DHPP/S&D/MW-01/4500-02	Inland Navigation System from Diamer Basha Dam Project (DBDP) to Tarbela Dam Project	
89.	25.05.23	GM/PD/DHPP/Contracts/MW/4597-99	Contractors All Risks CAR and third Party Insurance Policies	
90.	26.05.23	GM/PD/DHPP/Contracts/MW-01/83/4676-77	Contractors Claim on KPST Draft Referral to the Dispute Board Under GC Sub-Clause 20.4	
91.	26.05.23	GM/PD/DHPP/Contracts/MW-01/DB/116A/4651-58	Employers Position Paper for Dispute Boards Non-Binding Opinion Under GC Sub-Clause 20.2	
92.	29.05.23	GM/PD/DHPP/Contracts/MW-01/85/4708-12	Payment of Rent of Open Land Shed Office Building in GBC Colony Hattian for the Period from 01.05.23 to 31.05.23	
93.	30.05.23	GM/PD/DHPP/Contracts/MW-01/83/4721-29	Extension of Time on Stoppage of Works due to Blast Incident on 14 July 2021	
94.	30.05.23	GM/PD/DHPP/Contracts/MW-01/DB/116A/4722-25	Contractors Position Paper for Dispute Boards Non-Binding Under General Conditions of Contract	
95.	30.05.23	GM/PD/DHPP/4755-59	Recovery of Hire Charges Bill NLC Avn Fit	
96.	31.05.23	GM/PD/DHPP/S&D/MW-01/ 4801-07	Maintenance of 04 No. Physical Models of DHPP for the Period of 01-07-2023 to 30-06-2024	
97.	31.05.23	GM/PD/DHPP/S&D/2023/MW-01/ 4811-13	Comments Regarding Report on RCC Mix Design Studies (Rev.00)	
Dasu-MW-02				
Dasu-Office				
98.	02.05.23	GM/PD/DHPP/Contracts/MW-02/93/3658-61	Additional Cost due to Change in Legislation	
99.	10.05.23	GM/PD/DHPP/Contracts/MW-02/93/4048-51	Claim No.1-Engineers Principle Response to Disruption Cost	
100.	10.05.23	GM/PD/DHPP/Contracts/MW-02/93/4055-57	Approval of 2nd Interim Extension of Time for Completion of Works of 105 Days With Revision of Completion Date (
Dasu-LBRV-11				
Dasu-Office				
101.	15.05.15	GM/PD/DHPP/Contracts/LBRV-11/71/4175-77	Contractors Prolongation Management Cost Claim on Account of Extension of Time (EOT-01)	
102.	26.05.23	GM/PD/DHPP/Contracts/LBRV-11/71/4663-66	Contractors Prolongation Management Cost Claim on Account of Extension of Time	
Dasu-LBRV-12				
Dasu-Office				
103.	15.05.23	GM/PD/DHPP/Contracts/LBRV-12/72/4172-74	Contractors Prolongation Management Cost Claim on Account of Extension of Time (EOT-01)	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
104.	26.05.23	GM/PD/DHPP/Contracts/LBRV-12/72/4672-75	Contractors Prolongation Management Cost Claim on Account of Extension of time an Interim Claim Under Non-Possession of Site	
Dasu-PCI-01R				
Dasu office				
105.	03.05.23	GM/PD/DHPP/PCI-01R/3706-09	Procurement of Design , Supply , Installation , Testing and Commissioning of Solar Power System at Project Colony	
106.	11.05.23	GM/PD/DHPP/S&R/E-66/755-57	Stoppage of Construction Work Due to Local Houses at Part-7 Chainage	
107.	13.05.23	GM/PD/DHPP/PCI-01R/4138-41	Request to Confirm water Source and supply for Project Colony	
108.	15.05.23	GM/PD/DHPP/FWC/2023/4218-23	Procurement and Supply of Furniture for Wapda Project Office	
109.	24.05.23	GM/PD/DHPP/PCI-01R/4497-99	Request for Information about the Provision of PTCL Connectivity	
110.	25.05.23	GM/PD/Dasu HPP/Dir/©/S/2208-11	Shifting of DHC Head Office (Site Office Dasu) and Hostels Accommodation to DHPP WAPDA Colony, Dasu	
111.	26.05.23	GM/PD/DHPP/PCI-01R/4659-62	Request to Confirm Water Source and Supply for Project Colony	
Dasu-PCI-02				
Dasu office				
112.	23.05.23	GM/PD/DHPP/Contracts/PCI-02/31-4483-84	Prequalification Evaluation Report for PCI-02	
Dasu-EM-01				
Dasu-Office				
113.	03.05.23	GM/PD/Dasu HPP/TL-05/ 37 16-17	Mobilization of Contractor's Erection & Stringing Team on Sites	
114.	05.05.23	GM/PD/DHPP/Contracts/EM-01/3800-3801	Major Construction Activities on Civil Works Preparatory Works	
115.	05.05.23	GM/PD/DHPP/Contracts/EM-01/3849-52	Project Managers Analysis of Different Options for Contract Price Adjustment	
116.	11.05.23	GM/PD/DHPP/Contracts/EM-01/105/4074-77	Interest on Delayed Payment Under IPC No.02	
117.	11.05.23	GM/PD/DHPP/Contracts/EM-01/105/4074-	Information and Document Requested for Customs Clearance of Shipment No.2	
118.	11.05.23	GM/PD/DHPP/Contracts/EM-01/4088-92	Information and Document Requested for Customs Clearance of Shipment No.2	
119.	15.05.23	GM/PD/Dasu HPP/NTDC /4166-67	Requirement of Layout Plan of Dasu Booster Station Coordinate System and Control Point Information Used for Booster Station from Dasu	
120.	16.05.23	GM/PD/DHPP/Contracts/EM-01/4252-56	Constitution of Dispute Board Under Contract EM-01 Nomination of Third Member -Chairperson of Dispute Board	
121.	17.05.23	GM/PD/DHPP/Contracts/EM-01/107-A/4291-94	Addition of the Name of M-s DSV Air and Sea Pakistan (SMC-PVT)	
122.	18.05.23	DHPP/4390-94	Request for Change Proposal	
123.	24.05.23	GM/PD/Dasu HPP/FAT-TRG/4523-24	Unit 03 Shaft Seal Inspection Notification No.02	
Dasu-RV				
Dasu-Office				
124.	04.05.23	GM/PD/DHPP/Contracts/Dasu-RV/074/3745-48	Extension of Performance Security (Bank Guarantee)	
125.	17.05.23	GM/PD/DHPP/Contracts/RV/74/4263-66	Draft Ad Judicator's Operating Procedures and Guidelines (2282)	
126.	31.05.23	GM/PD/DHPP/Contracts/RV/74/478-86	Employers Position Paper about Extension of Time	
Dasu-S&R				
Dasu-Office				
127.	03.5.23	GM/PD/DHPP/S&R/E-66/678	Application Regarding Self -Managed Relocation (SMR)	
128.	04.5.23	GM/PD/DHPP/S&R/E-66/682-83	Application of Mr.Saif Ur Rehman S-O Jamu Malik and Mr. Raheem Dad S-O Roshan Khan (Residents of Kass)	
129.	08.05.23	PD-DHPP/DG-SS/S&R/E-51/716-17	Complaint Against Utilization of Un-Acquired Land	
130.	08.05.23	PD-DHPP/S&R/E-66/ 715	Application Regarding Self-Managed Relocation (SMR)	
131.	09.05.23	PD-DHPP/S&R/E-66/ 735-36	84 Additional AHHS Affecting Due to Rationalization of KKH-1 KKH-2 and New Additional Areas	
132.	09.05.23	PD-DHPP/S&R/E-66/ 723-25	Application Regarding ESMR of Khasra-14 Herben	
133.	09.05.23	PD-DHPP/S&R/E-66/ 720-22	Application Regarding ESMR of Khasra-66 Kuz Chuchang	
134.	10.05.23	GM/PD/DHPP/LA-S&R/W-363-66	Revenue Record in Respect of Bailey Bridge Gumoon Looter (Right Side) Area-3	
135.	11.05.23	GM/PD/DHPP/S&R/E-66/751	Application Regarding Self-Managed Relocation (Muhammad Zaman) (SMR)	
136.	11.05.23	GM/PD/DHPP/S&R/E-66/752-54	Application Regarding ESMR Package	
137.	11.05.23	GM/PD/DHPP/S&R/E-66/758-60	Application Regarding ESMR Package	
138.	11.05.23	GM/PD/DHPP/LA-S&R/W-160/367-70	Assessment Report of Fruit Plants in Respect of Shatyal Nala to Harban end Reservoir File-5	
139.	15.05.23	GM/PD/DHPP/SS/S&R/E-28/775-76	Grievance of Shaal Area Labours Workers of Contract MS CCECC	
140.	15.05.23	GM/PD/DHPP/SS/S&R/E-28/773-74	Application from Workers of MS CGGC	
141.	15.05.23	PD/DHPP/S&R/E-66/769-70	Application of Mr Muhee ud Din Son of Muhammad Zareen	
142.	15.05.23	PD-DHPP/S&R/E-66/771-72	Application Of Mr Wakeel Shah Barkat Khan and Sher Zaman	
143.	15.05.23	GM/PD/DHPP/S&R/2023/E-1/765-66	Request for Approval of Funds for Soniwals (Vulnerable Group)	
144.	15.05.23	PD-DHPP/S&R/E-29/767-68	Application of Mr Iqbal Shah Aslam Khan Wakeel And Gulab Shah	
145.	18.05.23	GM/PD/DHPP/LA-S&R/W-35/380-82	Possession Handing -Taking Over Certificate in Respect of "Gul -E-Bagh Reservoir Area -2	
146.	18.05.23	GM/PD/DHPP/S&R/E-29/817-20	Application Regarding Temporary Relocation Package	
147.	23.05.23	GM/PD/DHPP/LA-S&R/W-159/386-89	Land Revenue Survey of New Additional Land for Areas A-1 & A-2 Zero Point KKH-01 (07K-09M)	
148.	25.05.23	GM/PD/DHPP/S&R/E-66/828	Application Regarding Reservation of Local Komila Bypass	
149.	25.05.23	GM/PD/DHPP/S&R/E-66/827	Application Regarding Reservation of Local Shatial Tehsil Harban Basha	
150.	25.05.23	GM/PD/DHPP/S&R/E-66/829	Application Regarding Self-Managed Relocation (SMR)	
151.	30.05.23	GM/PD/DHPP/S&R/W-100/ 390-93	Possession Handing Taking Over Certificate in Respect of LoR Shatial Nala to Reservoir End Pont Area-5	
152.	31.05.23	GM/PD/DHPP/S&R/E-34/841-42	Handing Ove of New RCC Bridge at Jalkot Nullah	
Dasu-LADP				
Dasu Office				
153.	09.05.23	GM/PD/DHPP/S&R/E-34/731-34	Office Order Bidding Process Rehabilitation and Up Gradation of Drinking Water Supply Facilities	
154.	09.05.23	GM/PD/DHPP/S&R/E-34/726-30	Annulment of Bidding Process	
155.	17.05.23	PD/DHPP/Contracts/LADP/129B/4280-82	Appointment of Adjudicator	

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Appendix E [4/20]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
2. From Contractors				
Dasu-RAR-01				
Dasu Office				
156.	01.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-036	On Matter of Tax Deduction on IPC 34-Claim Amount of RAR-01 Market Inflation During Extended Period	
157.	03.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-WR-011	Submission of Weekly Progress Report	
158.	09.05.23	CCECC/PAK/DASUFIELD/RAR-01/23--037	Approval of Water Bound Macadam Base Class-A Located at Uchar Crushing Plant	
159.	11.05.23	CCECC/PAK/DASUFIELD/RAR-01/23--038	Submission of Monthly Progress Reports for the Month of (April 2023)	
160.	12.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-039	Submission of 9th Extended Contractors All Risk Insurance	
161.	15.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-WR-012	Submission of Weekly Progress Report (1st- 14th may 2023)	
162.	17.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-040	Stoppage of Construction Activities by Local People at Komila Bypass at (K1+800)	
163.	22.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-041	VO-007 Komila Bypass Start Point Proposed Change in Design at the Land Sliding Area	
164.	24.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-042	On the Matter of Extension of Time No.4 and Request for Assessment on Management Cost Claim During the Period	
165.	26.05.23	CCECC/PAK/DASUFIELD/RAR-01/HSE/23-010	Grievance Mechanism Procedure for RAR-01	
166.	29.05.23	CCECC/PAK/DASUFIELD/RAR-01/23-WR-013	Submission of Weekly Progress Report (15th- 28th may 2023)	
Dasu-RAR-02				
Dasu-Office				
167.	01.05.23	CGGC/RAR-02/ED/DHC-607	Method Statement for Abutments Construction and Cable Crossing at Kandia	
168.	03.05.23	CGGC/RAR-02/ED/DHC-608	Blasting Plan in Next Week	
169.	03.05.23	CGGC/RAR-02/ED/DHC-609	Kandia K32+650 Work Stoppage	
170.	03.05.23	CGGC/RAR-02/ED/DHC-610	Weekly Progress Report	
171.	03.05.23	CGGC/RAR-02/ED/DHC-611	Base Line Schedule Submission -03	
172.	06.05.23	CGGC/RAR-02/CD/DHC-612	Change in Rate of Sales Tax from 17% to 18% (
173.	06.05.23	CGGC/RAR-02/HRD/DHC-613	Submission of Staff Information List	
174.	06.05.23	CGGC/RAR-02/ED/DHC-614	Monthly Progress Report	
175.	06.05.23	CGGC/RAR-02/CD/DHC-615	Claim for Blast Incident- Submission of Additional Particulars	
176.	06.05.23	CGGC/RAR-02/CD/DHC-616	The Evaluation on Claim for Extension of the Bank Guarantee	
177.	08.05.23	CGGC/RAR-02/ED/DHC-617	Weekly Progress Report	
178.	08.05.23	CGGC/RAR-02/ED/DHC-618	Blasting Plan in Next Week	
179.	08.05.23	CGGC/RAR-02/ED/DHC-619	Requirement of Additional Access Roads	
180.	09.05.23	CGGC/RAR-02/ED/DHC-620	Hospital Building at Doga Working Area	
181.	10.05.23	CGGC/RAR-02/HRD/DHC-621	Apply for Approval of Environmental Officer	
182.	10.05.23	CGGC/RAR-02/ED/DHC-622	Response to Disposal of Spoil Material Along River and Nullah Slops	
183.	12.05.23	CGGC/RAR-02/ED/DHC-623	Delay Notice over Roads Blockade (2220)	
184.	12.05.23	CGGC/RAR-02/ED/DHC-624	Cable Crossing Drawings (Kandia K35)	
185.	13.05.23	CGGC/RAR-02/ED/DHC-625	Method Statement for Load Test of Cableway Crossing	
186.	13.05.23	CGGC/RAR-02/ED/DHC-626	Reply to Low Progress	
187.	13.05.23	CGGC/RAR-02/ED/DHC-627	Work Hindrance at Various Locations	
188.	13.05.23	CGGC/RAR-02/ED/DHC-628	Design Optimization Proposal	
189.	15.05.23	CGGC/RAR-02/PD/DHC-629	Submission of Explosive Record to The Engineer	
190.	16.05.23	CGGC/RAR-02/PD/DHC-630	Submission of Explosive Record to The Engineer	
191.	15.05.23	CGGC/RAR-02/ED/DHC-631	Blasting Plan in Next Week 2023.05.15-2023.05.21)	
192.	15.05.23	CGGC/RAR-02/ED/DHC-632	Weekly Progress Report (2023.05.08-2023.05.14)	
193.	17.05.23	CGGC/RAR-02/ED/DHC-633	Traffic Closure Schedule for Existing Kandia Road	
194.	19.05.23	CGGC/RAR-02/ED/DHC-633	23.05.19-(634)-RAR-02-Frequent Land Sliding at Kandia (2367)	
195.	19.05.23	CGGC/RAR-02/ED/DHC-635	Concerns Regarding Shop Drawings Issued	
196.	21.05.23	CGGC/RAR-02/CD/DHC-636	Submission of the Statement Application for IPC-04	
197.	22.05.23	CGGC/RAR-02/ED/DHC-637	Blasting Plan in Next Week	
198.	22.05.23	CGGC/RAR-02/ED/DHC-638	Weekly Progress Report	
199.	27.05.23	CGGC/RAR-02/HSED/DHC-639	Submission of the Monthly OHS Report in April 2023	
200.	30.05.23	CGGC/RAR-02/ED/DHC-640	Weekly Progress Report of RAR-02 (2023.05.22-2023.05.28)	
201.	30.05.23	CGGC/RAR-02/ED/DHC-641	Blasting Plan in Next Week of RAR-02 (2023.05.29-2023.06.04)	
202.	30.05.23	CGGC/RAR-02/ED/DHC-642	Traffic Closure Schedule for Existing Kandia Road	
Dasu-KKH-01				
Dasu Office				
203.	02.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-092	Approval of K6 Concrete Mixing Plant Type HZS60 Manufactured " Taian Yueshou Road Building Machinery Co.Ltd China	
204.	03.05.23	CCECC/PAK/DADUFIELD/KKH-01/WR-298	Submission of Weekly Progress Report	
205.	03.05.23	CCECC/PAK/DADUFIELD/KKH-01/WR-299	Submission of Weekly Progress Report	
206.	06.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-086	OHSE Staff Salary Payment Matter and CVs Submission	
207.	06.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-087	Fortnightly Explosive Record 16-30 April 2023	
208.	07.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-088	OSH KPI April 2023	
209.	09.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-089	Initial Incident Report #58 (MT Case)	
210.	09.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-093	Approval of Dry Shotcrete Mix Design With Sika Sigunit Powder AF	
211.	09.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-WR-300	Submission of Weekly Progress Report (1st- 7th May 2023)	
212.	09.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-094	Submission of Monthly Progress Report for April 2023	
213.	10.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-095	Submission of Interim Payment Application -IPA 33	
214.	11.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-002	Approval of FOSPAK (Pvt) Ltd - Pakistan	
215.	13.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-096	On the Matter of cancellation of Car Insurance of KKH-01 by the Insurer EFU	
216.	13.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-097	Request for Proposal Design, Supply, Installation, Testing and Commissioning of Solar Power System at Project Colony	
217.	16.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-090	Environmental Officer CVs for Review and Approval	
218.	16.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-091	Recommendation Letter for Explosive Materials Transportation (Form EL-07)	

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Appendix E [5/20]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
219.	15.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-092	-Initial Incident Report# 59, Retaining Wall Construction Work at K7 KKH-01	
220.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/Security/01	Required Security Personnel for New Chinese Camps at Dasu	
221.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-093	Fortnightly Explosive Records , 1-15 May 2023	
222.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-094	Monthly OHS Monitoring Report # 88 April 2023	
223.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-095	Monthly EHS Monitoring Report # 88 April 2023	
224.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-098	Stoppage of Construction Activities by Local People at (K2+000) Around Area	
225.	17.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-099	Stoppage of Construction Activities by Local People at K1+300	
226.	19.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-100	Proposal for Design Supply Installation Testing and Commissioning of Solar Power System for Project Office at Colony	
227.	20.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-101	Construction of the Breast Wall by a Local Contractor at K7 +000 around Area	
228.	20.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-096	Request for Closure of NCR # 10	
229.	22.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-097	Request for Closure of NCR # 11	
230.	22.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-098	Request for Closure of NCR # 12	
231.	23.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-099	Issuance of Instructions to Worker for Oil Spillage Management at Sites	
232.	23.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-100	Water Sprinkling Plan for KKH-01 Sites to Control Dust Pollution	
233.	23.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-103	Approval of Beijing Oriental Yuhong Waterproof Technology Co. LTD	
234.	24.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-104	On the Matter of Extension of Time No.3 and Request for Assessment on Management Cost Claim During the Period	
235.	24.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-101	Request for Closure of NCR No 7	
236.	26.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-102	Approval of Environmental Officer CV for Review	
237.	25.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-105	Testing of HDPE Pipe Material (600MM & 100MM) Beijing Oriental Yuhong Waterproof Technology Co.Ltd	
238.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-106	Schedule for third Party Testing of Jointly Sampled	
239.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-003	Testing of Wire Mesh (6mm)	
240.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-004	Testing of I Beam Manufactured by Ishtiaq	
241.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-005	Petrographic Analysis of Rock Samples	
242.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-006	Testing of Rock Sample	
243.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-007	Testing of Rock Bolt, Nut and Steel Plats	
244.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-008	Testing of Deformed Steel Bars Manufactured by FF Steel	
245.	27.05.23	CCECC/PAK/DADUFIELD/KKH-01&RAR-01/23-009	Testing of Cement Fauji LAC	
246.	22.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-23-102	Submission of Extended Advance Payment Guarantee for Increased Contract Amount of VO-005	
247.	28.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-107	Resubmission of detailed MS and design of sedimentation tanks at K6, Uchar and Dogah concrete batching plants	
248.	28.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-WR-301	Submission of Weekly Progress Report (oath -21st May 2023)	
249.	29.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-23-103	Submission of Grievance Redress Mechanism	
250.	29.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-23-104	Submission of Personnel for all Active Working Sites	
251.	28.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-WR-302	Submission of Weekly Progress Report (22nd to28th May 2023)	
252.	30.05.23	CCECC/PAK/DADUFIELD/KKH-01/23-108	Colony's sewerage pipe crossing KKH-01	
253.	31.05.23	CCECC/PAK/DADUFIELD/KKH-01/HSE-23-105	Submission of ITA Compliance Gap Analysis	
Dasu-KKH-02				
Dasu Office				
254.	02.05.23	CGGC/KKH-02/HSED/DHC-490	Resume for Position of the Deputy Manager OHS at KKH-02	
255.	02.05.23	CGGC/KKH-02/TD/DHC-491	Request for Alterations to Geological Investigation Proposal	
256.	02.05.23	CGGC/KKH-02/TD/DHC-492	Submission of Geological Mapping of 6 Bridges and Geological Profile & Boring Log of K50 Summer Bridge	
257.	02.05.23	CGGC/KKH-02/TD/DHC-493	Submission of Requirements and Quantities for Geological and Geophysical Exploration Works of Eight Tunnels	
258.	03.05.23	CGGC/KKH-02/ED/DHC-494	Blasting Plan in Next Week	
259.	03.05.23	CGGC/KKH-02/ED/DHC-495	Weekly Progress Report (
260.	03.05.23	CGGC/KKH-02/TD/DHC-496	Confirmation of Team to Perform Geophysical Exploration for Tunnels	
261.	04.05.23	CGGC/KKH-02/ED/DHC-497	Resettlement of Residents on KKH	
262.	04.05.23	CGGC/KKH-02/HSED/DHC-498	Call a Meeting Regarding Security Facilities Construction at Looter Camp	
263.	06.05.23	CGGC/KKH-02/HSED/DHC-499	Change in Rate of Sales Tax from 17% to 18%	
264.	06.05.23	CGGC/KKH-02/HRD/DHC-500	Submission of Staff Information List	
265.	06.05.23	CGGC/KKH-02/CD/DHC-501	Change in Rate of Sales Tax from 17% to 18%	
266.	06.05.23	CGGC/KKH-02/CD/DHC-502	The Evaluation on Claim for Extension of the Bank Guarantee	
267.	08.05.23	CGGC/KKH-02/HSED/DHC-503	Traffic Closure Schedule for Existing KKH	
268.	08.05.23	CGGC/KKH-02/HSED/DHC-504	Request for Security Arrangement as Per Updated Traffic Closure Schedule	
269.	08.05.23	CGGC/KKH-02/CD/DHC-505	Explanation Pertaining to Payment of Accommodation Facilities for Security Personnel (Army FC and Police)	
270.	08.05.23	CGGC/KKH-02/CD/DHC-506	The Evaluation on Claim for Extension of the Bank Guarantee	
271.	08.05.23	CGGC/KKH-02/TD/DHC-507	Re-Submission of Contract Programme	
272.	08.05.23	CGGC/KKH-02/HSED/DHC-509	Submission of Initial Incident Flash Report K-26 MVI	
273.	08.05.23	CGGC/KKH-02/HRD/DHC-508	Apply for Approval of Environmental Officer	
274.	09.05.23	CGGC/KKH-02/ED/DHC-510	Blasting Plan in Next Week	
275.	09.05.23	CGGC/KKH-02/ED/DHC-511	Weekly Progress Report	
276.	12.05.23	CGGC/KKH-02/HRD/DHC-512	Delegation of Power as Executive Manager for KKH-02	
277.	12.05.23	CGGC/KKH-02/HSED/DHC-513	Environmental Awareness Training on Oil Spill and Wood Burning Report	
278.	15.05.23	CGGC/KKH-02/PD/DHC-514	Submission of Explosive Record to The Engineer	
279.	15.05.23	CGGC/KKH-02/CD/DHC-515	Record for Impediment during Construction Activities at Various Sites of KKH-02	

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Appendix E [6/20]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
280.	16.05.23	CGGC/KKH-02/TD/DHC-516	Completion of Geological Exploration Drilling at Shod Bridge (DKZK2)	
281.	15.05.23	CGGC/KKH-02/ED/DHC-517	Monthly Progress Report	
282.	16.05.23	CGGC/KKH-02/PD/DHC-518	Submission of Explosive Record to The Engineer	
283.	17.05.23	CGGC/KKH-02/ED/DHC-519	Provision of Recommendation Letter for Explosive License in form EL-03	
284.	17.05.23	CGGC/KKH-02/ED/DHC-520	Blasting Plan in Next Week (2023.05.15-2023-05.21)	
285.	17.05.23	CGGC/KKH-02/ED/DHC-521	Weekly Progress Report (2023.05.08-2023.05.14)	
286.	18.05.23	CGGC/KKH-02/CD/DHC-522	Submission of the Statement Application for IPC 07	
287.	18.05.23	CGGC/KKH-02/TD/DHC-523	Reply to the Instruction for the Geophysical Exploration at Tunnel Portal	
288.	20.05.23	CGGC/KKH-02/HSED/DHC-524	Submission of Monthly OHS Progress Report	
289.	22.05.23	CGGC/KKH-02/HSED/DHC-525	Request for Coordination with FWO to Install Traffic Diversion Sign Boards at Chilash & Mansehra Locations	
290.	23.05.23	CGGC/KKH-02/ED/DHC-526	Weekly Progress Report (2023.05.15-2023.05.21)	
291.	23.05.23	CGGC/KKH-02/ED/DHC-527	Blasting Plan in Next Week	
292.	23.05.23	CGGC/KKH-02/PD/DHC-528	Explosive Record	
293.	25.05.23	CGGC/KKH-02/CD/DHC-529	Reply to the Record for Impediment during Construction Activities at Various Sites of KKH-02	
294.	25.05.23	CGGC/KKH-02/CD/DHC-530	Landowner's Impediment during Site Geological Investigation Activities at Kaigah Bridge of KKH-02	
295.	25.05.23	CGGC/KKH-02/TD/DHC-531	Reply to Access Road Construction at K40+ 750	
296.	25.05.23	CGGC/KKH-02/TD/DHC-532	Request for Approval of Preliminary Design Proposal of Shori Bridge	
297.	25.05.23	CGGC/KKH-02/TD/DHC-533	Submission of Revised Schedule for the Geological Survey and Geological Exploration of the KKH-02 Bridges	
298.	25.05.23	CGGC/KKH-02/TD/DHC-534	Request for Modification of Inlet and Outlet location for Summer Tunnel	
299.	25.05.23	CGGC/KKH-02/ED/DHC-535	Traffic Closure Schedule for Existing KKH	
300.	27.05.23	CGGC/KKH-02/CD/DHC-536	Notice of Claim- Landowner's Impediment during Site Geological Investigation Activities at Chalash Bridge K34 of KKH-02	
301.	27.05.23	CGGC/KKH-02/TD/DHC-537	Request for Approval of Inlet and Outlet location of KKH-02 Tunnels	
302.	27.05.23	CGGC/KKH-02/HSED/DHC-538	Submission of Fire Drill Report	
303.	29.05.23	CGGC/KKH-02/CD/DHC-539	Report on the Delay in Land Handover	
304.	29.05.23	CGGC/KKH-02/CD/DHC-540	Record for Impediment during Construction Activities at Various Sites of KKH-02	
305.	29.05.23	CGGC/KKH-02/HSED/DHC-541	Reply to the Engineer's Instructions Based on the .Short Environment Audit for KKH-02	
306.	30.05.23	CGGC/KKH-02/ED/DHC-542	Blasting Plan in Next Week of KKH-02 (2023.05.29-2023.06.04)	
307.	30.05.23	CGGC/KKH-02/ED/DHC-543	Weekly Progress Report (2023.05.22-2023.05.28)	
308.	30.05.23	CGGC/KKH-02/TD/DHC-544	Request for Approval of Preliminary Design Proposal of Chilashi Bridge	
Dasu-TL-01				
Dasu Office				
309.	02.05.23	PC/Dasusite/TL-01/2023-070	Submission of Weekly Progress Report	
310.	03.05.23	PC/Dasusite/TL-01/2023-071	Request for Release of Advance Payment Guarantee	
311.	03.05.23	PC/Dasusite/TL-01/2023-072	Request for Provision of Questionnaire for Contractor Feedback from Employer	
312.	04.05.23	PC/Dasusite/TL-01/2023-073	Data List of In-Migrants -Pak Workforce & Daily Wagers Data for the Month of April , 2023	
313.	04.05.23	PC/Dasusite/TL-01/2023-074	Submission of List of Vehicles for the Month of April , 2023	
314.	05.05.23	PC/Dasu/TL-01/JS/23-003	Submission of Invoices and Requisite Documentations for Claiming Reimbursement Payment of Procurement of LV Power Cables	
315.	06.05.23	PC/Dasusite/TL-01/2023-075	Submission of Change Proposal for Retaining Wall Breast Wall at Access Road at Grid Station Due to Change in Design	
316.	07.05.23	PC/Dasusite/TL-01/2023-076	Submission of Monthly Progress Report for April 2023	
317.	07.05.23	PC/Dasusite/TL-01/2023-077	Submission of 78th Monthly Environment Health & Safety Report for April 2023	
318.	07.05.23	PC/Dasusite/TL-01/2023-078	Delay in the Stringing and Erection Work at Transmission Line and Equipment Installation at Grid Station	
319.	08.05.23	PC/Dasusite/TL-01/2023-079	Submission of Weekly Progress Report	
320.	09.05.23	PC/Dasusite/TL-01/2023-080	Conductor Stolen at T53-T54 in Pattan Area	
321.	11.05.23	PC/Dasusite/TL-01/2023-081	Security Guards Issue at Grid Station	
322.	11.05.23	PC/Dasusite/TL-01/2023-082	Core Activities of Grid Station and Transmission Line	
323.	12.05.23	PC/Dasusite/TL-01/2023-083	Design Supply Installation Testing and Commissioning of Solar Power System for Project Office and Cat-1&2	
324.	23.05.23	PC/Dasusite/TL-01/2023-084	Submission of Weekly Progress Report	
325.	18.05.23	PC/Dasusite/TL-01/2023-085	Conductor Stolen at T61A-T62A in Pattan Area	
326.	19.05.23	PC/Dasusite/TL-01/2023-086	Police Clearance Certificate of Pakistani Staff	
327.	20.05.23	PC/Dasusite/TL-01/2023-087	Security Guards Issue at Grid Station	
328.	21.05.23	PC/Dasusite/TL-01/2023-088	Request for Provision of Wapda Security at Grid Station	
329.	22.05.23	PC/Dasusite/TL-01/2023-089	Submission of Rectification Report for the Closure of NCR (Non - Compliance Report) to SO-33 & SOP-02	
330.	22.05.23	PC/Dasusite/TL-01/2023-090	Submission of Weekly Progress Report	
331.	23.05.23	PC/Dasusite/TL-01/2023-091	Slow Progress of Stringing Work due to Contractor's Defective Equipment -Machinery	
332.	23.05.23	PC/Dasusite/TL-01/2023-092	Non-Availability of Steel Structure and Progress	
333.	23.05.23	PC/Dasusite/TL-01/2023-093	Absence of Contractor's Key Representatives from Site	
334.	24.05.23	PC/Dasusite/TL-01/2023-094	Submission of Incident Corrective Action Plan (ICAP) Closeout of 23 October 2022	
335.	30.05.23	PC/Dasusite/TL-01/2023-095	Submission of Weekly Progress Report	
Dasu MW-01				
Dasu Office				
336.	02.05.23	CGGC/MW-01/TD/DHC-3002	Emergent Work Plan for the Cut-off Wall and the Starter Dam	
337.	01.05.23	CGGC/MW-01/FD/DHC-3003	Request for the Payment of 37 # Interim Payment Certificate	
338.	03.05.23	CGGC/MW-01/PD/DHC-3004	Request for Approval of "Mughal Enterprises " as a Source Supplier	
339.	05.05.23	CGGC/MW-01/ED/DHC-3005	Weekly Progress Report	
340.	04.05.23	CGGC/MW-01/HSED/DHC-3006	he Issue of Non-Construction Person Prevent Construction	

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Appendix E [7/20]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
341.	06.05.23	CGGC/MW-01/CD/DHC-3007	Change in Rate of Sales Tax from 17% to 18%	
342.	06.05.23	CGGC/MW-01/ED/DHC-3008	Blasting Plan in Next Week	
343.	06.05.23	CGGC/MW-01/ED/DHC-3009	Report on the Delay in land Handover	
344.	05.05.23	CGGC/MW-01/TD/DHC-3010	Submission of the Method Statement of Pavement of Left Bank Traffic Diversion Tunnel	
345.	06.05.23	CGGC/MW-01/HRD/DHC-3011	Submission of Staff Information List	
346.	06.05.23	CGGC/MW-01/CD/DHC-3012	Supporting Document for the Firing Incident Claim	
347.	06.05.23	CGGC/MW-01/CD/DHC-3013	Claim for Blast Incident- Submission of Additional Particulars	
348.	06.05.23	CGGC/MW-01/CD/DHC-3014	Supporting Document for the Landslide Incident Claim	
349.	08.05.23	CGGC/MW-01/CD/DHC-3015	Report About Obstruction in 2# Crushing Plant	
350.	10.05.23	CGGC/MW-01/TD/DHC-3016	Submit the Mix Trials Test Result of 60-120mm Slump Concrete with CAYC SBT and Sika	
351.	09.05.23	CGGC/MW-01/TD/DHC-3017	Request to Payment for Additional Slope Protection of CR5-2Road	
352.	10.05.23	CGGC/MW-01/TD/DHC-3018	Clarifying Travel Expenses During Third Party Test Process	
353.	09.05.23	CGGC/MW-01/TD/DHC-3019	Clarification of the Prepare the Pavement Concrete Foundation Surfaces Requirement on LBTD	
354.	09.05.23	CGGC/MW-01/TD/DHC-3020	Submission of the Specifications (Rev-D2) for Hoists of Diversion Tunnels (HSS)	
355.	11.05.23	CGGC/MW-01/ED/DHC-3021	Report on Being Forced to Suspend Construction of Some Parts	
356.	11.05.23	CGGC/MW-01/ED/DHC-3022	Weekly Progress Report of MW-01 (2023.05.01-2023.05.07)	
357.	13.05.23	CGGC/MW-01/CD/DHC-3023	Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Colony Technical Commercial Proposal (2223)	
358.	11.05.23	CGGC/MW-01/ED/DHC-3024	Blasting Plan in Next Week of MW-01 (2023.05.15-2023.05.21)	
359.	14.05.23	CGGC/MW-01/CD/DHC-3025	Updated the Proposal for V0-009A Measures for Debris Flow (First Stage)	
360.	14.05.23	CGGC/MW-01/ED/DHC-3026	Monthly Progress Report	
361.	15.05.23	CGGC/MW-01/ED/DHC-3027	Handover of Land at KASS	
362.	15.05.23	CGGC/MW-01/PD/DHC-3028	Submission of Explosive Record to The Engineer	
363.	15.05.23	CGGC/MW-01/TD/DHC-3030	The Issue of Construction of Sedimentation Tank for Right Bank Bypass Tunnel at Starter Dam (
364.	16.05.23	CGGC/MW-01/TD/DHC-3031	Submission of Joint Survey Siglo Nullah Outlet Debris Material Mapping	
365.	15.05.23	CGGC/MW-01/QA-QC/DHC-3032	Reply to MW-01-NCR-50	
366.	16.05.23	CGGC/MW-01/PD/DHC-3032	Submission of Explosive Record to the Engineer	
367.	17.05.23	CGGC/MW-01/PD/DHC-3034	Pending Issue of the Lighting , Road Signs and Road Surface Markings of the Left Bank Diversion Traffic Tunnel	
368.	15.05.23	CGGC/MW-01/T/DHC-3035	Submission of the Proposal for Setting Monitoring Points at Cut -off Wall	
369.	17.05.23	CGGC/MW-01/TD/DHC-3036	Submit the laboratory Test Plant of RCC Verification Mix Trials	
370.	18.05.23	CGGC/MW-01/TD/DHC-3037	Submission of the Method Statement of Excavation and Supporting of Right Bank Diversion Tunnel (D2)	
371.	17.05.23	CGGC/MW-01/HSED/DHC-3038	Training on Used and New oil Storage PRM item # 55	
372.	17.05.23	CGGC/MW-01/HSED/DHC-3039	Welfare Facilities at CR-02 PRM item # 63 (2324)	
373.	18.05.23	CGGC/MW-01/HSED/DHC-3040	Submission of the Monthly Environment Report in April 2023	
374.	18.05.23	CGGC/MW-01/HSED/DHC-3041	Closure of NCR	
375.	17.05.23	CGGC/MW-01/HSED/DHC-3042	Incident Investigation Report for Barseen Warehouse	
376.	18.05.23	CGGC/MW-01/ED/DHC-3043	Report on the Obstruction in Kass Area	
377.	16.05.23	CGGC/MW-01/ED/DHC-3029	Submission of Method Statement of Excavation and Support of left and Right Banks Cable Car Platforms (D3)	
378.	18.05.23	CGGC/MW-01/CD/DHC-3044	Submission of the Statement Application for IPC 39	
379.	18.05.23	CGGC/MW-01/CD/DHC-3045	Design, Installation , Testing and Commissioning of Solar Power System for Project Colony	
380.	19.05.23	CGGC/MW-01/TD/DHC-3047	The Plan for the Material Testing in Third -Party in May	
381.	19.05.23	CGGC/MW-01/PD/WAPDA/86	Reminder for NOC of Armoured Vehicles	
382.	17.05.23	CGGC/MW-01/ED/DHC-3046	Weekly Progress Report (2023.05.08-2023.05.14)	
383.	21.05.23	CGGC/MW-01/TD/DHC-3048	Evacuation Plan for Starter Dam and Cut- off Wall (D2)	
384.	21.05.23	CGGC/MW-01/PD/DHC-3049	Submission of Explosive Record to the Engineer	
385.	21.05.23	CGGC/MW-01/PD/DHC-3050	Submission of Explosive Record to the Engineer	
386.	21.05.23	CGGC/MW-01/PD/DHC-3051	Submission of Explosive Record to the Engineer	
387.	21.05.23	CGGC/MW-01/PD/DHC-3052	Submission of Explosive Record to the Engineer	
388.	20.05.23	CGGC/MW-01/ED/DHC-3053	Report on Other Contractor Activity Interference	
389.	21.05.23	CGGC/MW-01/ED/DHC-3054	Blasting Plan in Next Week	
390.	23.05.23	CGGC/MW-01/TD/DHC-3055	Submission of the Method Statement of Pavement for Left Bank Traffic Diversion Tunnel (D2)	
391.	23.05.23	CGGC/MW-01/TD/DHC-3056	On the Clarifications of the Inlet and Outlet Structure of the Left Bank Traffic Diversion Tunnel	
392.	23.05.23	CGGC/MW-01/HSED/DHC-3057	Submission of the Monthly OHS Report in April 2023	
393.	24.05.23	CGGC/MW-01/GD/DHC-3058	Improvement of Security at GBHP Hattian Camp District Attock	
394.	25.05.23	CGGC/MW-01/PD/DHC-3059	Submission of Explosive Record to the Engineer	
395.	25.05.23	CGGC/MW-01/PD/DHC-3060	Submission of Explosive Record to the Engineer	
396.	25.05.23	CGGC/MW-01/HSED/DHC-3061	Submission of Required Documents for Third-Party Environmental Monitoring Laboratory	
397.	24.05.23	CGGC/MW-01/ED/DHC-3062	Request for Removal of the Cable and Other Facilities along Existing KKH	
398.	24.05.23	CGGC/MW-01/ED/DHC-3063	Obstruction in 2# Crushing Plant	
399.	25.05.23	CGGC/MW-01/ED/DHC-3064	Weekly Progress Report of MW-01 (2023.05.15-2023.05.21)	
400.	26.05.23	CGGC/MW-01/CD/DHC-3065	Commercial Proposal for MW-01 Slope Protection for Left and Right	
401.	27.05.23	CGGC/Dasu/HPP-167	Application for Remuneration for Additional Aggregate and Concrete Production Plant under SC 20.2	
402.	28.05.23	CGGC/MW-01/TD/DHC-3066	Submission of the Summary Report of Site Trial Test for Hand-held Wet Shotcreting Machine	
403.	28.05.23	CGGC/MW-01/ED/DHC-3067	Blasting Plan in Next Week of MW-01 (2023.05.29-2023.06.04)	
404.	28.05.23	CGGC/MW-01/TD/DHC-3068	Submission of the Method Statement for New Uchar Bypass Road	
405.	28.05.23	CGGC/MW-01/CD/DHC-3069	Commercial Proposal for MW-01-VO-010- Downstream RCC Cofferdam	
406.	30.05.23	CGGC/MW-01/TD/DHC-3070	Submission of Starting Preparation Work for the Site Production Trial Test of Post-tensioned Tendon on Cable Crane Platform	
407.	29.05.23	CGGC/MW-01/HSED/DHC-3071	Initial Incident Report at Siglo	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
408.	30.05.23	CGGC/MW-01/TD/DHC-3072	Issue of Nucleon Density Instrument Purchase and Transportation	
409.	31.05.23	CGGC/MW-01/CD/WAPDA-87	Contractor's All Risks (CAR) And Third Party Insurance Policies	
410.	31.05.23	CGGC/MW-01/PD/DHC-3073	Submission of the Document of the Steel Sections Manufacturer's Information	
411.	31.05.23	CGGC/MW-01/PD/DHC-3074	Enhancement of Security of Expatriates	
Dasu-MW-02				
Dasu-Office				
412.	01.05.23	CGGC/MW-02/HRD/DHC-2169	Visa Invitation Letter	
413.	01.05.23	CGGC/MW-02/ED/DHC-2173	Request for the Payment of 37 # Interim Payment Certificate	
414.	04.05.23	CGGC/MW-02/ED/DHC-2174	The Convergence Measurements Data	
415.	05.05.23	CGGC/MW-02/ED/DHC-2175	Weekly Progress Report (2023.04.24 - 2023.04.30)	
416.	03.05.23	CGGC/MW-02/ED/DHC-2176	Report about Access Road Interference in Switchyard Area	
417.	06.05.23	CGGC/MW-02/CD/DHC-2177	Change in Rate of Sales Tax from 17 % to 18%	
418.	06.05.23	CGGC/MW-02/ED/DHC-2178	Blasting Plan	
419.	06.05.23	CGGC/MW-02/ED/DHC-2179	Report on the Delay in Land Handover	
420.	06.05.23	CGGC/MW-02/HRD/DHC-2180	Submission of Staff Information List	
421.	06.05.23	CGGC/MW-02/CD/DHC-2181	Supporting Document for the Firing Incident Claim	
422.	06.05.23	CGGC/MW-02/CD/DHC-2182	Claim for Blast Incident- Submission of Additional Particulars	
423.	07.05.23	CGGC/MW-02/HRD/DHC-2183	Apply for Approval of Environmental Officer	
424.	10.05.23	CGGC/MW-02/TD/DHC-2184	Confirmation of the Construction and Payment of the Protective Retaining Wall at Power Intake EL.873m	
425.	10.05.23	CGGC/MW-02/TD/DHC-2185	Clarifying Travel Expenses During Third Party Test Process	
426.	10.05.23	CGGC/MW-02/TD/DHC-2186	Submit the Mix Trials Test Results of 60-120mm Slump Concrete with CAYS SBT and Sika	
427.	11.05.23	CGGC/MW-02/ED/DHC-2187	Report on Being Forced to Suspend Construction of Some Parts	
428.	11.05.23	CGGC/MW-02/ED/DHC-2188	Weekly Progress Report of MW-02 (2023.05.01-2023.05.07)	
429.	13.05.23	CGGC/MW-02/TD/DHC-2189	Requesting for Issuance the Request for Proposal against PS Tendon Anchor Head for Hanging Steel Roof of Powerhouse and Transformer cavern	
430.	14.05.23	CGGC/MW-02/ED/DHC-2190	Blasting Plan of MW-02	
431.	15.05.23	CGGC/MW-02/ED/DHC-2191	Monthly Progress Report	
432.	15.04.23	CGGC/MW-02/ED/DHC-2192	Interference on Access Road to Switchyard Area	
433.	15.05.23	CGGC/MW-02/ED/DHC-2193	Submission of Explosive Record to The Engineer	
434.	16.05.23	CGGC/MW-02/ED/DHC-2195	-Submission of Explosive Record to The Engineer	
435.	15.05.23	CGGC/MW-02/CD/DHC-2194	Commercial Proposal	
436.	18.05.23	CGGC/MW-02/TD/DHC-2196	Pending Issue of the Construction Drawing of Switchyard Compound	
437.	16.05.23	CGGC/MW-02/TD/DHC-2197	Confirmation of the Over Coring Test Locations	
438.	18.05.23	CGGC/MW-02/TD/DHC-2198	Pending Issue of Construction Drawings of Power Intake Below EL.961.6	
439.	18.05.23	CGGC/MW-02/TD/DHC-2199	Pending Issue of Construction Drawings of GIL Shaft	
440.	18.05.23	CGGC/MW-02/TD/DHC-2200	Pending Issue of Construction Drawings of Transformer Cavern Below EL.772.5	
441.	18.05.23	CGGC/MW-02/TD/DHC-2202	Submission of the Protective Retaining Wall Method Statement of Power Intake EL.873m Platform (D3)	
442.	18.05.23	CGGC/MW-02/HSED/DHC-2201	Submission of the Monthly Environment Report in April 2023	
443.	18.05.23	CGGC/MW-02/HSED/DHC-2204	Submission of the Statement Application for IPC -39	
444.	19.05.23	CGGC/MW-02/TD/DHC-2206	The Plan for the Material Testing in Third -Party in May	
445.	19.05.23	CGGC/MW-02/PD/WAPDA/40	Reminder for Noc of Armoured Vehicles	
446.	17.05.23	CGGC/MW-02/ED/DHC-2205	Weekly Progress Report (2023.05.08-2023.05.14)	
447.	21.05.23	CGGC/MW-02/ED/DHC-2207	Blasting Plan	
448.	23.05.23	CGGC/MW-02/HSED/DHC-2208	Submission of the Monthly OHS Report in April 2023	
449.	25.05.23	CGGC/MW-02/ED/DHC-2209	Weekly Progress Report of MW-02(2023.05.15-2023.05.21)	
450.	28.05.23	CGGC/MW-02/TD/DHC-2210	Submission of the Method Statement Against the Crown Collapse of the 2# Lower Pressure Tunnel	
451.	28.05.23	CGGC/MW-02/ED/DHC-2211	Blasting Plan of MW-02	
452.	29.05.23	CGGC/MW-02/CD/DHC-2212	Cooperation with Other Contractors Temporary Road Construction at Switchyard	
453.	27.05.23	CGGC/MW-02/CD/DHC-2213	Rock Stress Measurement by Over Coring Method Statement & Equipment	
454.	31.05.23	CGGC/MW-02/CD/WAPDA-41	Contractor's All Risks (CAR) And Third Party Insurance Policies	
455.	31.05.23	CGGC/MW-02/PD/DHC-2214	Submission of the Document of the Steel Sections Manufacturer's Information	
456.	31.05.23	CGGC/MW-02/PD/DHC-2215	Enhancement of Security of Expatriates	
Dasu-LBRV-12				
Dasu-Office				
457.	10.05.23	ZEG/DHC/LBRV-12/23-05	Variation Regarding Omission of Non-Handed Over Resettlement Sites (2211)	
458.	20.05.23	ZEG/DHC/LBRV-12/23-06	Instructions to Complete Outstanding Work at Handed over Resettlement Sites	
2.11. PCI-01R				
Dasu- Office				
459.	01.05.23	CGICOP-Dasu-PCI-01R-PO-1726	Response to Withdrawal of Engineer's Instructions for Multiple Variations	
460.	01.05.23	CGICOP-Dasu-PCI-01R-PO-1727	Submission of Pump Quotation , for Water Treatment Plant of Main Water Supply from Indus River	
461.	02.05.23	CGICOP-Dasu-PCI-01R-PO-1728	Notice of Force Majeure due to Adverse Climatic Conditions & Stoppage by Local People for Uchar Water Supply Works	
462.	02.05.23	CGICOP-Dasu-PCI-01R-PO-1729	Request to Release the Detained Skilled Labor by Police	
463.	03.05.23	CGICOP-Dasu-PCI-01R-PO-1730	Notice for Delay in Issuance of Clarification of Boundary Wall Design Part - 2 & Right of Access to Site	
464.	05.05.23	CGICOP-Dasu-PCI-01R-PO-1731	Notice for Delay in Issuance of Car Porch Levels & Dive Way Slope for the Residence Category 3 Buildings & Additional Work for Dismantling	
465.	05.05.23	CGICOP-Dasu-PCI-01R-PO-1732	Notice for Delay Due to Non Provision of Right of Access to Site for Slope Protection Works at Choochag-1	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
466.	06.05.23	CGICOP-Dasu-PCI-01R-PO-1733	Request for Manufacture & Sample Approval of (LED Bulb)	
467.	07.05.23	CGICOP-Dasu-PCI-01R-PO-1734	Notice for Delay in Issuance of Revise Layout of S 9 Road Addition of Retaining Wall Infront of the Residence Category - 4B	
468.	06.05.23	CGICOP-Dasu-PCI-01R-PO-1735	Submission of Health and Safety Monthly Report April 2023	
469.	07.05.23	CGICOP-Dasu-PCI-01R-PO-1736	Submission of Resource Loaded Schedule as Per Advisor to Chairman WAPDA Direction	
470.	07.05.23	CGICOP-Dasu-PCI-01R-PO-1737	Monthly Progress Report for the Month of April 2023	
471.	07.05.23	CGICOP-Dasu-PCI-01R-PO-1738	Submission of Variation Order #49 for Supply & Installation of Fiberglass Shade Over the Terrace Doors in Residence Category -1 & 2 Buildings	
472.	08.05.23	CGICOP-Dasu-PCI-01R-PO-1739	Request for Cable Manufacturer Approval	
473.	09.05.23	CGICOP-Dasu-PCI-01R-PO-1740	Request for Payment IPC No.40 of Contract	
474.	09.05.23	CGICOP-Dasu-PCI-01R-PO-1741	Request for Approval of Sheikho Steel (A Project of Sheikho Sugar Milla Limited)	
475.	11.05.23	CGICOP-Dasu-PCI-01R-PO-1742	Notice for Delay in Issuance of Change in Design of the Hostel Category-2 Building	
476.	11.05.23	CGICOP-Dasu-PCI-01R-PO-1743	Requested for the Confirmation of the 5 No Watch Tower Location	
477.	11.05.23	CGICOP-Dasu-PCI-01R-PO-1744	Submission of IPA # 41	
478.	12.05.23	CGICOP-Dasu-PCI-01R-PO-1745	Taking Over of Project Office & Residence Category - 1 Buildings	
479.	13.05.23	CGICOP-Dasu-PCI-01R-PO-1746	Submission of Variation Order # 37 for Varied Works of Construction of Supportive Boundary Wall for Project Office Building along the P1 Road Side	
480.	14.05.23	CGICOP-Dasu-PCI-01R-PO-1747	Submission of Variation Order # 50 for Varied Works of Construction of MS Drain Cover for Residence Category- 2 (51 Houses)	
481.	16.05.23	CGICOP-Dasu-PCI-01R-PO-1748	Submission of ITTEHAD ALUMINIUM INDUSTRIES Company Profile	
482.	16.05.23	CGICOP-Dasu-PCI-01R-PO-1749	Submission of Diamond Paint Company Profile, ISO Certificates, Registration	
483.	17.05.23	CGICOP-Dasu-PCI-01R-PO-1750	Notice for Delay in Issuance of Floor Pattern Detail Drawing of the Community Center Building	
484.	17.05.23	CGICOP-Dasu-PCI-01R-PO-1751	Request for Approval of Ceramic Tiles Manufacturer's M-s Time Ceramics & M-s Oreai Ceramics for Phase-B Buildings	
485.	18.05.23	CGICOP-Dasu-PCI-01R-PO-1752	Notice for Delay in Issuance of Engineer's Instruction for Addition of HDPE Over head Water Tanks	
486.	18.05.23	CGICOP-Dasu-PCI-01R-PO-1753	-Notice for Delay in Issuance of Colony Main gate Color Code and Confirmation of Wapda Logo	
487.	18.05.23	CGICOP-Dasu-PCI-01R-PO-1754	Notice for Taking Over of Residence Category 2 & 2A (16 Houses)	
488.	18.05.23	CGICOP-Dasu-PCI-01R-PO-1755	Notice for Taking Over of Security Guard Rooms (02 numbers) at Both Sides of the Main Gates of WAPDA Colony	
489.	19.05.23	CGICOP-Dasu-PCI-01R-PO-1756	Request for HDPE Pipe's Manufacturer Approval (Phase -B) or Wherever Required	
490.	20.05.23	CGICOP-Dasu-PCI-01R-PO-1757	Submission of Samples of Skyled Light and Data Sheet for Approval	
491.	21.05.23	CGICOP-Dasu-PCI-01R-PO-1758	Addition of HDPE Overhead Water Tanks at Mumty Floor of the Wapda Project Office Building	
492.	22.05.23	CGICOP-Dasu-PCI-01R-PO-1759	Submission of Variation Order # 51 for Security Works Part -1 CCTV Camera Supply & Installation Works	
493.	25.05.23	CGICOP-Dasu-PCI-01R-PO-1760	Request for the Confirmation of the 5 Nos Watch Tower Location	
494.	25.05.23	CGICOP-Dasu-PCI-01R-PO-1761	-Delay in Provision of Engineers Instruction & Design for Aluminum Doors at Emergency Entrances of WAPDA Project office Building	
32.12 Dasu RV				
Dasu Office				
495.	03.05.23	KGL/Dasu-RV/23-042	Approval of Manufacturer for Diesel Generator Set	
496.	03.05.23	KGL/Dasu-RV/23-043	Varied Works of Water Transmission Line for RV Sites Khoshe 1&2	
497.	05.05.23	KGL/Dasu-RV/23-044	Varied Works of Water Transmission Line for RV Sites Khoshe 1 & 2	
498.	06.05.23	KGL/Dasu-RV/23-085	Submission of Revalidated Performance Bank Guarantee	
499.	16.05.23	KGL/Dasu-RV/23-045	Submission of Interim Payment Certificate No.15	
500.	23.05.23	KGL/Dasu-RV/23-046	Varied Works for Construction of Mosque at RV Site Khoshe-2 Link-1	
501.	29.05.23	KGL/Dasu-RV/23-049	Stoppage of Work	
2.13 Dasu EM-01				
Dasu Office				
502.	04.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0135	Estimated Budget of Facilities for Police and Security Forces at EM-01 Camp	
503.	04.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0136	Submission of Drawings for EM-01-Camp Site	
504.	05.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0137	Follow Up Response to Contractor's Commercial Letters (as of 30th April 2023)	
505.	05.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0138	Submission of Drawings for EM-01 Camp Site	
506.	06.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0139	Submission of Ambulance Vehicle Documents Hired for EM-01 Lower Kass Camp	
507.	06.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0140	Employers Witness Schedule for FAT on Unit 4 Stay Ring	
508.	08.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0141	Submission of Drawings for Camp Site	
509.	09.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0142	Application for Reimbursement of Import Duties and Tax (Shipment No.1)	
510.	09.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0143	Information and Document Requested for Customs Clearance Shipment No.2	
511.	10.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0144	Application of Payment of Local Transportation Price (Shipment No.1)	
512.	11.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0145	Delayed Approval for Contractors Technical Drawings	
513.	12.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0150	Quarterly Progress Report, Q1 2023	
514.	13.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0149	Submission of Drawings for EM-01 Camp Site	
515.	14.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0148	Proposal for Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Office	
516.	15.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0157	Follow Up Response to Contractor's Commercial Letters (as of 12th May 2023)	
517.	15.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0146	Interest Amount for Delayed Payment under IPC No.02	
518.	16.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0154	Submission of Revised CEAP for EM-01 Camp Site	
519.	15.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0156	Personal Expenses for Attendance of Employer's Personnel at Factory Tests and Factory training	
520.	16.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0158	Claim No. EM-01C-05- RoW (Right of Way) issues at EM-01 Site Camp	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
521.	15.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0159	Assessment on Subject of Taxes Being Levied on Contractor	
522.	17.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0147	Submission of Police Clearance Certificates of Pakistani Staff	
523.	15.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0155	Submission of Revised OHSMP for EM-01 Camp Site	
524.	19.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0161	Claim Additional Payment for February 2023-Delay in Generation of Financial Instrument (FI) Number for Shipment No.2	
525.	22.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0144	Applicaition for Payment of Local Transportation Price (Shipment No.1 from Karachi Port to Ghazi Barotha)	
526.	22.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0160	Dasu U3 Runner Fat Notification for Inspection (NFI) and Test Program	
527.	23.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0151	Monthly Progress Report April 2023	
528.	23.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0162	Joint Inspection and Acceptance for 2nd shipment at Ghazi-Barotha Warehouse	
529.	23.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0163	Submission of Drawings for EM-01 Camp Site	
530.	24.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0152	Resubmission Excitation Cubicle and Transformer Drawing	
531.	23.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0164	Re-Submission of the Updated (2023 0522) EM-01 Hydro Plant Program of Performance V1.10	
532.	24.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0166	Dasu U3 Shaft Seal Inspection Notification No.2	
533.	26.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0153	Re-submission of the Revised Master List and Revised Schedules of Prices	
534.	29.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0165	Application for the Interim Payment for Operation and Maintenance of Transportation (Schedule No.4)	
535.	30.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0168	Final Claim for December2022-Delay in Generation of Financial Instrument (FI) Number-EM-01 C-07	
536.	29.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0169	Proposal for Design Supply Installation Testing and Commissioning of Solar Power System for Project Office at Colony Clarification No.01	
537.	31.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0170	Request for Conversion of Intercity Statistic Bulletin to National Statistics Bulletin In Price Adjustment for Local Currency Under Contract	
538.	31.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0172	Distributor assembly FAT Notification For Inspection (NFI) and test program	
539.	31.05.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0173	Submission of Drawings for EM-01 Camp Sit	

Outgoing Letters from DHC

Sr. No	Date	Letter No.	Subject	Remarks
1. To WAPDA				
General				
Lahore office				
1.	08.05.23	DHC/LHR/WAPDA/GEN/aiq/23-062	Invoice (Remuneration) Foreign Currency Portion of March 2023-EURO	
2.	08.05.23	DHC/LHR/WAPDA/GEN/aiq/23-062	Invoice (Remuneration) Foreign Currency Portion of March 2023-JPY	
3.	08.05.23	DHC/LHR/WAPDA/GEN/aiq/23-063	Statement Reimbursable Expenses Foreign Currency Portion of March 2023-EURO	
4.	08.05.23	DHC/LHR/WAPDA/GEN/aiq/23-063	Statement Reimbursable Expenses Foreign Currency Portion of March 2023-JPY	
5.	11.05.23	DHC/LHR/WAPDA/GEN/zuh/23-064	QPR No. 34 for Quarter October to December 2023	
6.	12.05.23	DHC/LHR/WAPDA/GEN/zuh/23-065	Request for Approval Sher Gul TBN Position Sr Site Engineer (Bridges & Structures) NP3	
7.	13.05.23	DHC/LHR/WAPDA/GEN/aiq/23-066	Gratuity and EOBI for DHC Non-Technical Staff Working for Dasu HPP	
8.	17.05.23	DHC/LHR/WAPDA/GEN/aiq/23-067	Invoice Remuneration Local Currency Portion for April 2023	
9.	23.05.23	DHC/LHR/WAPDA/GEN/aiq/23-068	Audit Payments Made to DHC for Period Oct. 2016 to Apr. 2020 carried out 22.10.20 to 01.01.21	
10.	29.05.23	DHC/LHR/WAPDA/GEN/aiq/23-069	Statement of Reimbursable Expenses Local Currency Portion for February 2023	
11.	30.05.23	DHC/LHR/WAPDA/GEN/zuh/23-070	Request for Approval Masoom Azhar Sr Site Engineer (Road-C) L69 Repl Muhammad Imran Hanif	
12.	30.05.23	DHC/LHR/WAPDA/GEN/zuh/23-071	Request for Approval Muhammad Awais Khan Contract Engineer-2 as Sr Contract Engineer (L96)	
13.	31.05.23	DHC/LHR/WAPDA/GEN/aiq/23-072	Invoice (Remuneration) Foreign Currency Portion of April 2023-EURO	
14.	31.05.23	DHC/LHR/WAPDA/GEN/aiq/23-072	Invoice (Remuneration) Foreign Currency Portion of April 2023-EURO	
15.	31.05.23	DHC/LHR/WAPDA/GEN/aiq/23-073	Statement of Reimbursable Expenses Foreign Currency Portion of April 2023-EURO	
16.	31.05.23	DHC/LHR/WAPDA/GEN/aiq/23-073	Statement of Reimbursable Expenses Foreign Currency Portion of April 2023-EURO	
Dasu office				
17.	01.05.23	DHC/Dasu/WAPDA/GEN/you/23-441	Security Arrangement for Travelling of CCECC Expatriates	
18.	01.05.23	DHC/Dasu/WAPDA/GEN/you/23-442	Security Arrangement for Travelling of CGGC Expatriates	
19.	01.05.23	DHC/Dasu/WAPDA/GEN/you/23-443	Security Arrangement for Travelling of CGICOP Expatriates	
20.	01.05.23	DHC/Dasu/WAPDA/GEN/you/23-444	Security Arrangement for Travelling of DHC Expatriates (Mr. Neil White)	
21.	01.05.23	DHC/Dasu/WAPDA/GEN/you/23-445	Security Arrangement for Travelling of CGGC Expatriates	
22.	02.05.23	DHC/Dasu/WAPDA/GEN/you/23-446	Revised Security Arrangement for Travelling of DHC Expatriates (Mr. Ali Muraat)	
23.	02.05.23	DHC/Dasu/WAPDA/GEN/you/23-447	Security Arrangement for Travelling of DHC Expatriates (Mr. Serkan)	
24.	02.05.23	DHC/Dasu/WAPDA/GEN/you/23-448	Revised-Security Arrangement for Travelling of DHC Expatriates (Ali Onur & Neil White)	
25.	03.05.23	DHC/Dasu/WAPDA/GEN/you/23-449	Security Arrangement for Travelling of CCECC Expatriates	
26.	03.05.23	DHC/Dasu/WAPDA/GEN/you/23-450	Security Arrangement for Travelling of CGGC Expatriates	
27.	03.05.23	DHC/Dasu/WAPDA/GEN/you/23-451	Security Arrangement for Travelling of DHC Expatriates	
28.	03.05.23	DHC/Dasu/WAPDA/GEN/JF/23-452	Request for Approval Additional Three (03) MMs Mr. Michiya NAGURA Traffic Expert KNP26	
29.	03.05.23	DHC/Dasu/WAPDA/GEN/you/23-453	Security Arrangement for Travelling of CGGC Expatriates	
30.	04.05.23	DHC/Dasu/WAPDA/GEN/you/23-454	Security Arrangement for Travelling of MSC Expatriates	
31.	04.05.23	DHC/Dasu/WAPDA/GEN/you/23-455	Security Arrangement for Travelling of CCECC Expatriates	
32.	04.05.23	DHC/Dasu/WAPDA/GEN/nk/23-456	Request for Approval of Mr. Burgehan AKCARU Position K21 Chief Design Engineer (Waterways)	
33.	04.05.23	DHC/Dasu/WAPDA/GEN/ohs/23-457	DHPP Work Crew Cultural Induction	
34.	04.05.23	DHC/Dasu/WAPDA/GEN/ohs/23-458	Security Arrangement for Travelling of CCECC Expatriates	
35.	05.05.23	DHC/Dasu/WAPDA/GEN/ohs/23-459	Security Arrangement for Travelling of CGGC Expatriates	
36.	05.05.23	DHC/Dasu/WAPDA/GEN/you/23-460	Security Arrangement for Travelling of DHC Expatriates (Naim Karaman & Samejima)	
37.	05.05.23	DHC/Dasu/WAPDA/GEN/you/23-461	Security Arrangement for Travelling of DHC Expatriates (Mr. Gordon Allan)	
38.	06.05.23	DHC/Dasu/WAPDA/GEN/you/23-462	Security Arrangement for Travelling of CGGC Expatriates	
39.	06.05.23	DHC/Dasu/WAPDA/GEN/you/23-463	Security Arrangement for Travelling of CGICOP Expatriates	
40.	06.05.23	DHC/Dasu/WAPDA/GEN/you/23-464	Security Arrangement for Travelling of CCECC Expatriates	
41.	07.05.23	DHC/Dasu/WAPDA/GEN/you/23-465	Security Arrangement for Travelling of CGGC Expatriates	
42.	08.05.23	DHC/Dasu/WAPDA/GEN/you/23-466	Security Arrangement for Travelling of CGGC Expatriates	
43.	08.05.23	DHC/Dasu/WAPDA/GEN/you/23-467	Security Arrangement for Travelling of PCCC Expatriates	
44.	08.05.23	DHC/Dasu/WAPDA/GEN/sad/23-468	Provision of Google Images of TL-01 Route (TL-37 A- TL212A)	
45.	08.05.23	DHC/Dasu/WAPDA/GEN/sad/23-469	Applications	
46.	08.05.23	DHC/Dasu/WAPDA/GEN/sad/23-470	Clarification Correction of structures built up Property of khasra-No. 31 & 88 khushi Area	
47.	08.05.23	DHC/Dasu/WAPDA/GEN/cad/23-471	Engineer's Response to PDP No. 120 - Rejoinder	
48.	09.05.23	DHC/Dasu/WAPDA/GEN/you/23-472	Security Arrangement for Travelling of CGGC Expatriates	
49.	09.05.23	DHC/Dasu/WAPDA/GEN/you/23-473	Security Arrangement for Travelling of MSC Expatriates	
50.	09.05.23	DHC/Dasu/WAPDA/GEN/you/23-474	Security Arrangements for travelling of DHC Expatriates	
51.	09.05.23	DHC/Dasu/WAPDA/GEN/you/23-475	Security Arrangement for Travelling of CGGC Expatriates	
52.	10.05.23	DHC/Dasu/WAPDA/GEN/you/23-476	Security Arrangement for Travelling of CGGC Expatriates	
53.	10.05.23	DHC/Dasu/WAPDA/GEN/you/23-477	Invitation to Attend Lahore International Disputes Weekend 2023	
54.	10.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-478	Payment of Special Assistance for Vulnerable HHs (Soniwal)	
55.	10.05.23	DHC/Dasu/WAPDA/GEN/you/23-479	Extension Case of Multiple Entry Business Visa to DHC Expatriates Staff	
56.	10.05.23	DHC/Dasu/WAPDA/GEN/rob/23-480	Request for Release of Teacher Salary of Skill Development Training in Kuz Chuchang (Pilot Training)	
57.	10.05.23	DHC/Dasu/WAPDA/GEN/you/23-481	Security Arrangement for Travelling of PCCC Expatriates	
58.	12.05.23	DHC/Dasu/WAPDA/GEN/you/23-482	Security Arrangement for Travelling of CCECC Expatriates	
59.	12.05.23	DHC/Dasu/WAPDA/GEN/you/23-483	Security Arrangement for Travelling of CGGC Expatriates	
60.	12.05.23	DHC/Dasu/WAPDA/GEN/you/23-484	Security Arrangement for Travelling of CGGC Expatriates	

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Appendix E [12/20]

Sr. No	Date	Letter No.	Subject	Remarks
61.	12.05.23	DHC/Dasu/WAPDA/GEN/you/23-485	Security Arrangements for Travelling of MSC Expatriates	
62.	12.05.23	DHC/Dasu/WAPDA/GEN/you/23-486	Security Arrangements for Travelling of CCECC Expatriates	
63.	11.05.23	DHC/Dasu/WAPDA/GEN/you/23-487	Security Arrangement for Travelling of CGGC Expatriates	
64.	11.05.23	DHC/Dasu/WAPDA/GEN/you/23-488	Security Arrangement for Travelling of PCCC Expatriates	
65.	12.05.23	DHC/Dasu/WAPDA/GEN/amr/23-489	Application Regarding Self Managed Relocation	
66.	12.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-490	Payment of Project Allowance to 35 AHHS of Various Villages	
67.	12.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-491	Correction in Record Against Application Submitted by Gul Zada S-O Afsar R-O Sigloo Seo District Kohistan	
68.	12.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-492	Application Regarding Self-Managed Relocation (SMR)	
69.	14.05.23	DHC/Dasu/WAPDA/GEN/sad/23-493	Assessment Report of Fruit Plant in Respect of the Shatiyal Nullah to Harban End Reservoir (File-5)	
70.	15.05.23	DHC/Dasu/WAPDA/GEN/myb/23-494	Security Arrangements for Travelling of DHC Expatriate (Mr.Hernandez Juan Carlos)	
71.	12.05.23	DHC/Dasu/WAPDA/GEN/amr/23-495	Submission of Assessment Report on Temporary Relocation of Government Schools of Kuz Komila and Seer Gayal	
72.	15.05.23	DHC/Dasu/WAPDA/GEN/you/23-496	Security Arrangements for Travelling of CGGC Expatriates	
73.	16.05.23	DHC/Dasu/WAPDA/GEN/myb/23-497	Security Arrangements for Travelling of DHC Expatriates (Mr.Erkan Bozkurt)	
74.	16.05.23	DHC/Dasu/WAPDA/GEN/you/23-498	Revised Security Arrangements for Travelling of CGGC Expatriates	
75.	16.05.23	DHC/Dasu/WAPDA/GEN/you/23-499	Security Arrangements for Travelling of CCECC Expatriates	
76.	16.05.23	DHC/Dasu/WAPDA/GEN/sad/23-500	Revenue Survey for New Additional Land to Retain Sliding Komila Bypass	
77.	15.05.23	DHC/Dasu/WAPDA/GEN/zic/23-501	Submission of Updated DHPP Transportation Management Plant Draft-5	
78.	16.05.23	DHC/Dasu/WAPDA/GEN/zic/23-502	Hiring of Instrumentation Engineer for Supervision and Monitoring of Installation of Instruments During Construction of Dam	
79.	16.05.23	DHC/Dasu/WAPDA/GEN/zic/23-503	Hiring of Instrumentation Engineer for Supervision and Monitoring of Installation of Instruments During Construction of Dam	
80.	15.05.23	DHC/Dasu/WAPDA/GEN/hn/23-504	MPR-No.105-for the Month of April 2023 Under Assignment-B	
81.	17.05.23	DHC/Dasu/WAPDA/GEN/you/23-505	Security Arrangement for Travelling of CGGC Expatriates	
82.	18.05.23	DHC/Dasu/WAPDA/GEN/you/23-506	Security Arrangement for Travelling of CCECC Expatriates	
83.	18.05.23	DHC/Dasu/WAPDA/GEN/you/23-507	Security Arrangements for Travelling of CGICOP Expatriate	
84.	18.05.23	DHC/Dasu/WAPDA/GEN/you/23-508	Security Arrangement for Travelling of CGGC Expatriates	
85.	18.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-509	Request for Approval of Funds for Soniwals (Vulnerable Group) Affected Due to DHPP	
86.	19.05.23	DHC/Dasu/WAPDA/GEN/nhs/23-510	Security Arrangement for Travelling of CCECC Expatriates	
87.	19.05.23	DHC/Dasu/WAPDA/GEN/sad/23-511	Lor Shatiyal Nullah to Reservoir End Point Areas	
88.	21.05.23	DHC/Dasu/WAPDA/GEN/you/23-512	Security Arrangements for Travelling of CGGC Expatriates	
89.	21.05.23	DHC/Dasu/WAPDA/GEN/you/23-513	Security Arrangements for Travelling of CCECC Expatriates	
90.	21.05.23	DHC/Dasu/WAPDA/GEN/you/23-514	Security Arrangements for Travelling of CGGC Expatriate	
91.	21.05.23	DHC/Dasu/WAPDA/GEN/you/23-515	Security Arrangements for Travelling of CCECC Expatriates	
92.	19.05.23	DHC/Dasu/WAPDA/GEN/nk/23-516	Withdrawal of the Engineers Request for Approval of Mr.Sher Gul Position of Sr.Site Engineer (NP3)	
93.	19.05.23	DHC/Dasu/WAPDA/GEN/amr/23-517	Digital Copies of Complete Record Pertaining to Social Environment All Contractors of Dasu HPP	
94.	20.05.23	DHC/Dasu/WAPDA/GEN/sad/23-518	Over Lapping of Musavis of the Components Bailey Bridge Gumoon Looter (Right Side) Areas-2 & 3	
95.	22.05.23	DHC/Dasu/WAPDA/GEN/myb/23-519	Security Arrangements for Travelling of DHC Expatriate as a Special Case (Mr.Yoshiaki Samejima)	
96.	22.05.23	DHC/Dasu/WAPDA/GEN/myb/23-520	Security Arrangements for Travelling of DHC Expatriate as a Special Case (Mr.Fidencio Mendez & Hernandez Juan Carlos)	
97.	22.05.23	DHC/Dasu/WAPDA/GEN/myb/23-521	Security Arrangements for Travelling of DHC Expatriate (Mr.Serkan Harmandar)	
98.	22.05.23	DHC/Dasu/WAPDA/GEN/myb/23-522	Security Arrangements for Travelling of DHC Expatriate (Mr.Takuji Kataoka)	
99.	22.05.23	DHC/Dasu/WAPDA/GEN/you/23-523	Security Arrangements for Travelling of GEPC Expatriates as a Special Case	
100.	22.05.23	DHC/Dasu/WAPDA/GEN/myb/23-524	Security Arrangements for Travelling of DHC Expatriates (Mr.Naim Karaman & Serkan Harmandar)	
101.	22.05.23	DHC/Dasu/WAPDA/GEN/nk/23-525	Request for Approval of Mr.Burgehan Akcaru for Position of K21 Chief Design Engineer (Waterways)	
102.	23.05.23	DHC/Dasu/WAPDA/GEN/you/23-526	Revised Security Arrangement for Travelling of GEPC Expatriates	
103.	23.05.23	DHC/Dasu/WAPDA/GEN/you/23-527	Security Arrangements for Travelling of CGGC Expatriates	
104.	24.05.23	DHC/Dasu/WAPDA/GEN/you/23-528	Security Arrangement for Travelling of CCECC Expatriates	
105.	24.05.23	DHC/Dasu/WAPDA/GEN/you/23-529	Security Arrangements for Travelling of CCECC Expatriates	
106.	24.05.23	DHC/Dasu/WAPDA/GEN/you/23-530	Security Arrangements for Travelling of CGGC Expatriates	
107.	25.05.23	DHC/Dasu/WAPDA/GEN/myb/23-531	Security Arrangements for Travelling of DHC Expatriate as a Special Case (Mr.Cem Aker)	
108.	25.05.23	DHC/Dasu/WAPDA/GEN/you/23-532	Security Arrangements for Travelling of CGGC Expatriates	
109.	25.05.23	DHC/Dasu/WAPDA/GEN/TJ/23-533	Summary of Compensation Payment of 25 Components for Accounts Adjustment	
110.	25.05.23	DHC/Dasu/WAPDA/GEN/OHS/23-534	CGGC Explosive Records for April and May 2023	
111.	25.05.23	DHC/Dasu/WAPDA/GEN/zic/23-535	Inland Navigation System from Diامر Basha Dam to Tarbela Dam	
112.	27.05.23	DHC/Dasu/WAPDA/GEN/myb/23-536	Security Arrangements for Travelling of DHC Expatriates	
113.	27.05.23	DHC/Dasu/WAPDA/GEN/myb/23-537	Security Arrangements for Travelling of DHC Expatriate (Mr.Le Tien Duc)	
114.	26.05.23	DHC/Dasu/WAPDA/GEN/you/23-538	Sharing of Present Employee List Along with Police Clearance Certificate Data of All Pakistani Staff	
115.	26.05.23	DHC/Dasu/WAPDA/GEN/you/23-539	Sharing of Present Employee List Along with Police Clearance Certificate Data of All Pakistani Staff	
116.	26.05.23	DHC/Dasu/WAPDA/GEN/you/23-540	Sharing of Present Employee List Along with Police Clearance Certificate Data of All Pakistani Staff	
117.	25.05.23	DHC/Dasu/WAPDA/GEN/you/23-541	Security Arrangements for Travelling of DHC Expatriate (Mr.Neil White)	
118.	28.05.23	DHC/Dasu/WAPDA/GEN/you/23-542	Security Arrangements for Travelling of CCECC Expatriates	
119.	28.05.23	DHC/Dasu/WAPDA/GEN/you/23-543	Security Arrangements for Travelling of DHC Expatriates as a Special Case (Mr.Takuji Kataoka & Mr Cem Aker)	

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Appendix E [13/20]

Sr. No	Date	Letter No.	Subject	Remarks
120.	28.05.23	DHC/Dasu/WAPDA/GEN/amr/23-544	Digital Copies of Complete Record Pertaining to Social Environment - All Contracts of Dasu HPP	
121.	28.05.23	DHC/Dasu/WAPDA/GEN/amr/23-545	Rectification of Total Amounts Submitted for Compensation Accounts Adjustment	
122.	29.05.23	DHC/Dasu/WAPDA/GEN/you/23-546	Security Arrangements for travelling of CCECC Expatriate	
123.	29.05.23	DHC/Dasu/WAPDA/GEN/you/23-547	Security Arrangements for travelling of CGGC Expatriates	
124.	29.05.23	DHC/Dasu/WAPDA/GEN/you/23-548	Security Arrangements for travelling of CGGC Expatriates	
125.	29.05.23	DHC/Dasu/WAPDA/GEN/you/23-549	Security Arrangements for travelling of PCCC Expatriates	
126.	29.05.23	DHC/Dasu/WAPDA/GEN/you/23-550	Security Arrangements for travelling of GEPC Expatriates	
127.	30.05.23	DHC/Dasu/WAPDA/GEN/you/23-551	Security Arrangement for Travelling of DHC Expatriates	
128.	30.05.23	DHC/Dasu/WAPDA/GEN/you/23-552	Revised-Security Arrangement for Travelling of DHC Expatriates	
129.	30.05.23	DHC/Dasu/WAPDA/GEN/you/23-553	Security Arrangement for Traveling of DHC Expatriate (as a Special Case) (Mr. Mendez & Mr. Carlos)	
130.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-554	Mr. Afreen Cook's Repatriation to DHC Hostel near UBL Dasu Kohistan	
131.	30.05.23	DHC/Dasu/WAPDA/GEN/zic/23-555	Engineer's Screening Report of Barseen for Solid Waste Disposal Site	
132.	31.05.23	DHC/Dasu/WAPDA/GEN/PM/23-556	Delegation of Powers as Engineer Project Manager	
133.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-557	Additional Man Months for Road Safety and Traffic Management Specialist KNP-12	
134.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-558	Sharing of Present Employee List along with Police Clearance Certificate Data of all Pakistani Staff Working under DHPP	
135.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-559	Security arrangement for traveling of DHC Expatriate (Mr. Erkan Bozkurt)	
136.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-560	Security arrangement for traveling of DHC Expatriate (Mr. Nishimiya ,Mr. Kan, Mr. Asayama & Mr. Deepak)	
137.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-561	Security Arrangement for Travelling of CGGC Expatriates	
138.	31.05.23	DHC/Dasu/WAPDA/GEN/you/23-562	Security Arrangement for Travelling of CCECC Expatriates	
Dasu-RAR-01				
Dasu office				
139.	07.05.23	DHC/Dasu/WAPDA/RAR-01/cad/23-047	Deduction of Tax on Cost Claim for Market Inflation in IPC No. 34	
140.	08.05.23	DHC/Dasu/WAPDA/RAR-01/cad/23-048	Interim Payment Certificate No # 36	
141.	10.05.23	DHC/Dasu/WAPDA/RAR-01/hb/23-050	Interim Payment Certificate No. 08 for the Period 1st January 2018 to 30th April 2018	
142.	13.05.23	DHC/Dasu/WAPDA/RAR-01/hb/23-052	Interim Payment Certificate No. 08 for the Period 1st January 2018 to 30th April 2018	
143.	25.05.23	DHC/Dasu/WAPDA/RAR-01/hb/23-059	Clearance of Rockfall Material at Various RDs of RAR-01	
Dasu-RAR-02				
Dasu office				
144.	31.05.23	DHC/Dasu/WAPDA/RAR-02/OKK/23-084	Shifting of GPS Gayal Seer	
Dasu-KKH-01				
145.	05.05.23	DHC/Dasu/WAPDA/KKH-01/Ohs/23-158	Camp Inspection Reports	
146.	06.05.23	DHC/Dasu/WAPDA/KKH-01/cad/23-162	Interim Payment Certificate No# 32	
147.	10.05.23	DHC/Dasu/WAPDA/KKH-01/zic/23-164	Engineer's Reply on CV of Environmental Officer	
148.	19.05.23	DHC/Dasu/WAPDA/KKH-01/you/23-178	Required Security Personnel for New Chinese Camps at Dasu HPP	
149.	22.05.23	DHC/Dasu/WAPDA/KKH-01/OHS/23-181	Recommendation Letter for Explosive Materials Transportation (Form EL-07)	
150.	30.05.23	DHC/Dasu/WAPDA/KKH-01/hh/23-197	Sample Delivery Schedule of Project Material to the 3rd Party Laboratories	
Dasu-KKH-02				
Dasu office				
151.	03.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-109	Updated Design of KKH-01 and KKH-02	
152.	03.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-110	The Contractor's Road Closure Time Schedule Proposal for Existing KKH	
153.	06.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-115	Updated Design of KKH-01 and KKH-02	
154.	09.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-124	Revised Road Closure Time Table proposal for Existing KKH	
155.	09.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-127	Contractor's Request for External Security	
156.	15.05.23	DHC/Dasu/WAPDA/KKH-02/OHS/23-133	Request for Issuance of Recommendation Letter for Renewal of Explosive License No.KPK.SP-883-E	
157.	22.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-142	Provision of Recommendation Letter for Explosives License in Form EL-03	
158.	27.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-150	Proposal of the Contractor to Divert the Transit Traffic from KKH to National Highway N15	
159.	29.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-151	Time Closure Schedule Proposal for Existing KKH	
160.	31.05.23	DHC/Dasu/WAPDA/KKH-02/OKK/23-157	Landowner's Impediment during Site Geological Investigation at Kaigah Bridge	
Dasu-TL-01				
Dasu office				
161.	06.05.23	DHC/Dasu/WAPDA/TL-01/ cad/23-054	Release of Contractor's Advance Payment Guarantee No. LG288021500113	
162.	10.05.23	DHC/Dasu/WAPDA/TL-01/ mrz/23-056	Conductor stolen at T53-T54 in Pattan Area	
163.	11.05.23	DHC/Dasu/WAPDA/TL-01/ you/23-057	Security Guards issue at Grid Station	
164.	14.05.23	DHC/Dasu/WAPDA/TL-01/ cad/23-060	Interim Payment Certificate IPC.NO.68	
165.	17.05.23	DHC/Dasu/WAPDA/TL-01/ cad/23-063	Revised Reply to Audit Observation	
166.	19.05.23	DHC/Dasu/WAPDA/TL-01/ mrz/23-068	Conductor Stolen at T61A to T62A in Pattan Area	
167.	21.05.23	DHC/Dasu/WAPDA/TL-01/ mrz/23-070	Provision of Procurement and Supply Transportation of Transmission Line and Grid Station Material List	
168.	21.05.23	DHC/Dasu/WAPDA/TL-01/ mrz/23-071	Security Guards Issue at Grid Station	
169.	21.05.23	DHC/Dasu/WAPDA/TL-01/ mrz/23-073	Request for Provision of WAPDA Security at Grid Station	
Dasu-MW-01				
Dasu Office				
170.	02.05.23	DHC/Dasu/WAPDA/MW-01/Cad/23-323	Status of the CAR and Third-Party Insurance Policy	
171.	01.05.23	DHC/Dasu/WAPDA/MW-01/Cad/23-326	Detail Incident Investigation Report of Level -4 Fatal Incident Happened at new Uchar Crushing Plant	

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Appendix E [14/20]

Sr. No	Date	Letter No.	Subject	Remarks
172.	06.05.23	DHC/Dasu/WAPDA/MW-01/Cad/23-338	Draft Employer's Position Paper of Dispute Board's Non- Binding Opinion Under GC sub Clause 20.2	
173.	05.05.23	DHC/Dasu/WAPDA/MW-01/Ohs/23-335	Camp Inspection Reports	
174.	05.05.23	DHC/Dasu/WAPDA/MW-01/Ohs/23-336	Final Detailed Incident Investigation Report for Level-4 Fatal Incident Happened at New Uchar Crushing Plant	
175.	05.05.23	DHC/Dasu/WAPDA/MW-01/zic/23-337	Submission of Utilization Record of Coarse and Fine Aggregate for Feb 2023	
176.	11.05.23	DHC/Dasu/WAPDA/MW-01/cad/23-354	Contractor's Claim on KPST- Draft Referral to the Dispute Board under GC Sub-Clause 20.4	
177.	14.05.23	DHC/Dasu/WAPDA/MW-01/JF/23-364	Coordinates of Multi-Cell Culvert at uchar Nullah	
178.	15.05.23	DHC/Dasu/WAPDA/MW-01/JF/23-367	Request for Providing Hydraulic Design Data of Diaper Basha Dam	
179.	18.05.23	DHC/Dasu/WAPDA/MW-01/cad/23-379	Request for Clarification on PESCO Billing Rates for VO-06	
180.	18.05.23	DHC/Dasu/WAPDA/MW-01/zua/23-380	23.05.18-(380)-MW-01-Provision of Pipes in Siglo Area Sub Division Seo	
181.	20.05.23	DHC/Dasu/WAPDA/MW-01/cad/23-385	Enhancement of Security of Expatriates (Armoured Vehicle)	
182.	20.05.23	DHC/Dasu/WAPDA/MW-01/hh/23-386	Sample Delivery Schedule of Project Material to the 3rd Party Laboratories	
183.	22.05.23	DHC/Dasu/WAPDA/MW-01/cad/23-391	Status of the CAR and Third Party Insurance Policy	
184.	22.065	DHC/Dasu/WAPDA/MW-01/JF/23-397	Submission of Technical Note for IPOE Regarding Work Progress and Flow Conditions of River Diversion	
185.	22.065	DHC/Dasu/WAPDA/MW-01/shj/23-407	Interim Payment Certificate No # 38- for the Month of Mar-2023	
186.	27.05.23	DHC/Dasu/WAPDA/MW-01/you/23-4you	Security Lapses at GBHP Hattian Camp District Attock	
1.8 Dasu-MW-02				
Dasu Office				
187.	02.05.23	DHC/Dasu/CGGC&WAPDA/ MW-02/CAD/23-135	Claim No. 1 - Engineer's Principle Response to Disruption Costs	
188.	02.05.23	DHC/Dasu/CGGC&WAPDA/ MW-02/you/23-136	Visa Invitation Letter	
189.	04.05.23	DHC/Dasu/WAPDA/ MW-02/Ohs/23-139	Incident Alert of Level-4 Fatal incident	
190.	11.05.23	DHC/Dasu/WAPDA/ MW-02/cad/23-153	Status of the CAR and Third-Party Insurance Policy	
191.	20.05.23	DHC/Dasu/WAPDA/ MW-02/hh/23-164	Sample Delivery Schedule of Project Material to the 3rd Party Laboratories	
192.	20.05.23	DHC/Dasu/WAPDA/ MW-02/cad/23-165	Enhancement of Security of Expatriates (Armoured Vehicles)	
193.	24.05.23	DHC/Dasu/WAPDA/ MW-02/cad/23-169	Status of the CAR and Third Party Insurance Policy	
194.	25.05.23	DHC/Dasu/WAPDA/ MW-02/shj/23-170	Interim Payment Certificate No # 38- for Mar-2023	
195.	25.05.23	DHC/Dasu/WAPDA/ MW-02/shj/23-171	Justification for Issuance of Interim Payment Certificate No # 38	
1.9 Dasu LBRV-11				
Dasu Office				
196.	11.05.23	DHC/Dasu/WAPDA/LBRV-11/CAD/23-016	Outstanding Advance Payment after Adjusting the Amount of IPC No.13	
197.	17.05.23	DHC/Dasu/WAPDA/LBRV-11/CAD/23-018	The Contractors Management Cost Claim for the Extended Period (EOT-01)	
1.10 Dasu-LBRV-12				
Dasu office				
198.	17.05.23	DHC/Dasu/WAPDA/LBRV-12/CAD/23-010	The Contractors Management Cost Claim for Extended Period (EOT-01)	
199.	17.05.23	DHC/Dasu/WAPDA/LBRV-12/infra/23-011	Water Supply System from Kaigah Nullah to Resettlement Sites Nasirabad 1 and Nasirabad-2	
1.12 Dasu-PCI-01R				
Dasu office				
200.	06.05.23	DHC/Dasu/WAPDA/PCI-01/ CAD/23-134	2 Draft Bidding Documents Procurement Furniture WAPDA Project Office	
201.	10.05.23	DHC/Dasu/WAPDA/PCI-01/ infra/23-139	Request to Confirm Water Source and Supply for Project Colony	
202.	12.05.23	DHC/Dasu/WAPDA/PCI-01/ you/23-142	Shifting of DHC Head Office (Site Office Dasu) and Hostels Accommodation to Dasu Hydropower Project WAPDA Colony, Dasu	
203.	16.05.2	DHC/Dasu/WAPDA/PCI-01/ cad/23-150	Submission of Five (05) Sets of Final Bidding Documents (Rev-03)	
204.	17.05.23	DHC/Dasu/WAPDA/PCI-01/ infra/23-153	Water Supply Uchar Nullah to Resettlement Site Uchar-1	
205.	23.05.23	DHC/Dasu/WAPDA/PCI-01/ infra/23-163	Request to confirm Water Source and Supply for Project Colony	
206.	31.05.23	DHC/Dasu/WAPDA/PCI-01/ infra/23-174	Interim Payment Certificate No. 41	
1.13 Dasu PCI-02				
Dasu office				
207.	05.05.23	DHC/Dasu/WAPDA/PCI-02/cad/23-010	Revised Draft Bidding Documents for PCI-02 (Revision-3)	
208.	24.05.23	DHC/Dasu/WAPDA/PCI-02/mfn/23-011	Comments on Prequalification Evaluation Report	
1.14 Dasu EM-01				
Dasu Office				
209.	03.05.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-121	Interest on Delayed Payment under IPC No. 02	
210.	10.05.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-126	Information and Document requested for Customs Clearance of Shipment No.2	
211.	10.05.23	DHC/Dasu/WAPDA/EM-01/ sn/23-127	Employer's Witness for FAT on Unit 4 Stay Ring	
212.	12.05.23	DHC/WAPDA/EM-01/CAD/ 23-130	Interest on Delayed Payment under IPC No. 02	
213.	15.05.23	DHC/WAPDA/EM-01/ CAD /23-134	Project Managers Analysis of Different Options for Contract Price Adjustment	
214.	17.05.23	DHC/WAPDA/EM-01/CAD /23-136	Inteim Payment Certificate (IPC) N0.05-Reimbursement of Import Duties and Taxes of Shipment No.1	
215.	17.05.23	DHC/WAPDA/EM-01/CAD /23-137	Personal Expenses for Attendance of Employers Personnel at Factory Tests and Factory Training	
216.	17.05.23	DHC/WAPDA/EM-01/CAD /23-138	Material Change Report (MCR) for Turbine Materials	
217.	18.05.23	DHC/WAPDA/EM-01/CAD /23-140	Contractors Proposed Solution Way Forward After Meeting with the Employers Tax Team Regarding Taxes	
218.	25.05.23	DHC/WAPDA/EM-01/mrz /23-145	Logistic of 2d Shipment to Ghazi Barotha	
1.14 Dasu RV				
Dasu Office				
219.	23.05.23	DHC/Dasu/WAPDA/RV/cad/23-038	Interim Payment Certificate No. 15	
1.16 Dasu-LADP				
Dasu Office				
220.	08.05.23	DHC/Dasu/WAPDA/LADP/mfn/23-006	Provision of LADP Working Data Record in Soft form	
1.18 Dasu-RB-14				
221.	18.05.23	DHC/Dasu/WAPDA/RB-14/mfn/23-003	Advisory Note on the Appointment of Adjudicator	

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Appendix E [15/20]

Sr. No	Date	Letter No.	Subject	Remarks
2. To Contractors				
RAR-01				
Dasu Office				
1.	02.05.23	DHC/Dasu/CCECC/RAR-01/cad/23-045	Contractor's Interim Costs Claim (Quantification) for On-site Management Overhead (EOT No. 1 and EOT No. 2)	
2.	04.05.23	DHC/Dasu/CCECC/RAR-01/zic/23-046	Disposal of Spoil Material along River and Nullah Slopes	
3.	08.05.23	DHC/Dasu/CCECC/RAR-01/zic/23-049	Environmental Audit of Contractor's Camp	
4.	12.05.23	DHC/Dasu/CCECC/RAR-01/OHS/23-051	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
5.	17.05.23	DHC/Dasu/CCECC/RAR-01/hb/23-053	Submission of Minutes of KKH-01 & RAR-01 Design Progress Meeting dated 16 May 2023	
6.	17.05.23	DHC/Dasu/CCECC/RAR-01/hb/23-054	Application	
7.	18.05.23	DHC/Dasu/CCECC/RAR-01/hb/23-055	Submission of Minutes of RAR-01 Design Progress Meeting dated 16 May 2023	
8.	19.05.23	DHC/Dasu/CCECC/RAR-01/you/23-056	Verification Data of Pakistani Labours	
9.	23.05.23	DHC/Dasu/CCECC/RAR-01/you/23-057	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
10.	24.05.23	DHC/Dasu/CCECC/RAR-01/amr/23-058	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
11.	28.05.23	DHC/Dasu/CCECC/RAR-01/zic/23-060	Observations from Environmental Audit RAR-01 Camps	
12.	29.05.23	DHC/Dasu/CCECC/RAR-01/nk/23-061	Approval for Water Bound Macadam (Class A)	
RAR-02				
Dasu office				
13.	02.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-059	Site Survey Data and Shop Drawings	
14.	03.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-060	Cable River Crossing at Km 20+590	
15.	03.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-061	Low Progress Rate of the Contractor	
16.	03.05.23	DHC/Dasu/CGGC/RAR-02/cad/23-062	Engineer's Evaluation of Costs for Extension of Bank Guarantees	
17.	04.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-063	Disposal of Spoil Material along River and Nullah Slopes	
18.	06.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-064	Engineer Reply on the Approval of Environmental Officer	
19.	06.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-065	Method Statement for Abutment Construction of Cable Crossing at Kandia	
20.	06.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-066	Access Road Blockage to KM 12+060	
21.	06.05.23	DHC/Dasu/CGGC/RAR-02/OKK/23-067	Establishing a Site Camp at Dogah	
22.	08.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-068	Environmental Audit of Contractor's Camp	
23.	11.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-069	Monthly Environment Report March 2023	
24.	11.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-070	Submission of Spoil Disposal Plan	
25.	11.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-071	Submission of Methodology to Control Dust at Construction Site	
26.	12.05.23	DHC/Dasu/CGGC/RAR-02/OHS/23-072	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
27.	15.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-073	Engineer Reply on the Approval of Environmental Officer	
28.	15.05.23	DHC/Dasu/CGGC/RAR-02/okk/23-074	Additional Access Road Demand of the Contractor	
29.	15.05.23	DHC/Dasu/CGGC/RAR-02/okk/23-075	Access Road Construction Within the Hospital Campus	
30.	18.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-076	Provisional Approval of Environmental Officer	
31.	19.05.23	DHC/Dasu/CGGC/RAR-02/you/23-077	Verification Data of Pakistani Labours	
32.	22.05.23	DHC/Dasu/CGGC/RAR-02/okk/23-078	Traffic Closure Schedule for Existing Kandia Road	
33.	23.05.23	DHC/Dasu/CGGC/RAR-02/you/23-079	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
34.	24.05.23	DHC/Dasu/CGGC/RAR-02/amr/23-080	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
35.	25.05.23	DHC/Dasu/CGGC/RAR-02/zic/23-081	Engineers Instructions Based on Short Environment Audit	
36.	25.05.23	DHC/Dasu/CGGC/RAR-02/cad/23-082	Purchase of Security Enablers for Residential Camps Plazas Worksites	
37.	26.05.23	DHC/Dasu/CGGC/RAR-02/okk/23-083	Cut Slope Criteria for Earthworks	
38.	31.05.23	DHC/Dasu/CGGC/RAR-02/okk/23-085	Typical Drawings of Stone Masonry Retaining Walls	
KKH-01				
Dasu Office				
39.	02.05.23	DHC/Dasu/CCECC/KKH-01/NKHQ/23-154	Engineer's comment on the Constructor's reply for the Detail Design of Uchar bridge, Barseen bridge, Dogah bridge	
40.	04.05.23	DHC/Dasu/CCECC/KKH-01/cad/23-155	Request for Proposal - Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Office	
41.	04.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-156	Disposal of Spoil Material along River and Nullah Slopes	
42.	05.05.23	DHC/Dasu/CCECC/KKH-01/hb/23-157	Response to Notice on Hindrance and Delays by landslides and activities of KKH-02 Contractor at Kaigah	
43.	05.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-159	Engineer Reply on the Approval of Environmental Officer	
44.	06.05.23	DHC/Dasu/CCECC/KKH-01/ohs/23-160	Authorization of Explosive Vehicles	
45.	06.05.23	DHC/Dasu/CCECC/KKH-01/cad/23-161	Contractor's Proposal for Revised Salaries of OHS Staff for KKH-01 VO-005	
46.	08.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-163	Environmental Audit of Contractor's Camp	
47.	10.05.23	DHC/Dasu/CCECC/KKH-01/cad/23-165	Submission of Updated Status of Contractor's All Risk (CAR) Insurance Policy No 2596010092-08-2022	
48.	10.05.23	DHC/Dasu/CCECC/KKH-01/Ohs/23-166	WARNING to the Contractor Line Managers for OHS Complacency	
49.	12.05.23	DHC/Dasu/CCECC/KKH-01/Ohs/23-167	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
50.	15.05.23	DHC/Dasu/CCECC/KKH-01/nk/23-168	Approval of Concrete Chemical Admixture and Sealant Products Manufacturer Approval FOSPAK (Pvt) Ltd Pakistan	
51.	15.05.23	DHC/Dasu/CCECC/KKH-01/CAD/23-169	Request for Proposal Design Supply Installation Testing and Commissioning of Solar Power System	
52.	15.05.23	DHC/Dasu/CCECC/KKH-01/NKHQ/23-170	Meeting Results for Detail Design of Uchar Bridge Barseen Bridge Dogah Bridge	
53.	16.05.23	DHC/Dasu/CCECC/KKH-01/you/23-171	Grievance of Shaal Area Labours Workers of Contractor MS CCECC	
54.	17.05.23	DHC/Dasu/CCECC/KKH-01/hb/23-172	Submission of Minutes of KKH-01 & RAR-01 Design Progress Meeting dated 16 May 2023	
55.	17.05.23	DHC/Dasu/CCECC/KKH-01/hb/23-173	Request for Topographical Survey Data of KKH-01- Existing Site Conditions	

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Appendix E [16/20]

Sr. No	Date	Letter No.	Subject	Remarks
56.	17.05.23	DHC/Dasu/CCECC/KKH-01/bth/23-174	Serious Safety Issue Regarding Dumping of Material on Existing KKH from Dasu-02 (K4) Tunnel outlet	
57.	18.05.23	DHC/Dasu/CCECC/KKH-01/hb/23-175	Submission of Minutes of KKH-01 Design Progress Meeting dated 16 May 2023	
58.	18.05.23	DHC/Dasu/CCECC/KKH-01/hb/23-176	Response to Submission of Shop Drawings of Uchar Bridge Slope Protection Works Pier # and Pier #2	
59.	19.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-177	Oil Management Plan Oil Leaks Spills and Disposal of Used Oils	
60.	19.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-179	Engineers Reply on Cvs of Environmental Officers	
61.	19.05.23	DHC/Dasu/CCECC/KKH-01/you/23-180	Verification Data of Pakistani Labours	
62.	22.05.23	DHC/Dasu/CCECC/KKH-01/cad/23-182	Raising of Uchar Camp Levels and Protection Works	
63.	23.05.23	DHC/Dasu/CCECC/KKH-01/zic/23-183	Approval of Environmental Officer for KKH-01 Contract	
64.	23.05.23	DHC/Dasu/CCECC/KKH-01/you/23-184	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
65.	24.05.23	DHC/Dasu/CCECC/KKH-01/amr/23-185	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
66.	24.05.23	DHC/Dasu/CCECC/KKH-01/OHS/23-186	Request Details of OHS Personnel for all Active Working Sites	
67.	25.05.23	DHC/Dasu/CCECC/KKH-01/NKHQ/23-187	Comments on Design of Uchar Bridge	
68.	25.05.23	DHC/Dasu/CCECC/KKH-01/NKHQ/23-188	Provided Seismic Motion Data for Time History Analysis	
69.	25.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/cad/23-189	Purchase of Security Enablers for Residential Camps Plazas Worksites	
70.	25.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/OHS/23-190	Submission of ITA Gap Analysis for KKH-01 Contract	
71.	25.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/hb/23-191	Submission of Minutes of KKH-01 Design Progress Meeting dated 25 May 2023	
72.	26.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/zic/23-192	Engineers Comments on Environment Services Pakistan (ESPAK) Third Party Environmental Monitoring Report	
73.	28.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/zic/23-193	Approval of Environmental Officer at KKH-01 Contract of CCECC	
74.	28.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/zic/23-194	Observations from Environmental Audit KKH-01 Camps	
75.	28.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/cad/23-195	Request for Proposal - Design, Supply, Installation, Testing & Commissioning of Solar Power System for Project Office and Cat-1 & 2	
76.	29.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/nk/23-196	Approval of K6 Concrete Batching Plant (HZS60) Manufactured by TAIAN YUESHOU Road Building Machinery.	
77.	31.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/zic/23-198	Engineer Comments on Submission of 7th Quarterly Environmental Monitoring Report	
78.	31.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/zic/23-199	Submission of NOCs for Chuchang (K-5) and Kaigah Crusher Plants	
79.	30.05.23	DHC/Dasu/CCECC/KKH-01/KKH-01/ohs/23-200	OHS NCRs Closure	
Dasu-KKH-02				
Dasu Office				
80.	02.05.23	DHC/Dasu/CGGC/KKH-02/PLS/23-108	Soft Copy (Primavera P6 XER File) of Contract Programme	
81.	03.05.23	DHC/Dasu/CGGC/KKH-02/cad/23-111	Engineer's Evaluation of Costs for Extension of Bank Guarantees	
82.	04.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-112	Disposal of Spoil Material along River and Nullah Slopes	
83.	05.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-113	Engineer Reply on the Apply for Approval of Environmental Officers	
84.	06.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-114	Response of the Geological Mappings and Summer Bridge Geological Profile	
85.	06.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-116	Traffic Closure Schedules for Existing KKH	
86.	06.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-117	Request for FC Arrangement at Looter Camp	
87.	06.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-118	Provision of PPE for the Engineer's Staff	
88.	06.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-119	Authorization of Explosive Vehicles	
89.	06.05.23	DHC/Dasu/CGGC/KKH-02/Hog/23-120	Request the Revised Schedule for the Geological Survey of the KKH-02 bridge	
90.	06.05.23	DHC/Dasu/CGGC/KKH-02/Hog/23-121	Response to the Proposal of Alteration Geological Exploration	
91.	06.05.23	DHC/Dasu/CGGC/KKH-02/Hog/23-122	Instruction for the Geophysical Exploration at Tunnel Portal	
92.	08.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-123	Environmental Audit of Contractor's Camp	
93.	09.05.23	DHC/Dasu/CGGC/KKH-02/cad/23-125	Correction of Typo Errors in the Variation No. KKH-02-VO02C	
94.	09.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-126	Reply to the Contractor's Comments for Instruction of KKH-02VO-002	
95.	11.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-128	Excavated Material Spoiled into the Kaigah River	
96.	11.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-129	Damages to the Existing KKH	
97.	12.05.23	DHC/Dasu/CGGC/KKH-02/OHS/23-130	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
98.	12.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-131	Approval of Environmental Specialist	
99.	15.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-132	Engineer Approval of Environment Officer	
100.	16.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-134	Revised Layout of Looter Camp	
101.	16.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-135	Preliminary Design Proposals of Kaigah Looter Shori and Summer Bridge	
102.	17.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-136	Access Road Construction at 40+750	
103.	17.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-137	Records for Impediment During Construction Activities at Various Sites	
104.	17.05.23	DHC/Dasu/CGGC/KKH-02/OHS/23-138	Detail Incident Investigation Report of Level-4 Fatal Incident Happened at K54+180	
105.	18.05.23	DHC/Dasu/CGGC/KKH-02/hog/23-139	The Response to the Contractors Proposal About Laachi Tunnel Inlet	
106.	19.05.23	DHC/Dasu/CGGC/KKH-02/hog/23-140	The Response to the Completion of Drilling at Shori Bridge Zk2	
107.	19.05.23	DHC/Dasu/CGGC/KKH-02/you/23-141	Verification Data of Pakistani Labours	
108.	23.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-143	Revised Layout of Looter Camp	
109.	23.05.23	DHC/Dasu/CGGC/KKH-02/you/23-144	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
110.	24.05.23	DHC/Dasu/CGGC/KKH-02/amr/23-145	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
111.	25.05.23	DHC/Dasu/CGGC/KKH-02/cad/23-146	Purchase of Security Enablers for Residential Camps Plazas Worksites	
112.	25.05.23	DHC/Dasu/CGGC/KKH-02/zic/23-147	Engineers Instructions Based on Short Environment Audit	
113.	25.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-148	Revised Layout of Looter Camp	

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Appendix E [17/20]

Sr. No	Date	Letter No.	Subject	Remarks
114.	27.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-149	Proposal of the Contractor to Divert the Transit Traffic from KKH to National Highway N15	
115.	29.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-152	Renovation of Accommodation for FC at Looter	
116.	29.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-153	Land Survey of the Access Road at Km 40+750	
117.	29.05.23	DHC/Dasu/CGGC/KKH-02/okk/23-154	Preliminary Design Proposal of Shori Bridge	
118.	30.05.23	DHC/Dasu/CGGC/KKH-02/Ohs/23-155	Inspection Report of Looter Explosive Magazine	
119.	31.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-156	Minutes of the Meeting held on May 30, 2023	
120.	31.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-158	Civil Traffic Closure Time Schedule of Existing KKH	
121.	31.05.23	DHC/Dasu/CGGC/KKH-02/OKK/23-159	Proposal for Modification of Inlet and Outlet Location for Summer Tunnel	
Dasu TL-01				
Dasu Office				
122.	03.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-050	Delay in the finishing work of Control House Building at Grid Station	
123.	04.05.23	DHC/Dasu/PCCC/TL-01/cad /23-051	Request for Proposal - Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Office	
124.	05.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-052	Junction of Permanent Access Road and Grid Access Road	
125.	06.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-053	Core Activities of Grid Station and Transmission Line	
126.	08.05.23	DHC/Dasu/PCCC/TL-01/zic /23-055	Environmental Audit of Contractor's Camp	
127.	12.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-058	Slow Progress of Stringing	
128.	12.05.23	DHC/Dasu/PCCC/TL-01/OHS /23-059	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
129.	16.05.23	DHC/Dasu/PCCC/TL-01/OHS /23-061	Engineer Feedback on Questionnaire	
130.	16.05.23	DHC/Dasu/PCCC/TL-01/OHS /23-062	Warning to MS PCCCL Project Manager and Potential Suspension of Work Activities at TL-01	
131.	17.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-064	Slow Progress at Fence Wall and Switch Gear Installation Works at Grid Station	
132.	18.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-065	Contractors Negligence to Follow Safety Norms & Practices	
133.	18.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-066	Absence of Contractors Key Representatives from Site	
134.	19.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-067	Non Availability of Steel Structure and Progress	
135.	20.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-069	Slow Progress of Stringing Work due to Contractors Defective Equipment Machinery	
136.	23.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-072	Comments on Weekly Progress Report.	
137.	23.05.23	DHC/Dasu/PCCC/TL-01/mrz /23-074	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
138.	24.05.23	DHC/Dasu/PCCC/TL-01/amr /23-075	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
139.	25.05.23	DHC/Dasu/PCCC/TL-01/zic /23-076	The Engineers Review Comments on 78th Monthly Environment Health & Safety Report for April 2023	
140.	27.05.23	DHC/Dasu/PCCC/TL-01/ ohs/23-077	Resumption of Work, Tower 205 and 206- TL01 Contract	
141.	30.05.23	DHC/Dasu/PCCC/TL-01/ cad/23-078	Contractor's Interim Management Cost Claim for Social Insurances of Chinese Staff (June 2016- Dec 2019)	
142.	30.05.23	DHC/Dasu/PCCC/TL-01/ mrz/23-079	Shifting of 200kva Transformer and Control Panels of 20MVA Transformers	
143.	31.05.23	DHC/Dasu/PCCC/TL-01/ ohs/23-080	OHS NCRs Closure	
Dasu MW-01				
Dasu Office				
144.	02.05.23	DHC/Dasu/CGGC/MW-01/Cad/23-322	Cover Note for Extension of CAR and Third-Party Insurance Policies	
145.	02.05.23	DHC/Dasu/CGGC/MW-01/Cad/23-324	Handover of Land at Kass	
146.	02.05.23	DHC/Dasu/CGGC/MW-01/JF/23-325	Excavation of Right Bank Diversion Channel at Conjunction Point of Siglo Nullah	
147.	02.05.23	DHC/Dasu/CGGC/MW-01/hh/23-327	Approval of CVC Concrete Mix Design with Low Alkali Cement Natural Pozzolan, and (160-200mm) Slump	
148.	04.05.23	DHC/Dasu/CGGC/MW-01/ohs/23-328	Ensure OHS Provisions before Starting New Uchar Crushing Plant	
149.	04.05.23	DHC/Dasu/CGGC/MW-01/cad/23-329	Request for Proposal - Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Office	
150.	05.05.23	DHC/Dasu/CGGC/MW-01/cad/23-330	MW-01-C-09, Additional Cost due to Change in Legislation Record of Disagreement between the Parties	
151.	04.05.23	DHC/Dasu/CGGC/MW-01/JF/23-331	Instruction to Install Temporary Causeway in Uchar Nullah by Steel Type Bridges	
152.	04.05.23	DHC/Dasu/CGGC/MW-01/JF/23-331	Clarifying Travel Expense during Third-Party Test Process	
153.	05.05.23	DHC/Dasu/CGGC/MW-01/Ohs/23-333	Crush Plant Operator Termination of Services	
154.	05.05.23	DHC/Dasu/CGGC/MW-01/Ohs/23-334	FINAL WARNING - Noncompliance to OHS Contractual Obligation	
155.	06.05.23	DHC/Dasu/CGGC/MW-01/cad/23-339	Non-adjustable Portion of the Contract Price	
156.	06.05.23	DHC/Dasu/CGGC/MW-01/zic/23-340	Failure to Comply with NEQS and Monthly Wastewater Spot Monitoring	
157.	06.05.23	DHC/Dasu/CGGC/MW-01/JF/23-341	Payment of Hire Charges for Helicopter Services	
158.	06.05.23	DHC/Dasu/CGGC/MW-01/cad/23-342	The Available RCC Special Tests at the CMTL Laboratory	
159.	07.05.23	DHC/Dasu/CGGC/MW-01/jf/23-343	Reply to Design Drawing and Calculations of Protective Retaining Wall at the above Inlet of LBDT	
160.	08.05.23	DHC/Dasu/CGGC/MW-01/hh/23-344	Approval of C30 & C40 CVC Mix Designs	
161.	08.05.23	DHC/Dasu/CGGC/MW-01/cad/23-345	Contractor's Exploitation of Kaigah Quarry	
162.	08.05.23	DHC/Dasu/CGGC/MW-01/zic/23-346	Environmental Audit of Contractor's Camp	
163.	09.05.23	DHC/Dasu/CGGC/MW-01/cad/23-347	Stoppage of Work by Contractor's Personnel	
164.	09.05.23	DHC/Dasu/CGGC/MW-01/hur/23-348	Preparation of Helipad at Upstream Starter Dam	
165.	09.05.23	DHC/Dasu/CGGC/MW-01/hur/23-349	Washout of Temporary Road in Uchar Nullah	
166.	09.05.23	DHC/Dasu/CGGC/MW-01&MW-02/you/23-350	Security Lapses at GBHP Hattian Camp District Attock	
167.	10.05.23	DHC/Dasu/CGGC/MW-01/cad/23-351	Cover Note for Extension of CAR and Third-Party Insurance Policies	
168.	10.05.23	DHC/Dasu/CGGC/MW-01/hur/23-352	Minutes of Weekly Meeting 4th April 2023 & 11th April 2023	
169.	10.05.23	DHC/Dasu/CGGC/MW-01/zic/23-353	Environmental Non-Compliance Regarding use of Wood in the Camps	
170.	10.05.23	DHC/Dasu/CGGC/MW-01/AO/23-355	Evacuation Plan for Starter Dam and Cut-off Wall	
171.	10.05.23	DHC/Dasu/CGGC/MW-01/zic/23-356	Construction of Sedimentation Tank for Right Bank Bypass Tunnel at Starter Dam	
172.	10.05.23	DHC/Dasu/CGGC/MW-01/zic/23-357	Comments on Method Statement for the Excavation of RCC Dam	
173.	11.05.23	DHC/Dasu/CGGC/MW-01/zua/23-358	Safety Hazards During Construction Activities	

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Sr. No	Date	Letter No.	Subject	Remarks
174.	12.05.23	DHC/Dasu/CGGC/MW-01/cad/23-359	Travel Expenses during Third Party Test Process	
175.	12.05.23	DHC/Dasu/CGGC/MW-01/OHS/23-360	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
176.	12.05.23	DHC/Dasu/CGGC/MW-01/zic/23-361	Design of Sedimentation Tanks for Uchar Crusher and Batching Plant	
177.	13.05.23	DHC/Dasu/CGGC/MW-01/hh/23-362	Approval Masonry Mortar Mix Design	
178.	13.05.23	DHC/Dasu/CGGC/MW-01/nk/23-363	The Engineer's Report on RCC Mix Design Studies (Rev. 00)	
179.	15.05.23	DHC/Dasu/CGGC/MW-01/JF/23-365	Requirement for Foundation Surface of the Pavement Concrete on LBTDT	
180.	15.05.23	DHC/Dasu/CGGC/MW-01/JF/23-366	Comments on Method Statement of Pavement for Left Bank Traffic Diversion Tunnel	
181.	15.05.23	DHC/Dasu/CGGC/MW-01/AO/23-368	Evacuation Plan for Starter Dam and Cut-Off Wall	
182.	15.05.23	DHC/Dasu/CGGC/MW-01/AO/23-369	Borehole Survey and Permeability Test for Cut-Off Wall 1-1 and 11-1 Slots	
183.	11.05.23	DHC/Dasu/CGGC/MW-01/zua/23-370	Siglo Land Possession for MW-01	
184.	15.05.23	DHC/Dasu/CGGC/MW-01/dn/23-371	Drawing Issue for Construction- Dam Control House Excavation	
185.	16.05.23	DHC/Dasu/CGGC/MW-01/you/23-372	Application from Workers of MS CGGC	
186.	16.05.23	DHC/Dasu/CGGC/MW-01/AO/23-373	Minutes of Weekly Progress Review Meeting Held on 02nd May 2023 & 9th May 2023	
187.	17.05.23	DHC/Dasu/CGGC/MW-01/shf/23-374	Submission of Wrong Duplicate Workforce Data	
188.	17.05.23	DHC/Dasu/CGGC/MW-01/AA/23-375	Method Statement of Consolidation Grouting for Main Dam Foundation	
189.	17.05.23	DHC/Dasu/CGGC/MW-01/cad/23-376	Report on Being Forced to Suspend Construction of Some Parts	
190.	17.05.23	DHC/Dasu/CGGC/MW-01/AA/23-377	Method Statement of Consolidation Grouting for Main Dam Foundation	
191.	17.05.23	DHC/Dasu/CGGC/MW-01/AO/23-378	Slope Protection of CR-5 Road	
192.	18.05.23	DHC/Dasu/CGGC/MW-01/Hur/23-381	Obstruction in #2-Crushing Plant	
193.	19.05.23	DHC/Dasu/CGGC/MW-01/jf/23-382	Reply to Submission of the Proposal for Setting Monitoring Points at Cut-Off Wall	
194.	19.05.23	DHC/Dasu/CGGC/MW-01/dn/23-383	Drawing Issue for Construction- Main Dam Gallery & Tunnel Gallery Access Tunnel	
195.	19.05.23	DHC/Dasu/CGGC/MW-01/you/23-384	Verification Data of Pakistani Labours	
196.	21.05.23	DHC/Dasu/CGGC/MW-01/zic/23-387	Monthly Environment Report-April 2023	
197.	21.05.23	DHC/Dasu/CGGC/MW-01/zic/23-388	Montly Environment Repot- March 2023	
198.	22.05.23	DHC/Dasu/CGGC/MW-01/zic/23-389	Issue of Construction of Sedimentation Tank for Right Bank Bypass Tunnel at Starter Dam	
199.	22.05.23	DHC/Dasu/CGGC/MW-01/jf/23-390	Evacuation Plan for Starter Dam and Cutoff Wall (D2)	
200.	22.05.23	DHC/Dasu/CGGC/MW-01/zua/23-392	DayWork Order for Elevation Mark at Right Side U-S Starter Dam	
201.	22.05.23	DHC/Dasu/CGGC/MW-01/zic/23-393	Experimentation Conducted for Lowering of PH and Sediment Load by Using Aluminum Sulphate at CGGC Laboratory Barseen	
202.	23.05.23	DHC/Dasu/CGGC/MW-01/zic/23-394	Proposed Locations for Third Party Environmental Monitoring by CGGC Contractor for MW-01 & MW-02	
203.	23.05.23	DHC/Dasu/CGGC/MW-01/AO/23-395	Minutes of Weekly Progress Review Meeting held on 16th May 2023	
204.	23.05.23	DHC/Dasu/CGGC/MW-01/you/23-396	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
205.	24.05.23	DHC/Dasu/CGGC/MW-01/cad/23-398	Report on the Obstruction in Kass Area	
206.	24.05.23	DHC/Dasu/CGGC/MW-01/amr/23-399	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
207.	24.05.23	DHC/Dasu/CGGC/MW-01/amr/23-400	Engineers Reply on the Contractors Response to NCR-50	
208.	23.05.23	DHC/Dasu/CGGC/MW-01/infra/23-401	Varied Works of Slope Protection Works for Access Road of Khohe-1 RV sites	
209.	24.05.23	DHC/Dasu/CGGC/MW-01/OHS/23-402	Submission of ITA Gap Analysis for MW-01 Contract	
210.	24.05.23	DHC/Dasu/CGGC/MW-01/SK/23-403	Clarification on the Contractors Proposal for Varied Works for Diversion Gates and Hoists	
211.	23.05.23	DHC/Dasu/CGGC/MW-01/AA/23-404	Engineers Comments on Method Statement of Excavation and Support Works of Rights Bank Bypass Tunnel (D2)	
212.	25.05.23	DHC/Dasu/CGGC/MW-01/zic/23-405	Engineers Instructions Based on Short Environment Audit	
213.	25.05.23	DHC/Dasu/CGGC/MW-01/cad/23-406	Purchase of Security Enablers for Residential Camps Plazas Worksites	
214.	26.05.23	DHC/Dasu/CGGC/MW-01/AA/23-408	Reply for Handover of Land at Kass	
215.	26.05.23	DHC/Dasu/CGGC/MW-01/AA/23-409	Engineer Comments on Method Statement of Excavation and Support Works of Left and Right Bank Cable Crane Platforms (D3)	
216.	26.05.23	DHC/Dasu/CGGC/MW-01/zic/23-410	Comments After Review of third Party Laboratory for Environmental Monitoring ESPAK Profile Submitted by CGGC	
217.	26.05.23	DHC/Dasu/CGGC/MW-01/JF/23-411	Upstream and Downstream Portal Structure of left Bank Traffic Diversion Tunnel	
218.	27.05.23	DHC/Dasu/CGGC/MW-01/you/23-413	Security Lapses at GBHP Hattian Camp District Attock	
219.	27.05.23	DHC/Dasu/CGGC/MW-01/zua/23-414	Submission of Catalogue and Calibration Record for Survey Equipment	
220.	27.05.23	DHC/Dasu/CGGC/MW-01/dn/23-415	Drawing issue for Construction - Traffic Diversion Tunnel	
221.	29.05.23	DHC/Dasu/CGGC/MW-01/cad/23-416	Request for Proposal - Design, Supply, Installation, Testing & Commissioning of Solar Power System for Project Office and Cat-1 & 2	
222.	30.05.23	DHC/Dasu/CGGC/MW-01/AA/23-417	Engineer Comments on Method Statement of Pavement for Left Bank Traffic Diversion Tunnel (D2)	
223.	30.05.23	DHC/Dasu/CGGC/MW-01/AO/23-418	Security-Administrative Concerns at Chinese KASS Camp,	
Dasu MW-02				
Dasu Office				
224.	02.05.23	DHC/Dasu/CGGC/MW-02/hh/23-137	Approval of CVC Concrete Mix Design with Low Alkali Cement, Natural Pozzolan and (160-200mm) Slump.	
225.	02.05.23	DHC/Dasu/CGGC/MW-02/ys/23-138	Minutes of Weekly Progress Review Meeting held on April 11, 2023	
226.	04.05.23	DHC/Dasu/CGGC/MW-02/Ohs/23-140	Authorization of Explosive Vehicles	
227.	05.05.23	DHC/Dasu/CGGC/MW-02/cad/23-141	MW-02-C-07, Additional Cost due to Change in Legislation, Record of Disagreement between the Parties	
228.	05.05.23	DHC/Dasu/CGGC/MW-02/cad/23-142	Clarifying Travel Expense during Third-Party Test Process	
229.	05.05.23	DHC/Dasu/CGGC/MW-02/zic/23-143	Engineer Reply on the Apply for Approval of Environmental Officers	
230.	06.05.23	DHC/Dasu/CGGC/MW-02/zic/23-144	Monthly Wastewater Spot Monitoring and Failure to Comply with NEQS	
231.	06.05.23	DHC/Dasu/CGGC/MW-02/cad/23-145	Non-adjustable Portion of the Contract Price	
232.	06.05.23	DHC/Dasu/CGGC/MW-02/hn/23-146	Slow Progress of MW-02 Works	
233.	08.05.23	DHC/Dasu/CGGC/MW-02/cad/23-147	Interference on Access Road to Switchyard Area	

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Appendix E [19/20]

Sr. No	Date	Letter No.	Subject	Remarks
234.	08.05.23	DHC/Dasu/CGGC/MW-02/hh/23-148	Approval of C30 & C40 CVC Mix Designs	
235.	08.05.23	DHC/Dasu/CGGC/MW-02/zic/23-149	Environmental Audit of Contractor's Camp	
236.	10.05.23	DHC/Dasu/CGGC/MW-02/zic/23-150	Environmental Non-Compliance regarding use of wood in the Camps	
237.	11.05.23	DHC/Dasu/CGGC/MW-02/zic/23-151	The Engineers Comments on MPR March 2023	
238.	11.05.23	DHC/Dasu/CGGC/MW-02/ys/23-152	Minutes of Weekly Progress Review Meeting Held on 2nd May 2023	
239.	12.05.23	DHC/Dasu/CGGC/MW-02/cad/23-154	Travel Expenses during Third Party Test Process	
240.	12.05.23	DHC/Dasu/CGGC/MW-02/OHS/23-155	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
241.	13.05.23	DHC/Dasu/CGGC/MW-02/cad/23-156	Cover Note for Extension of CAR and Third-Party Insurance Policies	
242.	13.05.23	DHC/Dasu/CGGC/MW-02/hh/23-157	Approval Masonry Mortar Mix Design	
243.	15.05.23	DHC/Dasu/CGGC/MW-02/PM/23-158	Notification Regarding Approval of 2nd Interim Extension of Time (EOT-2) for Completion of Works	
244.	15.05.23	DHC/Dasu/CGGC/MW-02/PM/23-159	Cover Note for Extension of CAR and Third Party Insurance Policies	
245.	17.05.23	DHC/Dasu/CGGC/MW-02/cad/23-160	Report on Being Forced to Suspend Construction of Some Parts	
246.	17.05.23	DHC/Dasu/CGGC/MW-02/shf/23-161	Submission of Wrong Duplicate Workforce Data	
247.	18.05.23	DHC/Dasu/CGGC/MW-02/cad/23-162	Interference on Access Road to Switchyard Area	
248.	19.05.23	DHC/Dasu/CGGC/MW-02/you/23-163	Verification Data of Pakistani Labours	
249.	19.05.23	DHC/Dasu/CGGC/MW-02/zic/23-166	Engineers Comments on Environment Report of April 2023	
250.	23.05.23	DHC/Dasu/CGGC/MW-02/you/23-167	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
251.	24.05.23	DHC/Dasu/CGGC/MW-02/amr/23-168	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
252.	25.05.23	DHC/Dasu/CGGC/MW-02/cad/23-172	Purchase of Security Enablers for Residential Camps Plazas Worksites	
253.	25.05.23	DHC/Dasu/CGGC/MW-02/zic/23-173	Engineers Instructions Based on Short Environment Audit	
254.	25.05.23	DHC/Dasu/CGGC/MW-02/OHS/23-174	Submission of ITA Gap Analysis for MW-02 Contract	
255.	27.05.23	DHC/Dasu/CGGC/MW-02/YS/23-175	Breaking of Cables of Extensometers during Shifting of Steel Platform in Transformer Cavern	
256.	30.05.23	DHC/Dasu/CGGC/MW-02/YS/23-176	Minutes of Weekly Progress Review Meetings	
Dasu-LBRV-11				
Dasu Office				
257.	13.05.23	DHC/Dasu/ZEGL/LBRV-11/CAD/23-017	Engineer's Assessment on the Contractor's Price Adjustment Claim	
258.	23.05.23	DHC/Dasu/ZEGL/LBRV-11/CAD/23-019	Price Adjustment Claim under LBRV-11	
259.	23.05.23	DHC/Dasu/ZEGL/LBRV-11/you/23-020	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
260.	27.05.23	DHC/Dasu/ZEGL/LBRV-11/cad/23-021	Contractor's Prolongation/Management Cost Claim on Account of EOT-01	
261.	31.05.23	DHC/Dasu/ZEGL/LBRV-11/infra/23-022	Construction of Mosque at RV Site Khoshe-2	
Dasu LBRV-12				
Dasu office				
262.	15.05.23	DHC/Dasu/ZEGL/LBRV-12/CAD/23-009	Instructions to Complete Outstanding Work at Handed Over Resettlement Sites of LBRV-11&12	
263.	23.05.23	DHC/Dasu/ZEGL/LBRV-12/you/23-012	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
Dasu-PCI-01R				
Dasu Office				
264.	02.05.23	DHC/Dasu/CGICOP/PCI-01R/Infra/23-126	Varied Works of Emergency Exit Doors at Office Building	
265.	02.05.23	DHC/Dasu/CGICOP/PCI-01R/Infra/23-127	Cancellation of Multiple Varied Works in Project Colony	
266.	04.05.23	DHC/Dasu/CGICOP/PCI-01R/mrz/23-128	Approval of DB's Manufacturer Drawings & Components detail of Residence Cat-3, Residence Cat-4 and Community Center	
267.	04.05.23	DHC/Dasu/CGICOP/PCI-01R/cad/23-129	Contractor's Notice of Intention to Claim No. PCI-01 R/C-10	
268.	05.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-130	Reply to Submission of Cost Approval for Supply and Installation of CCTV Cameras at Project Colony	
269.	06.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-131	Notice for Delay in issuance of Rain Water Drainage System of the Hostel	
270.	06.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-132	Work Stoppage of Uchar Water Supply	
271.	06.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-133	Progress Review Minutes held Dated 3rd May 2023	
272.	08.05.23	DHC/Dasu/CGICOP/PCI-01R/zic/23-136	Environmental Audit of Contractor's Camp	
273.	09.05.23	DHC/Dasu/CGICOP/PCI-01R/mrz/23-137	Reply to Submission of Cost Approval for Supply and Installation CCTV Camera	
274.	09.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-138	Reply on Notice for Delay in Issuance of Revised Layout of S9 Road in Front of the Residence Category - 4B	
275.	10.05.23	DHC/Dasu/CGICOP/PCI-01R/mrz/23-140	Security Lights Drawing and Revised Service Cable Layout Drawing for Security Post	
276.	10.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-141	Approval of Color Cards for Selection of Paint from Nippon Paint Manufacturer	
277.	13.05.23	DHC/Dasu/CGICOP/PCI-01R/mrz/23-143	Installation of PVC conduits on crossing of roads Streets and Residences ramp	
278.	12.05.23	DHC/Dasu/CGICOP/PCI-01R/OHS/23-144	-Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
279.	12.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-145	Delay in Construction of Security Office and Telephone Exchange Buildings	
280.	12.05.23	DHC/Dasu/CGICOP/PCI-01R/cad/23-146	Extension of Insurance for Works and Contractor's Equipment, Insurance	
281.	13.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-147	Required Target Dates to Complete the Colony Works	
282.	13.05.23	DHC/Dasu/CGICOP/PCI-01R/mrz/23-148	Request for Cables Manufacturer Approval of MS Tech Cable for the WAPDA Project Colony	
283.	16.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-149	Response to Notice of Delay in Issuance of Change in Design of the Hostel Category-2 Buildings	
284.	17.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-151	Progress Review Minutes Held dated 13th May 2023	
285.	17.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-152	Construction of Security Watch Tower No.3	
286.	17.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-154	VO-020-GI Ladder for Access to the Roof for Phase-B Area Buildings	
287.	17.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-155	VO-021-Mild Steel Security Grill for Project Office Along Colony Main Road	
288.	18.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-156	Approval of Color Cards for Selection of Paint from Nippon Paint for Hostel Category-2 Exterior and Interior	

**Dasu Hydropower Project
Monthly Progress Report No. 106 (May 2023)**

Appendix E [20/20]

Sr. No	Date	Letter No.	Subject	Remarks
289.	18.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-157	Floor Patterns for Community Center Building at Project Colony	
290.	19.05.23	DHC/Dasu/CGICOP/PCI-01R/you/23-158	Verification Data of Pakistani Labours	
291.	22.05.23	DHC/Dasu/CGICOP/PCI-01R/Infra/23-159	Response to Notice for Delay in Issuance of Floor Pattern Detail Drawing of the Community Center Building	
292.	22.05.23	DHC/Dasu/CGICOP/PCI-01R/Infra/23-160	Response to Notice for Delay in Issuance of Clarification of Boundary Wall Design Part 2 and Right of Access to Site	
293.	23.05.23	DHC/Dasu/CGICOP/PCI-01R/you/23-161	Meeting at DC Office for Evolving Mechanism on Security Verification and Labour Hiring by Chinese Companies	
294.	24.05.23	DHC/Dasu/CGICOP/PCI-01R/amr/23-162	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
295.	25.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-164	Reply to Request for Approval of Ceramic Tiles Manufacturers MS Time Ceramics and MS oreel Ceramic for Phase-B Buildings	
296.	25.05.23	DHC/Dasu/CGICOP/PCI-01R/cad/23-165	Purchase of Security Enablers for Residential Camps Plazas Worksites	
297.	25.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-166	Reply to Addition of HDPE Overhead Water Tanks at Mumty Floor of the WAPDA Project Office Building	
298.	26.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-167	Commencement of the Works	
299.	27.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-168	Progress Review Minutes held Dated 23rd May 2023	
300.	29.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-169	Reply To Notice for Taking over of Project Office, Residence Category-1 Buildings	
301.	29.05.23	DHC/Dasu/CGICOP/PCI-01R/cad/23-170	Extension of Insurance Policies Required under the Contract	
302.	29.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-171	Approval of Reinforcement Steel Manufacturer SHEIKHOO Steel	
303.	30.05.23	DHC/Dasu/CGICOP/PCI-01R/ohs/23-172	Warning to PM - Failure to Hire Paramedic at the Project Colony	
304.	30.05.23	DHC/Dasu/CGICOP/PCI-01R/infra/23-173	Approval of Ms Newtech Pipe Manufacturer	
Dasu RV				
Dasu Office				
305.	04.05.23	DHC/Dasu/KGL/RV/infra/23-034	Approval of Generator Set (20kva) for Colony Pumping Sewage	
306.	08.05.23	DHC/Dasu/KGL/RV/infra/23-035	VO-008- Varied Works of Water Transmission for RV Sites Khoshe- 1&2	
307.	11.05.23	DHC/Dasu/KGL/RV/cad/23-036	Withheld Amount Due to Non-Submission of Program	
308.	16.05.23	DHC/Dasu/KGL/RV/infra/23-037	Varied Works for Construction of Mosque at RV Site Khoshe-2 Link-1	
EM-01				
Dasu Office				
309.	04.05.23	DHC/Dasu/GEPC/EM-01/ CAD/23-122	Interest on Delayed Payment under IPC No. 02	
310.	04.05.23	DHC/Dasu/GEPC/EM-01/ CAD/23-123	Request for Proposal - Design, Supply, Installation, Testing and Commissioning of Solar Power System for Project Office	
311.	05.05.23	DHC/Dasu/GEPC/EM-01/ CAD/23-124	Claim No. EM-01-C-05 - RoW (Right of Way) Issue at EM-01 Site Camp	
312.	08.05.23	DHC/Dasu/GEPC/EM-01/ zic/23-125	Environmental Audit of Contractor's Camp	
313.	10.05.23	DHC/Dasu/GEPC/EM-01/ cad/23-128	Request for Consent to Subcontract Cooling Water Pumps	
314.	12.05.23	DHC/Dasu/GEPC/EM-01/ cad/23-129	Contractor's Request for Meeting with the Employer's Tax Team Regarding Outstanding Taxes (WHT and ST)	
315.	12.05.23	DHC/Dasu/GEPC/EM-01/ sn/23-131	Request for Consent to Subcontract Heat Exchangers	
316.	12.05.23	DHC/Dasu/GEPC/EM-01/ OHS/23-132	Submission of Remaining Payment of ISO 45001 Lead Auditor Training Course	
317.	12.05.23	DHC/Dasu/GEPC/EM-01/ OHS/23-133	Information and Document requested for Customs Clearance of Shipment No.2	
318.	16.05.23	DHC/Dasu/GEPC/EM-01/ YS/23-135	Construction Drawing of Office Buildings 2.12.22.32.5	
319.	17.05.23	DHC/Dasu/GEPC/EM-01/ YS/23-139	Construction Drawings of Buildings	
320.	18.05.23	DHC/Dasu/GEPC/EM-01/ cad/23-141	Clarification No.01	
321.	18.05.23	DHC/Dasu/GEPC/EM-01/ cad/23-142	Construction Drawings of Buildings	
322.	19.05.23	DHC/Dasu/GEPC/EM-01/ cad/23-143	Addition of MS DSV Air And Sea Pakistan (SMC-PVT) Limited (MS DSV in PSW Portal of WAPDA as Clearing Agent	
323.	19.05.23	DHC/Dasu/GEPC/EM-01/ ys/23-144	Construction Drawings of External Plumbing Water Supply and Storm Drain at Contractors Camp	
324.	24.05.23	DHC/Dasu/GEPC/EM-01/ amr/23-146	Schedule of Awareness Workshop of Foreign Staff In Migrants on Cultural and Religious Conduct	
325.	24.05.23	DHC/Dasu/GEPC/EM-01/ mrz/23-147	Dasu U3 Shaft Seal Inspection Notification No.2	
326.	27.05.23	DHC/Dasu/GEPC/EM-01/ ys/23-148	Construction Drawings of Buildings no. 4.4, 4.5, 4.7, 4.8, Diesel Tank & Generator Location	
327.	28.05.23	DHC/Dasu/GEPC/EM-01/cad/23-149	Request for Proposal - Design, Supply, Installation, Testing & Commissioning of Solar Power System for Project Office and Cat-1 & 2	
328.	31.05.23	DHC/Dasu/GEPC/EM-01/cad/23-150	Interest on Delayed Payment under IPC No. 02	

APPENDIX F

Detail of Interim Payment Certificates

Appendix F: Details of Interim Payment Certificates

Updated till May 25, 2023

Details of Interim Payment Certificates of MW-01 – Contractor CGGC						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	21-Apr-17	1 (Adv. Pay)	25-Apr-17	5,556,438,372	56,988,569.00	16-May-17
2	22-Jun-18	2	11-Jul-18	129,457,263	1,384,020.74	17-Aug-18
3	03-Jan-19	3	09-Jan-19	88,936,900	997,133.73	17-Aug-18
4	09-Jun-19	4	04-Jul-19	76,716,800	732,093.22	28-Feb-19
5	25-Jul-19	5	18-Aug-19	145,629,996	1,363,149.96	04-Aug-19
6	26-Sep-19	6	23-Oct-19	248,905,635	2,214,513.54	19-Sep-19
7	10-Dec-19	7	06-Jan-20	629,914,484	5,895,127.76	21-Nov-19
8	10-Feb-20	8	27-Feb-20	206,824,646	1,757,372.29	04-Feb-20
9	06-Apr-20	9	04-May-20	365,752,539	3,245,285.91	06-Apr-20
10	13-Jun-20	10	11-Jul-20	382,303,496	2,880,146.95	01-Jun-20
11	05-Aug-20	11	02-Sep-20	252,654,881	2,252,835.97	08-Aug-20
12	16-Sep-20	12	09-Oct-20	458,055,284	3,898,125.46	30-Sep-20
13	12-Nov-20	13	10-Dec-20	521,447,309	4,746,372.92	11-Nov-20
14	16-Dec-20	14	12-Jan-21	109,355,876	1,157,321.96	07-Jan-21
15	18-Jan-21	15	12-Feb-21	158,129,043	1,570,752.84	10-Feb-21
16	23-Feb-21	16	19-Mar-21	336,954,470	2,658,901.26	15-Mar-21
17	16-Apr-21	17	04-May-21	407,082,473	8,331,836.66	20-Apr-21
18	20-May-21	18	14-Jun-21	762,466,613	6,311,057.52	11-Jun-21
19	21-Jun-21	19	14-Jul-21	425,023,542	4,493,780.63	15-Jul-21
20	26-Jul-21	20	19-Aug-21	226,133,481	2,044,283.79	16-Aug-21
21	25-Aug-21	21	20-Sep-21	480,881,765	4,269,721.44	20-Sep-21
22	29-Sep-21	22	25-Oct-21	4,185,117	39,112.22	24-Oct-21
23	21-Nov-21	23	20/12/2021	821,193,512	9,251,540.73	24-Nov-21
24	26-Dec-21	24	07-Feb-22	679,713,623	6,015,133.50	16-Jan-22
25	29-Jan-22	25	28-Feb-22	321,933,884	2,945,172.60	20-Feb-22
26	02-Mar-22	26	28-Mar-22	131,974,383	1,251,829.96	26-Mar-22
27	28-Mar-22	27	24-Apr-22	159,376,817	1,607,294.43	27-Apr-22
28	16-Apr-22	28	18-May-22	362,635,724	2,112,719.95	23-May-22
29	21-Jun-22	29	22-Jul-22	192,432,354	1,429,597.79	11-Jun-22
30	20-Jul-22	30	18-Aug-22	208,902,264	1,700,738.92	16-Aug-22
31	22-Aug-22	31	20-Sep-22	309,574,151	1,793,501.06	14-Sep-22
32	18-Oct-22	32	18-Nov-22	330,721,543	2,483,232.94	17-Oct-22
33	06-Dec-22	33	03-Jan-23	827,977,759	5,014,543.37	13-Dec-22
34	10-Jan-23	34	17-Feb-23	498,342,988	3,957,279.76	31-Jan-23
35	30-Jan-23	35	27-Feb-23	303,694,619	1,612,716.51	07-Mar-23
36	28-Feb-23	36	26-Mar-23	720,703,554	4,057,040.96	27-Mar-23
37	30-Mar-23	37	27-Apr-23	522,713,966	3,119,848.39	25-Apr-23
38	28-Apr-23	38	25-May-23	731,358,989	3,623,290.50	25-May-23
38	28-Apr-23	38	25-May-23	731,358,989	3,623,290.50	23-Jun-23

**Total Amount in LC & FC (1USD = 104.3 PKR)
(LC 50:FC 50) 19,096,500,115 171,206,997**

Total Amount Certified including LC & FC (Rs.) 36,953,389,916.70

Accepted Contract Amount 115,003,461,240

Disbursement Progress with respect to ACA 32.13%

Details of Interim Payment Certificates of MW-02 – Contractor CGGC						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	21-Apr-17	1 (Adv. Pay)	25-Apr-17	3,326,067,613	29,880,873.00	16-May-17
2	22-Jun-18	2	11-Jul-18	83,298,629	870,162.03	17-Aug-18
3	03-Jan-19	3	09-Jan-19	74,858,417	766,176.22	17-Aug-18
4	09-Jun-19	4	02-Jul-19	71,107,206	626,942.03	28-Feb-19
5	25-Jul-19	5	18-Aug-19	4,908,345	33,396.51	04-Aug-19
6	02-Oct-19	6	19-Oct-19	77,803,163	676,690.06	19-Sep-19
7	03-Dec-19	7	31-Dec-19	380,055,185	3,487,658.38	27-Nov-19
8	31-Jan-20	8	22-Feb-20	116,606,355	943,411.40	28-Jan-20
9	06-May-20	9	19-May-20	169,704,055	1,210,335.38	27-Mar-20
10	22-Jun-20	10	22-Jul-20	81,144,101	392,991.96	01-Jul-20
11	05-Aug-20	11	02-Sep-20	94,947,361	765,644.82	17-Aug-20
12	16-Sep-20	12	09-Oct-20	155,265,987	1,065,922.39	30-Sep-20
13	12-Nov-20	13	10-Dec-20	76,094,960	641,343.79	11-Nov-20
14	16-Dec-20	14	12-Jan-21	91,489,465	788,644.78	07-Jan-21
15	18-Jan-21	15	12-Feb-21	2,196,767	151,795.03	10-Feb-21
16	23-Feb-21	16	19-Mar-21	95,214,311	336,914.48	15-Mar-21
16	23-Feb-21	16	19-Mar-21	95,214,311	336,914.48	20-Apr-21

**Dasu Hydropower Project
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Appendix F [2/6]

17	16-Apr-21	17	04-May-21	151,300,083	2,746,114.01	11-Jun-21
18	20-May-21	18	14-Jun-21	155,713,668	968,699.57	15-Jul-21
19	21-Jun-21	19	14-Jul-21	84,507,053	146,301.84	16-Aug-21
20	26-Jul-21	20	19-Aug-21	52,249,037	172,562.45	20-Sep-21
21	25-Aug-21	21	20-Sep-21	24,216,703	160,409.05	20-Oct-21
22	29-Sep-21	22	25-Oct-21	13,306,835	36,044.08	24-Nov-21
23	21-Nov-21	23	15-Dec-21	10,566,080	70,038.21	16-Jan-22
24	26-Dec-21	23	04-Feb-22	13,396,896	98,850.24	20-Feb-22
25	29-Jan-22	25	28-Feb-22	29,493,180	244,726.79	26-Mar-22
26	02-Mar-22	26	28-Mar-22	9,702,893	60,887.68	27-Apr-22
27	28-Mar-22	27	24-Apr-22	23,355,008	151,238.21	23-May-22
28	16-Apr-22	28	18-May-22	65,408,374	223,236.05	11-Jun-22
29	21-Jun-22	29	23-Jul-22	65,521,384	407,878.71	16-Aug-22
30	20-Jul-22	30	20-Aug-22	61,174,019	159,575.39	14-Sep-22
31	23-Aug-22	31	24-Sep-22	75,988,914	178,590.68	18-Oct-22
32	18-Oct-22	32	19-Nov-22	157,320,766	973,034.70	13-Dec-22
33	06-Dec-22	33	05-Jan-23	286,277,691	1,587,756.94	31-Jan-23
34	10-Jan-23	34	16-Feb-23	265,028,755	1,407,099.70	07-Mar-23
35	30-Jan-23	35	27-Feb-23	159,720,241	961,190.51	27-Mar-23
36	28-Feb-23	36	25-Mar-23	46,006,884	242,298.57	25-Apr-23
37	30-Mar-23	37	27-Apr-23	43,045,671	235,059.73	25-May-23
38	28-Apr-23	38	25-May-23	23,656,472	98,794.35	23-Jun-23

**Total Amount in LC & FC (1USD = 104.3 PKR)
(LC 50:FC 50)** 6,717,718,527 53,969,289.72

Total Amount Certified including LC & FC (Rs.) 12,346,715,444.80

Accepted Contract Amount **64,426,426,087**

Disbursement Progress with respect to ACA **19.16%**

Details of Interim Payment Certificates of EM-01 – Contractor GE-PC JV						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	17-Dec-19	1 (Adv. Pay)	20-Dec-19		24,398,400.00	24-Jan-20
2	21-Oct-21	1	01-Nov-21		921,600.00	20-Dec-21
3	17-Feb-22	(Adv. Pay)	25-Mar-22	480,570,192		
4	12-Oct-22	2	20-Oct-22		785,822.21	11-Dec-22
5	17-Jan-23	3	02-Feb-23		150,133	18-Mar-23

Total Amount in LC & FC 480,570,192 26,255,955

Accepted Contract Amount 25,471,001,920 243,984,000

Disbursement Progress with respect to ACA **2%** **11%**

Total Contract Amount (Rs.) **52,455,632,320**

Details of Interim Payment Certificates of PCI-01R – Contractor CGCIOP						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	26-Dec-18	1 (Adv. Pay)	28-Dec-18	726,119,001	2,405,315	16-Jan-19
2	17-Oct-19	2	12-Nov-19	33,567,386	136,295.80	12-Dec-19
3	17-Nov-19	3	12-Dec-19	34,931,356	141,834.03	12-Jan-20
4	14-Feb-20	4	06-Mar-20	35,072,900	142,409.00	10-Apr-20
5	09-Mar-20	5	04-Apr-20	42,945,219	108,612.40	04-May-20
6	24-Apr-20	6	14-May-20	34,543,747	90,408.73	19-Jun-20
7	18-Jun-20	7	28-Jun-20	16,566,772	70,069.45	13-Aug-20
8	02-Jul-20	8	23-Jul-20	32,357,756	95,828.25	27-Aug-20
9	13-Jul-20	9	10-Aug-20	41,345,304	142,436.39	07-Sep-20
10	11-Aug-20	10	25-Aug-20	57,969,212	206,748.57	06-Oct-20
11	09-Sep-20	11	27-Sep-20	46,442,969	176,916.64	04-Nov-20
12	06-Oct-20	12	29-Oct-20	59,435,690	189,186.18	01-Dec-20
13	08-Nov-20	13	01-Dec-20	67,698,771	225,993.44	03-Jan-21
14	09-Dec-20	14	05-Jan-21	36,818,282	126,664.14	03-Feb-21
15	09-Jan-21	15	04-Feb-21	49,773,681	174,006.62	06-Mar-21
16	11-Feb-21	16	10-Mar-21	45,051,858	157,276.41	08-Apr-21
17	11-Mar-21	17	06-Apr-21	28,554,500	94,947.49	06-May-21
18	10-Apr-21	18	05-May-21	48,159,728	162,023.48	05-Jun-21
19	08-May-21	19	05-Jun-21	43,238,709	146,047.14	03-Jul-21
20	10-Jun-21	20	08-Jul-21	42,484,291	146,845.49	05-Aug-21
21	11-Jul-21	21	09-Aug-21	48,422,532	158,859.84	05-Sep-21
22	09-Aug-21	22	05-Sep-21	48,268,339	153,050.04	04-Oct-21
23	07-Sep-21	23	04-Oct-21	32,788,090	109,182.33	02-Nov-21
24	12-Oct-21	24	07-Nov-21	40,545,279	126,723.09	07-Dec-21
25	13-Nov-21	25	23-Nov-21	31,906,308	104,477.57	08-Jan-22
26	14-Dec-21	26	24-Dec-21	26,915,937	91,526.69	08-Feb-22
27	21-Jan-22	26	14-Feb-22	30,908,137	100,942.68	18-Mar-22
28	07-Apr-22	28	08-Apr-22	22,262,030	73,117.80	02-Jun-22

**Dasu Hydropower Project
Monthly Progress Report No. 106 (May 2023)**

Appendix F [3/6]

29	07-Apr-22	29	17-Apr-22	20,347,880	63,750.71	02-Jun-22
30	18-Apr-22	30	15-May-22	13,216,994	42,850.56	13-Jun-22
31	09-Jun-22	31	01-Jul-22	24,908,565	80,913.11	04-Aug-22
32	05-Jul-22	32	01-Aug-22	67,779,223	119,945.64	30-Aug-22
33	07-Aug-22	33	04-Sep-22	11,559,525	30,562.99	02-Oct-22
34	07-Sep-22	34	26-Sep-22	27,079,138	62,745.59	02-Nov-22
35	06-Oct-22	35	31-Oct-22	17,155,374	42,162.34	01-Dec-22
36	06-Nov-22	36	02-Dec-22	33,342,424	84,877.98	01-Jan-23
37	06-Dec-22	37	21-Dec-22	30,464,152	100,428.59	31-Jan-23
38	17-Dec-22	38	05-Jan-23	99,858,860	257,957.49	11-Feb-23
39	08-Mar-23	39	04-Apr-23	76,854,572	149,745.99	03-May-23
40	08-Apr-23	40	07-May-23	59,533,477	102,175.53	03-Jun-23
41	11-May-23	41	31-May-23	73,284,895	133,098.13	06-Jul-23

Total Amount in LC & FC (1USD = 105.55 PKR) (LC 70: FC 30) 2,360,478,863 7,328,959

Total Amount Certified including LC & FC (Rs.) 3,134,050,521

Accepted Contract Amount **4,900,000,009**

Disbursement Progress with respect to ACA **63.96%**

Details of Interim Payment Certificates of KKH-01 – Contractor CCECC

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	07-Apr-15	1 (Adv. Pay)	10-Apr-15	2,176,756,967	7,257,158.00	01-May-15
2	25-Oct-16	2	05-Nov-16	116,085,061	384,408.90	20-Dec-16
3	20-Mar-17	3	21-Mar-17	115,271,179	384,306.16	15-May-17
4	07-Oct-17	4	09-Oct-17	163,673,731	537,714.66	02-Dec-17
5	02-Jan-18	5	15-Jan-18	140,213,172	467,461.04	27-Feb-18
6	29-Apr-18	6	16-May-18	112,700,084	375,734.32	24-Jun-18
7	13-Jun-18	7	09-Jul-18	137,477,799	294,116.50	08-Aug-18
8	18-Aug-18	8	12-Sep-18	83,900,536	248,588.91	13-Oct-18
9	20-Oct-18	9	07-Nov-18	115,514,185	327,895.98	15-Dec-18
10	22-Dec-18	10	02-Jan-19	54,277,538	153,159.67	16-Feb-19
11	29-Jan-19	11	13-Feb-19	117,014,088	295,608.67	26-Mar-19
12	28-Apr-19	12	13-May-19	83,570,086	218,018.53	23-Jun-19
13	01-Jul-19	13	12-Jul-19	111,832,242	262,033.71	26-Aug-19
14	26-Aug-19	14	13-Sep-19	186,836,976	487,212.82	21-Oct-19
15	24-Nov-19	15	22-Dec-19	60,357,019	167,948.08	19-Jan-20
16	17-Feb-20	16	13-Mar-20	80,325,069	188,092.50	13-Apr-20
17	31-Mar-20	17	28-Apr-20	103,054,752		26-May-20
18	03-Jul-20	18	27-Jul-20	117,062,441	299,271.45	28-Aug-20
19	03-Oct-20	19	30-Oct-20	541,814,894	244,433.16	28-Nov-20
20	10-Nov-20	20	07-Dec-20	126,355,008	161,772.28	05-Jan-21
21	04-Mar-21	21	02-Apr-21	89,700,027	217,810.42	29-Apr-21
22	30-Apr-21	22	30-May-21	218,335,017	131,214.31	25-Jun-21
23	17-Jul-21	23	14-Aug-21	123,748,647	1,564.06	11-Sep-21
24	19-Oct-21	24	16-Nov-21	148,233,396		14-Dec-21
25	22-Feb-22	25	21-Mar-22	46,553,333	388,294.83	19-Apr-22
26	19-Jun-22	27	21-Jun-22	3,351,431,289	11,173,440.91	10-Jul-22
27	19-Jul-22	26	12-Aug-22	22,894,416	2,136,987.46	13-Sep-22
28	03-Nov-22	28	28-Nov-22	413,135,000	235,653.58	29-Dec-22
29	30-Dec-22	29	26-Jan-23	213,387,157	447,396.19	24-Feb-23
30	14-Feb-23	30	10-Mar-23	279,376,648	410,568.76	11-Apr-23
31	13-Mar-23	31	08-Apr-23	389,201,838.00	808,885	08-May-23
32	08-Apr-23	32	06-May-23	275,145,086.00	517,886	03-Jun-23

Total Amount in LC & FC (1USD=100.73PKR) (LC74.86:FC25.14) 10,315,234,681 29,224,636

Total Amount Certified including LC & FC (Rs.) 13,259,032,302

Accepted Contract Amount **14,538,852,307**

Disbursement Progress with respect to ACA **91.20%**

Details of Interim Payment Certificates of KKH-02 – Contractor CGGC

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	20-May-17	1 (Adv. Pay)	22-May-17	2,146,910,052	10,590,008	12-Jun-17
2	05-Oct-22	2	23-Oct-22	37,624,777	145,122	30-Nov-22
3	06-Dec-22	3	27-Dec-22	159,914,610	603,728	31-Jan-23
4	01-Jan-23	4	23-Jan-23	117,089,970	420,422	26-Feb-23
5	16-Feb-23	5	10-Mar-23	86,233,091	336,953	13-Apr-23
6	02-Apr-23	6	17-Apr-23	124,424,706	471,778	28-May-23

Total Amount in LC & FC (1USD = 104.445 PKR) (LC 60:FC 40) 2,672,197,206 12,568,011

Total Amount Certified including LC & FC (Rs.) 3,984,863,148.32

Accepted Contract Amount **16,264,917,100**

Disbursement Progress with respect to ACA **24.50%**

Details of Interim Payment Certificates of RAR-01 – Contractor CCECC						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	07-Apr-15	1 (Adv. Pay)	10-Apr-15	379,956,163	1,616,583.00	01-May-15
2	08-Sep-16	2	28-Sep-16	30,718,272	127,214.05	03-Nov-16
3	24-Nov-16	3	28-Nov-16	33,046,440	140,751.14	19-Jan-17
4	17-Mar-17	4	18-Mar-17	25,337,809	107,803.64	12-May-17
5	31-May-17	5	06-Jun-17	19,217,560	75,637.40	26-Jul-17
6	29-Sep-17	6	22-Oct-17	15,836,928	67,380.67	24-Nov-17
7	18-Jan-18	7	22-Jan-18	29,111,263	119,640.59	15-Mar-18
8	25-May-18	8	07-Jun-18	29,282,076	124,585.00	20-Jul-18
9	19-Oct-18	9	06-Nov-18	27,200,193	115,728.00	14-Dec-18
10	22-Feb-19	10	27-Feb-19	18,068,304	76,874.00	19-Apr-19
11	13-May-19	11	30-May-19	18,051,845	76,804.00	08-Jul-19
12	12-Jul-19	12	02-Aug-19	15,616,281	66,441.90	06-Sep-19
13	29-Sep-19	13	23-Oct-19	14,343,099	61,024.94	24-Nov-19
14	25-Jan-20	14	22-Feb-20	15,400,368	65,523.26	21-Mar-20
15	04-Apr-20	15	01-May-20	22,964,734	87,258.28	30-May-20
16	25-May-20	16	22-Jun-20	37,010,549	157,467.13	20-Jul-20
17	01-Jul-20	17	25-Jul-20	22,836,053	97,159.54	26-Aug-20
18	30-Jul-20	18	27-Aug-20	33,569,813	86,410.44	24-Sep-20
19	09-Sep-20	19	03-Oct-20	36,443,023	155,052.49	04-Nov-20
20	24-Oct-20	20	20-Nov-20	82,520,944	351,098.18	19-Dec-20
21	04-Dec-20	21	31-Dec-20	44,545,575	189,526.09	29-Jan-21
22	29-Dec-20	22	25-Jan-21	47,609,910	202,563.76	23-Feb-21
23	03-Mar-21	23	31-Mar-21	13,481,331	57,358.41	28-Apr-21
24	23-Apr-21	24	19-May-21	28,305,821	100,414.10	18-Jun-21
25	08-Jun-21	25	06-Jul-21	35,431,501	148,527.77	03-Aug-21
26	10-Aug-21	26	05-Sep-21	17,707,706	75,340.18	05-Oct-21
27	15-Oct-21	27	07-Nov-21	17,127,417	72,871.15	10-Dec-21
28	24-Dec-21	28	08-Jan-22	25,132,074	106,928.19	18-Feb-22
29	14-Feb-22	29	07-Mar-22	59,115,357	294,753.05	11-Apr-22
30	04-Apr-22	30	21-Apr-22	58,643,597	249,508.29	30-May-22
31	21-Jun-22	31	05-Jul-22	29,871,706	124,079.66	16-Aug-22
32	04-Aug-22	32	09-Aug-22	51,238,120	207,000.99	29-Sep-22
33	06-Oct-22	33	25-Oct-22	20,063,157	85,361.70	01-Dec-22
34	23-Jan-23	34	01-Apr-23	275,168,491	181,613.07	20-Apr-23
35	30-Jan-23	35	09-Feb-23	32,451,979	138,072.09	27-Mar-23
36	11-Apr-23	36	08-May-23	22,417,931	95,380.58	06-Jun-23

**Total Amount in LC & FC (1USD=100.73PKR)
(LC70:FC30)** 1,684,843,390 6,105,737

Total Amount Certified including LC & FC (Rs.) 2,299,874,251

Accepted Contract Amount **2,713,972,595**

Disbursement Progress with respect to ACA **84.74%**

Details of Interim Payment Certificates of RAR-02 – Contractor CGGC						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	20-Mar-17	1 (Adv. Pay)	31-Mar-17	833,528,863	3,993,993	21-Apr-17
2	08-Mar-22	2	04-Apr-22	12,351,687	58,456.46	25-Apr-22
3	12-Jan-23	3	11-Feb-23	88,509,251	387,133.92	15-Mar-23

**Total Amount in LC & FC (1USD = 104.445 PKR)
(LC 60: FC 40)** 934,389,801 4,439,583

Total Amount Certified including LC & FC (Rs.) 1,398,082,087.12

Accepted Contract Amount **6,253,407,194**

Disbursement Progress with respect to ACA **22.36%**

Details of Interim Payment Certificates of TL-01 – Contractor PCCC						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	10-Jul-15	Adv. Payment	28-Jul-15	286,980,047	403,585.00	24-Aug-15
2	16-Mar-16	2016/Rev-01	21-Mar-16	4,652,449		30-Apr-16
3	16-Mar-16	2016/02	21-Mar-16	2,604,724		30-Apr-16
4	11-Jul-16	2016/03	14-Jul-16	347,684		25-Aug-16
5	11-Jul-16	2016/04	14-Jul-16	10,191,948		25-Aug-16
6	25-Jul-16	2016/05	27-Jul-16	8,537,775		08-Sep-16
7	30-Mar-17	2017/01	10-Apr-17	7,286,730		14-May-17
8	30-Mar-17	2017/02	10-Apr-17	20,617,251		14-May-17
9	02-May-17	2017/03	10-May-17	1,029,370		16-Jun-17
10	20-Jun-17	2017/04	07-Jul-17	15,467,707		04-Aug-17
11	17-Jul-17	2017/05	19-Jul-17	2,926,056		31-Aug-17
12	27-Jul-17	2017/06	19-Aug-17	386,316		10-Sep-17

**Dasu Hydropower Project
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13	08-Aug-17	2017/07	19-Aug-17	768,750		22-Sep-17
14	06-Nov-17	2017/08	09-Nov-17	16,581,527	164,877.75	21-Dec-17
15	03-Jan-18	2017/09	04-Jan-18	79,952,447	24,499.74	17-Feb-18
16	03-Feb-18	2018/01	07-Feb-18	8,312,535		20-Mar-18
17	04-Apr-18	2018/02	06-Apr-18	32,121,568		19-May-18
18	07-May-18	2018/03	08-May-18	11,485,439	32,729.72	21-Jun-18
19	15-Aug-18	2018/04	16-Aug-18	6,252,657		29-Sep-18
20	12-Sep-18	2018/05	25-Sep-18	15,914,034		27-Oct-18
21	23-Oct-18	2018/06	24-Oct-18	16,345,769		07-Dec-18
22	01-Nov-18	2018/07	07-Nov-18	24,631,750		16-Dec-18
23	04-Dec-18	2018/08	08-Dec-18	7,376,449	4,675.67	18-Jan-19
24	08-Jan-19	2018/09	09-Jan-19	44,412,888		22-Feb-19
25	18-Feb-19	2019/01	21-Feb-19	19,061,264		04-Apr-19
26	06-Apr-19	2019/02	06-Apr-19	20,399,754	6,172.99	21-May-19
27	04-May-19	2019/03	06-May-19	9,149,766		18-Jun-19
28	15-Jun-19	2019/04	21-Jun-19	7,950,672		30-Jul-19
29	22-Jul-19	2019/05	25-Jul-19	8,566,498		05-Sep-19
30	02-Sep-19	2019/06	11-Sep-19	14,717,898		17-Oct-19
31	10-Oct-19	2019/07	16-Oct-19	10,560,040		24-Nov-19
32	08-Nov-19	2019/08	12-Nov-19	21,865,545		23-Dec-19
33	21-Nov-19	2019/09	27-Nov-19	14,948,404		05-Jan-20
34	13-Dec-19	2019/10	17-Dec-19	9,763,128		27-Jan-20
35	13-Jan-20	35	16-Jan-20	6,289,821		27-Feb-20
36	05-Feb-20	36	15-Feb-20	8,269,057		21-Mar-20
37	08-Mar-20	37	11-Mar-20	16,622,182		22-Apr-20
38	12-Apr-20	38	17-Apr-20	14,685,515		27-May-20
39	06-May-20	39	11-May-20	8,674,392		20-Jun-20
40	20-Jun-20	40	29-Jun-20	11,492,085		04-Aug-20
41	14-Jul-20	41	16-Jul-20	17,479,360		28-Aug-20
42	28-Aug-20	42	28-Aug-20	15,535,731	641,006.25	12-Oct-20
43	12-Sep-20	43	16-Sep-20	22,738,054		27-Oct-20
44	29-Oct-20	44	03-Nov-20	18,357,848		13-Dec-20
45	13-Nov-20	45	18-Nov-20	79,002,100		28-Dec-20
46	22-Dec-20	46	28-Dec-20	18,101,938	12,934.08	05-Feb-21
47	22-Jan-21	47	27-Jan-21	28,895,993		08-Mar-21
48	26-Feb-21	48	26-Feb-21	18,046,595		12-Apr-21
49	22-Mar-21	49	27-Mar-21	12,177,261		06-May-21
50	11-Apr-21	50	15-Apr-21	105,933,373		26-May-21
51	15-Apr-21	51	24-Apr-21	8,659,218		30-May-21
52	18-Jun-21	52	26-Jun-21	22,498,685		02-Aug-21
53	06-Jul-21	53	08-Jul-21	22,274,250		20-Aug-21
54	24-Aug-21	54	02-Sep-21	6,968,066		08-Oct-21
55	24-Sep-21	55	01-Oct-21	5,436,112		08-Nov-21
56	06-Dec-21	56	15-Dec-21	14,485,408		20-Jan-22
57	18-Jan-22	57	27-Jan-22	8,255,319	17,028.08	04-Mar-22
58	08-Feb-22	58	11-Feb-22	119,768,095		25-Mar-22
59	23-Mar-22	59	24-Mar-22	27,388,195		07-May-22
60	22-May-22	60	27-May-22	8,921,704		08-Jul-22
61	06-Jul-22	61	22-Jul-22	9,959,510		20-Aug-22
62	26-Jul-22	62	01-Aug-22	19,934,095		09-Sep-22
63	26-Sep-22	63	07-Oct-22	15,673,379		10-Nov-22
64	02-Nov-22	64	16-Nov-22	7,380,082		17-Dec-22
65	17-Dec-22	65	11-Jan-23	10,140,134		31-Jan-23
66	02-Jan-23	66	17-Jan-23	6,452,224		16-Feb-23
67	28-Mar-23	67	11-Apr-23	7,531,974		12-May-23
68	05-May-23	68	14-May-23	15,962,583		19-Jun-23
Total Amount in LC & FC				<u>1,215,177,130</u>	<u>1,307,509</u>	
Accepted Contract Amount				Rs 1,583,325,237	\$ 2,017,927	
Disbursement Progress with respect to ACA				77%	65%	
Total Contract Amount (Rs.)				1,785,117,937		

Details of Interim Payment Certificates of RV(Re-bid) – Contractor KGL

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	12-Jul-19	1 (Adv. Pay)	17-Jul-19	130,963,036		07-Aug-19
2	09-Mar-20	2	25-Mar-20	19,802,834		22-Apr-20
3	09-May-20	3	20-May-20	9,411,827		17-Jun-20
4	15-Aug-20	4	24-Aug-20	24,116,398		21-Sep-20
5	10-Oct-20	5	26-Oct-20	15,274,462		23-Nov-20
6	10-Dec-20	6	20-Dec-20	19,475,809		17-Jan-21
7	01-Feb-21	7	25-Feb-21	14,543,732		25-Mar-21

**Dasu Hydropower Project
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8	02-Apr-21	8	16-Apr-21	13,480,239		14-May-21
9	04-Jul-21	9	24-Jul-21	6,466,245		21-Aug-21
10	22-Nov-21	10	25-Nov-21	5,016,366		23-Dec-21
11	01-Apr-22	11	15-Apr-22	6,534,788		13-May-22
12	22-Aug-22	12	15-Sep-22	11,770,977		13-Oct-22
13	30-Dec-22	13	21-Jan-23	17,618,681		18-Feb-23
14	26-Mar-23	14	12-Apr-23	40,913,207		10-May-23
15	16-May-23	15	23-May-23	29,245,121		20-Jun-23

Total Amount in LC 364,633,722
Total Amount Certified (Rs.) 364,633,722.00
Accepted Contract Amount **654,815,181**
Disbursement Progress with respect to ACA **55.68%**

Details of Interim Payment Certificates of LBRV-11 – Contractor M/s Zongmei						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	23-Jun-17	1 (Adv. Pay)	04-Jul-17	83,204,565	1,343,848	25-Jul-17
2	02-Jul-19	2	27-Jul-19	10,967,224	244,073.58	27-Aug-19
2	18-Oct-19	3	18-Oct-19	5,704,559	126,953.95	13-Dec-19
4	01-Feb-20	4	10-Feb-20	7,097,482	157,953.19	28-Mar-20
5	30-Apr-20	5	12-May-20	8,413,484	187,240.57	25-Jun-20
6	20-Sep-20	6	06-Oct-20	14,612,501	315,475.78	15-Nov-20
7	29-Dec-20	7	23-Jan-21	6,767,978	150,620.15	23-Feb-21
8	06-May-21	8	03-Jun-21	8,090,729	127,265.24	01-Jul-21
9	24-Nov-21	9	20-Dec-21	29,671,210	101,302.52	19-Jan-22
10	31-Dec-21	10	24-Jan-22	59,080,621	172,441.90	25-Feb-22
11	13-Apr-22	11	27-Apr-22	58,760,674	94,065.32	08-Jun-22
12	18-Sep-22	12	10-Oct-22	8,191,493	85,705.12	13-Nov-22
13	04-Apr-23	13	12-Apr-23	3,516,127	85,277.14	30-May-23

Total Amount in LC & FC (1USD = 104.8462 PKR)
(LC 30:FC 70) 304,078,647 3,098,157
Total Amount Certified including LC & FC (Rs.) 628,908,650.13
Accepted Contract Amount **1,120,509,415**
Disbursement Progress with respect to ACA **56.13%**

Details of Interim Payment Certificates of LBRV-12 – Contractor M/s Zongmei						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	23-Jun-17	1 (Adv. Pay)	04-Jul-17	75,233,228	1,222,084	25-Jul-17
2	05-Feb-20	2	18-Feb-20	5,697,404	126,794.70	01-Apr-20
3	05-Jun-20	3	15-Jun-20	6,263,338	139,389.45	31-Jul-20
4	09-Nov-20	4	01-Dec-20	5,732,406	127,573.68	04-Jan-21
5	03-Dec-20	5	29-Dec-20	7,530,157	167,582.29	28-Jan-21
6	05-Jul-21	6	24-Jul-21	8,933,670	198,817.22	30-Aug-21
7	25-Dec-21	7	08-Jan-22	7,712,692	171,644.56	19-Feb-22
8	28-Mar-22	8	23-Apr-22	36,548,959	150,462.38	23-May-22
9	30-May-22	9	26-Jun-22	28,572,688	61,502.53	25-Jul-22
10	01-Oct-22	10	27-Oct-22	46,629,121	124,209.29	26-Nov-22

Total Amount in LC & FC (1USD = 104.8462 PKR)
(LC 30:FC 70) 228,853,663 2,490,060
Total Amount Certified including LC & FC (Rs.) 489,927,002.26
Accepted Contract Amount **1,016,820,466**
Disbursement Progress with respect to ACA **48.18%**

Details of Interim Payment Certificates of RBRV-11 – Contractor M/s CR17B						
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		
				Local Currency	Foreign Currency	Due Date
1	28-Sep-17	1 (Adv. Pay)	02-Oct-17	54,937,530	182,814	23-Oct-17

Total Amount in LC & FC (1USD = 105.3 PKR)
(LC 70:FC 30) 54,937,530 182,814
Total Amount Certified including LC & FC (Rs.) 74,187,844.20
Accepted Contract Amount **370,939,497**
Disbursement Progress with respect to ACA **20.00%**

APPENDIX G

Details of Claims/Notifications

Appendix G: Details of Claims/Notifications

Sr. No.	Claim Register No. & Claim Title	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
			Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
Details of Claims/Notifications of KKH-01 – Contractor CCECC							
1	KKH-01/C-1/C-4 Unification of C-1 and C-4 Disruption and Delay in Site Possession	Contractor submitted nos. of Interim submissions. First interim submission was made on 18/06/17.	728,709,218		-		The Engineer's replied dated 20/07/2017 . Principle of claim was approved. Contractor's substantiation for Additional cost awaited. Contractor provides expense record in interim submissions without establishing cause-effect link.
		On 14/10/18, Contractor submitted his claim for running cost of Dasu office - [Mar 2017 to Aug 2018]	7,836,150		-		The Engineer asked the Contractor to provide justification for the subject claim. Awaiting Contractor's substantiation.
		On 13/08/18, Contractor submitted Cost Claim - Extension of Workman Insurance	6,236,907		5,597,225		The Engineer recommended Interim entitlements- dated 13-Oct-2018 . The Employer agreed to include the Claim Cost 5,330,690 excluding the 'Profit' in IPC. (dated Employer's letter 24-03-2020) Claim Paid.
		On 08/04/19, Contractor submitted Cost Claim - Extension of CAR Insurances	62,860,388		58,410,095		Employer accorded approval on 23/10/20 to pay 55,628,662 PKR, as per actual receipts.
		On 18/05/19, Contractor submitted Cost Claim - Extending the Advance Payment and Performance Guarantees	2,337,028	319,282	913,470	259,661	The Employer was requested to verify the supporting doc of the claim - dated 1-Jun-2019 . The Initial assessment of the claim was sent to both parties for their agreement. (dated 23-Dec-2019). Awaiting the Employer's Response
		On 18/08/19, Contractor submitted Claim for 2nd extension of Workmen Compensation (WC) policy with effect from 1st August 2019 to 31 July 2020	4,820,243		4,265,702		Actual reimbursement for 2nd extension of WC Insurance policy may be agreed - [21-April-2020]. On 27-April-2020, Contractor's agreement subject to few condition was conveyed to Employer. Employer shared MSC comments. Engineer replied on 4-Oct-2020. Employer replied to process it after 3rd EOT approval.
		23-02-2022, Contractor's Cost claim regarding extension of Insurances and Guarantees	156,432,253	510,140	130,918,270	481,256	<i>the Engineer issued his assessment/determination on 25-04-2022</i>
2	KKH-01/C-5 Force Majeure-Heavy Rainfall and Land sliding	On 11/04/2016 the Contractor notified claim for extension of time and additional cost due to heavy rain caused land sliding and blockage of KKH					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 28-04-2016 (Ref:16-043)</i> Contractor's substantiation awaited
3	KKH-01/C-6 Interference of Local	On 09/05/2016 the Contractor notified claim for extension of time and additional cost due to Stoppage of works by Interference of Locals at Uchar					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 11/05/2016 (Ref: 16-051)</i> Contractor's substantiation awaited
4	KKH-01/C-7 Delayed Drawings	On 19/05/16 Contractor notified claim for extension of time and additional cost Incurred by Delayed Cross Section Drawings					<i>The Engineer asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 23-05-2016 (Ref:16-060)</i> Contractor's substantiation awaited
5	KKH-01/C-8 Cost of Damage to Loader	On 20/06/16, Contractor submitted his Cost details of the lost loader	9,010,118		-		<i>The principle of the Contractor's claim is disapproved. DHC letter - dated 9-Aug-2017.(Ref:028) Claim Disapproved</i>
6	KKH-01/C-9 Uchar Slope Collapse	On 05/06/2016 the Contractor modified claim for extension of time and additional cost due to Huge Slope Collapse at Uchar.					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 20-07-2016 (Ref:16-086)</i> Contractor's substantiation awaited
7	KKH-01/C-10 Stone Slide EOT	On 14/07/2016 the Contractor modified claim for extension of time and additional cost due to Huge Stone Slide at Barseen					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars via DHC letter dated 04/08/2016 (Ref:16-100)</i> Contractor's substantiation awaited
8	KKH-01/C-11 Dumping at Barseen EOT	On 02/09/2016 the Contractor modified claim for extension of time and additional cost due to difficulty in Dumping at Barseen Spoil Bank					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 05-09-2016 (Ref:16-109)</i> Contractor's substantiation awaited

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9	KKH-01/C-12 Development of Crack near Barseen EOT	On 31/08/16, Contractor notified claim for Time and Cost Incurred by stoppage of work due to development of 40m Crack					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 19-09-2016 (Ref:113). Contractor's substantiation awaited.</i>
10	KKH-01/C-13 Revised Drawings issuance and Cancellation	On 27/12/16, Contractor notified claim for Time and Cost Incurred due to Delay in Construction, Revised Design and instruction					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 10-01-2017 (Ref:010). Contractor's substantiation awaited.</i>
11	KKH-01/C-14 Reducing of R.O. W, increase in gradient of slopes and change in alignment	On 08/01/18, Contractor notified claim due to the certain design changes owing to reducing the R.O.W, and change of alignment of works					The Engineer asked the contractor to submit full and detailed particulars <i>DHC letter - dated 10-01-2018 (Ref:007). Contractor's substantiation awaited</i>
12	KKH-01/C-15 Delays in provision of the NOC required for crushing plant	On 25/01/18, Contractor notified claim due to Employer's lack of assistance and delays in obtaining NOC's required for Crushing Plant.					The Engineer asked the contractor to submit full and detailed particulars <i>DHC letter - dated 29-01-2018(Ref:031). Contractor's substantiation awaited</i>
13	KKH-01/C-16 Vandalization of Contractor's Generator	On 06/08/18, Contractor notified Claim for Generator used for dust control at Shaal Area was found vandalized.					The Contractor was advised to submit contemporary records in support of your claim. <i>DHC letter - dated 09-Aug-2018 (Ref:138). Contractor's substantiation awaited</i>
14	KKH-01/C-17 Claims on account of reduction in rate of work	On 03/09/18, Contractor notified Claim on account of non-payment of IPC No. 7.					The Contractor advised to clarify the extent to which he intends to reduce rate of progress. <i>DHC letter - dated 6-Sep-2018. Contractor's substantiation awaited</i>
15	KKH-01/C-18 Delayed Drawings or Instructions	On 16/05/19, Contractor notified claim for Stoppage of works at K5+743 and Issuance of revised drawings from K6+500 to K8+500 under the same GC Sub clause i.e. 1.9					<i>DHC letter - dated 20-May-2019 (Ref:152)</i> <i>Contractor's substantiation awaited</i>
16	KKH-01/C-19 Force Majeure-strike by 80 Members Dam Committee	On 08/10/19, Contractor notified Force Majeure that was instigated by the protest of the 80-Member Dam Committee. Works' stoppage period [18 Sep 19 to 4 Oct 19]					<i>DHC letter - dated 12-Oct-2019 (Ref:349)</i> <i>Contractor's substantiation awaited</i>
17	KKH-01/C-20 Interference due to other Employer's Contractor	On 05/12/19, Contractor notified - Delays due to interference from Employer's other Contractor pursuant to Sub-Clauses 2.3, 4.6, 20.1, & 8.4.					<i>DHC letter - dated 14-Dec-2019 (Ref:414)</i> <i>Contractor's substantiation awaited</i>
18	KKH-01/C-21 Claim due to outbreak of -Corina Virus (2019-nCoV)	On 16/03/20, Contractor notified claim for Site progress delay caused by inconvenient material mobilization (Steel), purchasing and other impacting due to 2019-nCov under GC 19.4, 3.1, 13.7					<i>DHC letter - dated 8-April-2019 (Ref:077) and 24-July-2020 (Ref:167)</i> <i>Contractor's substantiation awaited</i>
19	KKH-01/C-22 Claim due to due to Shortage of Fuel	On 13/06/20, Contractor notified Intention to claim extension of time and additional cost due to shortage of fuel under Sub Clause 8.4 and Sub-Clause 19.4 of General Condition of Contracts.					<i>DHC letter - dated 29-June-2020 (Ref:145)</i> <i>Contractor's substantiation awaited</i>
20	KKH-01/C-23 Demobilization of Labour belongs to Gilgit	On 28/03/21, the Contractor notified claim due to Demobilization of Labour belongs to Gilgit					<i>DHC letter - dated 1-Apr-2021 (Ref:063)</i> <i>Contractor's substantiation awaited</i>
21	KKH-01/C-24B Stoppage of work by dismissed employees and locals.	On 8/07/21, the Contractor notified claim due to stoppage of work by dismissed employees and locals.					<i>DHC letter - dated 24-Aug-2021 (Ref:147)</i> <i>Contractor's substantiation awaited</i>
22	KKH-01/C-24A IED Blast Incident	On 2/08/21, the Contractor notified claim due to stoppage of work due to IED Blast Incident					<i>DHC letter - dated 13-Aug-2021 (Ref:144)</i> <i>Contractor's substantiation awaited</i>
23	KKH-01/C-25 Increase in PST	On 17/12/21, the Contractor notified claim for additional cost due to change in legislation in KPK PST rate from 1% to 2%.					<i>DHC letter - dated 27-December-2021 (Ref:193)</i> <i>Contractor's substantiation awaited</i>
25	KKH-01/C-26 Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah	On 13/08/2022, the Contractor notified its intention to claim for Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah					<i>DHC letter - dated 31-August-2022 (Ref:134)</i> <i>Contractor's substantiation awaited</i>
	KKH-01/C-26A - April 2023	On 19/04/2023, the Contractor notified its intention to claim for Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah					<i>DHC letter - dated 26-April-2023</i> <i>Contractor's substantiation awaited</i>

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26	KKH-01/C-27 Closure of KKH due to Flash Floods	On 28/08/2022, and 30/08/2022 the Contractor notified its intention to claim for additional cost and time due to closure of Karakoram Highway because of Flash Floods						DHC letter - dated 01-September-2022 (Ref:135) Contractor's substantiation awaited
27	KKH-01/C28 Heavy snow and rainfall	On 11-02-2023, the Contractor submitted the notice of claim for additional cost and time due to heavy snow and rainfall.						The Engineer registered the claim on 17/02/2023
28	KKH-01-C-29 Increase in sales tax from 17% to 18%	On 25-02-2023 the Contractor submitted the notice to claim for additional cost due to the increase in sales tax from 17% to 18%.						The Engineer registered the claim on 2/03/2023
29	KKH-01/C30 Imposition of New Super Tax 4C - April-2023	On 14-03-2023 the Contractor submitted the notice to claim for additional cost due to the Imposition of New Super Tax 4C.						The Engineer registered the claim on 18/04/2023
Details of Claims/Notifications of RAR-01 – Contractor CCECC								
1	RAR-01/C1-C4 Unification of C-1 and C-4 Disruption and Delay in Site Possession		104,304,865					The Engineer's replied dated 20/07/2017. Principle of claim was approved. Contractor's substantiation for Additional cost awaited. Contractor provides expense record in interim submissions without establishing cause-effect link.
		On 13/01/19 Contractor submitted Price adjustment claim for period of Sep 2016 to Sep 2018	15,527,857					The Engineer forwarded his recommendation to the Employer on 20-3-2019. The WAPDA agreed in principle, however on basis of actual additional cost instead of using Formulae. The Engineer asked the Contractor to submit detail claim EOT wise (19/12/19). Contractor's substantiation awaited
		The Contractor on 7-09-2022 and 14-10-2022 submitted the Inflation Claim for Section of Works K0 to K12.	366,166,698	399,480	275,168,491	181,613		The Engineer made his determination on 27-Oct-2022 via DHC letter DHC/DASU/WAPDA.RAR-01/PM/22-098 Claim Paid via IPC 34 (GM/PD/DHPP/Contract/RAR-01/23/4052-54 DATED 10-05-23)
		On 04/08/18 Contractor submitted claim for Reimbursement of Premium- Extension of Workman Insurance	2,873,330		2,578,930			The Engineer recommended Interim entitlements - dated 13-Oct-2018. The Employer agreed to include the Claim Cost 2,455,838 excludes the 'Profit,' in IPC. (dated Employer's letter 25-03-2020) Claim Paid.
		On 08/04/19 Contractor submitted claim for 2nd Extension of Workman's Insurance	2,851,616		2,649,721			Engineer's assessment shared with both parties on 28/05/19. The Contractor partially agreed. The Employer has accorded formal approval as per insurer verified receipts i.e., Rs 2,523,554/- [DHC Ref: 115 dated 14-July-2020]. Claim Paid.
		On 09/08/20 Contractor submitted claim for Extension of Workers Compensation (WC) Insurance Policy from 9th March 2020 to 8th March 2021	2,190,993					Engineer will proceed Sub-Clause 3.5 [Determinations], after the 4th EOT is accorded by the Employer and/or the Engineer completes its assessment on EOT. [31-Aug-2020].
		On 08/04/19 Contractor submitted claim for Extension of All Risk Insurance Works, Equipment and Third party liability	12,132,400		11,273,469			Engineer's assessment shared with both parties on 28/05/19. The Contractor partially agreed. The Employer has accorded the formal approval as per the insurer verified receipts i.e., Rs 10,736,637 - [DHC Ref: 115 dated 14-July-2020]. Claim Paid.
		On 18/05/19 Contractor submitted Claim - Extending the Advance Payment Guarantee and Performance Guarantee	4,683,011	70,888.15	2,348,945.00	60,581.25		The Employer was requested to verify the supporting doc of the claim. DHC letter - dated 1-Jun-2019 (Ref: 161). The additional contemporary record was provided by Contractor at end of August 2019. The Engineer shared his assessment with both parties on 29-Nov-2019. Awaiting the Employer's Response. [Contractor]
		23-02-2022, Contractor's Cost claim regarding extension of Insurances and Guarantees	26,305,766	60,212.00	22,238,918.00	56,039.24		the Engineer issued his assessment/determination on 12-04-2022
		On 18th Sep 2022 and 18th Oct 2022, Contractor submitted the claim for additional management cost for delayed period.	253,941,282		165,844,406			1. The Engineer provided his determination on 29th Dec 2022. 2. The Engineer changed the status from "determination" to "assessment" on 30th March 2023. 3. The Engineer replied to the queries raised by CCC WAPDA and GM

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							<p>C&M WAPDA regarding Engineer's Assessment of Contractor's Interim Cost Claim (Quantification) for On-Site Management overhead cost during the Extended Time (EOT No. 1 & EOT No. 2) on 11th April 2023.</p> <p>4. The Engineer replied to the Employer's Comment regarding Engineer's Assessment of Contractor's Interim Cost Claim (Quantification) for On-Site Management overhead cost during the Extended Time (EOT No. 1 & EOT No. 2) on 19th April 2023.</p>
2	RAR-01/C-05 Force Majeure-Heavy Rainfall and Land sliding	On 11/04/2016 the Contractor notified claim for extension of time and additional cost due to heavy rainfall and land sliding (Force Majeure)					<p>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 28-04-2016 (Ref:16-029) Contractor's substantiation awaited</p>
3	RAR-01/C-6 Delayed Drawings EOT	On 19/05/16 Contractor notified claim for Time and Additional Cost Incurred by Delayed Cross Section Drawings					<p>The Engineer asked the contractor to submit full and detailed particulars according to 1.9 "Delayed Drawings or Instructions" & 20.1 "Contractor's Claim". DHC letter - dated: 24-05-2016 Contractor's substantiation awaited</p>
4	RAR-01/C-7 Stoppage of works by local people	On 9/10/2016 the Contractor notified claim for extension of time and additional cost due to stoppage of work at construction of retaining wall by local people					<p>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 17-10-2016 (Ref:16-080) Contractor's substantiation awaited</p>
5	RAR-01/C-8 Stoppage of work by local resident	On 31/07/2017 the Contractor notified claim for the extension of time and additional cost due to stoppage of compaction by local resident					<p>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 03-08-2017 (Ref:17-017) Contractor's substantiation awaited</p>
6	RAR-01/C-09 Force majeure linked to massive land sliding at K6.	On 07/03/19 Contractor notified claim for Extension and Additional Cost due to stoppage of works - Force majeure linked to massive land sliding at K6.					<p>The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. DHC letter - dated: 08-03-2019 (Ref:042) Contractor's substantiation awaited</p>
7	RAR-01/C-10 Force Majeure - Heavy Rain	On 22/08/19 & 27/08/19 Contractor notified claim for Extension and Additional Cost due to Force Majeure-Heavy Rainfall					<p>The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. DHC letter - dated: 4-9-2019 (Ref:168) Contractor's substantiation awaited</p>
8	RAR-01/C-11 Force Majeure-strike by 80 Members Dam Committee	On 08/10/19 Contractor notified claim for Force Majeure that was instigated by the protest of the 80-Member Dam Committee. Works' stoppage period [18 Sep 19 to 4 Oct 19]					<p>DHC letter - dated 12-Oct-2019 (Ref:202) Contractor's substantiation awaited</p>
9	RAR-01/C-12 Claim due to outbreak of -Corina Virus (2019-nCoV)	On 15/07/2020 Contractor notified claim for Site progress delay caused by inconvenient material mobilization (Steel), purchasing and other impacting due to 2019-nCov under GC 19.4, 3.1, 13.7					<p>DHC letter dated 24-July-2020 (Ref:124) Contractor's substantiation awaited</p>
10	RAR-01/C-13 Claim due to due to Shortage of Fuel	On 13/06/20 Contractor notified claim for intention to claim extension of time and additional cost due to shortage of fuel under Sub Clause 8.4 and Sub-Clause 19.4 of General Condition of Contracts.					<p>DHC letter - dated 29-June-2020 (Ref:104) Contractor's substantiation awaited</p>
11	RAR-01/C-14 Damages Due to Massive Land Sliding	On 2/08.21, Notice of Claim - Damages Due to Massive Land Sliding Blocking of RAR-01					<p>DHC letter - dated 24-Aug-2021 (Ref:096) Contractor's substantiation awaited</p>
12	RAR-01/C-15A 2021- Change in Legislation - KPK PST	on 17th Dec 2021, Notice of Claim- Increase in KPK provisional Slaes Tax.					<p>DHC letter- dated 27th Dec 2021 (Ref: 137) Claim Registered</p>
13	RAR-01/C-15B Rainfal-Land Sliding and Blockage of RAR-01	On 3rd Sep 2021 the Contractor requested to register claim regarding Rainfal and land sliding as RAR-01/C-15					<p>DHC letter-dated 08-Sep-2021 (Ref:105) Claim Registered</p>
14	RAR-01/C-16 Land and Social Issues of Komila Bypass	On 30 May 2022 the Contractor notified the claim for extension of time and additional cost due to delay in land acquisition and social issues on Komila bypass					<p>DHC letter-dated 02-June-2022 (Ref:054) Claim Registered</p>

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15	RAR-01/C-17 Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah	On 13/08/2022, the Contractor notified its intention to claim for Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah				DHC letter - dated 31-August-2022 (Ref:076) Contractor's substantiation awaited
16	RAR-01/C-18 Closure of KKH due to Flash Floods	On 28/08/2022 and 30/08/2022 the Contractor notified its intention to claim for additional cost and time due to closure of Karakoram Highway because of Flash Floods				DHC letter - dated 01-September-2022 (Ref:077) Contractor's substantiation awaited
19	RAR-01/C19 Increase in sales tax from 17% & to 18%	On 25-02-2023 the Contractor submitted the notice to claim for additional cost due to the increase in sales tax from 17% to 18%.				The Engineer registered the claim on 2/03/2023
20	RAR-01/C20 Imposition of New Super Tax 4C - April-2023	On 14-03-2023 the Contractor submitted the notice to claim for additional cost due to the Imposition of New Super Tax 4C.				The Engineer registered the claim on 18/04/2023
Details of Claims/Notifications of TL-01 – Contractor PCCC						
1	TL-01/C-1 Idle Cost Claim [Direct Cost]	On 14/02/18, Contractor submitted idle Direct cost claim for the period of 2-Nov-2015 to 31-Dec-2016	7,109,690		3,766,650	Employer's approval to pay in IPC received on 2-8-2019. Claim Paid.
		On 14/11/18, Contractor submitted idle Direct cost claim for the period of 1-Jan-2017 to 31-April-2018	2,676,159		1,736,075	Employer's approval to pay in IPC received on 5-8-2019. Claim Paid.
2	TL-01/C-1 Overhead Claim (Management, offices camp etc) - [Indirect Cost]	On 04/03/19, Contractor submitted Overhead Claim (Management, offices camp etc) - [Indirect Cost] claim for the period of June 2016 to March 2018	161,670,931		74,679,085	Employer's approval to pay received on 23-10-20. Claim Paid.
		On 04/03/19, Contractor submitted Overhead Claim (Management, offices camp etc) - [Indirect Cost] claim for the period of April 2018 to April 2020	149,088,173		119,786,095	Employer's approval to pay received on 31-1-22. Claim Paid.
		On 06/07/20, Contractor submitted Chinese Staff's Social Insurance June 2016 to December 2019	65,054,640			Contractor agreed that this claim to be considered alongwith other Management claim.
		On 14/04/2022 the Contractor submitted his 3rd interim management cost claim for social insurances of Chinese Staff for the period of June 2016 to Dec 2019	32,602,984		28,843,299	The Engineer sent his evaluation to the Employer for approval on 1-06-2022
3	Tentative and Abortive Claim	On 18/07/20, Contractor submitted Tentative and Abortive Claim.				DHC/Dasu/PCCC/TL-01/rar/21-049 dated 15th April 2021 the Contractor withdraw his claim
4	TL-01/C-2 Equitable Adjustment EoT	On 08/02/16, Contractor submitted Equitable Adjustment Claim.	18,988,060		-	Assessment of "No Entitlement" submitted to WAPDA, and suggested to reply to Contractor - dated 23 February 2016. Claim Disapproved
5	Reduction in rate of Progress	On 08/03/17, Contractor submitted Reduction in rate of Progress claim for period of 11/10/2016 to 17/02/2017.	27,860,000		-	Explanatory Note submitted to WAPDA on 29 April 2017. Claim Disapproved
6	TL-01/C-7 Care & Custody of Equipment	On 11/04/18, Contractor submitted claim of care and custody of Grid station and TL Equipment from Nov 2017 to 31st March 2018	7,632,186		444,645	Project Manager assessment submitted on 10-Jul-2018 . The Employer agreed with PM Assessment. Contractor replied on 12-11-19 that he did not agreed with PM assessment.
		On 18/02/19, Contractor submitted claim for Additional Charges for care & Custody of Grid Station Equipment from April 2018 to Nov 2018	2,393,313		227,025	Project Manager assessment submitted on 3-Sep-2019 . The Employer agreed with PM Assessment. Contractor replied on 12-11-19 that he did not agreed with PM assessment.
7	Extension of Insurance and Guarantee Policies	On 27/07/18, 15/11/2018 Contractor submitted claim for Additional charges - Extension of Insurance and Guarantee Policies	23,106,045		14,948,404	Agreed and paid GM/PP/DHPP/AD(C)TL-01/43B/9245-49 dated 15-11-2019
		On 22/04/19, Contractor submitted claim for Additional charges - Extension of Insurance and Guarantee Policies			4,720,820	Claim Paid GM/PP/DHPP/Contracts/TL-01/43/6869-73 dated 1/12/2021
8	Relocation of Tower route	On 14/01/19, Contractor's Notice of Claim with regard to Relocation of Towers				DHC letter - dated 18-January-2019. (Ref:010) Contractor's substantiation awaited.
9	Perceived Disruption to Excavation Work	On 28/02/19, Contractor notified Claim for Delayed land acquisition and ROW issues				DHC letter - dated 3-March-2019 (Ref:043). Contractor's substantiation awaited.
10	Price Adjustment for Market Inflation	On 18/02/19, Contractor submitted Claim for Price Adjustment as a result of market inflation during the extended period of work.	126,787,385		72,664,514	Principle of Claim submitted DHC letter DHC/Dasu/PCCC/TL-01/cad/22-087 dated 29th May, 2022. Delay Analysis required by the Contractor

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							<i>Engineer provided assessment report on quantification for agreement of both parties, on 6-1-2023 (23-005)</i>
11	TL-01/C-8 Redesign and difficulty in execution of Grid Station	On 22/05/19, Contractor submitted Claim for Additional cost on account of redesigning of Grid Station.	47,157,647		3,898,986		The Project Manager <i>issued Principle of claim and assessment.</i> DHC/Dasu/WAPDA/TL-01/cad/22-052 dated 14th March 2022
12	Change proposal initiated and then Suspended	On 18/11/19, Contractor submitted Claim- Design and Procurement Cost for Preparing the Change Proposal(CR-TI-01-001). Change proposal was initiated by Employer in 2015 and suspended by the Employer in 2017.	695,700	4,094	Nil	4,094	Agreed and paid GM/DP/DHPP/Contracts/TL-01/43/6869-73 dated 2-12-2021
13	Claim Documentation for Guarantee Charges Before Effective Date	On 20/03/20, Contractor submitted claim for Cost of maintenance of guarantees from issue date till to effective date	1,600,914				Contractor agreed in meeting to withdraw this case. [Ref. DHC/Dasu/PCCC/TL-01/rar/21-002 dated 11 January 2021]
14	Claim for Re-excavation/ Slide Removal from Year 2016-19	On 01/04/20, Contractor submitted claim due to continuous ROW issues the backfilling activity of the Contractor was interrupted. The contractor is submitting claim of re-excavation/ slide removal from year 2016 to 2019.	8,459,812				The Contractor agreed to withdraw this claim Ref. letter # DHC/Dasu/PCCC/TL-01-cad/22-054 dated 21Mard 2022
15	Outbreak of Corona Virus (2019-nCoV)	On 02/04/20 Contractor notified Force Majeure under GC Sub-Clause 37.1 due to outbreak of COVID19.					DHC letter - dated 15-April-2020 Awaiting for Contractor's detailed submission
16	TL-01/C-09 Right of Way	On 10/04/20, Contractor notified Notice for Extension in Time due to RoW issue					DHC letter - dated 18-April-2020 Awaiting for Contractor's detailed submission
17	TL-01/C-10 Slow Progress by Land Owner's Labour	On 12/03/21, Contractor notified Notice for additional cost due to Slow Progress by Land Owner Labour hired to assist the Employer in resolving RoW issue					1. PM replied via DHC/Dasu/PCCC/TL-01/CAD/22-015 dated 24th January 2022 Awaiting for Contractor's detailed submission. 2. The Project Manager "Mom" after Conducting Meeting with the Contractor and asked the Contractor for submission of additional particulars April 2023
18	TL-01/C-11 Transportation and loading/unloading of Power Transformer	On 6th May 2021, the Contractor submitted a notice of claim regarding additional cost for the power transformer transportation and other associated costs					DHC letter - dated 1st June-2021 The Engineer registered the subject claim
Details of Claims/Notifications of DASU-MW-01 – Contractor CGGC							
1	MW-01/C-01 Claims for Additional Cost and Time due to delay of Land Handing Over	Contractor submitted 14 nos. of Interim submissions from Jun 23 2017 to Aug 31 2020. First submission was submitted on 18-Aug-2017					<i>The Engineer's replied dated 26 September, 2017. Principle of claim was approved. Contractor's substantiation for Additional cost and EOT awaited. Contractor provides expense record in interim submissions without establishing+H91+H89:192+H89:193+H8+H89:117</i>
		Contractor submitted prolongation claim on 14-06-2022 at cut-off date 14-07-2021	8,115,076,911	77,805,148			<i>The Engineer shared his preliminary report on principle of claim with both parties to have consensus on principles. The Engineer had various consolation meetings with the Employer and Contractor regarding discussion on evaluation.</i> The Engineer is forwarded the Engineer's Response on Principle of Claim to both the Parties For Consultation on the March & April 2023
		Contractor submitted Head Office claim on 14-06-2022 at cut-off date 14-07-2021	8,451,631,110				The Engineer submitted the Principle response on 18-02-2023 Ref: (127)
2	MW-01/C-02 Adjustment to Contracts Price due to change in legislation (Withholding Tax)	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001). Contractor submitted Claim notification dated 22/12/2017.					<i>Engineer replied on 29-Oct-2019 and 23-Dec-2019, asked the Contractor to submit additional supporting data for the Engineer to comment on principle of claim.</i> Additional documents are awaited to determine Time bar implication.
3		Contractor submitted on [24/07/2020] first Interim disruption Claim for the Period up to Jan 2019	48,630,356				Engineer's principle of claim sent on 12-01-2021

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	MW-01/C-03 Disruption Claim - [Work Hindrance by Local Residents]	Contractor again submitted on interim claim on 14-06-2022 due to disruption of local people up to Jan 2019	3,480,934	33,374			Engineer replied on 05-07-2022 with comments and asked for additional substantial documents in support of the claim On 1-Aug-2022 , the Contractor was once again asked to provide additional substantial documents. Contractor's Response awaited
4	MW-01/C-04 Damage to Contractor's Industrial Water Pipe due to unexpected Mud-Rock Flow in Uchar Area	On [18/08/2018], Contractor submitted his claim for Damage to Contractor's Industrial Water Pipe due to Unexpected Mud-Rock Flow in Uchar					The Engineer, on 20-09-2018 , assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to 19.4. Claim denied.
5	MW-01/C-05 Work hindrance by Local Residents	The Contractor submitted his claim notifications on 05/09/2018 and 29/10/2018 for additional cost and EOT due to strike by local residence.					The Engineer replied that the strike was done by Contractor's own employees. Without admitting Employer's liability, the Engineer asked, on 5-11-2018 (Ref:442) , the Contractor for the submission of detail claim. Contractor's substantiation awaited.
6	MW-01/C-06 Delay in Issuance of Drawings	The Contractor notified the intent to claim due to delay in the review of shop drawings [29/10/2018]					Engineer Replied on 5-11-2018 (Ref:443) Contractor's substantiation awaited.
7	MW-01/C-07 Provision of Electricity	The Contractor's intention to claim due to non-provision of Electricity [26/02/2019]					Engineer Replied on 18-03-2019 . The Contractor is fully responsible for the provision of electricity. Claim denied.
8	MW-01/C-08 Work Stoppage due Landslide Incident	Suspension of Work from 15 to 18 January: Claim for EOT and Costs - Contractor submission on 16/02/2019 and 17/04/2019.	37,280,470				Replied on 18-03-2019 and 17-05-2019 . The formal notice of your intention to claim was provided outside of the 28 days' time-bar. Claim denied.
		The Contractor submitted a revised claim on 14-06-2022 after DB's decision Contractor provided the revised submission on 06-02-2023	5,572,820				Replied on 05-07-2022 and asked for additional substantial documents in support of the subject claim. Contractor's response is awaited The Engineer asked for the supporting documents on 24-02-2023 Ref:(191) Contractor's substantiation is awaited.
9	MW-01/C-09 Change in Legislation Additional (Custom Duty/Tax on Import of Goods)	On 18/08/2019, Contractor Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods. Contractor submitted Interim Claim No 2 (Feb 2019 to Dec 2019) - dated 23/08/2020.	56,780,851	404,333			Principle of claim issued -DHC/Dasu/CGGC/MW-01/cad/21-491 dated 17th Nov 2021
		The Contractor on 14-06-2022 submitted claim for additional charges due to increase in various import taxes, at the cutoff date 31 Dec 2019	54,369,672	521,282			The Engineer's assessment is shared with both parties on 8 January 2023. The Employer informed on 27th February 2023 that they are reviewing the assessment.
		The Contractor on 08-09-2022 submitted claim for additional charges due to increase in various import taxes, from Jan 2020 to Dec 2021					The Engineer recorded disagreement between both parties against Interim Claim No. 1 on 5-May-2023
		The Contractor on 01-04-2023 submitted 2nd Interim claim for MW-01 For additional charges due to increase in various import taxes, at the cutoff date 31 Dec 2021	45,824,047	439,348			The Engineer replied on 10-April-2023 . DHC/DASU/CGGC/MW-01/CAD/23-286 for submission of supporting particulars.
10	MW-01/C-10 Stoppage by the 80 Members Dam Committee: Claim for EOT	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee" - [13/10/2019]					The Engineer replied on 25-Oct-2019 . CGGC/MW-01/CD/DHC-510 dated 29th October 2019 DHC/DASU/CGGC/MW-01/you/19-401 dated 2-Nov-2019 EOT Claim to be considered in revised time for variation
11	MW-01/C-11 Unforeseeable Cost due to Co-operation	On 04/09/2020, Contractor submitted first Interim Claim for the Period up to Dec 2018	10,280,007				Engineer's principle of claim sent on 12-03-2021
12	MW-01/C-12 Outbreak of Corina Virus (2019-nCoV)	Contractor submitted nos. of interim Direct Cost claim for the Period up to 31 Jan 2021					The Engineer provided detailed response on 9/10/20 . Only EOT may be acceptable. Cost is Contractor's risk under Contract. Principle of Claim denied.
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 7-06-2022					Claim Denied DHC/Dasu/CGGC/MW-01/CAD/22-502 dated 22-09-2022
		The Contractor submitted interim claim of direct cost due to covid-19 on 09-07-2022, 25-09-2022 and 27-09-2022					The Engineer replied on 30-Sep-2022 Claim Denied The Engineer forwarded the Contractor's Claim for COVID-19 - Draft Referral to the Dispute Board to the Employer on 28-April-2023

13	Claim for Crushing Plant and Batching Plant	Contractor submitted detail claim on 4-09-2019					<i>The payment made in IPCs on pro-rata basis.</i>
		The Contractor submitted revised claim on 12-04-2022	412,817,975	3,957,986			Engineer on 24-06-2022 submitted Principle of Claim 22. The Engineer submitted Draft Employer's Position Paper for Dispute Board's Non-binding Opinion against Contractor's Claim C-13 Crushing & Batching Plant to the Employer on 6 May 2023.
14	MW-01/C-13 Firing incident at River Diversion inlet area	Contractor submitted detail claim on 22-03-2021	224,592,226				Engineer Replied on 25-02-2021 (Ref:090) .
		The Contractor submitted revised claim on 14-06-2022 Contractor submitted the revised claim submission on 25-01-23	28,925,585				Engineer's Principle of Claim sent on 30-08-2022 Contractor has been asked to resubmit the claim Contractor's Entitlement to claim accepted under Sub-Clause 8.8 and 8.9 The Engineer asked for the supporting documents on 22-02-2023 Ref:(142) Contractor's substantiation is awaited.
15	Illegal Industrial Action for the Period of January 2021	Contractor submitted detail claim on 20-02-2021					Engineer's principle of claim sent on 26-03-2021 Principle of Claim denied.
		The Contractor submitted revised claim on 14-06-2022	6,822,489	65,412			Engineer's principle of claim sent on 05-07-2022 Principle of Claim denied.
16	MW-01/C-14 Claim regarding 14-July Blast incident	On 24/07/21, Contractor notified claim due 14-July Blast incident	1,174,806,795	11,263,728			Engineer Replied on 12-08-2021 (Ref:358). Contractor's substantiation awaited. Engineer evaluated EOT of 103 days on 1-1-2023 (Ref:23-001) Further Engineer will issue the Principle of claim after evaluating the Prolongation Claim
17	MW-01/C-15 Amended Reinforcement Design	On 20/03//2022, the Contractor notified its intent to claim due to amended reinforcement design					DHC letter - dated 09-April-2022 (Ref:144) Contractor's substantiation awaited.
18	MW-01/C-16 Flood in Uchar Nullah	On 31/07/2022 and 10/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 15-August-2022 (Ref:402) Contractor's substantiation awaited.
19	MW-01/C-17 Natural Catastrophe	On 27/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:441) Contractor's substantiation awaited.
20	MW-01/C-18 Change In Legislation	On 20/02/2023, the Contractor notified its intent to claim due to change in legislation occurred due to Enhancement in Standard Rate of Sales Tax from 17% to 18%.					DHC letter - dated 25-Feb-2023 (Ref:000) Contractor's substantiation awaited.
Details of Claims/Notifications of DASU-MW-02 – Contractor CGGC							
1	MW-02/C-01 Claims for Additional Cost and Time due to delay of Land Handing Over	Contractor submitted 14 nos. of Interim submissions from Jun 23 2017 to Aug 31 2020. First submission was submitted on 18-Aug-2017					<i>The Engineer's replied dated 28 September, 2017 on principle of claim, and provided detail comments on contemporary records .</i> Principle of claim approved. <i>Contractor's substantiation for Additional cost and EOT awaited. Contractor provides expense record in interim submissions without establishing cause-effect link.</i>
		The Contractor submitted prolongation claim at cut-off date 14-07-2021	5,191,161,238	49,771,488			Arranged a discussion meeting with the Contractor's personnels and asked for required substantial documents in support of the claim The Engineer is working on Principle of Claim. Target date is 30-Nov-2022 The Engineer is forwarded the Engineer's Response on Principle of Claim to both the Parties For Consultation on the March & April 2023
2	MW-02/C-02 Additional Cost due to Change in Legislation	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001). Contractor submitted Claim notification dated 22/12/2017.					Engineer asked the Contractor to submit additional supporting data for the Engineer to comment on principle of claim. Additional documents are awaited to determine Time bar implication.
4	MW-02/C-03 Effective access to PTDC camp area	The Contractor on 23-01-2018 submitted claim due to prevention of effective access to PTDC camp area resulting stoppage of work.					Engineer registered the claim as MW-02/C-03 for future correspondences
	MW-02/C-04 Delay in Issuance of Drawings	The Contractor has notified the intent to claim due to delay in the review of shop drawings - [29/10/2018]					The Engineer (date 5 Nov. 2018) replied. Contractor's substantiation awaited.

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5	MW-02/C-05 Provision of Electricity	The Contractor's intention to claim due to non-provision of Electricity - [26/02/2019]					<i>The Contractor is fully responsible for the provision of electricity [Ref: date 18-March-2019] Claim denied.</i>	
6	Work Stoppage due to Landslide Incident	Suspension of Work from 15 to 18 January: Claim for EOT and Costs - [17/04/2019]	18,371,545				<i>Formal notification of the Contractor's intention to claim was provided outside of the 28 days' time-bar- [Ref: date 8-May-19] Claim denied.</i>	
		The Contractor submitted revised claim on 14-06-2022	3,625,362	34,759			<i>The Engineer submitted principle of claim on 5-07-2022. Claim Denied</i>	
7	MW-02/C-06 Landslide Incident at Khoshe Labour Camp	Notice of Intent to Claim - Landslide Incident at Khoshe Labour Camp - [26/06/2019]					<i>Engineer replied dated 27-Jul-2019 (Ref:126) Contractor's substantiation awaited.</i>	
8	MW-02/C-07 Additional Tax on Import of Goods	On 18/08/2019, Contractor Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods. Contractor submitted Interim Claim No 2 (Feb 2019 to Dec 2019) - dated 23/08/2020.	34,965,138	193,215			<i>Principle of claim issued -DHC/Dasu/CGGC/MW-02/cad/21-215 dated 25th Nov 2021</i>	
		The Contractor submitted revised claim on 14-06-2022 for various charges due to increase in Import taxes, at cutoff date 31-Dec-2019	30,284,297	290,358			<i>The Engineer responded on 12-Sep-2022 reiterating his stance as given in the Principle of Claim issued on 17-Nov-2021 and asked the Contractor to submit the Claims in accordance with the Principles The Engineer and the Contractor has a consultation meeting on 15-Oct-2022 and Contractor agreed to provide the working as per Engineer's Principles of Claim. The Engineer provided assessment report for agreement of both parties on 8-01-2023 (Ref:23-009)</i>	
		The Contractor submitted revised claim on 08-09-2022 for various charges due to increase in Import taxes, from Jan 2020 to Dec 2021						
		The Contractor on 01-04-2023 submitted 2nd Interim claim For MW-02 for additional charges due to increase in various import taxes, at the cutoff date 31 Dec 2021	25,675,480	246,170			<i>The Engineer recorded disagreement between both parties against Interim Claim No. 1 on 5-May-2023</i>	
9	MW-02/C-08 Stoppage by the 80 Members Dam Committee: Claim for EOT	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee" - [13/10/2019]					<i>The Engineer replied on 25-Oct-2019 CGGC/MW-02/CD/DHC-306 dated 29th October 2019 DHC/DASU/CGGC/MW-02/you/19-207 dated 2- Nov 2019 EOT Claim to be considered in revised time for variation</i>	
10	MW-02/C-09 Unforeseeable Cost Due to Co-operation	On 04/09/2020, Contractor submitted first Interim Claim for the Period up to Dec 2018	8,418,715				<i>Engineer's principle of claim sent on 12-01-2021 Claim Denied</i>	
11	MW-02/C-10 Outbreak of Corona Virus (2019-nCoV)	Contractor submitted nos. of interim Direct Cost claim for the Period up to 31 Jan 2021					<i>The Engineer provided detailed response on 12/10/20. Only EOT may be acceptable. Cost is Contractor's risk under Contract. Principle of Claim denied.</i>	
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 7-06-2022					<i>Claim disapproved via Engineer's correspondence dated 30-Sep-2022</i>	
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 25-09-2022						
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 27-09-2022					<i>The Engineer forwarded the Contractor's Claim for COVID-19 - Draft Referral to the Dispute Board to the Employer on 28-April-2023</i>	
12	LNG Tank Accident - Barseen	Contractor's claim for the idle time as a result of the overturned LNG tank at the Barseen camp - [05/04/2020]	1,028,691				<i>Engineer approved principle of Claim on 28-09-2020 . Asked the Contractor to substantiate actual additional Cost.</i>	
		The Contractor submitted revised claim on 14-06-2022	1,141,280		487,984		<i>The Engineer submitted determination on 02-12-2022 Claim Paid</i>	
13	MW-02/C-11 Firing incident at River Diversion inlet area	Contractor submitted detail claim on 22-03-2021	143,164,727				<i>Engineer Replied on 25-02-2021 (Ref:039) Under Review by the Engineer</i>	
		Contractor submitted revised claim on 14-06-2022	17,330,619	166,161			<i>Engineer's Principle of Claim sent on 03-09-2022 Contractor has been asked to resubmit the claim. Contractor's entitlement to Claim accepted under Sub-Clause 8.8 and 8.9</i>	
14	Illegal Industrial Action for the Period of January 2021	Contractor submitted detail claim on 20-02-2021					<i>Engineer's principle of claim sent on 26-03-2021 Principle of Claim denied.</i>	
		The Contractor submitted revised claim on 14-06-2022	1,514,864	14,524			<i>The engineer submitted Principle of claim on 5-07-2022. Claim Denied</i>	

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15	MW-01/C-12 Claim regarding 14-July Blast incident	On 24/07/21, Contractor notified claim due 14-July Blast incident	607,523,703	5,824,772			<i>Engineer Replied on 12-08-2021 (Ref:144). Engineer evaluated 103 days EOT on 1-1-2023 (Ref:23-001) The Engineer will issue the Principle of Claim after evaluating Prolongation claim. Engineer asked for additional documents on 29-01-23 Ref:(088) Contractor's substantiation is awaited</i>
16	MW-02/Disruption Claim - [Work Hindrance by Local Residents]	Contractor submitted on [24/07/2020] first Interim disruption Claim for the Period up to Jan 2019	2,105,168				<i>Engineer's principle of claim sent on 14-01-2021.Claim Denied.</i>
		The Contractor submitted revised claim on 14-06-2022	76,250	731			<i>The Engineer respond on 05-07-2022 and disapproved the claim</i>
17	MW-02/C-13 Flood in Uchar Nullah	On 31/07/2022 and 10/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					<i>DHC letter - dated 15-August-2022 (Ref:336) Contractor's substantiation awaited.</i>
18	MW-02/C-14 Natural Catastrophe	On 27/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					<i>DHC letter - dated 05-September-2022 (Ref:372) Contractor's substantiation awaited.</i>
19	MW-02/C-15 Change In Legislation	On 20/02/2023, the Contractor notified its intent to claim due to change in legislation occurred due to Enhancement in Standard Rate of Sales Tax from 17% to 18%.					<i>DHC letter - dated 25-Feb-2023 (Ref:000) Contractor's substantiation awaited.</i>
Details of Claims/Notifications of DASU-LBRV-11 – Contractor Zhongmei							
1	LBRV-11/C-01 Perceived Delay in the Issuance of Construction Drawings	On 07/01/19, Perceived Delay in the Issuance of Construction Drawings, January 2019					<i>Replied on 6-Feb-2019 (Ref:033)</i>
2	LBRV-11/C-2U Unified the Work stoppage's claim nos. C-02, C-03, C-04, C-05 under LBRV-11/C-2U dated 20-09-2019	On 03/03/19, Contractor submitted Idle Cost Claim Works' stoppage linked to land acquisition issues	22,075,487		2,530,207		<i>Received Employer's approval via letter No. GM/PD/DHPP/Contracts/LBRV-11/71/13196-13200 dated 06-10-2022</i>
3	LBRV-11/C-06 Extension of Guarantees	On 31/05/19, Contractor submitted Claims for Additional Costs for extending performance & advance security					<i>Replied on 10-Jun-2019 (Ref:102&108)</i>
4	LBRV-11/C-07 Suspension of Works and unforeseeable physical conditions	On 11/09/19, Contractor submitted Notice of Claim - Unforeseeable Man-Made Physical Obstructions and Suspension of Works at RD 0+ 730 on Khoshe Site-1 Permanent Access Road					<i>The responsibility for the safety-related issues rests with the Contractor. Hence, Sub-Clause 4.12 [Unforeseeable Physical Conditions] seems irrelevant under the prevailing Site conditions. DHC letter 21-Sep-2019 (153). Contractor's letter: 21-Oct-2019 DHC's letter: 29-Oct-2019</i>
5	LBRV-11/C-08 Claim due to outbreak of Corona Virus (COVID-19)	On 28/03/20, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure].					<i>Engineer replied dated 8-April-2020 (Ref:044)</i>
6	LBRV-11/C-09 Idle Cost Claim and Extension of Time due firing incidence at Logro Tunnel	On 11/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.	1,068,116.00		256,280.00		Claim certified in IPC #12 [13th October 2022]
7	LBRV-11/C-10 Idle Cost Claim and Extension of Time due work stoppage by locals	The Contractor has submitted monthly interim claims from March 2021 to October 2021 . The Engineer on the Contractor's request has unify these claims and called as 1st interim claim	16,309,614		5,311,025		<i>The Engineer issued his assessment on 13th December 2021. The Contractor shared his consent on 16th Dec 2021.</i>
		2nd Interim Claim. From November 2021 to February 2022	3,502,800		3,444,420		<i>The Engineer has issued his assessment to both the Parties on 16th March 2022 for their consent. The Contractor has submitted his consent on 19th March 2022.</i>
8	LBRV-11/C-11 Prolongation Cost Claim for 1st Extension of Time due to non-possession of sites	on 2nd May 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 4th Dec 2020	319,093,549		4,083,592		<i>Claim regarding extending the insurances guarantees certified in IPC #12 [13th October 2022]</i>
					20,714,333		<i>The Engineer issued his assessment to the Employer and to the Contractor on 19-12-2022. The Employer Approved GM/PD/DHPP/Contracts/LBRV-11/71/4663-66 dated 26 May 2023.</i>

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8	LBRV-11/C-13 Cost Claim for the recovery of Loss	on 5th March 2022, the Contractor has submitted notice of claim related to the cost claim for the recovery of loss due to the omission of Works under LBRV-11					The Engineer on 9th March 2022 acknowledged the Contractor's notice of claim and instructed him to follow strictly the time line for the submission of detailed claim.
9	LBRV-11/C-14 Cost Claim for the change in legislation (PST)	the Employer served a notice to claim to the Contractor on 13-12-2022					The Engineer registered the claim on 11-01-2023.
Details of Claims/Notifications of DASU-LBRV-12 – Contractor Zhongmei							
1	LBRV-12/C-01 Rock Fall Incident at Zero Point	On 20/06/19, Contractor notified Claims for Additional Costs and Time due to a suspension of the Works on account of a Rock Fall Incident at Zero Point					Engineer replied on 11-Feb-2019 (Ref:016) . No further particulars submitted by the Contractor to date
2	LBRV-12/C-02 Nasirabad-2 Site's Access Road	On 18/03/19, Contractor notified Claim -Due to Stoppage Work at Nasirabad-2 Site's Access Road					Employer accorded approval to pay in IPC 23-8-2022 Claim Paid
3	LBRV-12/C-02a Nasirabad-1 & 2 Site's Access Road	on 22/09/2019 Contractor notified Claim -Due to Stoppage Work by 80 member dam committee at Nasirabad-1&2 Sites.	1,341,148.80		547,679		Employer accorded approval to pay in IPC 22-12-2021 Claim Paid
4	LBRV-12/C-03 Extension of Guarantees	On 31/05/19, Contractor notified Claim for Additional Costs for extending performance & advance security					Engineer replied dated 10-Jun-2019 (Ref:043 & 044) This claim has merged in "LBRV-12/C-06
5	LBRV-12/C-04 Claim due to outbreak of Corona Virus (COVID-19)	On 28/03/20, Contractor notified Force Majeure under Sub-clause 19.2 [Notice of Force Majeure].	Nil	Nil	Nil	Nil	Engineer replied dated 8-April-2020 (Ref:044)
6	LBRV-12/C-05 Idle Cost Claim and Extension of Time due firing incidence at Logro Tunnel	On 11/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.	516,020.00		186,077.00		Employer accorded approval to pay in IPC 26-6-2022 Claim Paid
7	LBRV-12/C-06 Prolongation Cost Claim for 1st Extension of Time due to non-possession of sites	on 2nd May 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 7th Nov 2020	265,758,451.00		6,951,054.00		The Engineer assess the cost for extending the project insurances and guarantees . Employer accorded approval to pay in IPC 26-6-2022 Claim Paid
					17,234,706.00		The Engineer issued his assessment to the Employer and to the Contractor on 19-12-2022 The Employer Approved GM/PD/DHPP/Contracts/LBRV-12/72/4672-75 dated 26 May 2023.
8	LBRV-12/C-07 Delay in issuance of Drawings	The Contractor on 5th August 2021, has submitted a 1st, 2nd and 3rd interim claim regarding the non-issuance of constructions drawings of mosque due to delay in finalization of Mosque location.					The principle of claim has been forwarded to the Contractor and to the Employer on 20th Sep 2021
9	LBRV-12/C-08 Cost Claim for the recovery of Loss	on 5th March 2022, the Contractor has submitted notice of claim related to the cost claim for the recovery of loss due to the omission of Works under LBRV-12					The Engineer on 9th March 2022 acknowledged the Contractor's notice of claim and instructed him to follow strictly the time line for the submission of detailed claim.
10	LBRV-12/C-09 Cost Claim for the change in legislation (PST)	the Employer served a notice to claim to the Contractor on 13-12-2022					The Engineer registered the claim on 11-01-2023.
Total Additional Cost			267,615,620	-	24,919,516	-	
Details of Claims/Notifications of DASU-PCI-01R – Contractor CGICOP							
1	PCI-01R/C-01 Works' stoppage linked to land acquisition issues	On 18/06/19, Contractor Notice of Claim -Works' Stoppage at the Choochang Colony Site-Batching Plant Location					Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 22-Jun-2019 (Ref:061) Notice of Claim has been acknowledged. Waiting for the Contractor's Submission
2	PCI-01R/C-02 Delay in issuance of Drawings	On 03/09/19, Contractor claim Extension of time for delay in issuance of construction drawings. July 1st 2019 to Aug. 22 2019	183,457,765				Engineer considers that the late issuance of construction drawings of residence category 1 &2 didn't cause any impacts on the Works. The Engineer replied on 26-Aug-2019 (Ref:113) , and 29-Aug-2019 (Ref:118) The Engineer replied on 27-Sep-2019 (147)

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										<i>The Contractor's submission only signifies the provision of cost records for expenses. The Engineer submitted the Project's Manager explanatory note on 5th August 2021</i> Particulars not yet submitted by the Contractor
3	PCI-01R/C-03 Works' stoppage linked to land acquisition issues	On 04/09/19, Contractor claim - Works' Stoppage by House owner in portion-2 near Cat-2 Hostels - 25 July 2019 to 31 August 2019	127,265,692							<i>Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 26-Aug-2019 (Ref:110) The Engineer replied on 27-Sep-2019 (147) The Contractor's submission only signifies the provision of cost records for expenses.</i> Waiting for the Contractor to submit record to substantiate his claim
4	PCI-01R/C-04 Claims for Additional Time due to a Works' stoppage linked to Rainfall	On 07/11/19, Contractor submitted notice claim notice due to Construction Works at the site has been stopped due to exceptionally adverse climatic conditions, and inclement rainfall started on 51h November 2019 and continued till 71h November 2019								<i>The Engineer replied on 14-11-2019 Notice of Claim has been acknowledged.</i> Waiting for the Contractor's Submission
5	PCI-01R/C-05 Claim due to outbreak of corona Virus (COVID-19)	On 16/04/20 and 16/05/20, Contractor submitted two interim claim notice for Coronavirus Force Majeure that lockdown in parts and parcels, causing major deficiency in supply & transport of materials and manpower required for the Project.								Principle of Cost Claim rejected dated 25-July-2020 (Ref:244)
6	Additional Test-Petrographic	On 04/06/20, Contractor submitted EOT and Cost plus profit	462,483							Principle of Claim was rejected dated 7-July-2020 (Ref:229)
7	PCI-01R/C-06 Claim due to shortage of Fuel	On 25/06/20, Contractor submitted claim notice for extra time and additional Cost due to unavailability of Fuel under Sub-Clause 19.4 read with Subclause 20.1.								<i>Notice of claim has been acknowledged via Engineer dated 29-June-2020</i> waiting for the Contractor's submission
9	PCI-01R/C-07 Notice of Force Majeure due to firing incident at Logro Tunnel	On 13/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.								<i>Engineer acknowledge the receipt of notice on 23-Feb-2021 (Ref: 079) and requested the Contractor to submit detailed particulars to substantiate his claim.</i> Waiting for the Contractor's submission
10	Contractor's cost claim for renewal insurance policies	Contractor's cost claim for renewal insurance policies for the extended period of time	10,304,710							<i>The Engineer provided his response via letter No. DHC/Dasu/CGICOP/PCI-01R/CAD/22-248 dated 28-Sep-2022</i>
11	PCI-01R/C-08 KKH Road Blockage	on 29/08/2022, the Contractor submitted a notice of claim under GCC Sub-Clause 19.2 for blockage of main KKH road due to adverse climatic condition causing Flash Flood								<i>Notice of claim has been acknowledged via Engineer dated 14-Sep-2022</i> waiting for the Contractor's submission
12	PCI-01R/C-09 Employer's Claim regarding Change in Legislation (PST)	The Employer served a notice to claim to the Contractor on 9-12-2022								<i>The Engineer registered the claim on 11-01-2023.</i>
12	PCI-01R/C-10 Flash flood on Uchar Nullah	The Contractor's served notice to claim dated 02 May 2023 vide letter Ref. no. CGICOP-DASU-PCI-01 R-P0-1728								<i>The Engineer registered the claim on 04-05-2023.</i>
12	PCI-01R/C-11 Stoppage of Work by Locals	The Contractor's served notice to claim dated 02 May 2023 vide letter Ref. no. CGICOP-DASU-PCI-01 R-P0-1728								<i>The Engineer registered the claim on 04-05-2023.</i>
Total Additional Cost			321,490,650	-	-	-				
Details of Claims/Notifications of DASU-RV – Contractor KGL										
1	RV/C-01 Works' stoppage linked to land acquisition issues at Additional Choochang Sites	On 24/12/19, Contractor notified Claim for Additional Costs and Time due to a Works' stoppage linked to land acquisition issues with original landowners at Additional Choochang Sites								<i>Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 28-Dec-2019</i>
2	RV/C-01 Works' stoppage by the original landowners at Shatial Museum Site	On 14/01/20, Contractor notified Claim for Additional Costs and Time due to a Works' stoppage by the original landowners at Shatial Museum Site								<i>The Engineer's letter dated 22-Jan-2020</i>

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3	RV/C-03 Re-Handling of Excavated Material at Kuz Choochang Upper and Lower Portion	On 29/09/20, Contractor submitted claim for Re-Handling of Excavated Material at Kuz Choochang Upper and Lower Portion	38,780,332		4,108,731		Claim paid on 21-01-2023
4	RV/C-04 Coronavirus	On 09/04/20, Contractor notified Corona Virus Pandemic affecting its material transportation. Which delays the progress of Works' at the site and resultantly affecting the completion of the project.					The Engineer's letter dated 29-April-2020
5	RV/C-05 Prolongation Cost Claim for 1st Extension of Time due to non-possession of sites	on 21st September 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 7th Nov 2020	89,480,364				The Engineer's commented on the Contractor's submission dated 14-October-2021 . The Contractor has withdrawn his claim and re-submitted it on 29th March 2022 .
6	RV/C-06 Hindrance at Site and Non Issuance of Drawing, Masjid Location and Non-Approval of Extension of Time	on 26 October 2021, Contractor has submitted Early Warning under Clause 31 and provided his intention to claim under Clause 27 & 42					The Engineer's on 09-November-2021 registered the claim and requested the contractor to maintain and submit contemporary record regard the events.
7	Contractor's claim regarding Price Adjustment	Contractor on 20th December 2022 submitted his claim regarding Price adjustment due to EOT	5,510,783				The Project Manager responses via letter no. 23-006 on 20th January 2023 that the requisite delay analysis is not submitted by the Contract therefore cannot be assess until the submission of required documents
8	RV/C-08 -April 2023 Change In Legislation	On 17/03/2023, the Contractor notified its intent to claim due to change in legislation occurred due to Enhancement in Standard Rate of Sales Tax from 17% to 18%.					DHC letter - dated 26-April-2023 Contractor's substantiation awaited.
Details of Claims/Notifications of EM-01 – Joint Venture (GE-PC JV)							
1	EM-01/C-01 Potential Impact of Covid-19 Outbreak	On 17/08/2021 the Contractor requested the Employer to register the claim for extension of time and additional cost due to potential impact of Covid-19 outbreak					The Project Manager registered the claim on 14-April-2022 Contractor's Submissions are awaited.
2	EM-01/C-02 Delay in Land Handover for Site Camp	on 12-12-2021 the Contractor submitted 6th interim claim for extension of time and additional cost due to delay in land handover for the Contractor's site camp	23,598,372				DHC letter - dated 10-May-2022 (Ref:112) DHC letter- dated 10-Nov-2022 (Ref:389) DHC letter- dated 6-Dec-2022 (Ref:420) Claim denied
3	EM-01/C-03 Change in Law and Regulations under the Contract	On 9-05-2022 the Contractor notified claim for additional cost due to change in law and regulations under the Contract					The Project Manager, on 23-06-2022, assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to GC Sub-Clause 45.1 Claim denied.
4	EM-01/C-04 Temporary Fencing and ground Leveling	On 28-04-2022 the Contractor notified the claim for additional cost due to providing temporary fencing and ground leveling on site.					The Project Manager, on 22-06-2022, assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to GC Sub-Clause 45.1 Claim denied.
5	EM-01/C-05 Right of Way	On 18-08-2022 the Contractor notified claim due to right of way issues at EM-01 site camp construction.					1. The Project Manager registered the claim on 25-August-2022 Contractor's Submissions are awaited. Engineer submitted principle of claim and the claim rejected on 14-02-23 Red: (041). 2. 5. The Project Manager again reminded the Contractor's comments to the Employer to seek his clarification regarding Employer's Agreement with local landowners on 4th April 2023.
6	EM-01/C-06 Change of Coordination Events	On 5th Nov 2022 the Contractor notified the claim for extension of time due to change in coordination events.					Explanatory note for the Employer has been submitted vide letter DHC/Dasu/WAPDA/EM-01/CAD/22-431 dated 13-12-2022. Wherein the principle of Claim accepted. Principle of claim submitted on 18-03-2023 (Ref:087) Contractor's Submission is awaited
7	EM-01/C-07 Delay in Generation of Financial Instrument (FI) Number by the Employer's Bank	On 6th Dec 2022 the Contractor notified the claim for extension of time and additional cost vide letter Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0457.					1. The Contractor's Submission is awaited 2. The Project Manager extended the proposed time frame for Contractor's final claim submission till 31st May 2023

8	EM-01/C-08 Temporary Storage Cost at Ghazi Brotha	On 6th Dec 2022 the Contractor notified the claim for and additional cost vide letter Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0449.					<i>The Contractor's Submission is awaited</i>
9	EM-01/C-09 Delay in generation of FI number for shipment No 2	On 21-02-2023, the Contractor submitted the notice of claim due to the delay in generation of FI number by the Employer for goods declaration of second batch of shipment.					<i>The Contractor's Submission is awaited</i>
Details of Claims/Notifications of RAR-02 – Contractor CGGC							
1	RAR-02/C-01 Work Stoppage by Locals	On 3-06-2022 the Contractor notified the claim for additional cost and extension of time due to stoppage of work by locals					The Engineer registered the claim on 9-June-2021 Contractor's Submissions are awaited.
2	RAR-02/C-02 14 July Blast Incident	On 24-07-2021 the Contractor notified the claim for additional cost and extension of time due to 14 July 2021 incident					The Engineer registered the claim on 12-Aug-2021 DHC letter - dated 30-May-2022 (Ref:047) Contractor's Submissions are awaited. Engineer evaluated 103 days EOT on 1-1-2023 (Ref:23-001) Engineer asked for additional documents on 30-01-2023 Ref:(017)
3	Notice to Claim due to Lack of Fuel	On 10-05-2022 the Contractor notified the claim for additional cost and extension of time due to lack of fuel					DHC letter dated 12-May-2022 (Ref:037) Claim Denied
4	RAR-02/C-04 Influence of Covid-19 Outbreak	On 30-08-2021 the Contractor notified the claim for additional cost and extension of time due to Covid-19 influence					The Engineer registered the claim on 17-Sep-2021 Contractor's Submissions are awaited.
5	RAR-02/C-5 Flood in Uchar Nullah	On 10/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 15-August-2022 (Ref:071) Contractor's substantiation awaited.
6	RAR-02/C-6 Natural Catastrophe	On 27/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:077) Contractor's substantiation awaited.
7	RAR-02/C-7 Change In Legislation	On 20/02/2023, the Contractor notified its intent to claim due to change in legislation occurred due to Enhancement in Standard Rate of Sales Tax from 17% to 18%.					DHC letter - dated 25-Feb-2023 (Ref:000) Contractor's substantiation awaited.
Details of Claims/Notifications of KKH-02 – Contractor CGGC							
1	KKH-02/C-01 Delay in Handing Over	On 01/06/2022 the Contractor notified the claim for additional cost due to delay in handing over of the land					1. DHC letter - dated 06-June-2022 (Ref:059) Contractor's substantiation awaited. 2.2. The Engineer responded to the Contractor's submittal of Cost Claimant submitted his comments
2	KKH-02/C-02 Occupation of Contractor's Dormitories by Army Personnel	On 04/08/2022, the Contractor notified its intent to claim due to occupation of its Pakistani staffs' dormitories by the Army Personnel					DHC letter - dated 10-August-2022 (Ref:097) Contractor's substantiation awaited.
3	KKH-02/C-3 Flood in Uchar Nullah	On 18/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 05-September-2022 (Ref:105) Contractor's substantiation awaited.
4	KKH-02/C-4 Natural Catastrophe	On 29/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:106) Contractor's substantiation awaited.
5	KKH-02/C-05 Disruption of Works	On 1-02-2023, the Contractor submitted notice to claim for additional cost and time due to disruption of works.					DHC letter - dated 09-February-2023 (Ref:106) Contractor's substantiation awaited.
6	KKH-02/C-6 Change In Legislation	On 20/02/2023, the Contractor notified its intent to claim due to change in legislation occurred due to Enhancement in Standard Rate of Sales Tax from 17% to 18%.					DHC letter - dated 25-Feb-2023 (Ref:000) Contractor's substantiation awaited.
7	KKH-02/C-07 Claim due to heavy rainfall and snow	On 16-02-2023, the Contractor submitted the notice to claim due to heavy rainfall and snow.					DHC letter - dated 06-Mar-2023 (Ref:052) Contractor's substantiation awaited.

APPENDIX H

Variation Status

Appendix H: Variations Status

<u>Status of Variation Orders for RAR-01</u>					
Sr. No.	VO Description and Number	Contractor proposal/ Engineer's Estimate	Value of Omitted/ Reduced Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Security Building	9,155,532		9,155,532	Not executed because Land Possession was not granted
2	VO-002: Installation of electric line and removal of existing poles & wire between K8+339 to K9+100 (dated 16-02-2017)	2,520,225	-	2,520,225	Signed Variation Order was issued on 17-Feb-2017. Work has been completed
3	VO-002A: Construction of Concrete Pavement at start point of DASU RAR-01 [Km 0+000 to Km 1 +590]	35,238,232	42,713,164	(7,474,932)	Signed Variation Order was issued on 17-May-2020. Work has been completed.
4	VO-003: Installation of new Water Supply line & removal of existing Water Supply Pipe Line between K0+000 to K1+590 (dated 01-03-2017)	2,360,764	-	2,360,764	Signed Variation Order was issued on 01-Mar-2017. Work has been completed.
5	VO-004: Concrete Class "A" Link Road 1,2,3 and FC Yard Road [F-RAR-01-EI-031]	7,096,734	-	7,096,734	Signed VO issued on 11-July-2020. Work Completed.
6	VO-005: Construction of Water channel to feed agriculture land	8,512,251		8,512,251	Signed VO issued on 08-May-2021.
7	VO-006: Construction of Mosque in SEO Village	4,143,986		4,143,986	Signed VO issued on 08-May-2021.
9	VO-007- Komila Bypass	1,077,568,049	1,240,702,760	(163,134,711)	Signed Variation Order (VO-007) was issued on 7th Nov 2021.
8	VO-008: Construction of Safety Barriers around Schools	5,339,122	-	5,339,122	Signed VO issued on 28-April-2022.
9	EI-009 Relocation of Existing Water Supply line between K2+400 to K3+600 (dated 30-05-2016)	1,292,582		1,292,582	Signed and Issued on 30-May-16
10	Construction of RCC Retaining Wall	57,415,037			Variation Order issued on Provisional rates on 31-Oct-2017
Total				(130,188,447)	

<u>Status of Issued Variations for KKH-01</u>					
Sr. No.	VO Description and Number	Contractor proposal/ Engineer's Estimate	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Security Building (dated 29-01-2017)	9,155,532	-	9,155,532	Superseded by VO-001R
	VO-001: Prefabricated Security Personnel Building (Uchar Camp)	11,987,906	-	11,987,906	Signed VO Issued on 24th June 2022
2	VO-002: Relocation of Explosive Magazine	6,972,310	-	6,972,310	Singed VO Issued on 25-3-2020
3	VO-003: Slope Stabilization at certain areas of Barseen, Kaigah and Khoshe Section	99,638,316	-	99,638,316	Variation Order signed on 7-Sep-2020
4	VO-004(R): Water Supply Scheme at Kuz Chuchang (K5+500).	663,964	-	663,964	Singed VO Issued on 02-06-2021
5	VO-005: Re-alignment - Tunnels, bridges and culverts	29.413 Billion	7.028 Billion	22,384,659,959	Singed VO Issued on 14-05-2022
6	VO-006: Construction of Safety Barriers around Schools	5,034,513	-	5,034,513	Singed VO Issued on 23-05-2022
7	VO-007: Mitigation Measures for Traffic Safety of Existing KKH	12,586,461	-	12,586,461	Singed VO Issued on 22-05-2022
8	VO-008: Improvement of khooshe Access Road	32,072,330		32,072,330	Singed VO Issued on 08-10-2022
9	VO-009: Relocation of Water Supply Facilities in Uchar Village Situated within ROW of the Spoil Dumping Site at Uchar	11,616,918 (p)	-	11,616,918	The Engineer issued the certified copy of variation order.
Total				22,574,388,209	

<u>Status of Issued Variations for KKH-02</u>					
Sr. No.	VO Description and Number	Contractor proposal/ Engineer's Estimate	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-01: Geological investigation of Bridges	44,295,245 (p)	9,904,619	34,390,626	VO issued on 21-02-2023
2	Proposed New Road Alignments With 4 Bridges and 8 Tunnels	29,966,599,000 (p)			Final design review with cost summary submitted via DHC/Dasu/WAPDA/KKH-02/OKK/22-026 dated 25-04-2022 and DHC/Dasu/WAPDA/KKH-02/ibr/22-011 dated 25-04-2022
3	KKH:02/VO-002A Gober Bridge (PC Single Box Girder)	751,420,293 (p)	432,186,875	319,233,418	Instructions Issued on 24 March 2023
4	KKH:02/VO-002B Summer Bridge (PC Single Box Girder)	1,292,735,563 (p)	976,186,375	316,549,188	Instructions Issued on 24 March 2023

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5	KKH-02/VO-002C Laachi Tunnel	806,185,215 (p)	484,105,777	322,079,438	Instructions Issued on 24 March 2023 The Engineer made submission to the Contractor of Variation No. KKH-02/VO-02C on 9 May 2023.
6	KKH-02/VO-002D Looter Bridge (Concrete Arch)	735,186,285 (p)	425,298,030	309,888,255	Instructions Issued on 24 March 2023
7	KKH-02/VO-002E Access Roads	321,410,413 (p)	0	321,410,413	Instructions Issued on 10 April 2023
8	VO-002F/T Construction of 7 Tunnels	11,793,348,285 (p)	1,794,604,013.00	12,893,589,601	Under Preparation
9	VO-002F/BI Construction of 2 PC Single Box Girder Bridges	2,101,893,220 (p)			Under Preparation
10	VO-002F/BI Construction of Concrete Arch Bridge	792,952,109 (p)			Under Preparation
Total				14,517,140,939	

Status of Issued Variations for TL-01

Sr. No.	VO Description and Number	Contractor's Proposal (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	CO-001: [Backfilling with concrete instead of filling with Borrow Material in the foundations of the 132 KV Towers]	62,328,200	-	62,328,200	The Employer Issued formal Change Order on 6-Dec-2019. Work is InProgress.
2	CO-002: Double Circuit 220kV type Towers with twin bundle "Rail" Conductor from NTDC's Tower no. JKD-5 to Keyal Khwar HPP instead of Single Circuit ZM type Tower with LYNX from Dubair Khwar HPS to Keyal Khwar	187,054,511	-	187,054,511	The Employer Issued formal Change Order on 3-July-2020.
3	CO-003: Procurement, Installation, Construction and Erection of Tower Types ED & EG.	40,978,335 (p)	25,651,753	15,326,582	Employer issued Pending Change Order on 14-7-2020. Final CO will be issued after finalization of Land matters.
4	CO-004: Procurement of Grid station connectors and hydraulic compression Engine with dyes	-	-	-	It was a negative Variation and the Employer intends to proceed for approval along with the approval of CO-003
5	CO-005: Providing and laying of random rubble masonry and backfilling of retaining wall located at the grid station	46,660,889	-	46,660,889	The Employer Issued formal Change Order on 26-April-2022.
Total				311,370,182	

Status of Issued Variations for MW-01

Sr. No.	VO Description and Number	Engineer Estimate (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001 : Varied Works of Construction Roads and Platform for Diversion Facilities [Excluding Price Adjustment amount]	967,498,672	-	967,498,672	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-031 dated 16th January 2022.
2	VO-002 : Varied Works for Work Adits of Diversion Facilities [Excluding Price Adjustment amount]	1,275,244,643	-	1,275,244,643	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-034 dated 16th January 2022.
3	VO-03 : Diversion Tunnel Variation [Excluding Price Adjustment amount]	19,804,974,224	9,285,141,634	10,519,832,590	Variations issued on DHC/Dasu/CGGC/MW-01/CAD/21-499 dated 23rd November 2021
4	VO-04A : Varied Works for the traffic Diversion utilizing the LB Flushing Tunnel [Excluding Price Adjustment amount]	1,010,201,407	-	1,010,201,407	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-030 dated 16th January 2022.
5	VO-04B : Operation and Maintenance of Traffic Diversion Tunnel	180,936,697	-	-	Under Preparation. The Engineer will issue RFP by 15-03-2023.
6	VO-05 : Land Lease for Contractor's Facilities at Purana Gao-Seo Area Phase -1	81,944,089	-	81,944,089	Variation Order signed and issued on 4-July-2020
7	VO-06 : For Provision of Power Supply to No.1 Crushing and Batching Plant	1,772,000,000	-	1,772,000,000	The Engineer made his determination and issued via DHC/Dasu/CGGC/MW-01/CAD/22-494 dated 26th Sep 2022.
8	Diversion Tunnel Gates and Hoists	3,500,000,000	-	-	Under Preparation (The Contractor sent the proposal on 2-01-2023)
9	VO-07 : Permanent Access Road LU2 and CR5-2 Roads	595,000,000	-	-	Under Preparation (The Contractor sent the proposal on 22-02-2023)
Total				15,626,721,401	

Status of Issued Variations for MW-02

Total Accepted Contract Amount (PKR)	64,426,426,087
P.S Amount (incl. 13.7, 13.8, 4.12, 7.5) in Contract (PKR)	8,330,000,000

Note: Variations resulting in an increase of the Accepted Contract Amount in excess of five percent (5%) shall require approval of the Employer. Ref 3.1 (b)(ii) Contract Data

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Sr. No.	VO Description and Number	Contractor's Proposal (Rs)/Engineer's Estimate (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO/001: Reinforcement of Main Access Tunnel Portal and Platform	660,190,000 (p)	71,130,000	589,060,000 (p)	The Contractor's proposal is PKR.218,905,467. The final assessment and draft VO document will be submitted in Feb-2023. Expected to be agreed or determined in Mar-2023.
2	VO/002: Tailrace Tunnel (Modification to Circular Tunnel)	6,553,000,000 (p)	4,486,000,000	2,067,000,000 (p)	The Engineer will issue RFP by the end of February 2023.
Total				2,656,060,000 (p)	

Status of Issued Variations for PCI-01R

Sr. No.	VO Description and Number	Contractor's Proposal/ Engineer's Estimate (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Providing and Applying Emulsified Bitumen 2kg/m ²	13,087,205	-	13,087,205	Signed VO issued on 14-09-2021
2	VO-002: Omission of Works related to Raw Water Tank and Slow Sand Filter		177,610,489	(177,610,489)	Signed VO issued on 06-10-2021
3	VO-003: Supply and Installation of 20mm uPVC pipe for A/C drainage	2,579,200	-	2,579,200	The Engineer issued his determination on 25-05-2022
4	VO-004: Supply, fabrication and Installation of window safety grill for project colony buildings	49,508,680	-	49,508,680	Signed VO issued on 14-09-2021
5	VO-005: Providing and installation of 20mm x 20mm metal lath of 18 Gauge in Plaster Works	10,259,865		10,259,865	Signed VO issued on 14-09-2021
6	VO-006: Supply, Installation & Commissioning of Overhead Water Tanks for Project Office & Residences Category-2 Buildings	3,229,430	-	3,229,430	The Engineer issued his determination on 25-05-2022
7	VO-007: Providing & Installation of geotextile on weep holes before the backfilling of retaining walls complete in all respect	371,670	-	371,670	Signed VO issued on 14-09-2021
8	VO-008: External Water Supply to Uchar Site-1	8,466,376	-	8,466,376	Signed VO issued on 14-09-2021
9	Water Supply from Indus River (1st Stage) From Intake to Treatment Plant (existing KKH-01)	88,176,234 (p)		88,176,234 (p)	The Contractor requested to consider the cost of treatment plant and pumps on Provision Sum basis, therefore, when he will submit the quotations, the VO will be finalized accordingly.
	Water Supply from Indus River (2nd Stage) (From existing KKH-01 to Colony Water Tank)	93,076,945 (p)	-	93,076,945 (p)	The rates for 2nd stage has been issued to the Contractor on 13th August 2021. For, pipe related items, the mutually agreed rates were issued to the Contractor on 29th Dec 2021. VO shall be issued after finalization of all rates.
10	VO-010: Modification of Power Cable Size at Project Colony	29,103,816	20,450,032	8,653,784	The Engineer on 01 March 2022 has issued a draft VO via letter DHC/Dasu/CGICOP/PCI-01R/CAD/22-059 to the Employer and to the Contractor for review and consent.
11	VO-011: Supply and Installation of False Ceiling (Gypsum Board) in Project Office Building. -False Ceiling of Plaster of Paris(Reduced Work)	4,374,000	4,564,382	(190,382)	Signed and issued on 19 July 2022
12	VO-012:Supply and Installation of Expansion Joint Filler and Backing Rod in Project Office, Community Centre, Hostel Cat-3 and Hospital Buildings	6,066,900		6,066,900	Signed and issued on 19 July 2022
13	VO-013 Omission of 08 Units of Category-4D and Adjacent Road (S-11)		150,991,700	(150,991,700)	Signed and issued to the Contractor on 20 June 2022
14	VO-014 Supply and Installation of False Ceiling Lights in Project Office Building	38,179,140	37,705,434	473,706	Signed and issued on 25 August 2022
15	VO-015 - Replacing Asphalt Surface with Concrete Surface for Main Road and Steep Gradient Roads of Project Colony	30,378,716	20,874,335	9,504,381	Signed and issued on 30th November 2022
16	VO-016 Supply and installation of MS Spiral Stairs in Residence Category-2	21,478,530		21,478,530	Agreed VO issued on 13th February 2023
17	VO-017: Replacing asphalt surface with concrete pavement for secondary roads of Project Colony	93,843,105	(51,766,271)	42,076,834	signed VO issued on 24-02-2023
18	VO-019: Slope Protection Works at Colony	69,223,320		69,223,320	signed VO issued on 17-03-2023
Total				97,440,488.78	

Status of Issued Variations for EM-01

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Appendix H [4/4]

Sr. No.	CO Description and Number	Contractor's Proposal (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	Delays to the execution of the works by other project contractors and subsequent impact on the interfacing and Coordination dates of EM-01 Contract				In order to synchronize the activities of the Contractor and the activities of the other project contractors the Time for Completion of the Coordination Events and the Sectional Completion Events shall be amended, to be calculated from the Effective Date i.e., February 01, 2021 . [DHC Letter 13-07-2020]

Status of Issued Variations for LBRV-11

Sr. No.	CO Description and Number	Contractor proposal/Engineer's Estimate	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Supply and Installation of uPVC Pipe Class-C for External Sewerage System	389,300	1,601,620	(1,212,320)	Signed VO issued on 2-06-2021
2	VO-002- Slope Protection at Uchar Site-1	36,269,633	-	36,269,633	Signed VO issued on 28-05-2022
3	VO-003- Slope Protection at Khoshe Site-1	117,010,745	-	117,010,745	Signed VO issued on 28-05-2022
3	VO-004: Omission of Sites i.e. Uchar-2, Logro-1, 2 and 3		502,659,938	(502,659,938)	VO will be issued after Employer's approval
Total				(350,591,880)	

Status of Issued Variations for LBRV-12

Sr. No.	CO Description and Number	Contractor proposal/Engineer's Estimate	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Slope protection Works at Nasirabad Sites	94,367,950	-	94,367,950	The Engineer has issued a draft Variation order to the Employer and Copy to the Contractor via ref. letter DHC/Dasu/WAPDA/LBRV-12/CAD/22-012 dated 26th February 2022.
	VO-002: Omission of Resettlement Sites Barseen-01, Kaigah-01 and Kaigah-02	715,099,577	715,099,577	(715,099,577)	The Engineer has issued a draft Variation order for approval on 9th sep 2022 via DHC/Dasu/ZEGL/LBRV-12/CAD/22-045
Total				(620,731,627)	

Status of Issued Variations for RV

Sr. No.	CO Description and Number	Contractor proposal/Engineer's Estimate	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001: Supply and Installation Of UPVC Pipe Class-C And PPR Pipes for External Water Supply System	11,711,950	16,436,640	(4,724,690)	Signed VO issued on 21-10-20
2	VO-002: Providing and Laying Uncoursed Rubble Stone masonry with Cement Sand mortar (1:4) at Dasu-RV	35,162,500 (p)	-	35,162,500 (p)	The Contractor submitted his proposal on 07-April-2020. Engineer evaluated the cost and submitted the variation order to Employer on 23-Oct-2020 for his review. Discussion with the stakeholders are going on to get the agreement between the parties on rates to avoid potential dispute. Provisional rates are applied for payment in IPC.
3	VO-003: Providing, Lowering, Laying, Jointing and Testing Mild Steel Pipe 25mm dia Including Specials	1,536,600	11,040,000	(9,503,400)	Signed VO issued on 01-02-21
4	VO-004: Providing and Fixing of 75mm GI Post for Boundary Fence at Shatial Museum Site	2,906,868	-	2,906,868	The Engineer has issued a variation order to the Employer and Copy to the Contractor for their consent via letter DHC/DASU/WAPDA/Dasu-RV/imt/21-047 dated 1st April 2021
	VO-005: Providing and lowering water supply GI pipe 100mm dia from Choochang Nullah to Main water tank of RV site	21,448,561		21,448,561	Signed VO issued on 24 February 2023
Total				10,127,338.85	

APPENDIX I

Contract Information

Appendix I: Contract Information

Sr. #	Contract ICB No.	Base Date	Opening of bid	Letter of Acceptance	Signing of Contract	Date of Commencement	Time for Completion (days)	Original Completion Date	Accepted Contract Amount	Accepted Contract Amount in USD	Accepted Contract Amount in USD	Revised Contract Amount USD	IPC Total Certified Amount (PKR)	% of Certified amount w.r.t ACA	1st EOT	2nd EOT	3rd EOT	Revised Completion Date	Remarks
Main Works Contracts																			
1	DASU-MW-01	13-Jun-16	11-Jul-16	29-Dec-16	08-Mar-17	23-Jun-17	2039	22-Jan-23	PKR 115,003,461,240	1,102,621,872	1,102,621,872	1,252,446,622	36,953,389,917	32.13%	1204	195	103	21-Nov-26	Work Inprogress, Approval awaited for EOT
2	DASU-MW-02	13-Jun-16	11-Jul-16	29-Dec-16	08-Mar-17	23-Jun-17	2069	21-Feb-23	PKR 64,426,426,087	617,703,031	617,703,031	643,168,611	12,346,715,445	19.16%	1213	105	103	01-Oct-26	Work Inprogress, Approval awaited for EOT
3	DASU-EM-01	31-Jan-18	28-Feb-18	22-Oct-19	25-Nov-19	20-May-20	1856	19-Jun-25	PKR 25,471,001,920	230,506,805	474,490,805	474,490,805	480,570,192		391			29-Mar-27	Work Inprogress, Approval awaited for EOT
									US\$ 243,984,000				26,255,955						
Paratory Works Contracts																			
1	DASU-KKH-01	15-Sep-14	13-Oct-14	09-Feb-15	16-Mar-15	24-Aug-15	546	20-Feb-17	PKR 14,538,852,307	144,334,878	144,334,878	368,442,773	13,259,032,302	91.20%	519	507		21-Jul-24	Work Inprogress. EOT Subject to Variation-005 time
2	DASU-RAR-01	15-Sep-14	13-Oct-14	09-Feb-15	16-Mar-15	24-Aug-15	364	22-Aug-16	PKR 2,713,972,595	26,943,042	26,943,042		2,299,874,251	84.74%	498	408	518	31-Aug-22	Work Inprogress. EOT underprocess. Subject to VO-007 Komila Bypass
3	DASU-TL-01	28-Aug-14	25-Sep-14	03-Mar-15	24-Apr-15	02-Nov-15	230	18-Jun-16	PKR 1,583,325,237	15,833,252	17,851,179		1,215,177,130	76.75%	488	427	514	17-May-20	Work Inprogress. Tentative revised date 1-11-2022 EOT underprocess.
4	DASU-PCI-01	02-Jun-15	30-Jun-15	26-Oct-15	17-Nov-15	02-May-16	728	30-Apr-18	PKR 4,806,000,000	47,210,216	47,210,216		961,199,971						Terminated
5	DASU-PCI-01R	25-Oct-17	22-Nov-17	27-Aug-18	18-Oct-18	20-May-19	728	17-May-21	PKR 4,900,000,009	46,423,496	46,423,496		3,134,050,521	63.96%	532			31-Oct-22	Work Inprogress EOT underprocess.
6	DASU-RV	05-Aug-15	02-Sep-15	17-Nov-15	15-Dec-15	15-Dec-15	546 120	13-Jun-17 13-Apr-16	PKR 571,953,818	5,618,407	5,618,407		114,390,751						Terminated
7	DASU-RV (Re-bid)	25-Oct-17	22-Nov-17	23-Apr-19	18-Jun-19	18-Jun-19	546 120	15-Dec-20 16-Oct-19	PKR 654,815,181	6,203,839	6,203,839		364,633,722	55.68%				16-May-22	Work Inprogress. EOT granted
8	DASU-KKH-02	29-Sep-15	27-Oct-15	27-Feb-17	25-Apr-17	15-May-22	728	12-May-24	PKR 16,264,917,100	155,727,101	155,727,101	\$ 294,720,264.63	3,984,863,148	24.50%					Notice of Commencement not issued yet
9	DASU-RAR-02	29-Sep-15	27-Oct-15	22-Jun-16	18-Jan-17	20-May-21	728	18-May-23	PKR 6,253,407,194	59,872,729	59,872,729		1,398,082,087	22.36%					Work Inprogress.
10	DASU-LBRV-11	21-Jul-16	18-Aug-16	27-Feb-17	20-Apr-17	26-Dec-18	364	25-Dec-19	PKR 1,120,509,415	10,687,172	10,687,172		628,908,650	56.13%	345			04-Dec-20	Work Inprogress. 2nd EOT underprocess.
11	DASU-LBRV-12	21-Jul-16	18-Aug-16	27-Feb-17	20-Apr-17	26-Dec-18	364	25-Dec-19	PKR 1,016,820,466	9,698,210	9,698,210		489,927,002	48.18%	318			07-Nov-20	Work Inprogress. 2nd EOT underprocess.
12	DASU-RBRV-11	21-Jul-16	18-Aug-16	27-Feb-17	25-Apr-17	To be Decided	364	Depend on Comencement	PKR 370,939,497	3,522,692	3,522,692		74,187,844	20.00%					Terminated

APPENDIX J

Contract Status of Guarantee and Insurance

Appendix J: Contract Status of Guarantee and Insurance

Sr. #	Contract ICB No.	Advance Guarantee		Performance Guarantee		Insurances				
		Amount	Expiry Date	Amount	Expiry Date	CAW (18.2)	CPM (18.2)	TPL (18.3)	WC (18,4)	Marine Cargo (Import/Inland)
1	DASU-MW-01	PKR 5,556,438,372.00 USD 56,988,569.00	18-Jun-2026	PKR 5,556,438,372.00 USD 56,988,569.00	22-Sep-2023	22-Jan-2023	22-Jan-2023	22-Jan-2023	15-Jul-2023	N/A
2	DASU-MW-02	PKR 3,326,067,613.00 USD 29,880,873.00	18-Jun-2026	PKR 3,326,067,613.00 USD 29,880,873.00	22-Oct-2023	22-Feb-2023	22-Feb-2023	22-Feb-2023	15-Jul-2023	N/A
3	DASU-KKH-01	USD 7,257,158.00 PKR 2,176,756,968.00	12-Sep-2023	PKR 1,453,885,230.70	21-Jul-2025	21-Jul-2024			31-Jul-2024	N/A
	VO # 05	USD 11,173,440.91 PKR 3,351,431,289.00	30-Jun-2024							
4	DASU-RAR-01	PKR 379,956,164.00 USD 1,616,583.00	31-Dec-2023	PKR 271,397,259.50	31-Dec-2023	30-Sep-2023			31-Aug-2023	N/A
5	DASU-TL-01	PKR 166,340,724.00 USD 338,582.75	5-Apr-2024	PKR 178,862,944.00	20-Feb-2024	29-Sep-2024			8-Apr-2023	29-Sep-2024
6	DASU-KKH-02	PKR 2,146,910,052.00 USD 10,590,008.00	30-Aug-2023	PKR 1,073,455,026.00 USD 5,295,004.00	20-Apr-2024	12-May-2024	12-May-2024	12-May-2024	15-Jul-2023	
7	DASU-RAR-02	PKR 833,528,863.00 USD 3,993,993.00	31-Mar-2024	PKR 625,340,719.00	30-Sep-2024	17-Aug-2023	17-Feb-2024	17-Aug-2023	15-Jul-2023	
8	DASU-LBRV-11	PKR 83,204,565.00 USD 1,343,848.00	23-Aug-2023	USD 671,924.00 PKR 41,602,282.00	2-Dec-2023	25-Jun-2023	25-Dec-2022	25-Jun-2023	10-Jun-2022	N/A
9	DASU-LBRV-12	PKR 75,233,228.00 USD 1,222,084.00	23-Aug-2023	USD 611,042.00 PKR 37,616,614.00	5-Nov-2023	25-Aug-2023	25-Dec-2022	25-Aug-2023	10-Aug-2022	N/A
11	Dasu-PCI-01R	PKR 726,119,002.00 USD 2,405,316.00	1-Apr-2024	PKR 363,059,501.00 USD 1,202,658.00	23-Feb-2024	19-May-2023	19-May-2023	19-May-2023	19-May-2023	N/A
12	Dasu-RV	PKR 107,474,520	30-Sep-2023	PKR 65,481,520	14-May-2024	14-Jun-2023	14-Jun-2023	14-Jun-2023	14-Jun-2023	N/A

Near to Expiry
Expired



Reminder Issued
Reminder to be issued



APPENDIX K

Summary of Daily Work Records of MW-01 & 02 and EM-01

Appendix K: Summary of Daily Work Records of MW-01 & MW-02

Daily Work Records of MW-01

April 2023 to May 2023

Date/Day Location	26 Wed.	27 Thu.	28 Fri.	29 Sat.	30 Sun.	1 Mon.
Diversion Tunnel-A Inlet (Outside)	Coffer dyke No activity 5:00-5:00Hrs	Coffer dyke No activity 5:00-5:00Hrs	Coffer dyke No activity 5:00-5:00Hrs	No work 07:00-07:00Hrs	No work 07:00-07:00Hrs	No work 07:00-07:00Hrs
DT-B Gate Tunnel slot area outside	No work 5:00-5:00Hrs	No work 5:00-5:00Hrs	No work 5:00-5:00Hrs	No work 07:00-07:00Hrs	No work 07:00-07:00Hrs	No work 07:00-07:00Hrs
Starter Dam	Cut off wall Drilling for piling 7:30Hrs-19:00Hrs Drilling for piling 19:30Hrs-7:00Hrs II-2=Block-09 Fixing of reinforcement and welding work 7:30Hrs-17:30Hrs III-1=Block-03 Fixing of formwork and welding work 7:30Hrs-17:00Hrs III-5=Block-08 Fixing of formwork and welding work 7:30Hrs-17:00Hrs Fixing of formwork and welding work 20:30Hrs-5:30Hrs II-1=Block-08 Fixing of formwork and welding work 20:30Hrs-5:30Hrs II-3=Block-09 Pouring of concrete 10:30Hrs-18:00Hrs Againn pouring of concrete 20:00Hrs-21:00Hrs (Qty 260m3) III-5=Block-01 Fixing of reinforcement and placing of geotextile sheet 20:00Hrs-5:30Hrs II-3=Block-10 Fixing of reinforcement and pvc pipe 20:00Hrs-5:30Hrs Right side Drilling for rockbolt 9:00Hrs-17:00Hrs Drilling for rockbolt 21:00Hrs-4:00Hrs	Cut off wall Drilling for piling 7:30Hrs-19:00Hrs Drilling for piling 19:30Hrs-7:00Hrs III-4=Block-01 Fixing of reinforcement and welding work 7:30Hrs-17:30Hrs III-5=Block-01 Fixing of reinforcement and welding work 7:30Hrs-17:00Hrs Fixing of reinforcement and welding work 20:30Hrs-5:00Hrs II-1=Block-03 Fixing of formwork and welding work 7:30Hrs-17:00Hrs I-2=Block-07 Pouring of concrete 15:40Hrs-18:30Hrs (Qty 100m3) Concrete stop due to treatment of cold joint 20:00Hrs-6:00Hrs II-1=Block-08 Pouring of concrete 23:10Hrs-6:00Hrs (Qty 305m3) Right side Grouting for rockbolt 23:20Hrs-3:30Hrs (40Pcs grouted) Grouting for anchor bar 3:50Hrs-4:40Hrs (5Pcs grouted)	Cut off wall Drilling for piling 7:30Hrs-19:00Hrs Drilling for piling 19:30Hrs-7:00Hrs II-3=Block-10 Fixing of reinforcement and welding work 7:30Hrs-17:30Hrs I-1=Block-10 Fixing of reinforcement and welding work 7:30Hrs-17:00Hrs Fixing of reinforcement and welding work 20:30Hrs-5:30Hrs III-1=Block-06 Fixing of formwork and welding work 7:30Hrs-17:00Hrs Phase-1 Slot-5 Pouring of concrete 15:10Hrs-3:15Hrs (Qty 293m3) I-2=Block-07 Pouring of concrete 00:00Hrs-5:46Hrs (Qty 340m3) III-5=Block-08 Pouring of concrete 5:50Hrs-7:00Hrs..... Right side Drilling for rockbolt 14:50Hrs-18:00Hrs	Cutoff wall Drilling for piling 08:30-17:30Hrs Drilling for piling 19:30-6:30Hrs III-5 Block # 08 Pouring of concrete 05:45-3:00Hrs (Qty 240m3) No work due to Dumper accident 3:00-7:00Hrs	Cutoff wall Drilling for piling 08:30-17:30Hrs Drilling for piling 19:30-6:30Hrs I-2 Block # 08 Pouring of concrete 07:40-14:20Hrs (Qty 341m3) I-2 Block 06 Fixing of form work 07:30-17:30Hrs Fixing of form work 20:30-5:30Hrs Right side Grouting for anchor bar 23:30Hrs-4:30Hrs (Qty 27pcs grouted)	Cutoff wall Drilling for piling 7:00-19:00Hrs Drilling for piling 19:00-7:00Hrs III-2 Block 10 Fixing of form work 7:00-18:00Hrs I-2 Block 09 Fixing of form work welding and reinforcement 19:30-6:00Hrs III-4 Block 08 Pouring of concrete start 16:30-22:50Hrs (Qty 150m3) II-1 Block 09 Pouring of concrete start 23:40-4:50Hrs (Qty 190m3) III-3 Block 10 Pouring of concrete star 4:30-7:00Hrs (Qty70m3)
Right Bank Diversion inlet	K0+172.5-2nd stage K0+025- L/W,R/W Additional drilling for blast 11:00Hrs-13:30Hrs Charging for blast 16:30Hrs-17:20Hrs Blast 17:45Hrs L/W K0+046- R/W K0+045.5- Survey for blast 20:40Hrs-21:00Hrs Drilling for blast 21:00Hrs-22:30Hrs Charging for blast 22:30Hrs-23:05 Blast 23:10Hrs Mucking and scaling 23:30Hrs-5:30Hrs	K0+172.5- L/W K0+049- R/W K0+0458- Drilling for blast 9:00Hrs-16:30Hrs Charging for blast 21:30Hrs-22:30Hrs Blast 23:00Hrs Mucking and scaling 23:30Hrs-5:30Hrs	K0+172.5- L/W K0+049- R/W K0+048- Mucking and scaling 9:30Hrs-17:00Hrs L/W K0+052- R/W K0+051.5- Drilling for blast 21:00Hrs-00:00Hrs Charging for blast 00:20Hrs-1:50Hrs Blast 2:00Hrs Mucking and scaling 3:00Hrs-5:00Hrs	Left & Right K0+51.5- Mucking and scaling 08:00-3:00Hrs No work due to Dumper accident 3:00-7:00Hrs	Drilling for blast 07:30-08:30 Charging 08:30-09:30 Blast 09:41Hrs Mucking and scaling 10:20-23:00Hrs No work 23:00-5:00Hrs	Left & Right K0+060- Mucking 9:30-14:30Hrs Drilling for blast 9:30-13:30Hrs Charging for blast 20:30-21:00Hrs Blast carried out 01:00Hrs (Explosive used 200kg) Ventilation 1:00-1:30Hrs Mucking and excavation 02:00-06:30Hrs
Right bank Diversion outlet	K0+524- 2nd stage Drilling for blast 9:00Hrs-16:30Hrs Charging for blast 16:30Hrs-17:10Hrs Blast 17:21Hrs Mucking and loading 20:30Hrs-5:30Hrs	K0+524- 2nd stage Mucking and loading 8:00Hrs-13:30Hrs K0+514- Drilling for blast 14:15Hrs-18:00Hrs Drilling for blast 20:40Hrs-5:00Hrs	K0+514- Drilling for blast 9:00Hrs-15:00Hrs Charging for blast 15:30Hrs-17:15Hrs Blast 17:33Hrs Mucking and scaling 20:00Hrs-5:00Hrs	K1+236- Mucking & scaling 08:15-17:30Hrs K1+236- Mucking & excavation and loading 19:30-3:00Hrs No work due to Dumper accident 3:00-7:00Hrs	K0+510- Drilling for blast 09:00-11:45Hrs Charging for blast 12:30Hrs-13:49Hrs Blast 13:56Hrs Mucking and excavation 14:50Hrs-5:30Hrs K0+516- L/W,R/W Drilling for blast 20:00Hrs-1:30Hrs Charging for blast 1:30Hrs-2:30Hrs Blast 2:35Hrs Mucking and scaling 3:10Hrs-5:30Hrs	Left and Right Wall K0+516- Mucking and excavation 10:45-19:00Hrs Mucking and loading 20:00-00:00Hrs Drilling for blast 00:00-3:50Hrs Charging for blast 3:50-5:30Hrs Blast carried out 5:40Hrs (Explosive used 175kg) Ventilation 5:40-6:00Hrs
Left Bank Traffic Tunnel (From Inlet)	K1+073-K1+076 Survey for blast 9:00Hrs-9:50Hrs Drilling for blast 14:00Hrs-16:05Hrs Charging for blast 16:15Hrs-17:00Hrs Blast 17:10Hrs Mucking and scaling 22:00Hrs-3:40Hrs Mapping Q value 0.66 3:40Hrs-4:10Hrs	K1+073-K1+076 Arrangement for 1st layer shotcrete 7:30Hrs-9:30Hrs Shotcrete stop jumbo have some problem 9:30Hrs-14:20Hrs Spraying 1st layer shotcrete 14:50Hrs-15:30Hrs (Qty 6m3) K1+036-1+055	K1+065-K1+076 Drilling for rockbolt 9:00Hrs-14:00Hrs Grouting for rockbolt 20:00Hrs-1:30Hrs (Qty 64pcs grouted) K1+076- Survey for blast 2:00Hrs-2:30Hrs Drilling for blast 4:30Hrs-6:00Hrs	K1+076 Drilling for blast 07:30-09:45Hrs Charging 09:45-10:25Hrs Blast 10:29 Mucking and scaling 12:00-17:00Hrs K1+078.9- Survey for blast 22:40-23:30Hrs Drilling for blast 1:00-5:00Hrs	K1+079- Mucking and excavation 08:00- K1+081.4- Survey for blast 22:30-23:00Hrs Drilling for blast 23:30- Charging for blast Blast K1+055- Fixing of wiremesh 21:00-5:00Hrs	K1+081.4- No work 7:00Hrs-13:50Hrs Mucking and scaling 13:50Hrs-17:00Hrs No work 17:00Hrs-22:00Hrs Scaling and invert leveling 22:00Hrs-23:00Hrs Geological mapping 23:15Hrs-23:55Hrs Q- Value 0.83

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Appendix K [2/30]

	Installation of thickness pin 4:10Hrs~4:30Hrs K1+045~ Fixing of wire mesh 8:00Hrs~17:00Hrs	Spraying 2nd layer shotcrete 15:30Hrs~18:30Hrs (Qty 16m3) Spraying 2nd layer shotcrete 23:10Hrs~4:00Hrs (Qty 38m3)		Charging for blast 5:30~7:00Hrs		1st layer shotcrete 00:30Hrs~1:15Hrs (Qty 8m3) K1+055~1+060 Fixing of wire mesh 19:30~6:30Hrs K1+084~ Survey for blast 2:00~2~40Hrs Drilling for blast 3:00~6:30Hrs
Left Bank Traffic Tunnel (From Outlet)	K1+242~ Mucking and scaling 8:00Hrs~15:30Hrs Arrangement for 1st layer shotcrete 16:00Hrs~16:30Hrs Spraying 1st layer shotcrete 16:30Hrs~17:00Hrs (Qty 6m3) Mapping Q value 0.66 17:00Hrs~17:30Hrs K1+239~ Survey for blast 21:00Hrs~21:30Hrs Drilling for blast 22:30Hrs~1:20Hrs Charging for blast 1:20Hrs~2:30Hrs Blast 2:42Hrs Mucking and scaling 3:10Hrs~6:00Hrs	K1+239~ Mucking and scaling 8:10Hrs~1:00Hrs Mapping Q value 0.66 14:00Hrs~14:30Hrs K1+236~ Survey for blast 15:00Hrs~15:30Hrs Drilling for blast 15:40Hrs~18:00Hrs Charging for blast 18:00Hrs~18:50Hrs Blast 19:30Hrs Mucking and scaling 20~ 00Hrs~1:30Hrs Mapping Q value 0.5 2:00Hrs~2:40Hrs	K1+265~ Fixing of wiremesh 8:00Hrs~17:00Hrs Fixing of wiremesh 20:00Hrs~5:30Hrs K1+236~ Spraying 1st layer shotcrete 14:00Hrs~14:50Hrs (Qty 6m3) Mapping Q value 0.5 15:00Hrs~15:30Hrs K1+236~1+260 Drilling for rockbolt 19:00Hrs~23:00Hrs	K1+242~1+232 Preparation for grouting 07:30~08:30 Grouting and installation of rock bolts 08:30~14:30 56 Pcs are installed K1+233.5~ Drilling for blast 19:30~20:00Hrs Charging for blast 20:00~00.15Hrs Blast carried out 00:20Hrs ventilation 00:20~00:30Hrs Mucking and scaling 00:30~3:00Hrs No work due to Dumper accident 3:00~7:00Hrs	K1+242~1+232 Fixing of wiremesh 08:00~11:00 K1+230.5~ Drilling for blast 21:00~ Charging for blast Blast	K1+242~1+232 Fixing of wire mesh 08:00Hrs~16:00Hrs No work 18:00Hrs~23:00Hrs K1+230.5~ Mucking and scaling 22:00Hrs~4:00Hrs No work 4:00~6:30Hrs
(Right Bank) Cable crane foundation	EL.1035~ Drilling for blast 7:30Hrs~15:00Hrs EL.1028~ Excavation 8:00Hrs~17:30Hrs	EL.1035~ Drilling for blast 8:00Hrs~15:00Hrs EL.1028~ Excavation 8:00Hrs~15:30Hrs	EL.1035~ Drilling for blast 8:00Hrs~15:00Hrs EL.1028~ Excavation 8:00Hrs~17:30Hrs	EL:1035~ Drilling for blast 08:00~15:00Hrs EL:1028~ Excavation with excavator 08:00~17:10Hrs Excavation with excavator 13:30~3:00Hrs No work due to Dumper accident 3:00~7:00Hrs	EL:1035~ Drilling for blast 23:00~	EL:1035~ Drilling for blast 8:00~15:00Hrs EL:1028~ Excavation 8:00Hrs~17:00Hrs
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	K0+117~ No work 7:00Hrs~6:00Hrs	K0+117~ No work 7:00Hrs~6:00Hrs	K0+117~ No work 7:00Hrs~6:00Hrs	No work 07:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs
Uchar (Day Work)	Temporary Causeway Pouring of concrete 12:00Hrs~17:00Hrs (Qty 64m3) Again pouring of concrete 22:30Hrs~3:00Hrs (Qty 56m3) (Total 120m3)	Temporary Causeway No work 7:00Hrs~6:00Hrs	Temporary Causeway No work 7:00Hrs~6:00Hrs	Preparation for pouring concrete 08:00~10:00Hrs Pouring of concrete 11:00~14:00Hrs	Excavation for making access to causeway 08:00~11:00Hrs Making gabion wall front of causeway 11:00~15:00 No work 23:00~07:00Hrs	Excavation for making access to causeway 08:00~11:00Hrs Making gabion wall front of causeway 11:00~15:00 No work 23:00~07:00Hrs
Siglo RCC Crush plant No. 2	No work 7:00~7:00Hrs	No work 7:00~7:00Hrs	No work 7:00~7:00Hrs	No work 07:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs
Siglo RCC Batching plant No. 2	No work 7:00~7:00Hrs	No work 7:00~7:00Hrs	No work 7:00~7:00Hrs	No work 07:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs
CR-5-2 / LU-2	El 1031~ Fixing of scaffolding 8:30Hrs~17:00Hrs Excavation and loading 7:30Hrs~17:00Hrs	El 1031~ Fixing of scaffolding 8:30Hrs~17:00Hrs Drilling for rockbolt 9:00Hrs~17:00Hrs	El 1031~ Fixing of scaffolding 8:00Hrs~17:00Hrs Drilling for rockbolt 8:00Hrs~17:00Hrs K0+380~0+398 Grouting for rockbolt 9:00Hrs~14:20Hrs (Qty 13pcs grouted)	EL:1050~ Drilling for rock bolts 08:00~17:00Hrs	EL:1050~ Drilling for rock bolts 08:00~ No work 23:00~07:00Hrs	EL:1050~ Drilling for rock bolts 08:00~17:00Hrs No work 23:00~07:00Hrs
Left Bank Cable Crane Foundation	El:1020~ No work 5:30Hrs~17:00Hrs	El:1020~ No work 5:30Hrs~17:00Hrs	El:1020~ No work 5:30Hrs~17:00Hrs	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs	No work 23:00~07:00Hrs
Adit 3-2 & Adit 1-2	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs	No work 07:00~07:00Hrs
	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs	No work 7:00~07:00Hrs

May 2023

Date/Day-Location	2 Tue.	3 Wed.	4 Thu.	5 Fri.	6 Sat.
Diversion Tunnel- A Inlet (Outside)	No work	No work	No work	No work	No work
DT-B Gate Tunnel slot area outside	No work	No work	No work	No work	No work
DT-B Inlet	Drilling for blast 7:30~15:00Hrs No work	Excavation and mucking 7:30~15:00Hrs	No work	Drilling for blast 15:00~17:30Hrs	Drilling for blast 11:00~17:30Hrs No work 19:30~6:30Hrs
Starter Dam	Cut off wall Percussion drilling 7:00~17:00Hrs Percussion drilling 19:30~6:30Hrs II-2 Block 10 Pouring of concrete 14:30Hrs~18:45Hrs (Qty 80m3) Again pouring of concrete 3:50Hrs~7:30Hrs (Qty 60m3) III-3 Block 10	Cut off wall Percussion drilling 7:00~17:00Hrs Percussion drilling 19:30~6:30Hrs II-3 Block 01, I-1 Block 01,I-2 Block 09, I-2 Block 05, I-2 Block 03 04, Fixing of Reinforcement, welding and formwork 5:30~17:30Hrs I-1 Block 10	Cut off wall Percussion drilling 7:00~09:00Hrs Percussion drilling 19:30~6:30Hrs II-2 Block 09 Pouring of concrete 12:20~21:55Hrs (Day 3003+Night 50m3)(Total 350m3) I-2 Block 02, I-2 Block 03, II-2 Block 10 Fixing of reinforcement and welding work 8:00~17:30Hrs Fixing of reinforcement and welding work 20:00~5:30Hrs	Cut off wall Percussion drilling 7:00~18:00Hrs Percussion drilling 19:30~6:00Hrs Phase-II Slot 6 Arrangement for pouring of concrete 8:00~15:00Hrs Pouring of concrete 15:10~1:20Hrs Qty= 319m3 I-2 Block 05 Pouring of concrete 10:15~16:55Hrs Qty=350m3	Cut off wall Percussion drilling 7:00~18:00Hrs Percussion drilling 19:30~6:00Hrs Pouring of concrete 7:00~12:15Hrs (Total 313m3) III-1 Block 09, Pouring of concrete 13:40~ 23:30Hrs (Total 340m3) III-1 Block 10 Pouring of concrete 23:00~00:00Hrs (Total 60m3) II-1 Block 10, I-2 Block 03, II-2 Block 2,

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	Pouring of concrete start 9:50-16:30hrs (Qty 240m3) I-2 Block 03 and 05 Fixing of reinforcement and welding 20:00Hrs-5:30Hrs	Fixing of Reinforcement, welding and formwork 19:30-5:30Hrs II-2 Block 10 Pouring of concrete start 8:50-15:30hrs (Qty 260m3) Phase I-2 Block 09 Pouring of concrete start 14:45-00:55Hrs (Qty330m3)		I-2 Block 04, I-2 Block 03, II-2 Block 2, III-1 Block 09, III-1 Block 10 Fixing of reinforcement and welding work & formwork fixing and oiling 8:00-18:00Hrs I-2 Block 02 Fixing of reinforcements 20:00-6:00Hrs I-1 Block 10 Pouring of concrete 2:17-7:00Hrs 160m3 Continue II-2 Block 10 Pouring of concrete 15:50-1:25Hrs Qty=240m3	Fixing of reinforcement, welding work, installation of formwork fixing and oiling 8:00-18:00Hrs I-2 Block 04 Fixing of reinforcement, welding work 19:30-6:30Hrs III-5 Block 1 Pouring of concrete 00:55-5:15Hrs (Qty 260m3)
Right Bank Diversion inlet	2nd lift Left & Right K0+060- Mucking and excavation 7:40-12:00Hrs Drilling for blast 14:00-16:00Hrs Charging for blast 17:00-18:00Hrs Blast carried out 18:15Hrs (Explosive Qty 125kg) Mucking and scaling 20:00Hrs-2:00Hrs	2nd lift Centre K0+080-0+87 Mucking 8:00-15:00Hrs Drilling for blast 14:00-16:00Hrs Installation of ventilation duct 8:00-15:00Hrs K0+087- K0+094 Drilling for blast 21:00Hrs-00:30Hrs Charging for blast 00:30Hrs-1:00Hrs blast 01:09Hrs (Explosive Qty 100kg) Excavation and mucking 01:30Hrs-06:30Hrs	K0+055-0+075 Installation of thickness pin 9:00-10:00Hrs K0+025-0+050 Installation of ventilation duct 8:50-10:00Hrs K0+040-0+082 Installation of wind pipe and duct 9:00-13:00Hrs Mucking and scaling 14:00-17:00Hrs K0+055-0+075 Left & Right wall Arrangement for 1st layer shotcrete 21:00-21:30Hrs Spraying 1st layer shotcrete 22:00-2:45Hrs 44m3 Scaling 3:20-4:40Hrs No work 4:40-7:00Hrs	K0+035-0+110 Installation of dewatering pipe 9:00-17:30Hrs K0+087- Excavation leveling 9:30-10:30Hrs 1st stage K0+174.5 Drilling for blast 21:00-4:00Hrs	1st stage K0+174.5- Charging for blast 9:20-10:55hrs Blast 11:00Hrs Mucking and scaling 12:00-18:00Hrs Mucking and scaling 20:00-22:00Hrs Mapping 22:30-23:00Hrs K0+177- Drilling for blast 23:00-2:30 Charging for blast 2:30-3:20Hrs Blast carried 3:30Hrs Mucking 4:00-6:30Hrs
Right bank Diversion outlet	2nd lift K0+495- Mucking 07:00-15:00Hrs Mucking and excavation 20:00-23:00Hrs Drilling for blast 23:30-00:50Hrs charging for blast 00:50-1:20Hrs Blast carried out 1:30Hrs Mucking 2:00Hrs-6:00Hrs	2nd lift K0+495-0+492 Mucking 9:00-15:30Hrs Drilling for additional blast 15:30Hrs-17:00Hrs Charging for blast 17:00Hrs-17:50Hrs Additional blast 18:00Hrs- Mucking and loading 21:00Hrs-00:00Hrs K0+492- Drilling for blast 00:30Hrs-3:30Hrs Charging for blast 3:30Hrs-5:30Hrs Blast 5:38Hrs (Explosive Qty 200kg)	2nd lift K0+492- Mucking and scaling 8:40-11:00Hrs K0+482- Drilling for blast 11:20-15:00Hrs Charging for blast 15:00-17:10Hrs Blast 17:20Hrs Mucking and scaling 17:50-19:00Hrs Mucking and scaling 20:00-00:00Hrs K0+476- Drilling for blast 00:30-3:00Hrs Charging for blast 3:00-3:30Hrs Blast 3:34Hrs Mucking and scaling 4:00-6:00Hrs	2nd lift K0+476- Mucking and scaling 7:30-17:30Hrs K0+475-0+472 Drilling for blast 21:00-23:30Hrs Charging for blast 23:30-1:20Hrs 100Kg Explosive Blast carried out 1:26Hrs Mucking and scaling 1:50-6:00Hrs	2nd lift K0+472-0+469 Drilling for blast 8:30-10:30Hrs Charging for blast 12:00-12:50Hrs Explosive used 250kg Blast 13:00Hrs Mucking and scaling 13:30-18:00 K0+225- Arrangement for 1st layer shotcrete 19:30-23:00Hrs No work due to Shotcrete jumbo is out of order 23:00-3:00Hrs Spraying of 1st layer shotcrete 3:00-6:00Hrs
Left Bank Traffic Tunnel (From Inlet)	K1+084 Drilling for blast 7:30-9:20Hrs No work 9:20-15:00Hrs K1+060- Fixing of wiremesh 9:00-17:30Hrs Fixing of wiremesh 20:00-05:00Hrs	K1+070- Fixing of wiremesh 19:30-23:40Hrs K1+084- Charging for blast 23:00-23:55Hrs Blast and ventilation 23:59-00:50Hrs Mucking and scaling 00:50-5:30Hrs	K1+070- Fixing of wiremesh 13:00-17:00Hrs K1+084-1+087 Mucking and scaling 08:00-11:00Hrs Geological mapping 13:00-13:30Hrs Survey for blast 13:40-14:10Hrs Drilling for blast 19:30-21:30Hrs Charging for blast 21:30-22:35Hrs Blast and ventilation 22:46-23:20Hrs Mucking and scaling 00:00-05:30Hrs	K1+070- Fixing of wiremesh 13:00-17:00Hrs K1+090.2 No work 7:00-8:40Hrs Geological mapping 8:40-9:00Hrs (Rock quality index 0.83) Survey and demarcation for blast 9:10-9:45Hrs Drilling for blast 11:30-15:30Hrs Charging and blast 15:30-16:50Hrs Mucking and scaling 19:30-23:40Hrs Geological mapping 00:00-00:30Hrs Q-Value 0.63 Installation of thickness pins 00:30Hrs-1:20Hrs First layer shotcrete 2:00Hrs-2:45Hrs K1+055-K1+070 2nd layer shotcrete 2:45Hrs-6:00Hrs	K1+076-1+092.5 No work 7:00-11:00Hrs Demarcation for rockbolts 11:00-11:45Hrs Drilling for rockbolts 11:45-15:30Hrs Arrangements for grouting 15:30-16:30Hrs Grouting and installation of rock bolts 16:30-17:30Hrs (22 Nos grouted) Grouting and installation of rock bolts 20:00-1:20Hrs (60 pcs grouted) K1+092.5 Survey for blast 2:00Hrs-2:30Hrs K1+080- Fixing of wiremesh 2:30Hrs-5:30Hrs
Left Bank Traffic Tunnel (From Outlet)	K1+230- K1+228 Scaling 7:30-8:10Hrs No work 8:30-15:00Hrs K1+227 Geological mapping 8:30-9:10Hrs Q=0.67 K1+309- K1+291 Remedial shotcrete on steel arches 11:00-15:00Hrs K1+290- K1+245 Arrangement for 2nd layer shotcrete 22:00-23:00Hrs Spraying 2nd layer shotcrete 23:00-5:30Hrs (Qty 40m3)	K1+230- K1+227 Scaling 7:30-8:10Hrs No work 8:30-15:00Hrs K1+227 Geological mapping 8:30-9:10Hrs Q=0.67 K1+309- K1+291 Remedial shotcrete on steel arches 11:00-15:00Hrs K1+227- Charging for blast 23:00-00:42Hrs Blast and ventilation 00:36-01:30Hrs Mucking and scaling 1:30-6:30Hrs	K1+225.5- Scaling 8:00-10:00Hrs Geological mapping 10:00-10:30Hrs (Quality index 0.5) Drilling for blast 13:00-15:30Hrs Charging for blast 15:40-17:00Hrs Blast and ventilation 17:07-17:50Hrs K1+222.5- Mucking and scaling 19:3-0030hrs Geological mapping 00:50-1:20Hrs (Quality index 0.62) Arrangement for 1st layer shotcrete 2:30-3:10Hrs Spraying 1st layer shotcrete 3:10-5:00Hrs 8m3	K1+245-1+225 Arrangement for drilling 7:30-9:00Hrs Drilling for rockbolts 9:00-15:00Hrs Survey for blast 21:00-21:30Hrs K1+223- Drilling for blast 22:00-1:20Hrs Charging 2:00-3:45Hrs Blast and ventilation 3:50-4:20Hrs Mucking and scaling 4:30-5:30Hrs	K1+221- Charging for blast 7:30-9:00Hrs Blast carried out 16:55Hrs Mucking and scaling 19:30-23:00Hrs Mapping Q value 0.83 23:00-23:30Hrs K1+219- Survey for blast 00:00Hrs-00:30Hrs Drilling for blast 1:30Hrs-5:00Hrs Charging for blast 5:30Hrs-6:30Hrs
(Right Bank) Cable crane foundation	EL.1035- Charging for blast 8:00-11:10Hrs Blast 12:00Hrs EL.1028- Excavation 8:00-17:30Hrs	EL.1035- Excavation work is in progress 08:00Hrs-17:40Hrs Excavation work is in progress 19:30Hrs-06:00Hrs	EL.1035- EL.1028- Excavation work is in progress 8:00-17:40Hrs Excavation work is in progress 23:30-5:00Hrs	EL.1035- EL.1028- Excavation work is in progress 8:00-17:40Hrs Excavation 20:00-5:00Hrs	No work
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	K0+111-0+117 Excavation 7:00-13:30Hrs	K0+111-0+117 No work	No work	No work	No work

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Uchar (Day Work)	Temporary Causeway Making gabion wall front of causeway 8:00-15:00	Temporary Causeway No work	Temporary Causeway No work	Temporary Causeway No work by CGGC	Temporary Causeway No work by CGGC
Siglo RCC Crush plant No. 2	No work	No work	No work	No work	No work
Siglo RCC Batching plant No. 2	No work	No work	No work	No work	Mucking and excavation 23:00-5:30Hrs
CR-5-2 / LU-2	No work	No work	No work	No work	No work
Left Bank Cable Crane Foundation	EI 1032-1041 Drilling for rockbolts 8:00-15:00Hrs EI:1020- Excavation 9:00-15:00Hrs	EI 1032-1041 Drilling for rockbolts 8:00-15:00Hrs No work 19:30Hrs-07:00Hrs	EI 1031- Excavation and mucking 8:00-17:00Hrs No work 19:30-07:00Hr	EL 1041-1051 Fixing of scaffolding 8:00Hrs-17:00Hrs EI 1031-1021 Mucking and excavation 8:00Hrs-17:00Hrs	EI 1041-1051 Fixing of scaffolding 8:30-17:00Hrs EL 1031-1021 Mucking and excavation 8:00-17:00Hrs
Siglo Nalluh Day Work Order	No work	No work	No work	No work	
	Date/Day	7 Sun.	8 Mon.	9 Tue.	10 Wed.
	Location				
Diversion Tunnel-A Inlet (Outside)	No work	No work	No work	Drilling for blast 14:00Hrs-16:00Hrs 8 holes drilled Making access for DT-A top slab 14:30Hrs-17:30Hrs	Making access for DT-A top slab 08:40Hrs-10:15Hrs Drilling for blast 10:30Hrs-15:00Hrs Charging for blast 15:10Hrs-15:50Hrs Blast 17:48Hrs Explosive used 113Kg Total holes 7
DT-B Gate Tunnel slot area outside	No work	No work	No work	No work	No work
DT-B Inlet & Outlet	Drilling for blast 8:20-12:00Hrs No work 12:30-19:00Hrs No work 19:30-07:00Hrs	Drilling for blast 8:20-12:00Hrs No work 12:30-19:00Hrs	Charging for blast 8:30-11:00Hrs 260Kg explosive used total holes nos 17 Blast carried out 11:40Hrs Excavation 15:00Hrs-17:30Hrs	No work	No work
Starter Dam	Cut off wall Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00Hrs III-3 Block 2, II-2 Block 02, I-1 Block 4, I-1 Block 03, I-1-Block 2 Fixing of reinforcement 7:00-18:00Hrs III-3 Block 03 pouring of concrete 7:00-14:20Hrs (260m3) III-4 Block 1 Pouring of concrete 10:40-18:30Hrs (230m3) III-1 Block 03 Pouring of concrete 00:30-7:00Hrs Continue 192m3	Cut off wall Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00Hrs II-1 Block 10, I-2 Block 03, II-2 Block 2, 8:00-18:00Hrs III-I Block 03 Pouring of concrete 7:00-12:47Hrs Qty =271m3 II-3 Block 10-1 Pouring of concrete 12:30-16:00Hrs Qty=220m3 I-1 Block 10-1 Pouring of concrete 16:10-03:30Hrs 330m3 I-2Block 04 Poring of concrete 03:30Hrs-07:00Hrs continue Installation of formwork and fixing of steel at different blocks 19:30Hrs-05:30Hrs	Cut off wall Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00Hrs I-2 Block 10, I-2 Block 10-1, I-3 Block 10-2, I-2 Block 10 Fixing of reinforcement and formwork 7:00Hrs- 18:00Hrs Fixing of reinforcement and formwork 19:30Hrs-5:30Hrs I-2 Block 04 Pouring of concrete 7:00Hrs-13:40Hrs Total Qty 300m3 I-2 Block 03 Pouring of concrete 13:50Hrs-21:30Hrs 320m3 I-2 Block 10 Pouring of concrete 21:30Hrs-5:20Hrs Total quantity 310m3	Construction of ceremonial platform of river closure area 7:30-17:30Hrs Cut off wall Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00hrs I-2 Block 02 Pouring of concrete 9:00Hrs-17:30Hrs (Qty 355m3) Surface finishing 19:30-23:00Hrs I-2 Block 10-1 Pouring of concrete 17:40-2:00Hrs Quantity 320m3 3-3 Block 2 Pouring of concrete 1:00-7:00Hrs Continue 3-2 Block 2 Arrangement for pouring concrete 20:00-5:00Hrs	Construction of ceremonial platform of river closure area 7:30-17:30Hrs Cut off wall Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00hrs Phase 1 slot 9 Pouring of concrete 12:30-18:00Hrs (Qty 170m3) 3-2 Block 02 Pouring of concrete 10:00Hrs-18:00Hrs (Qty 335m3) Surface finishing 19:30-23:00Hrs 3-3 Block 2 Pouring of concrete 7:00-10:00Hrs Quantity 340m3 3-1 Block 6 2nd stage Pouring of concrete 21:00-07:30 Continue
Right Bank Diversion inlet	1st stage K0+177- Blast 7:55Hrs Mucking and scaling 8:30-17:30Hrs K0+181.5 Geological mapping 14:30-15:00Hrs Survey for blast 15:10-16:00Hrs Drilling for blast 20:45-22:30Hrs Charging for blast 22:30-23:35Hrs Blast don 23:42Hrs Excavation and mucking 00:10-5:30Hr	1st stage K0+169-0+184- Arrangement for first layer shotcrete 7:00-8:30Hrs Spraying 1st layer of shotcrete 13:00-15:00Hrs No work 15:00-18:00Hrs K0+185- Arrangement of drilling or blast 19:00Hrs-20:10Hrs Drilling for blast 20:10Hrs-00:50Hrs Charging for blast 01:30Hrs-03:10Hrs Blast and ventilation 03:15Hrs-04:15Hrs Mucking and scaling 04:15Hrs-06:30Hrs	1st stage K0+185- Mucking and scaling 7:00Hrs-15:00Hrs K0+188- Mapping 15:00Hrs-15:45Hrs Handle drilling for blast 16:45Hrs-18:45Hrs Drilling for blast 19:30Hrs-20:30Hrs Charging for blast 21:00Hrs-22:30Hrs Blast and ventilation 22:40-23:00Hrs Mucking and scaling 23:00-5:00Hrs	1st stage K0+192- Electricity breakdown 7:00:10:00Hrs Mucking and scaling 10:00-14:00Hrs K0+192- Drilling for blast 20:00-22:30Hrs K0+188-0+192 Arrangement for 1st layer of shotcrete 23:00-2:00Hrs 1st layer of shotcrete 2:00-5:00Hrs 16m3	1st stage K0+160-K0+191 Survey and demarcation for rockbolt 8:00-9:00Hrs Drilling for rockbolt 9:00-17:00Hrs Drilling for rockbolt 19:00-23:30Hrs K0+192- Charging for blast 23:05-2:15Hrs Blast and ventilation 2:20-2:45Hrs Mucking 3:00-6:00Hrs
Right bank Diversion outlet	2nd lift K0+510-0+480 1st layer shotcrete sprayed 10:20-12:40Hrs 14.4m3 K0+480- Drilling for blast 2:30-18:30Hrs Charging for blast 4:45-5:50Hrs Explosive used 125kg Blast 6:00Hrs NO Work 6:00-7:00Hrs	2nd lift K0+480- Excavation and mucking 7:00-11:20Hrs Installation of ventilation duct 9:00-16:00Hrs Installation of water pipe 21:15Hrs-05:30Hrs Survey for blast 05:00Hrs-05:30Hrs K0+409.0 Arrangement for drilling blast 05:30Hrs-07:00Hrs	K0+409- Drilling for blast 9:00-15:00 Installation of ventilation pipe 15:30Hrs-16:40Hrs Charging for blast 19:30Hrs-21:30Hrs Blast and ventilation 21:25-22:30Hrs Mucking 22:30Hrs-5:30Hrs	K0+409- Electricity breakdown 7:00:10:00Hrs Mucking 10:30-14:00Hrs K0+409-405.5 Arrangement for 1st layer shotcrete 14:00-16:45Hrs Spraying 1st layer shotcrete 16:50-18:00Hrs (Qty12m3) Demarcation for drilling rockbolt 20:00-21:45Hrs Drilling for rock bolt 22:30-6:00Hrs	K0+421-K0+406 Arrangement for grouting of rockbolts 7:30-8:30Hrs Grouting for rockbolts 8:30-18:30Hrs Drilling for rockbolt 21:30-23:00Hrs No work due to drill jumbo break down 23:00-6:00Hrs
Left Bank Traffic Tunnel (From Inlet)	K1+075- No work 7:00-8:00Hrs Fixing of wiremesh 8:00-12:00Hrs (03 pcs installed) K1+092.6	K1+055-0+1070 Spraying 2nd layer of shotcrete 8:00-9:50Hrs K1+095-1+097.5 Mapping 8:30-9:10Hrs Qv=0.83	K1+097.3- Survey for blast 9:00-9:30Hrs Drilling for blast 11:00-14:45Hrs Charging for blast 15:00Hrs-16:40Hrs Blast and ventilation 16:45Hrs-17:30Hrs	K1+100- Blast and ventilation 9:30-10:00Hrs Mucking and scaling 10:00-17:30Hrs Mapping 17:30-18:00Hrs K1+097-K1+102.5	K1+102.5- Drilling for blast 7:30-8:30Hrs Charging for blast 8:30-10:00Hrs Blast and ventilation 10:10-11:00Hrs Mucking and scaling 11:00Hrs-18:00Hrs

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	No work 7:00-9:30Hrs Drilling for blast 9:30-11:30Hrs Charging 12:30-14:20Hrs Blast 14:30Hrs Mucking and scaling 15:00Hrs-5:30Hrs K1+055-K1+070 Sprayed 2nd layer shotcrete 2:30-700Hrs(40m3) K1+095 ~ Survey for blast 22:00-22:50Hrs Geological mapping not don due to progress is pending 22:50-7:00Hrs	Drilling for blast 11:00-17:00Hrs Charging for blast 17:10-18:20Hrs 225kg explosive used Blast 18:30Hrs Mucking and scaling 19:30Hrs-02:50Hrs Mapping 03:10Hrs-03:45Hrs Arrangement for 1st layer shotcrete 03:45Hrs-04:10Hrs 1st Layer shotcrete 04:15Hrs-05:00Hrs 8m3 K1+070- Fixing of wiremesh 12:30-17:00Hrs	Mucking 19:30Hrs-23:45Hrs Mapping Q value=0.67 Survey for blast 00:30-1:10Hrs Drilling for blast 1:30-5:30Hrs Charging for blast 5:40-6:00Hrs Blast and ventilation 6:10-6:40Hrs K1+050-1+070 Extension of ventilation 7:30-13:30Hrs	Arrangement for 1st layer shotcrete 19:30-21:30Hrs Spraying 1st layer shotcrete 21:30-22:00Hrs (Qty 8m3) K1+102.5- Survey and demarcation for drilling blast 22:00-23:00Hrs Drilling for blast 23:00-6:00Hrs K1+075- Fixing of wiremesh 00:00-5:00Hrs	Mucking and scaling 20:00-22:45Hrs Geological mapping 23:00-23:30Hrs Survey for blast 00:00-00:30Hrs K1+105.5 Drilling for blast 1:00-5:30Hrs
Left Bank Traffic Tunnel (From Outlet)	K1+221- Charging and blasting 7:30-8:30Hrs Mucking and scaling 9:00-17:30Hrs Geological mapping 23:10-23:35Hrs K1+221-1+219 Applied 1st layer of shotcrete 23:40-00:30Hrs (8m3) K1+219- Survey for blast 1:00-1:30Hrs Drilling for blast 2:30-5:30Hrs	K1+219- Mucking and scaling 08:00Hrs-17:30Hrs K1+219- Mapping 19:30Hrs-20:10Hrs Spraying 1st layer shotcrete 22:20Hrs-23:30Hrs 6m3 survey for blast 23:30Hrs-00:00Hrs K1+216- Drilling for blast 00:30Hrs-03:50Hrs Charging for blast 04:15Hrs-05:50Hrs Blast and ventilation 06:00Hrs-06:30Hrs	K1+225- Arrangements for grouting 7:30-10:00Hrs Grouting and installation of rock bolts 10:00-15:30Hrs 54pcs grouted Survey for blast 16:30Hrs-17:00Hrs K1+217.5 Drilling for blast 18:00Hrs-19:00Hrs Drilling for blast 19:00Hrs-22:00Hrs Charging for blast 22:00Hrs-23:10Hrs Blast and ventilation 23:15-23:45Hrs Mucking and scaling 23:45-5:00Hrs	K1+212- Mapping 8:00-8:30Hrs Drilling for blast 9:00Hrs-13:00Hrs Charging for blast 13:30-14:50Hrs Blast and ventilation 15:00-15:30Hrs (Explosive used 225kg) Mucking 15:30-19:00Hrs Mucking and scaling 20:30-00:10Hrs K1+209- Geological mapping Q value=1.17 00:40-1:00Hrs Survey for blast 4:20-5:00Hrs Arrangement for 1st layer of shotcrete 1:00-3:00Hrs 1st layer of shotcrete not spraying due to shortage of resources K1+209- Fixing of wiremesh 3:30-5-30	K1+209- Arrangement for 1st layer shotcrete 8:00Hrs-8:30Hrs 1st layer shotcrete 11:20Hrs-12:10Hrs Survey for blast 12:00Hrs-12:30Hrs Drilling for blast 15:15Hrs-18:00 charging for blast 18:00Hrs-19:00Hrs blast and ventilation 19:10Hrs-20:30Hrs Mucking and scaling 20:30-01:30Hrs Mapping 02:00Hrs-02:30Hrs Arrangement for 1st layer shotcrete 03:30Hrs-04:10Hrs 1st layer shotcrete 04:10Hrs-04:45Hrs 7m3 Survey for blast 05:30Hrs-06:00Hrs
(Right Bank) Cable crane foundation	EL.1035- 8:00-17:40Hrs 20:00-5:00Hrs EL.1025- Charging for blast 8:10-10:50Hrs Blast 11:30Hrs Excavation 12:00Hrs-17:30Hrs Excavation 19:30Hrs-04:30Hrs	EL.1025- Excavation 8:00Hrs-17:40Hrs Excavation 19:30Hrs-04:30Hrs	EL.1025- Excavation 8:00Hrs-17:40Hrs Drilling for blast 19:30Hrs- Excavation 20:30Hrs-3:00Hrs	EL. 1025- Charging for blast 09:00Hrs-12:00Hrs Blast 12:28Hrs Excavation 8:00-17:30Hrs Excavation 20:00-05:30Hrs	EL. 1025- Excavation 9:00-18:30Hrs Excavation 19:00-4:30Hrs
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	No work	No work	No work	No work	No work
Uchar (Day Work)	Temporary Causeway No work by CGGC	Temporary Causeway No work by CGGC	No work	No work	No work
Siglo RCC Crush plant No. 2	Cleaning work is in progress 07:30Hrs-17:30Hrs	Cleaning work is in progress 07:30Hrs-17:30Hrs	No work Work stopped by the local people	No work Work stopped by the local people	No work Work stopped by the local people
Siglo RCC Batching plant No. 2	No work 07:30Hrs-07:00Hrs	No work due to local villagers stopped work	Demolishing of houses at siglo batching plant area08:00-12:00Hrs No work 12:00Hrs-19:30Hrs No work 19:30Hrs-7:00Hrs	Demolishing of houses at siglo batching plant area 9:30-15:00Hrs No work 15:30-19:30Hrs No work 19:30- No work 19:30-	Demolishing of houses at siglo batching plant area7:30-13:30Hrs No work 13:30Hrs-19:30Hrs 19:30Hrs-
CR-5-2 / LU-2	El. 1041-1051 Drilling for rockbolts 8:00Hrs-15:00Hrs Fixing of scaffolding 8:00Hrs-15:00Hrs El. 1031-1021 Excavation 8:00Hrs-17:00Hrs No work 19:30Hrs-07:00Hrs	El. 1041-1031 Drilling for rockbolts 8:00Hrs-17:00Hrs Fixing of scaffolding 8:00Hrs-17:00Hrs No work 19:30Hrs-07:00Hrs	El. 1041-1031 Drilling for rock bolts 09:30Hrs-17:30Hrs No work 19:30-7:00Hrs	El. 1041-1031 09:30Hrs-17:30Hrs El. 1041-1051 Grouting and installation of rock bolts 13:50-16:30Hrs (10 Pieces are grouted) No work 19:30-7:00Hrs	El. 1041-1031 09:30Hrs-17:30Hrs El. 1041-1051 Drilling for rock bolts 08:30Hrs-17:00Hrs No work 19:30-7:00Hrs
Left Bank Cable Crane Foundation	No work	No work	No work	No work	No work
Siglo Nalluh	No work	Excavation of debris 7:00-17:30Hrs	Excavation of debris 7:00-17:30Hrs	Excavation of debris 7:00-17:30Hrs No work 19:30-7:00Hrs	
Kass area Daywork	No work	No work	Demolishing of houses 8:00-13:30Hrs Check post masonry 7:30-15:00Hrs No work 15:00Hrs-19:30Hrs No work 19:30Hrs-7:00Hrs		Check post masonry 7:30-15:00Hrs No work 19:30-7:00Hrs
Date/Day Location	12 Fri.	13 Sat.	14 Sun.	15 Mon.	16 Tue.
Diversion Tunnel-A Inlet (Outside)	Drilling for blast 12:30Hrs-17:30Hrs 8 holes drilled	Charging for blast 8:00Hrs-11:30Hrs 14 holes 145Kg Explosive used Blast carried out 12:35Hrs Excavation 14:00Hrs-17:00Hrs Charging for shallow holes blasting 23:00Hrs-00:00Hrs 110Kg explosive used Blast 00:20Hrs	Excavation and loading 8:00-15:00hrs Mucking and dumping in Adit -1 for back filling 16:00-17:00Hrs No work 17:00-07:00Hrs	Dumping in Adit -1 for back filling 8:00-17:30Hrs Excavation and loading 07:30Hrs-17:30Hrs Drilling for blasting 15:00Hrs-17:30Hrs Excavation and loading20:30Hrs-	Dumping in Adit -1 for back filling 8:00-15:30Hrs Charging for bolder blast 15:00-17:00-15:00Hrs Blast 17:30Hrs (Used Explosive 25kg) Excavation and loading 19:30Hrs-03:00 Hrs
DT-A Gate slot area outside	No work	No work	No work	No work	No work
DT-B Inlet	No work	No work	No work	No work	No work
Starter Dam	Cut off wall	Cut off wall	Cut off wall	Cut off wall	Cut off wall

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	<p>Percussion drilling 7:00-18:00Hrs Percussion drilling 19:00-6:00Hrs 1-3 Block 10-1 Pouring of concrete 1:40-10:45Hrs (QTY 320m3) 3-1 Block 6 2nd stage Pouring of concrete 7:00Hrs-11:00Hrs (Qty 276m3) III-1 Block 02 III-1 Block 01 Pouring of concrete 15:30-01:00Hrs 400m3 Fixing of reinforcement for 2nd stage blocks 19:30Hrs-5:30Hrs Dumping and making access 19:30-5:00Hrs</p>	<p>Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00Hrs 1-3 Block 10-2 Pouring of concrete 10:50Hrs-14:20Hrs (Qty 60m3) Surface finishing 19:30Hrs-20:15Hrs 1-3 Block 10 Removing of formwork 19:30Hrs-3:00Hrs III-1 Block 09 III-1 Block 10 Fixing of reinforcement for 2nd stage blocks 07:30Hrs-17:30Hrs Fixing of formwork 19:30Hrs-22:15Hrs III-1 Block 09 Pouring of concrete allow at 22:30Hrs III-1 Block 10 Pouring of concrete allow at 22:30Hrs Left bank side Drilling for anchor bars 12:30Hrs-18:00Hrs Drilling for anchor bars 19:30Hrs-5:20 Excavation and levelling 19:30Hrs-4:45 Grouting for rock dowel start time 23:30Hrs-00:20Hrs Total pcs =15</p>	<p>Percussion drilling 7:00-18:00Hrs Percussion drilling 19:30-6:00Hrs III-1 Block 09 III-1 Block 10 Pouring of concrete 8:50-19:30Hrs continue 215.5m3 day shift Pouring of concrete 19:30-00:45Hrs Total quantity 313.5m3 Excavation at slope area and levelling 19:30-22:00Hrs Laying of geotextile sheet 22:00-23:30Hrs Fixing of reinforcement 22:30-5:30Hrs 1-3 Block 09 Arrangement for pouring of concrete 21:00-1:00Hrs Pouring of concrete 1:10-Left bank side Arrangement for grouting 23:00-23:30 Grouting for rock bolts 23:00-1:00Hrs 26 No's Grouted</p>	<p>Percussion drilling 7:00-19:30Hrs Percussion drilling 19:30-Block 09 I-3 Block 08, I-3 Block 02 Fixing of reinforcement and welding 7:00Hrs-17:30 Fixing of reinforcement and welding 19:30-23:00Hrs III-1 Block 07 2nd Stage Installation of formwork and welding work 7:00-18:00Hrs Arrangement for pouring of concrete 19:30-22:00Hrs Pouring of concrete start at 22:16-7:00Hrs Continue III-3 block 3 welding and fixing of reinforcement 7:00Hrs-18:00Hrs welding and fixing of reinforcement 19:30-5:00Hrs I-4 block 10-2 & 10-1 Arrangement for pouring 7:00-9:30Hrs Pouring of concrete 9:30Hrs-23:00Hrs (Qty 371m3)</p>
Right Bank Diversion inlet	<p>1st stage K0+194.80- Mucking and scaling 8:50Hrs-11:30Hrs Hand drilling for blast 15:40Hrs-18:00Hrs Charging for blast 19:30Hrs-21:05Hrs Blast and ventilation 21:15Hrs-22:10Hrs Mucking and scaling 22:10-1:00Hrs Charging for additional blast 20:00-21:00Hrs Blast and ventilation 21:05-21:30Hrs Mucking and scaling 21:45-1:30Hrs K0+195- Mapping Q value 1.45 Survey for blast 2:15-2:45Hrs Drilling for blast 3:00-6:30Hrs</p>	<p>1st stage K0+195- Drilling for blast 7:30-9:30Hrs Charging for blast 10:00-11:00Hrs Blast and ventilation 11:10-12:40Hrs Mucking and scaling 13:00-18:00Hrs Mucking and scaling 19:30Hrs-21:00Hrs K0+198- Geological mapping 21:10Hrs-21:30Hrs Survey for blast 21:45Hrs-22:30Hrs Drilling for blast 3:00-4:30Hrs</p>	<p>1st stage K0+198- Mucking and scaling 7:30-16:45Hrs Geological mapping 17:00-17:30Hrs Survey for blast 19:45-20:30Hrs K0+160-0+191 Right wall and left wall Arrangement for grouting 19:30-22:00Hrs Grouting and installation of rock bolts 22:30-1:30Hrs 50 No's Grouted K0+200- Drilling for blasting 20:45-2:10Hrs Charging for blast 2:30-4:20Hrs Blast and ventilation 4:30-5:00Hrs</p>	<p>1st stage K0+200- Mucking and scaling 7:30-14:30Hrs Mapping 14:20-14:45Hrs Installation of thickness pins 14:45Hrs-15:30 Arrangement for 1st layer shotcrete 15:30Hrs-15:55Hrs 1st layer shotcrete 15:55Hrs-17:30Hrs 17.6m3 Arrangement for 2nd layer shotcrete 20:00Hrs-21:30Hrs Arrangement for grouting 21:30Hrs-</p>
Right bank Diversion outlet	<p>K0+409-K0+405.5 1st layer shotcrete 9:50Hrs-10:30Hrs Quantity 6.4m3 K0+021-K0+405.5 Arrangement for 2nd layer shotcrete 23:30Hrs-00:30Hrs 2nd layer of shotcrete 1:00-5:30Hrs Quantity 22m3 Water pipe maintenance work 11:00Hrs-17:30Hrs</p>	<p>K0+409-K0+405.5 K0+021-K0+405.5 No activity 7:00-15:00Hrs No Activity 23:00Hrs-5:00Hrs</p>	<p>Installation of ventilation duct 09:00-15:00Hrs No work 15:00-19:00Hrs No work 19:30-6:00Hrs</p>	<p>No work 8:00-14:00Hrs Marking for rock bolts 14:00Hrs-15:00Hrs Drilling for rock bolts 15:15Hrs-17:30Hrs K0+421-0+406 K0+406-0+402 Drilling for missing rock bolts 15:15Hrs-17:30Hrs Drilling for rock bolts 20:00Hrs-</p>
Left Bank Traffic Tunnel (From Inlet)	<p>K1+105.5- Drilling for blast 7:30Hrs-9:00Hrs Charging for blast 9:00-10:00Hrs Blast and ventilation 10:30-12:00 Mucking and scaling 13:30-18:30Hrs Mapping 20:30- 21:00Hrs Q value 0.62 Arrangement for 1st layer shotcrete 21:30-22:00Hrs 1st layer shotcrete 22:30-23:45Hrs K1+108- Survey for blast 00:00-01:00Hrs Drilling for blast 1:30-5:00Hrs Fixing of wiremesh 1:00-5:30Hrs</p>	<p>K1+108-1+111 Drilling for blast 8:00-12:30Hrs Charging for blast 12:30-14:30Hrs (Explosive used 250KG total holes 98) Blast and ventilation 14:40-15:00Hrs Mucking and scaling 15:00-18:00Hrs Mucking and scaling 19:30-23:00 Geological mapping 23:00-23:30Hrs Charging for additional blast 1:00-1:30Hrs Blast and ventilation 1:30-2:00Hrs Mucking and scaling 2:10-5:00</p>	<p>K1+070- Fixing of wiremesh 09:00-17:30Hrs K1+111.1 Survey for blast 11:00Hrs-12:00Hrs Drilling for blast 15:30Hrs-20:20Hrs Charging for blast 20:20Hrs-21:25Hrs Blast and ventilation 21:27Hrs-22:15Hrs Mucking and scaling 22:15-2:30Hrs Mapping 2:30-3:00Hrs Q value 0.62</p>	<p>K1+070- Fixing of wiremesh 09:00-17:30 Scaling and levelling 08:00Hrs-09:00Hrs K1+113.5 Survey for blast 9:00Hrs-9:30Hrs Drilling for blast 15:00Hrs-20:20Hrs Charging for blast 20:20Hrs-21:25Hrs Blast and ventilation 21:30Hrs-22:30Hrs Mucking 22:30Hrs-</p>
Left Bank Traffic Tunnel (From Outlet)	<p>K1+205- Survey for blast 07:30Hrs-08:30Hrs Drilling for blast 11:00Hrs-14:00Hrs Charging for blast 14:10Hrs-15:30 Blast and ventilation 15:40Hrs-16:45Hrs Mucking 16:40Hrs-18:30Hrs Mucking and scaling 19:30-1:00Hrs Mapping Q value 0.83 1:30-2:00Hrs</p>	<p>K1+203-1+200 Drilling for blast 8:00-15:30Hrs Charging for blast 15:40-17:35Hrs (Explosive used 245KG total holes 99) Blast and ventilation 17:46-18:30Hrs K1+203-1+200 Mucking and scaling 21:15Hrs-1:00Hrs Geological mapping (QV=0.66) 1:00-1:40Hrs Arrangement for 1st layer shotcrete 2:00Hrs-2:30</p>	<p>K1+200- Drilling for blast 8:00-12:30Hrs Charging 12:40-13:30Hrs Blast and ventilation 14:30-15:30Hrs Mucking 15:30-18:30Hrs Mucking and scaling 19:30-1:00Hrs Mapping 1:00-1:25Hrs 1st layer of shotcrete 1:30-2:30Hrs Quantity=4m3 K1+197- Survey for blast 3:00-3:30Hrs Drilling for blast 4:00-5:00Hrs</p>	<p>K1+197- Drilling for blast 7:30-13:30Hrs Charging for blast 13:30Hrs-14:50Hrs Blast and ventilation 15:05Hrs-16:10Hrs Mucking 16:10Hrs-18:00Hrs Mucking and scaling 19:30Hrs-</p>

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	Shotcrete not done due to shotcrete jumbo not available. K1+203~ Survey for blast 3:30~4:00Hrs	Spraying 1st layer shotcrete 2:30~4:50Hrs			
(Right Bank) Cable crane foundation	El. 1025~ Excavation 9:00~17:30Hrs Excavation 20:30~3:00Hrs Drilling for blasting 20:30Hrs~	El. 1025~ Charging for blast 09:00Hrs~11:40Hrs Blast 12:05Hrs EL. 1022 Excavation 8:00~17:30 Excavation 20:30~3:30Hrs	EL.1024~1021 Excavation 8:00~17:30Hrs Excavation 20:00~3:00Hrs	EL.1027~1020 Drilling for blast 08:00Hrs~13:00Hrs EL.1022~1023 Excavation 8:00~17:30Hrs Excavation 20:00Hrs~	EL.1027~1020 Charging for blast 9:00~13:30Hrs Blast carried out 14:00Hrs Excavation 15:00~18:00Hrs EL.1027~1020 Excavation 19:30~23:00Hrs EL.1022~1023 Excavation 8:00~18:00Hrs EL.1022~1023 Excavation 19:30~23:00Hrs
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	No work 07:30Hrs~07:00Hrs	No work 07:30Hrs~07:00Hrs	No work 7:30~7:00Hrs	No work 7:30~7:00Hrs	No work 7:30~7:00Hrs
Uchar (Day Work)	No work by CGGC 07:30Hrs~07:00Hrs	No work by CGGC 07:30Hrs~07:00Hrs	No work by CGGC 7:30~7:00Hrs	No work by CGGC 7:30~	No work by CGGC 7:30~7:00Hrs
Siglo RCC Crush plant No. 2	No work Work stopped by the local people 07:30Hrs~07:00Hrs	No work Work stopped by the local people 07:30Hrs~07:00Hrs	No work Work stopped by the local people 7:30~7:00Hrs	No work Work stopped by the local people 7:30~7:00Hrs	No work Work stopped by the local people 7:30~7:00Hrs
Siglo RCC Batching plant No. 2	Demolishing of houses at siglo batching plant area 09:00~13:30Hrs No work 13:30Hrs~19:30Hrs No work 19:30Hrs~7:00Hrs	Demolishing of houses at siglo batching plant area 08:00~11:00Hrs No work 11:00Hrs~19:00Hrs	Demolishing of houses at siglo batching plant area 8:00~10:00Hrs Work stopped by local peoples again from 10:00Hrs~17:00Hrs	No work 7:00Hrs~	No work 7:00Hrs~7:00Hrs
CR-5-2 / LU-2	El. 1041~1051 Drilling for rock bolts 08:30Hrs~17:30Hrs El. 1041~1051 No work 19:30~7:00Hrs	El. 1041~1051 Drilling for rock bolts 08:30Hrs~17:30Hrs	El. 1041~1051 Drilling for rock bolts 14:30Hrs~16:30Hrs No work 19:30Hrs~07:00Hrs	El. 1041~1051 Drilling for rock bolts 8:00Hrs~16:00Hrs	El. 1041~1051 Drilling for rock bolts 8:00Hrs~16:00Hrs No work 19:30~
Left Bank Cable Crane Foundation	No work 07:30Hrs~07:00Hrs	No work 07:30Hrs~07:00Hrs	No work 7:30~07:00Hrs	Fixing of scaffolding 8:00Hrs~17:30Hrs	No work 07:30Hrs~17:30Hrs
Kass area Daywork	Check post masonry 7:30~15:00Hrs No work 15:00Hrs~19:30 No work 19:30Hrs~7:00Hrs	Check post masonry 7:30~	Check post masonry 7:30~17:30Hrs	Check post masonry 7:30~17:30Hrs	No activity 7:00~7:00Hrs
Siglo Nailuh	Excavation of debris 7:00~17:30Hrs	Excavation of debris 7:00~17:30Hrs	No activity 7:00~17:30Hrs	No activity 7:00~	No activity 7:00~7:00Hrs
Date/Day Location	17 Wed.	18 Thu.	19 Fri.	20 Sat.	21 Sun.
Diversion Tunnel-A Inlet (Outside)	Dumping in Adit -1 for back filling 8:00~18:00Hrs Dumping for back filling 19:30~5:00Hrs Charging for blast 11:30~11:50Hrs Blast 12:05Hrs Excavation 7:30~18:00Hrs Excavation and loading 19:30~5:00Hrs	Excavation 7:30~18:00Hrs Excavation 19:30~6:00Hrs	Excavation and loading 7:30~17:30Hrs Excavation and loading 19:30~	Excavation 7:30~18:00Hrs Excavation 21:30~5:00Hrs	Excavation and mucking 8:00~18:00Hrs Excavation and mucking 19:30~5:30Hrs
DT-B Gate Tunnel slot area outside	No work	No work	No work	No work	No work
DT-B Inlet	No work	No work	No work	No work	No work
Starter Dam	Cut off wall Percussion drilling 7:00~18:00Hrs Percussion drilling 19:30~6:00Hrs I-3 Block 02 Fixing of reinforcement and welding 7:00~18:00Hrs Fixing of reinforcement and welding 19:30~5:30Hrs III-1 Block-8 Installation of formwork and reinforcement 7:30~18:00Hrs Installation of formwork and reinforcement 19:30~5:30Hrs III-1 Block 07 Pouring of concrete 7:00~11:00Hr 254.5m3 III-3 block 3 welding and fixing of reinforcement 7:00~18:00Hrs welding and fixing of reinforcement 19:30~5:30Hrs I-3 block 3 Arrangement for pouring of concrete 20:00~2:40Hrs Pouring of concrete start at 3:15~7:00Hrs Continue III-1 Block 5 Arrangement for pouring of concrete 15:00~20:40Hrs Pouring of concrete start at 20:50~2:35Hrs Total Quantity 340m3	Cut off wall Percussion drilling 7:00~18:00Hrs Percussion drilling 19:30~6:00Hrs I-3 Block 02 Fixing of reinforcement and welding 7:00~18:00Hrs III-1 Block-8 2nd Stage Installation of formwork and reinforcement 7:30~18:00Hrs Arrangement for pouring of concrete 19:30~23:00Hrs Pouring of concrete start at 23:00~7:00Hrs continue III-3 block 3 welding and fixing of reinforcement 7:00~18:00Hrs I-2 block 1 welding and fixing of reinforcement 19:30~5:30Hrs I-3 Block 3 Pouring of concrete start at 7:00~11:15 Quantity= 303m3 I-1 Block 2 Arrangement for pouring of concrete 15:00~16:30Hrs Pouring of concrete start at 16:35~3:00Hrs Quantity= 340m3 I-1 Block 1 Pouring of concrete start at 3:20~7:00Hrs continue 100m3 III-1 Block 8 (2nd lift) Arrangement for concrete 19:30~23:00Hrs Pouring of concrete 23:00~7:00Hrs 208m3 In-progress	Cut off wall Percussion drilling 7:00~ 19:00Hrs Percussion drilling 19:00~ 6:00Hrs I-4 Block 10 Fixing of reinforcement and welding 7:00~17:30Hrs Fixing of reinforcement and welding 19:30~00:30Hrs Pouring of concrete 1:15~7:00Hrs 268m3 III-1 Block-8 2nd Stage Pouring of concrete start at 7:00~11:45Hr Qty 276m3 I-1 Block 1 Pouring of concrete start at 7:00~13:00Hrs Qty 220m3 I-3-1 Excavation and leveling 7:00~17:30Hrs I-3 Block 2 Fixing of formwork 20:00~5:30Hrs II-2 Block-1 & II-2 Block-2 Arrangements of pouring of concrete 7:30~13:40Hrs Pouring of Concrete start 13:50~3:00Hrs 190m3 in night and total 410m3	Cut off wall Percussion drilling 7:00~ I-4 Block 10 Pouring of concrete Night~10:50Hr Qty 279m3 II-3 Block-3 Pouring of concrete 7:00~14:00Hrs Qty 228m3 I-3 Block 08 Pouring of concrete 18:05~3:00Hrs 300m3 in night and total 320m3 II-3 Block 01, II-3 Block 02 Arrangement for concrete 19:30~3:30Hrs Pouring of concrete 3:30~7:00Hrs in-progress	Cut off wall Percussion drilling 7:00~19:00Hrs Percussion drilling 19:30~6:30Hrs I-3 Block 2 Pouring of concrete 21:00~5:35Hrs Qty 287.5m3 III-1 Block 05 2nd stage Fixing of formwork and welding work 7:00~17:30Hrs Fixing of formwork 19:30~5:30Hrs III-1 Block 02 (2nd lift) Arrangement for concrete 7:00~14:30Hrs Pouring of concrete 14:30~7:00Hrs 280m3 I-3 Block 01 Steel fixing and cleaning work 19:30~5:30Hrs Downstream riprap Area Dumping of boulders at riprap area 19:30~6:00Hrs

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Appendix K [8/30]

Right Bank Diversion inlet	1st stage K0+208~ Charging for blast 7:10-8:15Hrs Blast carried out at 8:25 Hrs Mucking and scaling 8:55-16:30:Hrs Scaling and mapping 19:30-21:00Hrs (Q.V 1.9) K0+211~ Drilling for blast 21:30-23:30Hrs Charging for blast 23:45-1:45Hrs Blast and ventilation 2:05-2:45Hrs Mucking and scaling 3:00-5:30Hrs	1st stage K0+211~ Mucking and scaling 8:30-14:30Hrs Mapping 14:40-15:00Hrs (Q-value= 1.7) K0+214~ Survey for blast 15:00-15:30Hrs Drilling for blast 15:40-19:00Hrs Charging 20:00-22:30Hrs Blast and ventilation 22:44-23:00Hrs Mucking and scaling 23:20-5:30Hrs	1st stage K0+215.5~ Geological Mapping 7:30-8:00Hrs (Q-value=1.87) Waiting for Surveyors 8:00-10:15Hrs Survey for blast 10:15-10:45Hrs Hand Drilling for blast 11:00-14:50Hrs Charging 15:00-16:50Hrs Exp=255Kg Blast at 17:00Hrs Mucking and scaling 19:30-2:45Hrs Geological mapping 2:55-3:15Hrs K0+219~ Survey and demarcation for blasting 3:20-3:50Hrs Drilling for blast 4:20-6:20Hrs	1st stage K0+219.1-0+222 Drilling for blast 8:00-13:20Hr Charging for blast 13:00-14:00Hrs Blast 14:15Hrs Mucking and scaling 19:00-1:45Hrs Mapping (Quality Index 1.87) Installation of thickness pin 1:45-2:15Hrs K0+204-0+222 1st layer of shotcrete sprayed 3:30-5:30Hrs	1st stage K0+219~ Arrangement of 1st layer shotcrete 7:00-11:00Hrs 1st layer of shotcrete sprayed 11:10-11:40Hrs No work 19:00-7:00Hrs 2nd stage K0+025-K0+035 1st layer of shotcrete sprayed 12:20-14:00Hrs No work 19:00-7:00Hrs (river level raised)
Right bank Diversion outlet	K0+402~ Arrangement for drilling blast 08:00-11:00Hrs Scaling 13:00-17:00hrs Mucking 17:30-1:45Hrs Drilling for additional blast 2:45-4:15Hrs Charging for blast 4:20-5:10Hrs Blast and ventilation 5:20-6:00Hrs	K0+400.5~ No activity 7:00-18:00Hrs (Due to Excavator out of order) Mucking and scaling 19:30-6:00Hrs	K0+400.5~ Mucking and loading and scaling 7:30-15:00Hrs Arrangements for 1st layer of shotcrete 15:00-15:30Hrs Spraying of 1st layer of shotcrete 15:35-14:00Hrs Qty=24m3 K0+422-0+402 Drilling for missing rockbolts 19:30-21:00Hrs K0+400-0+405 Drilling for rockbolts 21:30-2:20Hrs No work 2:30-7:00Hrs	K0+398-0+422 Arrangement for rockbolt 7:00-10:40Hr. Waiting for loader 10:45-11:00Hrs No work 11:00-7:00Hrs (lack of manpower)	K0+398-0+422 Arrangement for Drilling of rockbolt 7:00-9:40Hr. Drilling for rockbolts 10:00-16:30Hrs Grouting and installation of rockbolts 20:30-00:30Hrs Arrangement for 2nd layer shotcrete 1:00-2:00Hrs 2nd layer shotcrete sprayed 2:20-5:20Hrs
Left Bank Traffic Tunnel (From Inlet)	K1+092-K1+113.5 Arrangement for grouting of rockbolts 7:30-8:20Hrs Grouting for rockbolts 8:20-18:00Hrs (Grouted pcs 111) Arrangement for 1st layer of shotcrete 20:00-20:30Hrs Spraying 1st layer shotcrete 20:30-21:00Hrs K1+072-K1+086 Arrangement for 2nd layer shotcrete 19:30-22:00Hrs Spraying 2nd layer of shotcrete 22:10-4:00Hrs 39.2m3	K1+116.5~ Survey for blast 7:00-8:00Hrs Waiting for wheel loader and air compressor issue 8:00-14:00Hrs K1+090~ Fixing of wiremesh 14:00-17:00Hrs K1+116.5~ Drilling for blast 15:30-18:30Hrs Charging for blast 19:30-21:50Hrs Blast carried out 21:55Hrs Ventilation 21:55-22:15Hrs Mucking and scaling 22:15-4:00Hrs Geological mapping 5:15-5:40Hrs Q. Index 0.67 Making arrangement for 1st layer shotcrete 6:20-7:00Hrs	K1+119~ Survey for blast 11:30-12:00Hrs Drilling for blast 15:00-19:30Hrs Charging 20:30-21:10Hrs Blast 21:20Hrs Exp=250Kg Mucking and Scaling 21:45Hrs-4:00Hr Mapping 4:00-4:30Hrs (Rock Quality Index 0.83) No work 4:30-7:00Hrs K1+095~ Fixing of wiremesh 11:00-15:30Hr	K1+119~ Arrangement for first layer of shotcrete 8:00-9:00Hrs First layer of shotcrete 11:00-12:00Hr 8m3. Survey for blast 16:30-17:30Hr K1+122.3~ Drilling for blast 17:30-20:20Hrs Charging 20:22-21:20Hrs Blast and ventilation 21:05-21:35Hrs (misfire) Charging for additional blast 23:40-00:20Hrs Blast and ventilation 2:00-2:30Hr Mucking and scaling 3:00-6:00Hrs	K1+122.3-K1+125.5 Mucking and scaling 7:00-14:00Hrs Mapping 14:00-14:30Hr. Q. value 0.67 k1+125.5~ Survey for blast 15:30-16:00Hrs Drilling for blast 17:15-20:20Hrs Charging for blast 20:30-22:00Hrs Blast and ventilation 22:10-22:40Hrs Mucking and scaling 23:15-2:40Hrs Mapping 3:00-3:35Hrs Q. value 0.83 K1+128.5 Survey for blast 3:40-4:20Hrs No work 5:30-7:00Hrs
Left Bank Traffic Tunnel (From Outlet)	K1+210-K1+198 Drilling for rockbolts 7:30Hrs Arrangement for grouting of rockbolts 8:00-10:00Hrs Grouting for rockbolts 10:00-15:00Hr Arrangement for grouting of rockbolts 19:30-21:00hrs Grouting for rockbolts 21:00-00:00Hrs 87No's Grouted and 01 hole collapsed K1+190~ Drilling for blast 2:30-5:10Hrs Charging and blast 5:10-7:50Hrs	K1+190~ Blast 7:50Hrs Mucking and excavation 9:00-15:00Hrs Scaling 15:00-15:30Hrs mapping 15:30-16:00Hrs Arrangement for 1st layer shotcrete 16:00-16:30Hrs Spraying of 1st layer shotcrete 16:30-17:30Hrs (Qty 06m3) K1+290-K1+198 Fixing of wiremesh 19:30-5:30Hrs K1+198-K1+190 Drilling for rockbolts 20:00-00:00Hrs Grouting for rock bolts 00:00-2:40Hrs 48 no's installed and 01 hole collapsed No work 3:00-7:00Hrs	K1+187~ Mapping 7:30-08:00Hrs Q value =0.67 Survey for blast 8:00-08:30Hrs Arrangement Drilling for blast 8:30-9:00Hrs Drilling for blast 9:00-13:00Hrs Charging 13:00-14:00Hrs Blast at 14:15Hrs Exp=255Kg Mucking and scaling 14:45Hrs-21:00Hrs Geological mapping 21:00-21:30Hrs Q.Index 0.67 Arrangement for 1st layer of shotcrete 21:30-22:30Hr 1st layer of shotcrete 22:30-23:00Hr Qty 5.6m3 K1+185~ Survey for blast 2:00-2:30Hrs No work 2:30-7:00Hrs K1+260~ Fixing of wiremesh 1:00-5:30Hrs.	K1+185~ Drilling for blast 8:00-11:30Hr Charging for blast 11:30-14:00Hr Blast 14:05Hr ventilation 14:05-14:50Hr Mucking and scaling 16:00-00:00Hrs Geological mapping 01:00-01:30Hr Q. Value 0.5 Survey for blast 3:00-3:30Hr K1+182~ Drilling for blast 3:30-6:00Hr. Charging 6:00-7:30Hr	K1+182~ Charging and blast 6:00-7:30Hrs Mucking and scaling 8:00-15:00Hrs K1+250-k1+240 Arrangement for 2nd layer of shotcrete 19:20-20:20Hrs 2nd layer of shotcrete 22:40-2:20Hrs Qty 27m3 k1+240~ fixing of wiremesh 3:00-6:00Hrs k1+178~ Survey for blast 2:40-3:10Hrs Drilling for blast 3:30-5:40Hrs
(Right Bank) Cable crane foundation	EL.1027-1020 Excavation 7:30-18:00Hrs Excavation 19:30-5:00Hrs	EL.1027-1020 Excavation 7:00-18:00Hrs Excavation 19:30-23:00Hrs	EL.1022-1020 Excavation 8:00-17:30Hrs	EL.1022-1020 Excavation 8:00-17:30Hrs	EL.1022-1020 Excavation 8:00-17:30Hrs No work 19:00-7:00Hrs
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	No work 7:30-7:00Hrs	No work 7:30-7:00Hrs	No work 7:30-7:00Hrs	No work 7:30-7:00Hrs	No work
Uchar (Day Work)	No work by CGGC 7:30-7:00Hrs	No work by CGGC 7:30-7:00Hrs	No work by CGGC 7:30-7:00Hrs	No work by CGGC 7:30-7:00Hrs	No work
Siglo RCC Crush plant No. 2	No work Work stopped by the local people 7:30-7:00Hrs	No work Work stopped by the local people 7:30-7:00Hrs	No work Work stopped by the local people 7:30-7:00Hrs	No work Work stopped by the local people 7:30-7:00Hrs	No work (Work stopped by the local people)
Siglo RCC Batching plant No. 2	No work Work stopped by the local people 7:30-7:00Hrs	No work 7:00Hrs-7:00Hrs	No work 7:00-7:00Hrs	DAY WORK House demolishing 7:00Hrs-15:00	DAY WORK No work
CR-5-2 / LU-2	El. 1041-1051 Drilling for rock bolts 8:00Hrs-16:00Hrs No work 19:30-7:00Hrs	El. 1041-1051 Drilling for rockbolt 9:00-18:00Hrs No work 19:30-7:00Hrs	El. 1041-1051 Drilling for rockbolt 9:00-	No work 7:00-7:00	El. 1041-1051 Drilling for rockbolt 9:00-16:30Hrs
Left Bank Cable Crane Foundation	No work 07:30Hrs-17:30hrs	No work 07:30Hrs-17:30hrs	No work 07:30Hrs-17:30hrs	No work 07:30Hrs-17:30hrs	No work
Siglo Nalluh	No activity 7:00-7:00Hrs	No activity 7:00-7:00Hrs Excavation and mucking 19:00-5:00Hrs	No activity 7:00-7:00Hrs	No work 7:00-7:00	No work 7:00-00:00Hrs Loading and mucking 00:00-5:30Hrs

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Appendix K [9/30]

Date/Day Location	22 Mon.	23 Tue.	24 Wed.	25 Thu.	
Diversion Tunnel-A Inlet (Outside)	Excavation and mucking 19:30-5:30Hrs	Excavation and mucking 8:30-12:00Hrs No work 23:00-7:00Hrs	No work	No work	
DT-B Gate Tunnel slot area outside	No work	No work	No work	No work	
DT-B Inlet Starter Dam	No work	No work	No work	No work	
	Cut off wall Percussion drilling 7:00-19:00Hrs Percussion drilling 19:30-6:30Hrs I-3 Block 1 Formwork and installation of reinforcement 7:00-17:30Hrs Arrangement for pouring of concrete 20:30-21:30Hrs Pouring of concrete 21:30-2:00Hrs Total quantity poured = 190m3 III-1 Block 01 (2nd Lift) Pouring of concrete 7:00-12:10Hrs Total quantity poured = 216m3 III-1 Block No.05 (2nd Lift) Arrangement for concrete 7:00-16:30Hrs Pouring of concrete 15:30-2:25Hrs Total quantity poured = 272m3 I-4 Block No. 09 Steel fixing 19:30-5:30Hrs I-3 Block No. 04 Formwork fixing 19:30-5:30Hrs Downstream Riprap area Excavation and dumping 7:00-18:00Hrs Dumping of boulders at riprap area 19:30-6:00Hrs	Cut off wall Percussion drilling 7:00-7:00Hrs Percussion drilling 19:00-7:00Hrs I-3 Block 4 Cleaning of surface for concrete 8:00-10:00Hrs Arrangement for concrete 10:00-12:40Hrs Pouring of concrete 12:40-21:00Hrs Total quantity poured= 314m3 Surface finishing 21:00-2:00Hrs III-1 Block No.05 (2nd Lift) Removing of formwork 10:00-17:30Hrs I-4 Block No. 09 Fixing of reinforcement 8:00-17:30Hrs Fixing of reinforcement 19:30-6:00Hrs I-4 Block No. 08 Fixing of reinforcement 8:00-17:30Hrs Fixing of reinforcement 19:30-4:00Hrs Downstream riprap area Excavation and dumping 7:00-18:00Hrs Excavation and dumping 19:30-5:30Hrs	Cut off wall Percussion drilling 7:00-19:00Hrs Percussion drilling 19:00-6:30Hrs I-4 Block No. 04, I-4 Block No. 08 Fixing of reinforcement 8:00-18:30Hrs Fixing of reinforcement 19:00-5:30Hrs I-3 Block No. 04 Removing of formwork and curing 7:30-18:30Hrs I-4 Block No.09 Fixing of formwork 7:30-17:00Hr. Arrangement for pouring of concrete 20:00-22:00Hr Pouring of concrete 22:00-5:30Hr Qty 174m3. Downstream riprap area Excavation and dumping 7:30-18:30Hrs Dumping boulder 19:30-6:00Hrs	Cut off wall Percussion drilling 10:00-19:00Hrs Percussion drilling 19:00-6:30Hrs I-4 Block No. 09 Pouring of concrete 8:15-9:00Hrs Total quantity poured =175m3 (Day shift =1m3 & Night shift =174m3)= Curing 13:30-17:30Hrs I-4 Block No. 04,I-4 Block No. 07 Fixing of reinforcement, formwork 8:00-18:30Hrs Fixing of reinforcement, formwork 19:30-6:30Hrs I-4 Block No. 08 Formwork fixing and cleaning work 8:00-18:30Hrs Arrangement for concrete 20:00-00:00Hrs Pouring of concrete 00:00-7:00Hr I-4 Block No. 03 Excavation and cleaning 10:00-17:30Hrs Downstream riprap area Excavation and dumping 7:30-17:30Hrs Dumping of boulders 19:30-6:00Hrs	
Right Bank Diversion inlet	1st stage K0+222 2nd stage K0+087 No work 7:00-7:00Hrs Reason: Today (22-5-2023) Contractor has stopped working due to rising water level in river.	1st stage K0+222 2nd stage K0+087 No work 7:00-7:00Hrs Reason: On date (22-5-2023) Contractor has stopped working due to rising water level in river.	1st stage K0+222 2nd stage K0+087 No work 7:00-7:00Hrs Reason: Today (22-5-2023) Contractor work stopped due to rising water level in river.	1st stage K0+222 2nd stage K0+087 No work 7:00-7:00Hrs Reason: Today (22-5-2023) Contractor work stopped due to rising of water level in river.	
Right bank Diversion outlet	K0+421-0+400 2nd layer of shotcrete 7:00-10:00Hrs K0+398-395 Scaling 10:00-11:30Hrs Drilling for blast 12:00-17:30Hrs Mucking and scaling 19:30-3:30Hrs No work 3:30-7:00Hrs	K0+398-0+395 Installation of thickness pins 9:00-10:00Hrs Arrangement for 1st layer shotcrete 12:50-13:20Hrs Spraying 1st layer shotcrete 13:50-14:20Hrs K0+395- Survey for blast 15:30-16:00Hrs Drilling for blast 16:30-20:00Hrs Charging and blasting 20:30-22:45Hrs Ventilation 22:45-23:20Hrs Mucking and scaling 23:20-5:00Hrs Arrangement for 1st layer of shotcrete 5:00-6:00Hrs	K0+398-0+394 Arrangement for 1st layer of shotcrete 8:00-9:00Hrs Spraying 1st layer shotcrete (Quantity= 8m3) 9:30-10:20Hrs Demarcation for rockbolt 12:00-12:40Hrs Drilling jumbo breakdown 13:00-14:30Hrs Drilling for rockbolts 14:30-17:00Hrs Arrangement for grouting 19:40-20:30Hrs Grouting and installation of rockbolts 21:10-1:30Hr 13pcs installed 9 collapse. K0+400-K395 Arrangement for 2nd layer of shotcrete 1:30-2:15Hr 2nd layer of shotcrete 2:15-5:00Hr.	K0+392- Survey for blast 9:30-10:00Hrs No work due to drill machine malfunctioned 10:00-15:30Hrs Drilling for blast 15:30-15:50Hrs No work due to drill machine malfunctioned 15:50-19:00Hrs No work 19:00-7:00Hrs	
Left Bank Traffic Tunnel (From Inlet)	K1+128.5- Drilling for blast 7:00-10:00Hrs Charging 10:00-11:30Hrs Blast and ventilation 11:30-12:30Hrs Mucking and excavation 12:30-17:30Hrs Mucking and scaling 19:30-00:20Hrs Geological mapping (Q-value= 0.83) 00:30-1:10Hrs Arrangement for 1st layer shotcrete 1:30-2:10Hrs K1+128.5-1+131.5 (a huge over break occurred at crown) 1st layer shotcrete sprayed 2:30-3:00Hrs 8m3 K1+070-1+086 2nd layer shotcrete 3:20-4:10Hrs Quantity= 8m3 No work 4:40-7:00Hrs	K1+131.5-K1+133.6 Survey for blast 8:00-9:00Hrs Drilling for blast 9:00-12:00Hrs Charging 12:00-13:30Hrs (Explosive Qty 250kg) Blast and ventilation 13:15-14:00Hrs Mucking 14:00-17:40Hrs Mucking and scaling 19:30-21:30Hrs Mapping 21:30-22:00Hrs (Q-value=0.83) Survey for blast 22:00-22:30Hrs K1+133.6- Drilling for blast 23:00-3:30Hrs Charging for blast and blast 3:50-6:00Hrs	K1+133.6-K1+136.5 Mucking and scaling 8:00-14:30Hrs Geological mapping (Q-value= 0.62) 15:30-16:10Hrs Arrangement for shotcrete 16:15-17:30Hrs 1st layer of shotcrete sprayed (Quantity= 8m3) 17:30-18:10Hrs K1+133-1+113 Demarcation and arrangement for drilling of rockbolts 20:20-23:10Hrs Drilling for rockbolt 23:10-6:30Hr.	K1+135-1+113 Arrangement for grouting rockbolt 8:00-9:30Hrs Grouting for rockbolt (42 nos grouted) 10:15-17:30Hrs Grouting and installation of rockbolt (70 nos grouted) 20:10-00:10Hrs K1+098- Installation of wiremesh 21:00-6:00Hr	
Left Bank Traffic Tunnel (From Outlet)	K1+178- Charging 7:00-8:30Hrs Blast and ventilation 8:30-9:10Hrs Mucking 9:10-14:30Hrs K1+175-1+171.5	K1+178- Arrangement for 1st layer shotcrete 10:00-10:30Hrs Spraying 1st layer shotcrete 11:00-12:30Hrs (Quantity=12m3) K1+172.5	K1+190-1+172.5 Arrangement for rockbolt 7:00-8:00Hrs Grouting for rockbolt 8:00-11:50Hrs (87Pcs grouted and 01 pcs collapse) K1+226-	K1+169.4- Mucking and scaling 8:00-16:00Hrs Geological mapping (Quality index value 0.67) 16:00-16:20Hrs	

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Appendix K [10/30]

	Survey and demarcation for blast 14:50-15:20Hrs Drilling for blast 15:30-17:30Hrs Drilling for blast 19:30-20:30Hrs Charging and blast 20:30-22:01Hrs Mucking and scaling 22:50-4:30Hrs Geological mapping 4:50-5:25Hrs (Q-value= 0.5) K1+240- Fixing of wiremesh 19:30-5:30Hrs	Survey for blast 13:30-14:00Hrs Drilling for blast 14:00-17:30Hrs No work after drilling for further blast due to non-completion previous support work 17:30-7:00Hrs K1+264- Fixing of wiremesh 8:00-17:30Hrs Fixing of wiremesh 19:00-6:00Hrs K1+190- Drilling for rockbolt 22:00-5:10Hrs	Fixing of wiremesh 13:30-5:30Hrs K1+172.5- charging 13:00-14:35Hrs Blast and ventilation 17:45-18:20Hrs Mucking and scaling 20:00-23:00Hrs Mapping 23:00-23:30Hr Q. value 0.63 K1+169.4 Survey for blast 00:30-00:55Hr. Arrangement for drilling 00:55-1:30Hr. Drilling for blast 1:30-5:30Hr	1st layer of shotcrete sprayed 20:30-23:30Hrs Qty 12m3. K1+166.4- Survey and demarcation for blast 23:30-00:20Hr Drilling for blast 01:20-5:20Hr. Charging and blast 5:20-7:00Hr. K1+226- Fixing of wire-mesh 8:00-17:30Hrs K1+220- Fixing of wiremesh 20:00-5:30Hr.	
(Right Bank) Cable crane foundation	EL.1022-1020 Drilling for blast 8:00-17:30Hrs	EL.1022-1020 Charging t 9:50-11:10Hrs Blast 11:45Hrs EL. 1020 Fixing of scaffolding 9:00-17:30Hrs Invert excavation with jack hammer 9:00-11:30Hrs	EL. 1020 Installation of scaffolding for support work 9:00-17:30Hrs Scaling and leveling 9:00-17:30Hrs	El. 1020-1035 Fixing of scaffolding 8:00-17:30Hrs Excavation and leveling 8:00-16:30Hrs	
Right Abutment Access Road to Cable Crane Platform D/S (Right Bank)	No work	No work	No work	K0+500-0+518 Drilling for blast 9:00-12:15Hrs	
Uchar (Day Work)	No work	No work	No work	Drilling for boulder blast 10:30-15:30Hrs Charging 16:10-16:45Hrs (14 holes, 5Kg explosive) Blast 17:11Hrs	
Siglo RCC Crush plant No. 2	No work (Work stopped by the local people)	No work (Work stopped by the local people)	No work (Work stopped by the local people)	No work (Work stopped by the local people)	
Siglo RCC Batching plant No. 2	DAY WORK No work	DAY WORK No work	DAY WORK No work	DAY WORK No work	
CR-5-2 / LU-2	El. 1041-1051 Drilling for rockbolt 9:00-16:30Hrs	El. 1041-1051 Arrangement for grouting 13:30-14:20Hrs Grouting for rockbolt 14:30-17:30Hrs 17 number of rock bolts grouted	El. 1041-1051 Drilling for rockbolt 9:00-17:30Hrs	El. 1041-1051 Drilling for rockbolt 9:00-16:30Hrs	
Left Bank Cable Crane Foundation	No work	No work	No work	No work	
Siglo Nalluh	Cleaning of river channel, excavation and mucking 7:00-18:00Hrs Cleaning of river channel, excavation and mucking 19:30-5:30Hrs	Cleaning of river channel, excavation and mucking 7:00-18:00Hrs Cleaning of river channel, excavation and mucking 19:30-5:30Hrs	No work due to excavator breakdown 8:00-19:00Hrs Cleaning of river channel, excavation and mucking 20:00-6:00Hrs	Excavation and loading 8:00-17:30Hrs Excavation and loading 19:00-06:00Hrs	
Kass area Daywork	No work	No work	Excavation and loading 8:00-14:30Hrs Block masonry work 8:00-17:30Hrs Plaster work 8:00-17:30Hrs	Excavation and loading 8:00-17:00Hrs Block masonry work 8:00-17:30Hrs Plaster work 8:00-17:30Hrs White wash 8:00-17:30Hrs	

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Appendix K [11/30]

Daily Work Records of MW-02

Date/Day Location	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday	6 Saturday	7 Sunday
Tailrace outlet Construction Tunnel CT-2	Day F.Ch:1+531.0 (U/S) 11:35-12:10 Mapping Qv=2.3 Further No Activity due to limited resources F.Ch:1+631.0 (D/S) NO Activity due to limited resources Night F.Ch:1+530 (U/S) Ch:1+534.5-1+531.0 20:00-) Installation of wire mesh F.Ch:1+632.0 (D/S) NO Activity due to limited resources	Day F.Ch: 1+531 (U/S) Ch: 1+534.5 08:00-09:30) Grouting for rock dowels (11 pcs) (cement= 200 kg) F.Ch:1+632.0 (D/S) 7:30-14:00) Drilling for blast Blast not carried out due to shortage of explosive. Day F.Ch:1+531 (U/S) NO Activity due to shortage of explosive. F.Ch:1+632.0 (D/S) NO Activity due to limited resources	Day F.Ch:1+531 (U/S) 7:30-) Drilling for blast Blast not carried out due to shortage of explosive. F.Ch:1+632.0 (D/S) No Activity Night F.Ch:1+531 (U/S) 22:00-23:30) Charging for blast Expo=300kg 00:15) Blast Carried out 00:40-) Mucking is in progress F.Ch:1+632.0 (D/S) No Activity due to limited resources	Day F.Ch: 1+528.5 (U/S) 08:17-11:30) Drilling for blast. F.Ch:1+632.0 (D/S) 11:30-13:00) Charging for blast (Exp=370kg) 14:33) Blast carried out 15:35) Mucking is in progress... Night F.Ch: 1+528.5 (U/S) Ch 1+529.0 ~ 1+532.0 21:00-21:45) 2nd layer shotcrete Qty=7m³ F.Ch:1+632.0 (D/S) No Activity due to limited resources	Day F.Ch: 1+528.5 (U/S) 12:00-13:15) Charging for blast Exp=370kg) 13:25) Blast carried out 14:00-) Mucking & scaling is in progress... F.Ch:1+632.0 (D/S) No Activity Night F.Ch: 1+528.5 (U/S) No Activity F.Ch:1+635.00 (D/S) Ch. 1+632-1+635.0 21:35-22:00) 1st layer shotcrete Qty= 4m³ Ch. 1+632- 1+635.0 00:15-) Fixing of wire mesh	Day F.Ch: 1+525 (U/S) F.Ch: 1+528.5-1+525.0 (U/S) 10:21-11:31) 1st layer shotcrete PS Qty=5.0m³ 14:00-17:00) Fixing of wire mesh (10 Pcs) F.Ch:1+632.0 (D/S) Ch.: 1+632.0-1+635.0 09:19-10:08) 2nd layer shotcrete PS Qty=7.0m³ 11:18-11:47) Survey for blast Night F.Ch: 1+525 (U/S) F.Ch: 1+528.5-1+525.0 (U/S) 21:10-21:45) 2nd layer shotcrete Qty= 8m³ Ch. 1+528.5 22:00-23:00) Drilling for rock dowels 01:40-03:00) Grouting and installation of rock dowels 11Pcs F.Ch:1+635.00 (D/S) Ch. 1+630.0 23:00-01:00) Grouting and installation of rock dowels 11Pcs	Day F.Ch: 1+525 (U/S) No Activity due to resources limitation. F.Ch:1+635.0 (D/S) 07:00-08:00) Survey for blast 08:00-13:00) Drilling for blast Waiting for charging NOTE: Ventilation & illumination problem's. Night F.Ch: 1+525 (U/S) F.Ch: 1+528.5-1+525.0 (U/S)
Tailrace outlet Construction Tunnel CT-2	Day F.Ch:1+602.0.0 (U/S) 12:15-12:40) Mapping Qv=2.7 Further No Activity due to limited resources F.Ch:1+678.50 (D/S) NO Activity due to limited resources Night F.Ch:1+606.00(U/S) NO Activity due to limited resources F.Ch:1+674.0 (D/S)	Day F.Ch:1+602.0.0 (U/S) Further No Activity due to limited resources F.Ch:1+678.50 (D/S) NO Activity due to limited resources Night F.Ch:1+606.00(U/S) NO Activity due to limited resources F.Ch:1+674.0 (D/S) NO Activity due to limited resources	Day F.Ch:1+603.0.0 (U/S) No Activity due to limited resources F.Ch:1+678.50 (D/S) No Activity due to limited resources Night F.Ch:1+603.0.0 (U/S) No Activity due to limited resources F.Ch:1+678.0 (D/S) 23:00-00:00) Charging for blast (Exp=320kg) 00:15) Blast Carried out	Day F.Ch:1+602.0 (U/S) 13:00-14:15) Charging for blast Exp=360kg 14:33) Blast carried out Waiting for mucking F.Ch:1+682.0 (D/S) 07:50-09:00) Scaling 09:00-10:00) Mapping Qv=2.08 11:35-12:31) 1st layer shotcrete Qty=5.0m³ Night F.Ch:1+599.5 (U/S) Ch. 1+602.0.0-1+599.5 19:00-00:30) Mucking and scaling 00:40-01:10) 1st layer shotcrete Qty=5m³ F.Ch:1+681.50 (D/S) Ch.1+678 ~ 1+680.50 20:00-23:30) Fixing of wire mesh (9pcs) 23:40-00:10) 2nd layer shotcrete Qty=8m³ 01:00-01:25) Survey for blast	Day F.Ch:1+605.5 (U/S) Ch.: 0+1+605.5-1+599.0 08:00-) Fixing of wire mesh F.Ch:1+682.0 (D/S) 08:00-11:45) Drilling for blast 11:45-13:15) Charging for blast Exp=375kg 13:30) Blast carried out 15:40-) Mucking is in progress Night F.Ch:1+599.5 (U/S) Ch.:1+605-1+599 21:25-22:50) 1st layer shotcrete Qty=8m³ F.Ch:1+681.50- (D/S) Day-22:00) Mucking and scaling	Day F.Ch:1+599.0- (U/S) 08:10-14:00) Drilling for blast 15:00-16:00) Charging for blast 16:30) Blast carried out 16:30-17:00) Ventilation 17:00-) Mucking is in progress F.Ch:1+685.5 (D/S) 11:56-12:38) First layer shotcrete PS Qty=5.0m³ Night F.Ch:1+596.0 (U/S) Ch. 1+599.0-1+596 Day-22:00) Mucking and scaling 22:00-22:20) Survey 22:30-22:45) Mapping Qv=2.85 22:45-23:35) 1st layer shotcrete Qty=6m³ F.Ch:1+685.5 (D/S) Ch. 1+682.0-1+685.0 19:00-22:20) Fixing of wire mesh 10Pcs 23:20-00:10) 1st layer shotcrete Qty=8m³ Ch. 1+678.0-1+681.0 01:40-) Drilling for rock dowels	Day F.Ch:1+599.0- (U/S) Ch.: 1+599.0-1+596.0 08:00-10:30) Fixing of wire mesh (10pcs) 11:45-12:23) 2nd layer shotcrete PS Qty=7.0m³ F.Ch:1+685.5 (D/S) 14:00-) Drilling for blast is in progress... NOTE: Ventilation & illumination problem's Night F.Ch:1+596.0 (U/S) Ch. 1+599.0-1+596
ADFT+ CT01	Day ADFT - CT01 Junction No Activity Night ADFT+ CT01 Junction NO Activity due to limited resources	Day ADFT - CT01 Junction No Activity Night ADFT+ CT01 Junction NO Activity due to limited resources	Day ADFT - CT01 Junction No Activity Night ADFT+ CT01 Junction No Activity due to limited resources	Day ADFT - CT01 Junction No Activity Night ADFT (Right & Left) Ch. 0+00-0+40 20:00-01:00) Installation of Supporting bars for ventilation duct.	Day ADFT - CT01 Junction No Activity Night ADFT (Right & Left) Ch. 0+0 0-0+40	Day ADFT - CT01 Junction No Activity Night ADFT (Right & Left) Ch. 0+00-0+40	Day No activity Night No activity
Tailrace 01 From CT-01	Day F.ch:0+18.0 (Approx.) No Activity due resources limitation Night Ch.:0+18 (Approx.) (Transition Area) Ch.:0+4-0+18.0 20:30-01:05) Invert excavation and mucking Ch. 0+04-0+00 (U/S)	Day F.ch:0+18.0 (Approx.) 08:00-09:30) Invert Drilling for Blast Note: After 09:30 jumbo break down and water pressure issue Night Ch.:0+18 (Approx.) (Transition Area) Ch.:0+04-0+015.0 23:10-00:45) Charging for invert bench blast (EXP= 62.5kg) 02:24) Blast carried out 03:05-) Mucking and scaling Ch. 0+04-0+00 (U/S) No activity	Day F.ch:0+15.0 (Approx) Ch.: 0+004 - 015 08:00- 10:30) Invert Mucking and Scaling 13:00-15:40) Invert Drilling for Blast 15:45- 17:00) Charging for Blast (Exp=55kg) Night F.ch:0+15.0 (Approx) Ch.: 0+004 - 0+015 20:00-22:30) Mucking & Invert Levelling Ch. 0+04- Approx (U/S) 01:00-) Drilling for blast	Day F.ch:0+15.0 (Approx) Ch. 0+04- Approx (U/S) 08:30-) Drilling for blast Night F.Ch. 0+04- Approx (U/S) 20:00-) Drilling for blast (Right Portion) F.ch:0+15.0 (Approx) (D/S) No Activity due to limited resources	Day F.ch:0+15.0 (Approx) Ch. 0+04- Approx (U/S) 08:30-) Drilling for blast Night F.Ch. 0+04- Approx (U/S) 21:00-03:20) Charging for face and invert blast Exp=325Kg Waiting for blast F.ch:0+15.0 (Approx) (D/S) No Activity due to limited resources	Day F.ch:0+15.0 (Approx) Ch. 0+04- Approx (U/S) 08:30-15:00) Mucking and Scaling Night F.Ch. 0+04- Approx (U/S) 21:00-23:00) Drilling for blast (Left Portion) 23:15-03:30) Charging for blast Exp=163Kg Waiting for blast F.ch:0+15.0 (Approx) (D/S) No Activity due to limited resources	Day F.ch:0+001 Ch. 0+04-0+001 (Approx) (U/S) 08:30-11:10) Mucking and Scaling F.Ch: 0+018 14:00-14:20) Survey for blast Drilling for blast not started due to break down of drilling jumbo. Night F.Ch. 0+04- Approx (U/S) 21:00-23:00) Drilling for blast (Left Portion)
Tailrace 02 From CT-01	Day Transition Area Ch.:0+004 U/S No Activity due resources limitation Night Ch:0+004.0 (U/S) (Transition Area) 20:00-21:00) Drilling for blast (Right portion) 22:45-12:50) Charging for blast EXP=150KG 02:15) Blast carried out Ch:0+009.0 -0+014.0	Day Transition Area Ch.:0+004 U/S 08:00- 12:00) Mucking and Scaling 12:30-13:00) Mapping (Qv=0.83) D/S Ch.:0+014-15:15-) Fixing of wire mesh. Night Ch:0+004.0 (U/S) (Transition Area) No	Day Transition Area Ch.:0+004-0+000 10:00-10:55) 1st layer shotcrete (Qty=8m³) 14:40-15:20) 1st layer shotcrete (Qty=6m³) Ch.:0+013-0+018 08:30-14:20) Fixing of Wire mesh 16:00-) 2nd layer Shotcrete (Qty=8m³) Note: VENTILATION PROBLEM	Day Transition Area Ch.:0+004-0+002 08:30-) Fixing of Wire mesh. Night Transition Area Ch.:0+004-0+002 (U/S) 20:00-) Installation and rectification of Wire mesh. F. Ch 0+018 No Activity due to resources limitation.	Day Transition Area Ch.:0+004-0+002 08:30-11:00) Rectification of Wire mesh 11:40-12:10) 2nd layer shotcrete 6m³ 14:20-14:50) 2nd layer shotcrete 6m³ Note: Contractor has been notified to spray the shotcrete as per the required design thickness. Night F.Ch 0+02 Ch: 0+018-0+002	Day Transition Area Ch.:0+007.6-0+016 08:30-) Fixing of 2nd layer Wire mesh. Night Transition Area Ch.:0+007.6-0+016 19:30-01:50) Fixing of 2nd layer Wire mesh 5Pcs	Day Transition Area Ch.:0+003-0+010 08:00-15:00) Fixing of 2nd layer Wire mesh (7 Pcs) Night Transition Area Ch.:0+007.6-0+016 19:30-01:50) Fixing of 2nd layer Wire mesh 5Pcs

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	21:00-22:40) Drilling for Invert blast 12-55-02:013) Charging for blast EXP=75KG 02:20) Blast carried out	activity F.ch 0+13.6Ch:0+009.0 ~ 0+013 (D/S)20:00-02:10) Installation of Wire mesh	Night Transition Area Ch: 0+002.0-0+004.0 (U/S) 20:00-) Installation of Wire mesh F. Ch 0+018 No Activity due to resources limitation.		23:25-00:25) 2nd layer remedial shotcrete Qty= 8m³ Ch. 0+016-0+002 01:00-) Fixing of wire mesh (4Pcs) is in progress... F. Ch 0+018 approx. (D/S) No Activity due to resources limitation.		
TC I 1	Day Ch.:0+210.0-0+070 No Activity Night Ch.:0+235.5 20:30-) Assembling and installation formworks for PS tendon head block. Location: P48-5	Day Ch.:0+235.5 08:30-) Assembling and installation formworks for PS tendon head block. Location: P48-5 Inspection is carried out and allowed for sika-Crete. Night Ch.:0+240-0+195.0 20:00-) Removing of old installed bearing plates.	Night Ch.:0+235.5 08:30-12:30) Installation of formwork for PS Tendon head block. Location: P48-5 Night Ch.:0+241 No Activity due to resources limitation.	Day Ch.:0+235.5 No Activity Location: P48-5 Night Ch.:0+241 Ch. 0+240.5 20:30-) Assembling and installation formworks for PS tendon head block. Location: P49.5 Note: Contractor notified to use anti-corrosion bearing plate for PS tendon head block assembly. Rusted material is not allowed.	Day Ch.:0+235.5 10:00-) Pouring of Sika-Crete for head block of PS Tendon (280kg) Location: P48-5 Note: Improper mixing apparatus which keeps on breaking causing delays in the pouring process. Unsafe working conditions as it was difficult for labor to carry the container to the top of the platform. Night Ch.:0+241 Ch. 0+240.5 21:00-01:45) Assembling and installation formworks for PS tendon head block. 02:00-) Pouring of Sika-Crete for head block of PS Tendon. Location: P49-5	Day Ch.:0+235.5 No Activity Night Ch.:0+241 Ch. 0+240.5	Day Ch.:0+235.5 No Activity Night Ch.:0+241 Ch. 0+240.5
TC II-2(1) +TCII-2(2) (Left and Right)	Day II-2 Right NO Activity due to resources limitation. Night II-2 20:30-) Assembling of 14m corrugated duct for PS tendons.	Day II-2 Right NO Activity due to resources limitation. Night II-2 20:30-) Assembling of 14m corrugated duct for PS tendons.	Day II-2 Right NO Activity due to resources limitation. Night II-2 No Activity due to resources limitation.	Day II-2 Right NO Activity due to resources limitation. Night II-2 No Activity due to resources limitation.	Day II-2 Right No Activity due to resources limitation. Night II-2 No Activity due to resources limitation.	I-2 Right No Activity due to resources limitation. Night II-2 No Activity due to resources limitation	Day Ch.:0+235.5 No Activity Night Ch.:0+241 Ch. 0+240.5 Night II-2 No Activity due to resources limitation.
TC Left crown I-2	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S)	Day -2 No Activity Night -2 No Activity night F.Ch:0+241.0~ (D/S)
TC I 3 Right Crown	Day F.Ch: 0+241.0 Night F.Ch: 0+241.0 (D/S) NO Activity due to resources limitation. Pak labors are on strike due to Chinese Labor offensive statement.	Day F.Ch: 0+241.0 Night F.Ch: 0+241.0 (D/S) NO Activity due to resources limitation. Pak labors are on strike due to Chinese Labor offensive statement.	Day F.Ch: 0+241.0 Night F.Ch: 0+241.0 (D/S) NO Activity due to resources limitation. Pak labors are on strike due to Chinese Labor offensive statement.	Day F.Ch: 0+241.0 Night F.Ch: 0+241.0 (D/S) NO Activity due to resources limitation. Pak labors are on strike due to Chinese Labor offensive statement.	Day No activity Night No activity	Day ii-2 No Activity night F.Ch:0+241.0~ (D/S)	Day -2 No Activity Night -2 No Activity night F.Ch:0+241.0~ (D/S)
PH Exhaust Tunnel	Day Ch.:0+192.50-0+174.50 10:00-) Curing for pavement concrete 10:00-) Cleaning and form working for side drain. Night Ch. 0+174.5-0+155.0 20:00-) Invert cleaning	Day Ch.:0+192.50-0+174.50 08:00-) Curing for pavement concrete Ch.:0+154.5-0+174.50 08:00-) Cleaning, removing under break and form working for side drain. Night Ch. 0+174.5-0+155.0 20:00-) Invert cleaning by manually	Day Ch.:0+192.50-0+174.50 08:00-) Curing for pavement concrete Ch.:0+154.5-0+174.50 08:00-) Cleaning, removing under break and form working for side drain. Night Ch. 0+174.5-0+155.0 20:00-) Invert cleaning for pavement concrete	Day Ch.:0+174.50-0+162.50 08:00-11:10) Cleaning, removing under break and formwork installation for side drain. 11:30-18:20) Pouring of Invert Concrete Qty = 36m³ Night Ch. 0+162-0+140.0 20:00-) Invert cleaning for pavement concrete	Day Ch.:0+162-0+145 08:00-11:10) Cleaning, Removing under break and formwork installation for side drain. Ch.:0+162-0+174 08:00-) Curing of pavement concrete. Night Ch.:0+162-0+174 21:00-) Curing of pavement concrete Ch. 0+150-0+130.0 20:00-) Invert cleaning for pavement concrete	Day Ch.:0+162-0+145 08:00-11:10) Cleaning, Removing under break and formwork installation for side drain. Ch.:0+162-0+150.50 12:00-19:00) Placement of invert Concrete (45m³) Night Ch.:0+162.50-0+150.50 19:00- 23:45) Placement of invert Concrete (12m³) Ch. 0+150-0+130.0 20:00-) Invert cleaning for pavement concrete	Day Ch.:0+150-0+140 08:00-) Cleaning, Removing under break and formwork installation for side drain. Ch.:0+162-0+150 08:00-) Curing of pavement concrete. Night Ch.:0+162.50-0+150.50 19:00- 23:45) Placement of invert Concrete (12m³)
PH I-1 Center Crown	Day Ch.: 0+220.4-0+230 08:30-) Drilling for PS tendon up to 6m. Night F Ch.:0+241 Ch: 0+203.55-0+220 20:00-) Drilling for PS Tendons on Scaffolding platform up to 6m. Ch.0+165-0+103 20:30-) back fill	Day Ch.: 0+202.4-0+214 08:30-) Drilling for PS tendon up to 6m. Ch.:0+196-0+198 08:00-09:30) Drilling for PS tendon up to 14m. Night F Ch.:0+241 Ch: 0+203.55-0+220 20:00-) Drilling for PS Tendons on Scaffolding	Day Ch.: 0+202.4-0+214 08:30-) Drilling for PS tendon up to 6m. Ch.:0+164 08:50-10:00) Drilling for PS tendon up to 14m. Night F Ch.:0+241 Ch.: 0+202.4-0+214 20:50-) Drilling for PS Tendons on Scaffolding	Day Ch.: 0+202.4-0+214 08:30-) Drilling for PS tendon up to 6m. Night F Ch.:0+241 Ch.: 0+200.0-0+216.0 20:50-) Drilling for PS Tendons on Scaffolding platform up to 6m. Ch... 0+203.55-0+205.85	Day Ch.: 0+202.4-0+214 08:30-) Drilling for PS tendon up to 6m. Night F Ch.:0+241 Ch.: 0+203.0-0+198.0 20:50-) Drilling for PS Tendons on Scaffolding platform up to 6m. Ch.: 0+196.0-0+180.0 21:00-) Drilling for PS Tendons up to 14m	Day Ch.: 0+196.5-200 08:30-) Drilling for PS tendon up to 6m. Night F Ch.:0+241 Ch.: 0+203.0-0+198.0 20:50-) Drilling for PS Tendons on Scaffolding platform up to 6m.	Day Ch.: 0+196.5-200 10:40-) Drilling for PS tendon up to 6m. Ch.: 0+180- 8:30- 11:20) Installation of support bars for PS tendon Night F Ch.:0+241 Ch.: 0+203.0-0+198.0

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	grouting for PS tendons Location: PH47-11(332.2kg) PH47-2(235.5kg) PH64-3(173.1kg), PH72-12(164.4kg) Ch.:+050-0+30.0 20:00-) Installation of supporting bars for PS tendons	platform up to 6m. Ch.0+212-0+224.25-20:00-1:45) Water pressure test for PS tendons (14 pcs) Location: PH98-8(3.6), PH97-11(3.7), PH95-9(2.9), PH96-10(3.8) PH96-9(4.2), PH96-3(3.1), PH95-8(4.0), PH95-7(2.7), PH95-6(2.8), PH94-6(3.0), PH94-9(2.1), PH94-8(3.4), PH94-7(3.8), PH93-6(3.2)	platform up to 6m. Ch.: 0+147.0~20:40-00:15) Drilling for PS Tendon up to 6m.	21:30-01:30) Water pressure test Upton 6m for PS tendons 06Pcs Location: PH90-5 (4.5) PH90-6 (4.9) PH90-7 (3.4) PH89-7 (4.6) PH89-5 (3.9) PH89-6 (3.7), Ch. 0+125.35-0+127.65 00:20-) Grouting for PS tendons 2Pcs & is in progress... Location: PH55-12 (272.8kg), PH56-11 (377.2kg)			
PH II-1	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity CGGC site staff did not came to site due to roadblock at Char mullah	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity CGGC site staff did not came to site due to roadblock at Char mullah	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity CGGC site staff did not came to site due to roadblock at Char mullah	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity CGGC site staff did not came to site due to roadblock at Char mullah	Day No activity Night No activity	Day No activity Night No activity	No activity
PH II-2(1)+Ph. II-2(2) (Left and Right)	Day II-2 RIGHT No Activity due resources limitation II-2 Left No Activity due resources limitation. Night II-2 RIGHT Ch.:+202-0+190.0 22:55-) Drilling for PS tendons II-2 LEFT Ch.:+80.0-75.0 20:30-) Drilling for cutting rebar's.	Day II-2 RIGHT Ch.:+070-0+055 08:00-) Fixing of Support Bar for PS Tendon Ch.:+050-0+080 08:10- 15:00) Fixing of Bearing plates of TRB's Ch.:+136 10:00-) Drilling for PS Tendon up to 14m. II-2 Left Ch.:+078.5-0+070 08:00-) Drilling for Rebar Cutting Night II-2 RIGHT Ch.:+126.0-0+115.0 20:30-) Drilling for PS tendons II-2 LEFT Ch.:+75.0-0+65.0 20:30-) Drilling for cutting rebar's Ch.:+60-0+000.0 20:00-) Side drainage cleaning by manually Ch.:+135.0-0+150.0 01:10-) Drilling for PS tendon up to 14m.	Day II-2 RIGHT Ch.:+08:00- 14:30) Installation of PS Tendon Location: P58-11, P57-11, 13, P56, 11, P55-12, P54-11, 12, P53-11, 12 Ch.:+115-0+070 09:00-) Drilling for PS Tendon up to 14m. II-2 Left Ch.:+067-0+050 08:00-12:30) Drilling for Rebar Cutting 10:00-) Water Pressure Test Location: P72-9(3.2), P71-7(2.0), P69-6(1.4), P72-8(2.1), P71-8(4.5), P72-7(2.4), P72-6(4.4), P70-6(2.1), P71-6(4.9), P71-9(6.0, Fail) Night II-2 RIGHT Ch.:+076.0-20:40-) Drilling for PS tendon up to 14m Ch. 0+120.75 ~ 0+132.25 21:10-) Packer Grouting & Packing of PS Tendon (09 Pcs) Location: PH53-11, 12 PH54-11, 12, PH55-12, PH56-11, PH58-11, PH57-11, 13 II-2 LEFT Ch.:+65.0-20:45-) Drilling for cutting rebar's 21:00-02:20) Shifting and placing of PS Tendons	Day II-2 RIGHT Ch.:+0+72.45-0+79.35 08:00-12:30) Installation of PS Tendon Location: P33-13, P32-13, 12, P35-13, 12 Ch.:+125-0+070 09:00-) Drilling for PS Tendon up to 14m Ch.:+72.45-0+79.35 14:00-14:50) Packer grouting Location: P32-13(8.4kg), P32-14(8.7kg), P33-14(9.7kg), P35-14(7.9kg), P35-13(8.5kg) Ch:0+129.95-15:00-16:30) Grouting for PS Tendon Location: P57-13(280kg), P54-12(255.9kg) Night II-2 Left Ch.:+067-0+050 08:00-12:30) Drilling for Rebar Cutting	Day II-2 RIGHT Ch.:+08:00-12:30) Installation of PS Tendon (8 PCS) Location: P46-11, P47-11, P51-11, P60-11, P61-12, P56-13, and P54-13, P56-12 Ch.:+070-0+060 09:00-12:30) Drilling for PS Tendon up to 14m Ch.:+200- 01:00-) Drilling for PS Tendon up to 14m Ch:0+129.95-15:00-16:30) Grouting for PS Tendon (10 PCS) Location: P53-12(272.0kg), P58-11(234.5kg), P32-13(255.3kg), P32-12(264.0kg), P33-13(221.1kg), P35-12(152.6kg), P35-13(255.7kg), P53-11(362.8kg), P54-11(277.2kg), P57-11(240.3kg) II-2 Left Ch.:+050 08:00-) Drilling for Rebar Cutting Note: Drilling Machine frequently breakdown during cutting. Night II-2 RIGHT Ch.:+104.65 ~ 0+139.15 20:30-) Packer grouting and packing of PS tendons Location:- PH61-12, PH60-11, PH46-11, PH74-11, PH51-11, PH54-13, PH56-12, PH56-13, Ch. 0+031.05 ~ 0+027.6 20:00-02:32) Fixing of Tension rock bolt Nuts and Tensioning of TRBs. Location: -R73-2, -R74-2, -R75-2, -R76-2, -R74-3, -R76-3, -R73-3, -R76-4, (-R75-3 TRB rotated during tensioning) II-2 LEFT Ch.:+050.0-0+045 20:30-) Drilling for cutting rebar's	Day II-2 RIGHT Ch.:+087.5-088.5 08:00-10:10) Installation of PS Tendon (8 PCS) Location: P30-13, 12, P31-11, 12, 13, P32-11, P39-13, 12 Ch.:+200-0+210 08:00-10:10) Drilling for PS Tendon up to 14m Ch:0+104.65-0+136.85 08:15-15:00) Grouting for PS Tendon (4 PCS) Location: P56-13(246 kg), P46-11(243.5 kg), P47-11(225 kg), P51-11 (266.2 kg), P56- 12(327.8kg), P61-12(238.0kg), P54-13(279.2kg), P60-11(272.0kg) CH:0+087.5-0+88.5 15:10-15:45) Grouting of Packer Location: P30-12,13, P31-11,12,13, P32-11 II-2 Left Ch.:+045 08:00-) Drilling for Rebar Cutting Night II-2 RIGHT Ch.: 0+240.0 ~ 0+230.0 21:00-) Drilling for PS Tendons up to 14m Ch.:+70.15-0+67.85 20:30-) Grouting of PS tendons 05 PCs Location:- PH30-13 (327.1kg), PH31-13 (188.5kg), PH31-12 (502.1kg), PH30-12 (237.3kg), PH31-11 (310.9kg) Ch. 0+60.5-0+58.65 20:00-02:45) Fixing of Tension rock bolt Nuts and Tensioning of TRBs 05Pcs Location: -R48-2, -R49-2, -R47-3,4, (-R47-2 TRB Rotated during tensioning) II-2 LEFT Ch.:+224.25-0+238.5 21:00-) Installation of PS Tendon (05Pcs) Location: PH104-5, PH103-4, PH100-4, and PH100-5, PH98-4 Ch.:+045.0-0+035 20:30-) Drilling for cutting rebar's	Day II-2 RIGHT Ch.:+0190-0+200 08:00-10:30) Drilling for PS Tendon up to 14m Ch.:+0+238- 8:20-) Drilling for PS Tendon up to 14m Ch:0+104.65-0+136.85 9:00-10:00) Grouting for PS Tendon (1 PCS) Location: P39-13(322 kg) Night II-2 Left Ch.:+040 10:40-) Drilling for Rebar Cutting 14:00-15:00) Tensioning of TRB. Location: -L12-1,2, -L8-2
PH I-2 Left Crown	Day F.Ch:0+241.0- Approx Night F.Ch:0+241.0- Approx NO Activity due to limited resources.	Day F.Ch:0+241.0- Approx Night F.Ch:0+241.0- Approx NO Activity due to limited resources.	Day F.Ch:0+241.0- Approx No Activity due to limited resources Night F.Ch:0+241.0- Approx NO Activity due to resources limitation.	Day No Activity Night F.Ch:0+241.0- Approx No Activity due to limited resources	Day No activity due to limited resource Night No Activity due to limited recourse	Day No activity due to limited resource Night No Activity due to limited recourse	Day No activity due to limited resource Night No Activity due to limited recourse
PH I-3 Right Crown	Day F.Ch:0+241.0- Approx NO Activity due to resources limitation. Night F.Ch:0+241.0(D/S) NO Activity due to limited resources	Day F.Ch:0+241.0- Approx NO Activity due to resources limitation. Night F.Ch:0+241.0(D/S) NO Activity due to limited resources	Day F.Ch:0+241.0(D/S) NO Activity due to limited resources Night No Activity	Day F.Ch:0+241.0- Approx NO Activity due to resources limitation. Night F.Ch:0+241.0(D/S) No Activity due to limited resources	Day No activity due to limited resource Night No Activity due to limited recourse	Day No activity due to limited resource Night No Activity due to limited recourse	Day No activity due to limited resource Night No Activity due to limited recourse

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Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 2	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 10:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 20:30-) Fixing of rebar mesh.	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 10:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 20:30-) Fixing of rebar mesh.	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 10:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 No Activity due to limited resources	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 09:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 No Activity due to limited resources	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 09:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 Activity due to limited resources	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 09:00-) Fixing of rebar mesh. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 20:00-) Welding of distance bars	Day PAT 2 Plug Area Ch.:0+234.0-0+250.0 09:00-) Rectification of rebar mesh. Inspection was carried out and found not ok. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0
Penstock Admit Tunnel towards Lower pressure Tunnel No 1-manifold area	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limitation of resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limitation of resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area NO Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug NO Activity due to limited resources.
STB from Powerhouse Connection Tunnel	Day F. Ch.:0+129.0(Approx.) Night F.Ch:0+128.5- NO Activity due to limited resources	Day F. Ch.:0+129.0(Approx) Night F.Ch:0+128.5- NO Activity due to limited resources	Day F. Ch.:0+129.0(Approx) Night F.Ch:0+128.5- NO Activity due to limited resources	Day F. Ch.:0+129.0(Approx) Night F.Ch:0+128.5- NO Activity due to limited resources	Day F. Ch.:0+129.0(Approx) Night F.Ch:0+128.5- 23:10-00:45) Thickness test is carried out	Day F. Ch.:0+129.0(Approx) Night F.Ch:0+128.5- Ch.:0+000-0+096.0	Day F. Ch.:0+129.0(Approx) 11:00- 15:30) Drilling for blast 15:35- Charging for blast Night F.Ch:0+128.5- Ch.:0+000-0+096.0
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day VAT Junction Area Note: No Activity due to labors shift change & also unviability of MT due to dumper incidents. RIGHT GALLERY No Activity due to limited resources LEFT GALLERY 10:00-11:00) Assembling of steel channel platform. Note: ventilation problem. Night Ch:0+315- 22:25-) Drilling for weeps holes Note: Non-Functional Ventilation	Day VAT Junction Area 08:00- 15:30) Installation of ventilation Fan RIGHT GALLERY 08:00-) Assembling of steel channel platform. LEFT GALLERY No Activity Note: ventilation problem. Night Ch:0+330-0+360.0 20:00-) Drilling for weeps holes Note: Non-Functional Ventilation	Day VAT Junction Area 08:30-11:00) Installation of ventilation Fan RIGHT GALLERY 08:00-) Assembling of steel channel platform. LEFT GALLERY 08:00-) Assembling of steel channel platform. Note: ventilation problem. Night Ch: 0+395 - 0+425.0 21:30-00:00) Thickness test carried out. Note: Non-Functional Ventilation	Day VAT Junction Area RIGHT GALLERY 08:00-) Assembling of steel channel platform. LEFT GALLERY 08:00-) Assembling of steel channel platform. Note: ventilation problem. Night Ch: 0+300 - 0+485.0 22:00-00:30) Thickness test carried out. Note:- Contractor notified to apply remedial shotcrete on highlighted location.	Day VAT Junction Area RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY Note: ventilation problem. Night No Activity due to resources limitation Ch:0+400.0-0+450.0 22:55-00:15) Remedial shotcrete Qty=06m³	Day Ch.: 0+410- 9:00-12:00) Extension of ventilation duct. RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY Note: ventilation problem. Night Ch.:0+400.0-0+450.0 22:55-00:15) Remedial shotcrete Qty=06m³	Day RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation Note: Ventilation problem. Night El:▼0+979-0+971 08:20-17:30) Excavation & Mucking
INTAKE AREA	Day El:▼0+979-0+971 No Activity due to limited resources	Day El:▼0+979-0+971 8:20-) Excavation Nigh T	Day El:▼0+979-0+971 8:20-) Excavation 8:40-) Drilling for blast	Day El:▼0+979-0+971 8:20-) Excavation 8:31-14:29) Drilling for boulder blast Note: From 14:29 till now Drilling stop due to drilling machine are breakdown.	Day El:▼0+979-0+971 8:20-09:50) Excavation 09:55-12:41) Charging for blast Exp=850kg 13:00) Blast carried out No of holes=106 depth of hole=3.5m 16:30-) Mucking is in progress...	Day El:▼0+979-0+971 No Activity due to rain	Day Day work order 07:40-09:20) Removing of debris material from 09:20-12:30) Activity stop due to raining & lunch break Note: *After lunch no activity due to rain. *Pace of work was slow
Switchyard Compounds	Day Day work order 7:30-) Removal of debris material. Note: Pace of work was slow (5th layer center portion) 8:00-15:00) Reinforcement & Form working for Side Drainage/Nullah 15:00-) preparation for Concrete El:▼947.0-944.0 5th layer Center to right Portion 08:00-) Manually Excavation, Mucking and cleaning of side drain El:▼945.0-950.0 3rd layer Center Portion 8:00-) Excavation & mucking El:▼947.0-950.0 3rd layer Center Portion 8:00-) Drilling for Blast	Day Day work order 7:30-) Removal of debris material. Note: Pace of work was slow. (5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El:▼947.0-944.0 5th layer Center to right Portion 09:00-) Manually Excavation, Mucking and cleaning of side drain El:▼945.0-950.0 3rd layer Center Portion 8:30-) Excavation & mucking El:▼947.0-950.0 3rd layer Center Portion 8:00-10:00) Drilling for Blast (Remaining	Day Day work order 7:30-) Removal of debris material. Note: Pace of work was slow. (El:▼958-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El:▼947.0-944.0 5th layer Center to right Portion 09:00-) Manually Excavation, Mucking and cleaning of side drain El:▼945.0-950.0 3rd layer Center Portion No Activity El:▼947.0-950.0 3rd layer Center Portion No Activity El:▼938.0-935.0 2nd	Day Day work order 7:30-) Removal of debris material. Note: Pace of work was slow. (El:▼958-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El:▼940.0-950.0 3rd layer Center Portion) 08:17-) Excavation & mucking El:▼947.0-950.0 3rd layer Center Portion No Activity El:▼938.0-935.0 2nd layer Right Portion No Activity Note: Contractor is notified to cure shotcrete properly. Night El▼950-947.0(3rd layer left portion)	Day Day work order 7:30-) Removal of debris material. Note: Pace of work was slow (El:▼958-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah 08:00-) Invert cleaning of side drains El:▼940.0-950.0 3rd layer Center Portion) 08:17-13:50) Excavation with jack hammer 13:50-) Mucking El:▼947.0-950.0 3rd layer Center Portion No Activity El:▼938.0-935.0 2nd layer Right Portion No Activity Note: Contractor is notified to cure shotcrete properly	Day (El:▼958-952.5 5th layer center portion) No Activity due to rain El:▼940.0-950.0 3rd layer left Portion) 07:40-09:00) Drilling for weep holes & installation of plc. pipe. El:▼947.0-950.0 3rd layer Center Portion No Activity due to rain El:▼938.0-935.0 2nd layer Right Portion No Activity Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)	Day (El:▼958-952.5 5th layer center portion) 8:00-09:20) Reinforcement & Form working for Side Drainage/Nullah 08:00-09:20) Invert cleaning of side drain from 09:20 activity stop due to raining El:▼940.0-950.0 3rd layer left Portion) No Activity due to rain El:▼947.0-950.0 3rd layer Center Portion No Activity due to rain El:▼938.0-935.0 2nd layer Right Portion No Activity due to rain

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	(Remaining Portion) El: ▼936.0~940.0 2nd layer Right Portion No Activity Night El ▼950~947.0(3rd layer left portion) El ▼940.0~938.0(2nd layer right portion)	Portion) El: ▼936.0~940.0 2nd layer Right Portion 10:50- 13:40) Shotcrete 2nd layer. (16 m³ PS) Note: Contractor is notified to cure shotcrete properly. Night El ▼950~947.0(3rd layer left portion) El ▼940.0~938.0(2nd layer right portion)	layer Right Portion 8:00-) Excavation Note: Contractor is notified to cure shotcrete properly Night El ▼950~947.0(3rd layer left portion) El ▼940.0~938.0(2nd layer right portion)	El ▼940.0~938.0(2nd layer right portion)				
Provision of Security Measure	Day Sentry Tower CT-02 No Activity Sentry Tower Shushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. 7:30-11:30) Fixing of steel sheets for roof of washroom. (4 pcs) Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	
LU-1	Day NO Activity due to limited resources	DAY NO activity	Day No Activity due to limited resources	Day KKH upstream of CR-9 Main Gate. No Activity	Day No activity Night No activity	Day No Activity due to limited resources	Day No Activity due to limited resources	
Date/ Day	8	9	10	11	12	13	14	
Location	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Tailrace Tunnels 1 CT2	Day F.Ch: 1+524.(U/S) 12:00~13:00) Survey for blast 14:00~16:50) Drilling for blast 17:00~18:10) Charging for blast 18:20) Blast carried out F.Ch:1+638.0 (D/S) Ch.:1+635~1+638.0 08:50~09:31) Second layer shotcrete PS Qty=7.0m³ CH:1+633.0 11:00~13:00) Drilling for rock dowels 13:30~14:30) Grouting for rock dowels (11pcs) Used cement=150kg NOTE: Ventilation & illumination problem's Night F.Ch: 1+524.(U/S) 00:30~) Mucking and scaling F.Ch:1+635.00 (D/S) No Activity due to resources limitation	Day F.Ch: 1+524.(U/S) Ch.: 1+524 - 1+521 14:00 - 17:00) installation of wire mesh (10pcs) 17:15~18:00) 2nd layer shotcrete 7m³ F.Ch:1+638.0 (D/S) 7:30-8:00) Survey for blast 8:00-13:00) Drilling for blast 17:00~18:00) Charging for blast EXP=310kg Night F.Ch: 1+524.(U/S) Ch.:1+525.5 23:00~23:40) Drilling for Rock Dowels Ch.:1+579.0~1+530.0 23:40~01:00) Drilling for Weep Holes F.Ch:1+638.00 (D/S) 20:40) Blast carried out 01:00~) Mucking and scaling	Day F.Ch: 1+521.0~(U/S) 08:00~13:00) Drilling for blast F.Ch:1+641.5~(D/S) 08:00~08:30) Mapping Qv=2.08 Ch.: 1+638.0~1+641.5 10:50~11:25) 1st layer shotcrete PS Qty=5.0m³ 14:00~18:00) Fixing of wire mesh 10Pcs 08:30~09:00) Survey for blast Night F.Ch: 1+521.0 (U/S) 19:00~20:10) Charging for blast 20:20) Blast Carried out 21:00~23:45) Mucking & Scaling F.Ch:1+641.5 (D/S) Ch.: 1+638.0~1+641.5 21:40~22:30) 2nd layer shotcrete Qty=8.0m³ Ch.:1+633.0 11:20~) Drilling for rock dowels	DAY F.Ch: 1+521.0~(U/S) Ch.:1+521.0~1+518.0 14:30~19:00) Fixing of wire mesh F.Ch:1+641.5 (D/S) 08:30~12:00) Drilling for blast 12:00~13:33) Charging for blast (Exp=360kg) 13:45) Blast carried out 14:10~19:00) Mucking & scaling NOTE: Ventilation & illumination problem's Night F.Ch: 1+521.0 (U/S) Ch.:1+521.0~1+518.0 20:20~21:00) 2nd Layer Shotcrete Qty=7m³ 00:20~03:40) Drilling for rock dowels 03:50~06:00) Grouting for rock dowels (11pcs) Ch:1+641.5 (D/S) 19:30~20:20) Survey & Mapping Qv=2.29 F.Ch: 1+644.0~1+641.5 (D/S) 21:10~21:35) 1st Layer shotcrete Qty=4m³ Ch: 1+644.0~1+641.0 00:10~02:00) Fixing of wire mesh Qty=9.5Pcs 03:00~03:40) 2nd Layer Shotcrete Qty=8m³	DAY F.Ch: 1+521.0~(U/S) Ch.:1+521.0~1+518.0 14:30~19:00) Fixing of wire mesh F.Ch:1+641.5 (D/S) 08:30~12:00) Drilling for blast 12:00~13:33) Charging for blast (Exp=360kg) 13:45) Blast carried out 14:10~19:00) Mucking & scaling NOTE: Ventilation & illumination problem's Night F.Ch: 1+521.0 (U/S) Ch.:1+521.0~1+518.0 20:20~21:00) 2nd Layer Shotcrete Qty=7m³ 00:20~03:40) Drilling for rock dowels 03:50~06:00) Grouting for rock dowels (11pcs) Ch:1+641.5 (D/S) 19:30~20:20) Survey & Mapping Qv=2.29 F.Ch: 1+644.0~1+641.5 (D/S) 21:10~21:35) 1st Layer shotcrete Qty=4m³ Ch: 1+644.0~1+641.0 00:10~02:00) Fixing of wire mesh Qty=9.5Pcs 03:00~03:40) 2nd Layer Shotcrete Qty=8m³	Day F.Ch: 1+518.0~ (U/S) 08:00~13:00) Drilling for blast 18:30~19:00) Charging for blast Exp=370Kg F.Ch:1+641.5 (D/S) Ch.: 1+639.0 07:00~9:00) Drilling for rock dowels 09:20~10:30) Grouting for rock dowels 08 pcs installed. All 08 pcs were rejected due to unavailability of measuring scales and proper equipment for grouting. Issue highlighted to the contractor before start of grouting, but foreman and qc refused to follow and continued the grouting for rock dowels. NOTE: Ventilation & illumination problem at site. Night F.Ch: 1+514.0~ (U/S) No Activity F.Ch:1+644.0~ (D/S) 19:30) Blast Carried out 20:20~00:50) Mucking & Scaling F.Ch: 1+518.0~(U/S) 19:15) Blast Carried out Note: Mucking was not started due to drilling for drainage pond at CT-2 Admit tunnels Ch:1+641.5 (D/S) No Activity	Day F.Ch: 1+514.0~ (U/S) 08:00~08:30) Mapping Qv=2.28 08:30~09:00) Survey for blast Ch.:1+518.0~1+514.0 15:50~16:15) 1st layer shotcrete Qty=5m³ F.Ch:1+644.0~ (D/S) 07:35~12:15) Drilling for blast 18:00~19:30) Charging for blast Exp=390kg NOTE: Ventilation & illumination problem at site. Night F.Ch: 1+514.0~ (U/S) No Activity F.Ch:1+644.0~ (D/S) 19:30) Blast Carried out 20:20~00:50) Mucking & Scaling F.Ch: 1+518.0~(U/S) 19:15) Blast Carried out Note: Mucking was not started due to drilling for drainage pond at CT-2 Admit tunnels Ch:1+641.5 (D/S) No Activity	Day F.Ch: 1+514.0~ (U/S) Ch.: 1+518.0~1+514.0 08:45~09:33) Second layer shotcrete PS Qty=7.0m³ F.Ch:1+647.0~ (D/S) Ch.: 1+644.0~1+647.0 07:00~11:17) Fixing of wire mesh (Qty=10pcs) 12:00~12:45) Second layer shotcrete PS Qty=7.0m³ NOTE: Ventilation & illumination problem at site. Night F.Ch: 1+514.0~ (U/S) Ch:1+519.5 03:00~04:50) Drilling for Rock Dowels F.Ch:1+647.0~ (D/S) Ch.:1+642.0 01:30~3:00) Drilling for Rock Dowels 05:00~06:15) Installation & Grouting of Rock dowels 11Pcs Note: No Activity due to electricity problems from 18:00~01:00
Tailrace Tunnels 2 CT2	Day F.Ch:1+596.0~ (U/S) 08:00~13:00) Drilling for blast 16:00~17:10) Charging for blast 17:20) Blast carried out F.Ch:1+685.5 (D/S) No Activity due to resources limitation. NOTE: Ventilation & illumination problem's Night	Day F.Ch:1+593.0~1+593 (U/S) 7:00~10:00) Fixing of wire mesh.(10 pcs) 13:00 - 14:00) 2nd layer Shotcrete Qty = 07m³ F.Ch:1+688 (D/S) 14:00 -17:00) Drilling for blast 18:00~18:40) Charging for blast EXP=300kg Ch.: 1+685~1+688 9:00-9:55) 2nd layer shotcrete. (7m³) NOTE:	Day F.Ch: 1+593 (U/S) 10:00~10:45) Survey for blast 14:15~18:00) Drilling for blast 18:00~18:45) Charging for blast Exp=370Kg F.Ch:1+691.5 (D/S) Ch.: 1+688.0~1+691.5 07:00~10:00) Fixing of wire mesh (06pcs) Night	Day F.Ch: 1+593.0~ (U/S) Ch.:1+593.0~1+590.0 07:30~10:36) Fixing of wire mesh (10pcs) 17:00~17:30) 2nd layer shotcrete Qty=7m³ F.Ch:1+691.5 (D/S) Ch.: 1+684.0~1+687.0 11:00~13:09) Grouting for rock dowels (14pcs) Used cement=200kg	Day F.Ch:1+590.0 U/S No Activity F.Ch:1+691.5~ (D/S) 14:15~17:45) Drilling for blast 18:00~19:00) Charging for blast Exp=370Kg Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688 Excessive water seepage	Day F.Ch:1+590.0~ U/S 10:00~10:39) Survey for blast 13:30~17:45) Drilling for blast 18:00~19:30) Charging for blast Exp=370kg F.Ch:1+694.5~ (D/S) 07:30~10:00) Mucking & scaling Ch.:1+691.5~1+694.5	Day F.Ch: 1+590.0~ U/S Ch.: 1+587.0~1+590.0 09:50~10:30) 1st layer shotcrete PS Qty=5.0m³ F.Ch:1+694.5~ (D/S) 08:30~16:00) Drilling for blast 16:30~17:30) Charging for blast	

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	Ch: 1+596.0~1+593.0 19:30-00:10) Mucking and scaling F.Ch: 1+593.0 Approx U/S 00:20-00:40) Mapping Qv=2.47 F.Ch:1+685.5 (D/S) No Activity due to resources limitation.	Ventilation & illumination problem's Night F.Ch:1+593.0 U/S (Approx) Ch:1+596.0 01:30-) Drilling for rock dowels F.Ch:1+688.0 (D/S) 20:40) Blast carried out 21:30-01:20) Mucking and scaling	F.Ch: 1+593 (U/S) 10:00-10:45) Survey for blast 14:15-18:00) Drilling for blast 18:00-18:45) Charging for blast Exp=370Kg F.Ch:1+691.5 (D/S) Ch.: 1+688.0~1+691.5 07:00-10:00) Fixing of wire mesh (06pcs)	Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688 Excessive water seepage from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+590.0 U/S No Activity Night F.Ch:1+591.0 U/S Ch.:1+593.0 22:00-00:20) Drilling for rock dowels 03:50-06:00) Grouting for rock dowels (09pcs) F.Ch:1+691.5.0 (D/S) No Activity	from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+590.0 U/S 19:20) Blast Carried out Note: Mucking was not started due to drilling for drainage pond at CT-2 Adit tunnels	16:20-16:50) 1st layer shotcrete Qty=5m³ Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688 Excessive water seepage from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+590.0- U/S 19:30) Blast Carried out 01:15-) Mucking & Scaling F.Ch:1+694.5.0 (D/S) Ch.:1+691.5~1+694.5 21:30-) Fixing of wire mesh	Exp=360Kg 18:09) Blast Carried out Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688.0 - 1+688.0 Excessive water seepage from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+590.0- U/S Ch.: 1+587.0-1+590.0 01:00-04:00) Fixing of wire mesh 9Pcs 04:50-05:30) 2nd layer shotcrete 08m³ Ch:1+694.5-1+697.5 (D/S) 20:20-03:00) Mucking & Scaling 03:00-03:30) Survey & Mapping Qv=2.81 03:40-04:20) 1st Layer shotcrete 05m³ Note: Electricity problems from 18:00-01:00
ADFT	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity
Tailrace Tunnels 1 CT 1	Day F.ch:0+001 (U/S) F.Ch: 0+018 (D/S) 8:30-) Drilling for blast Night F.ch:0+001 (U/S) No Activity F.Ch: 0+018 (D/S) 20:00-22:00 & 00:10-) Drilling for blast After 22:00 Drilling for blast stopped due to electricity problems	Day F.ch:0+001 (U/S) F.Ch: 0+018 (D/S) 9:00- 11:10) Charging for blast (250 kg) 13:09) Blast Carried Out Note: Mucking not started yet. Night F.ch:0+001 (U/S) No Activity F.Ch: 0+018 (D/S) 20:00-) Mucking and scaling	Day F.ch:0+001 - 004 (U/S) Ch.:0+004-0+001 10:40-14:30) Fixing of wire mesh (4pcs) F.Ch: 0+021 (D/S) Ch.:0+021-0+018 9:10-9:45) Shotcrete 1st layer (8m³ PS) 10:15- 10:30) Mapping Qv=0.93 14:25-15:10) Shotcrete 1st layer (8m³) Night F.ch:0+001 - 004 (U/S) Ch.:0+004-0+001 22:45-) Fixing of wire mesh F.Ch: 0+021 (D/S) Ch.:0+021-0+018 22:45-) Fixing of wire mesh	Day F.ch:0+001 - 004 (U/S) Ch.:0+004-0+001 08:15- Fixing of wire mesh (6pcs) Night F.ch:0+001 - 004 (U/S) No Activity F.Ch: 0+021 (D/S) Ch.:0+021-0+018 22:45-) Fixing of wire mesh	Day F.ch:0+001 - 004 (U/S) Ch.:0+004-0+001 08:15 - 16:00) Fixing of wire mesh (4pcs) Night F.ch:0+001 - 004 (U/S) No Activity due to limited resources F.Ch: 0+021 (D/S) No Activity due to limited resources	Day F.ch:0+001 - 004 (U/S) No Activity due to limited resources Night F.Ch:0+001 (Approx) (U/S) Ch:0+001 - 004 22:05-22:55) 2nd layer shotcrete Qty=8m³ Ch:0+001 - 0+018 23:25-00:05) 2nd layer shotcrete on right wall Qty=8m³ F.Ch:0+21.0 (Approx) (D/S) Ch:0+18-0+21.0 (D/S) 00:20-01:00) 2nd layer shotcrete Qty=8m³	Day F.ch:0+001 - 004 (U/S) Ch:0+001 - 004 09:00-10:45) Rectification of wire mesh Night Transition Area Ch:0+007.5 - 015.5 20:20-01:30) Fixing of 2nd layer wire mesh 6Pcs F.Ch:0+21.0 (Approx) (D/S) No Activity
Tailrace Tunnels 2 CT 1	Day Transition Area Ch.:0+003-0+010 08:00-16:00) Fixing of 2nd layer Wire mesh. Night Transition Area Ch.:0+002-0+017 21:30-01:10) 3rd layer shotcrete Qty= 24.0m³ Ch.:0+002-0+017 01:30-) Invert Levelling	Day Transition Area Ch.:0+002-0+018 8:00-) Invert excavation and mucking Note: Ventilation Problem during excavation and mucking Night Ch.:0+018.0 (Approx) D/S 00:10-00:30) Survey for b	Day F.Ch. 0+018 (Approx) 8:00-11:30) Drilling for additional blast. 12:00- 12:50) Charging Exp=30kg 13:05) Blast carried out 13:45-14:35) Shifting mucking material to u/s side 15:00-) Drilling for Blast Night F.Ch.0+018.0 (Approx) D/S 22:45-) Drilling for blast	Day F.Ch.: 0+018 (Approx) 08:00-) Mucking Night F.Ch.0+018.0 (Approx) D/S 22:45-00:10) Drilling for blast 00:20-) Charging for blast (EXP=250kg) is in progress...	Day F.Ch.: 0+018 (Approx) 08:00-) Mucking Night F.Ch.: 0+018 (Approx) 19:30-) Mucking & Scaling 01:10-03:15) Charging for additional blast (EXP=50kg) 03:20) Blast carried out	Day F.Ch.: 0+018 (Approx) 08:00-10:00) Mucking and scaling Further No Activity due limited resources. Night F.Ch: 0+002.0 US 23:50-00:20) Survey for blast 01:30-) Drilling for blast Note: Contractor has been notified to provide previous support before further advancement. F.Ch. 0+021 (Approx) D/S Ch.:0+018-0+021.0 21:05-21:50) 1st layer shotcrete Qty=8m³	Day F.Ch:0+002 (U/S) 09:00-) Drilling for Blast F.Ch.: 0+022 (Approx) No Activity Night F.Ch: 0+002.0 US 19:30-23:50) Drilling for blast 00:10-) Charging for blast Exp=325Kg F.Ch.: 0+021 (Approx) D/S No Activity
TC 11	Day No activity Night Ch:0+240.0 22:00-) Pouring of Sika-Crete for head block of PS Tendon 2Pcs Location: 49-4, 49-6 Ch:0+235.5 20:30-) Assembling and installation formworks for PS tendon head block 2Pcs Location: 48-4, 48-6	Day Ch.: 11:00 -) Pouring of Sika Crete 114 Head block for PS tendons (02 pcs) Location: 48-4, 48-6 Night Ch:0+235.5 20:30-) Assembling, Form working & Pouring of Sika-Crete for PS tendon head block 2Pcs Location: 47-4, 47-6	Day Ch.: 225-0+230 8:00-) Form working for Head block of PS tendon. Location: P47-5, P46-6 Night Ch.: 225-0+230 00:30-) Pouring of Sika-Crete for Head block of PS tendon. Location: P47-5, P46-6Ch.: 225-0+230 00:30-) Pouring of Sika-Crete for Head block of PS tendon. Location: P47-5, P46-6	Day Ch.: 0+ 08:30 - 09:30) pouring of sika Crete 114 headblock 45-6 not started due to unsafe platform. 03:00-) Pouring of sika Crete 114 head block Location: P45-6 Ch.: 225-0+230 09:30-) Form working for Head block of PS tendon. Location: P46-5 Ch.: 0+170 08:45 - 12:00) arrangements for assembling of steel platform Night Ch.: 225-0+230 21:00-) Form working for Head block of PS tendon. Location: P44-6 Ch.: 0+170 20:00-) Welding works for	Day Ch.: 0+ 09:30-) Pouring of sika Crete 114 head block Location: P 44-6, P 46-5, 2:00-) Form working for Head Block of PS Tendon Location: P 44-5 Ch.: 0+170 08:30-) Welding works for assembling of steel platform Night Ch.: 210.5-0+220.5 21:00-) Form working for Head block of PS tendon. Location: P45-5, P43-6 Ch.: 0+215.5 20:30-) Pouring of sika Crete 114 head block Location: P 44-5, P45-5 Ch.: 0+170	Day Ch.: 0+ 09:30-) Pouring of sika Crete 114 head block Location: P 43-6, P46-4 08:30-) Form working for Head Block of PS Tendon Location: P 46-4 Ch.: 0+170 08:30-) Welding works for assembling of steel platform Night Ch.: 0+210.5-0+220.5 21:00-) Form working for Head block of PS tendon. Location: P45-4, P43-5, P42-5 Ch.: 0+220.5 20:30-) Pouring of sika Crete 114 head block Location: P45-4, P43-5 Ch.: 0+170	Day Ch.: 0+240-0+200 08:30-) Form working for Head Block of PS Tendon (05PCS) Location: P49-2, P44-4, P43-4, P42-6, P42-7 Ch.: 0+170 08:30-) Welding works for assembling of steel platform Night Ch.: 0+205.5-0+200.5 20:00-) Form working for Head block of PS tendon. Location: P42-4, P41-4, P42-7, P43-7 Ch.: 0+205.5 23:00-) Pouring of Sika Crete-114 for PS Tendon head block Location: P42-7, P41-4

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				assembling of steel platform.	20:00-) Welding works for assembling of steel platform.	20:00-) Welding works for assembling of steel platform.	4, P42-4 Ch.: 0+170 20:00-) Welding works for assembling of steel platform.
TC II-2(1)+TCII-2(2) (Left and Right)	Day II-2 Right No Activity due to resources limitation. Night I-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night ii-2 No Activity	Day I-2 Right No Activity due to resources limitation. Night No activity	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling.	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling.	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling.	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling.
TC Left crown I-2	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day No activity	Day ii-2 No Activity night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling.	Day ii-2 No Activity night F.Ch:0+241.0- (D/S) Ch:0+170.0 20:00-00:30) Drilling for extensometer 01:00-) Dismantling of scaffolding platform Note: Dry drilling causing ventilation problem.
TC Right crown I-3	Day No activity. Night No activity	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling	Day No activity	Day NO activity	Day No activity
Powerhouse Exhaust Tunnel	Day Ch.:0+152-0+140 08:00-) Cleaning, Removing under break and formwork installation for side drain. Inspection carried out and allowed for concrete. Ch.:0+162-0+152 08:00-) Curing of pavement concrete. Night Ch.:0+162-0+152 20:00-) Curing of pavement concrete. Ch. 0+140-0+130.0 20:00-) Invert cleaning for pavement concrete	Day Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.; 0+170.0-0+100.0 21:10-01:00) Invert leveling. Night Ch.:0+152-0+139 19:30-) Placement of invert Concrete (Qty = 21m³) Ch.:0+174-0+152 20:00-) Curing of pavement concrete	Day Ch.:0+140-0+112.0 08:00-) Cleaning, Removing under break and formwork installation for side drain. Ch.:0+162-0+140 08:00-) Curing of pavement concrete. Night Ch.:0+140-0+112.0 23:45) Cleaning & removing under break from invert. Ch.:0+162-0+140 23:45-) Curing of pavement concrete	Day Ch.:0+140-0+112.0 08:00-) Cleaning, removing under break and formwork installation for side drain. Ch.:0+162-0+140 08:00-) Curing of pavement concrete. Night Ch.:0+140-0+112.0 20:30-) Cleaning, removing under break and form working for side drain. Ch.:0+162-0+140 20:30-) Curing of pavement concrete.	Day Ch.:0+140-0+112.0 08:00-) Cleaning, removing under break and formwork installation for side drain. Ch.:0+162-0+140 08:00-) Curing of pavement concrete. Night Ch.:0+139-0+127 22:00-) Placements of concrete Qty=24m³ & is in progress...	Day Ch.:0+139-0+127 08:00-10:30) Pouring of concrete (3m³) Total Qty=45m³ Ch.:0+162-0+140 08:00-) Curing of pavement concrete. Night Ch.:0+125-0+112.0 20:00-) Cleaning, removing under break and form working for side drain. Ch.:0+162-0+127 20:00-) Curing of pavement concrete.	Day Ch.:0+127-0+115.0 20:00-) Cleaning, removing under break and form working for side drain. Ch.:0+162-0+140 08:00-) Curing of pavement concrete. Night Ch.:0+127-0+115.0 20:00-) Pouring of Pavement concrete Qty=36m³ & is in progress. Ch.:0+162-0+135 20:00-) Curing of pavement concrete
- PHI 1 Center crown	Day Ch.: 0+200 9:00-) Drilling for PS tendon up to 6m. Ch.: 0+170 8:00-11:00) Arrangement for Drilling for PS tendon up to 6m. 12:00-) Drilling for PS tendon up to 6m. Ch.: 0+200- 8:30-) Installation of support bars for PS tendon. 14:00-) WPT for PS tendon up to 6m. Location: P103-11(3.1), P105-11(3.1), P105-8(1.4), P104-12(4.9) Night F Ch.:0+241 Ch.: 0+200 20:30-) Drilling for PS Tendons on Scaffolding platform up to 6m. Ch.:0+155.0-161.0 20:30-) Drilling for PS Tendons on Scaffolding platform up to 6m.	Day Ch.: 0+196.5 8:00-) Drilling for PS tendon up to 6m. Ch.: 0+156.5 8:00-) Drilling for PS tendon up to 6m. Ch.: 0+230-0+240 8:30-10:00) Installation of support bars for PS tendon. Night F Ch.:0+241 Ch.: 0+196.5 20:30-) Drilling for PS Tendon on Scaffolding platform up to 6m. Ch.:0+156.5 20:30-) Drilling for PS Tendon on Scaffolding platform up to 6m	Day Ch.: 0+196.5 8:00-) Drilling for PS tendon up to 6m. Ch.: 0+230-0+240 8:20-) Installation of support bars for PS tendon. Night F Ch.:0+241 Ch.: 0+196.5 22:45-) Drilling for PS Tendon on Scaffolding platform up to 6m. Ch.:0+156.5 22:45-) Drilling for PS Tendon on Scaffolding platform up to 6m. Ch.: 0+47.15-0+88.55 00:20-01:25) Survey for PS Tendon	Day F Ch.:0+241 Ch.: 0+196 22:45-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+162 22:45-) Drilling for PS Tendon on Scaffolding platform up to 14m. Night F Ch.:0+241 No Activity due to limited resources	Day F Ch.:0+241 Ch.: 0+196 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+162 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Night F Ch.:0+241 Ch.: 0+196 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+164.5 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m.	Day F Ch.:0+241 Ch.: 0+196 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+162 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Night F Ch.:0+241 Ch.: 0+196 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+164.5 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m.	Day F Ch.:0+241 Ch.: 0+196 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+162 08:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Night F Ch.:0+241 Ch.: 0+192 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+153.0 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m.
PH II 1	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day No activity due to limited resource	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 No Activity due to limited resources CGGC site staff didn't came to site due to roadblock at Char mullah	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 No Activity due to limited resources CGGC site staff didn't came to site due to roadblock at Uchar nullah	Day F Ch.:0+241 No Activity due to limited resources CGGC site staff didn't came to site due to roadblock at Uchar nullah
PH I 2 Lift Crown	Day Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 NO Activity	Day II-2 Right CH: 0+ 010 - 08:30-) Drilling for rebar cutting Ch.: 0+185-8:00-) Drilling for PS	Day No activity	Night No activity

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					tendon up to 14m (5holes) Ch.:0+ 196.65 - 226.55 09:00- 11:30) Packer Grouting & packing for PS tendons Night II-2 Left No Activity due to resources limitation.		
PH II-2(1)+Ph. II-2(2) (Left and Right)	Day II-2 RIGHT D-Jumbo=0 Ch.:0+238~ 8:20-) Drilling for PS Tendon up to 14m (5 holes) 9:00- 15:45) Tensioning of TRB. (11 pcs) Location: -R43-5, -R41-5, -R36-2, -R39-3, -R37-4, -R37-5, -R42-3, -R43-3, -R38-3, -R39-4 II-2 Left Ch.:0+035 10:40-) Drilling for Rebar Cutting Contractor did dry drilling. OHS was notified about the issue. Ch:0+104.65~0+136.85 9:50-10:40) Grouting for PS Tendon (1 PC) Location: PH. P104-5(214.5 kg) Night I-2 RIGHT Ch.:0+225-0+218.0 21:00~) Drilling for PS Tendons up to 14m Ch. 0+62.1~0+34.5 20:00~) Fixing of TRBs Nuts and Tensioning of TRBs 07Pcs Location: -R46-3, -R42-3, -R48-3, -R51-2, -R61-4, -R71-3, -R70-2 Ch.:0+226.55-0+235.75 20:30~11:40) Installation of PS tendons 08Pcs Location: PH103-12, 13, PH102-13, PH101-13, PH100-13, 11, PH99-13, 12 Ch.:0+226.55-0+235.75 23:30~) Packer Grouting & Packing of PS Tendons 08Pcs Location: PH100-11, PH99-12, PH103-13, PH99-13, PH102-13, PH103-12, PH100-13, PH101-13, I-2 LEFT Ch.:0+20.0~0+25.0 20:00~) Drilling for rebar cutting Ch.:0+219.65 22:50~23:10) Grouting of PS tendons 01Pcs Location: PH 96-3 (236.6KG) Ch.:0+235.75~0+240.35 20:20~) Water Pressure Test 10Pcs	Day I-2 RIGHT D-Jumbo=0 Ch.: 0+ 219.65 - 0+ 238.05 09:00 -) Installation of PS tendons (09 pcs) location: 104-11, 98-13, 12, 97-13, 12, 96-13, 12, 99-13, 95-12 Ch.:0+220 8:20-) Drilling for PS Tendon up to 14m (5 holes) Ch.: 9:00-) Tensioning of TRB. (08 pcs) Location: -R38-4, -R13-4, -R17-4, -R39-4, -R19-4, -R21-4, -R23-4, -R15-4 Ch: 0+228.85 8:00-1) Grouting for PS Tendon (01 Pcs). Grouting stopped from 10:20 - 16:00 due to breakdown of grouting machine Location: PH. P99-12(317.4 kg) Note: PS Tendon # 104-11 came outside during grouting. The contractor installed a new tendon on the said location. Night II-2 RIGHT Ch.:0+219-0+215.0 21:00~) Drilling for PS Tendons up to 14m Ch. 0+57-5-0+11.5 20:00~) Fixing of TRBs Nuts and Tensioning of TRBs 10Pcs Location: -R62-4, -R65-2, -R58-3, -R50-3, -R54-2, -R77-2, -R83-2, -R84-3, -R87-4, -R90-3 (-R84-2 TRB Eject before tensioning, Hence Rejected) Ch.:0+228.85-0+235.75 01:00~03:35) Grouting of PS tendons 03 Pcs Location: PH103-13 (419.3KG), PH100-11 (278.3KG), PH 103-12 (243.9KG) II-2 LEFT Ch:0+010-0+000.0 20:00~) Drilling for rebar cutting	Day II-2 RIGHT D-Jumbo=0 Ch.:0+212~ 8:20-) Drilling for PS Tendon up to 14m (5 holes) CH:0+227~0+217.35 13:00-) Grouting for PS Tendon (08pcs) Location: 96-3(227.6), 95-12(233.5kg), 96-12(233.5kg), 97-12(224.8), 98-12(259.6kg) 99-13(233.1kg), 98-13(248.7kg) II-2 Left Ch.:0+039.1~0+044.50 08:45~) Fixing of TRBs Nut and Tensioning of TRBs (10pcs) Location: -L61-3, -L62-2, -L63-3, -L65-3, -L64-2, -L66-2, -L64-3, -L63-4, -L64-4, -L62-4 CH:0+000~0+010 14:00-) Drilling for rebar cutting Night II-2 RIGHT Ch.:0+219-0+214.0 01:00~) Drilling for PS Tendons up to 14m Ch. 0+98.9-0+94.3 22:45~) Fixing of TRBs Nuts and Tensioning of TRBs 04Pcs Location: -R18-4, -R17-3, -R15-4, -R14-4 Ch:0+005-0+000.0 22:45~) Drilling for rebar cutting	Day II-2 Right CH:0+000~0+010 08:30~) Drilling for rebar cutting Ch.: 0+203~8:00~) Drilling for PS tendon up to 14m (6holes) Ch.: 210.45~0+215.0 08:00~) Installation of PS tendons (9pcs) locations: P94-12, P93-11, 12, 13, P92-11, 13, P94-11, 13, P95-13 II-2 Left Ch.:0+051.75~0+036 08:45~) Fixing of TRBs Nut and Tensioning of TRBs (08pcs) Location: -L58-4, -L57-4, -L55-3, -L57-3, -L56-2, -L58-2, -L55-2, -L56-3, -L67-2, -L68-2, -L67-3, -L68-3, -L68-4 CH:238~0+196 09:00-) Water Pressure Test (11 pcs) locations: P87-6 (2.7), 88-7 (3.2), 88-6 (2.5), 88-5 (10.9), 86-6(3.2), 86-7(3.1), 87-7(2.6), 97-6(3.1), 98-9(2.8), 100-6(3.1), 104-6(2.6) Night II-2 RIGHT Ch.: 0+203~ 20:00~) Drilling for PS tendon up to 14m Ch.: 210.45~0+215.0 20:00~) Installation of PS tendons (07pcs) locations: PH96-11, PH97-11, PH99-11, PH95-11, PH91-11, PH85-11, PH85-12 Note: Grouting Labors is on strike II-2 LEFT No Activity due to limited resources	Day II-2 RIGHT Ch.: 0+178.5~ 20:00-) Drilling for PS tendon up to 14m Ch.:0+226.5~0+219.65 21:00~) Grouting for PS Tendon 14Pcs Location: PH99-11 (240Kg), PH97-11(254Kg), PH96-11 (386.2KG), PH92-3 (291.8Kg), PH94-11 (254.1KG), PH93-13 (230.6KG), PH95-11 (231.6KG), PH93-12 (239.5), PH91-11 (342.1KG), PH93-11 (261.9KG), PH95-13 (303.4KG), PH94-12 (346.1KG), PH94-13 248.6, PH92-11 236.4 Ch.:0+10~0+ 00:30~) Drilling for cutting rebar's Night II-2 LEFT Ch.:0+72.0~0+70.0 20:00~23:00) Drilling for PS tendon up to 6m Ch.:0+28.75~0+18.4 20:00~03:10) Fixing of TRBs Nut and Tensioning of TRBs (12pcs) Location: -	Day II-2 Right CH: 0+ 015~ 08:30-) Drilling for rebar cutting. Dry Drilling causes ventilation problem. Issue notified to OHS Ch.: 0+65~ 11:00-) Drilling for PS tendon up to 14m (4holes) Ch.:0+194~0+238 09:00- 11:30) Grouting of PS Tendon (03pcs) Location: 104-11(224.4kg), 85-11(297.8kg), 85-12(243.5kg) Ch.:0+205 08:15~) Installation of Support bar for PS Tendon CH:0+175.95~203.55 10:30~) Installation of PS tendon (09pcs) Location: P89-11,12, p88-11, p87-11, p80-13, p79-13, p78-13, p77-12,13) CH:0+203.55~0+208.15 02:00-) Packer Grouting for PS tendon Location: ph. 91-11(9.1kg), ph. 90-11(11.7kg), ph. 89-11(9.1kg), ph. 90-12(10.7kg) Ch:0+201.25~0+187.45 12:30-14:00) Water pressure Test Location: 88-5,91-12,82-13 II-2 Left Ch.:0+067~ 08:30-) Drilling for PS tendon up to 14m (6holes) Ch.:0+28.75~0+18.4 20:00~03:10) Fixing of TRBs Nut and Tensioning of TRBs (12pcs) Location: -L28-3, -L31-4, -L32-2 rejected due TRB rotating. Night II-2 Right CH: 0+ 018 00:25~) Drilling for rebar cutting. Dry Drilling causing ventilation problem. Issue notified to OHS Ch.: 0+40~ 20:00-) Drilling for PS tendon up to 06m Ch.:0+175.95~0+203.55 08:45~) Grouting for PS Tendon 09Pcs II-2 Left Ch.:0+1.5~0+17.25 20:00~3:10) Fixing of TRBs Nut and Tensioning of TRBs (12pcs)	Day II-2 Right Ch.: 0+055 11:00~) Drilling for PS tendon up to 14m (6holes) Ch.:0+106.0~0+79.0 14:00~14:40) Survey for PS tendons CH:0+175.95~0+187.45 10:30:03:30) Installation of PS tendon (08pcs) II-2 Left Ch.:0+70.15~0+74.75 08:00~03:25) Fixing of TRBs Nut and Tensioning of TRBs (10pcs) Ch.:0+93.0~ 14:40~) Survey for PS tendons. Night II-2 Right CH:0+204.0~ 21:00~) Drilling for rebar cutting. Dry Drilling causing ventilation problem. Issue notified to OHS Ch.: 0+25.0~ 20:00-) Drilling for PS tendon up to 06m Ch.:0+175.95~0+187.45 20:30~) Packer Grouting of PS Tendon 08Pcs Ch:0+ 02:50~04:30) PS Tendon Grouting 2Pcs Location: PH78-11 (319.2KG), PH77-11 (295.6KG) II-2 Left Ch.:0+1.15~0+26.45 20:00~) Fixing of TRBs Nut and Tensioning of TRBs (12pcs) (-L89-3 TRB Rotated during tensioning)
PH I 3 Right Crown	Day No activity due to limited resources Night No activity due to limited resources	Day No activity Night F.Ch:0+241.0~ Approx No Activity due to limited resources	Day No activity Night F.Ch:0+241.0~ Approx No Activity due to limited resources	Day F.Ch:0+241.0~ Approx NO Activity due to resources limitation. Night F.Ch:0+241.0(D/S) No Activity due to limited resources	Day PAT 2 Plug Area no activity Night PAT 2 Plug Area Ch.:0+234.0~0+250.0 22:00~02:00) 2nd layer shotcrete Qty=24m³	Day No activity due to limited resources	Day No activity
Penstock Admit Tunnel towards Lower pressure.	Day PAT 2 Plug Area Ch.:0+234.0~0+250.0 09:00-) Rectification of rebar mesh.	Day PAT 2 Plug Area Ch.:0+234.0~0+250.0 09:00-) Rectification of rebar mesh.	Day PAT 2 Plug Area Ch.:0+234.0~0+250.0 09:00-14:00) Rectification of rebar	Day PAT 2 Plug Area no activity Note: Shotcrete sprayed	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area	Day PAT 2 Plug Area no activity Night	Day No activity Night PAT 2 Ch.:0+232.0~0+225.0

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Manifold area Tunnel No 2	Night PAT 2 Plug Area No Activity due to limited resources	Night PAT 2 Plug Area Ch.:0+234-0+239.0 02:10-) 2nd layer shotcrete Qty=16m³ is in progress	mesh. 15:00-) Arrangement for shotcrete 16:30-17:10) 2nd layer shotcrete Qty=08m³ Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 01:00-) 2nd layer shotcrete Qty=16m³ is in progress	on the plug area is incomplete yet. Issue highlighted to the contractor for completion of shotcrete as per specification. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 22:00-02:00) 2nd layer shotcrete Qty=24m³	No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	PAT 2 Plug Area Ch.:0+234.0-0+250.0 22:00-02:00) 2nd layer shotcrete Qty=24m³	00:45-01:10) Demarcation for Rock dowels Pull out test 01:30-03:00) Pull out test for rock dowels 2Pcs.
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 1	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day F. Ch.:0+133 (approx.) 08:00 -16:20) shifting of service pipes from left to right wall Night F. Ch.:0+133 (approx.) No Activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.
STB from powerhouse connection tunnel	Day F. Ch.:0+129.0(Approx) 8:30-9:00) Survey for blast Invert leveling drilling for blast 17:00-18:25) Charging for best 18:30) Blast carried out Note: Drilling for blast is started without spraying 1st layer shotcrete and geological mapping. Note: Ventilation problem Night F.Ch:0+129.0 (Approx) 20:30-) Mucking and scaling	Day F. Ch.:0+133 (approx.) 08:30 - 10:00) mucking and scaling Ch.: 0+127 - 130 15:00 -) arrangements for drilling of rock dowels. Night F.Ch:0+129.0 (Approx) Ch: 0+125 - 130 20:00-) Drilling for rock dowels Ch.:0+005-0+100.0 20:00-) Drilling and installation of supporting bar for service pipe	Day F. Ch.:0+133 (approx.) Ch.: 0+127 - 130 8:00-11:00) Drilling of rock dowels Ch.:0+121-0+127 12:20-15:00) Grouting for Rock bolts (27pcs) Night F.Ch:0+129.0 (Approx) Ch: 0+05-0+115 22:45-) Drilling & Installation of supporting bar for Electric wires.	Day F. Ch.:0+133 (approx.) 08:00 -16:20) shifting of service pipes from left to right wall Night F. Ch.:0+133 (approx.) No Activity	Day F. Ch.:0+133 (approx.) 08:00 -16:20) shifting of service pipes from left to right wall Night F. Ch.:0+133 (approx.) No Activity	Day F. Ch.:0+133 (approx.) 08:00 -16:20) Fixing of service pipes from left to right wall Night F. Ch.:0+133 (approx.) Ch.:0+05-0+65 20:30-) Invert Excavation, Mucking and leveling	Day F. Ch.:0+133 (approx.) 08:30-) Invert Excavation, Mucking and leveling Night F. Ch.:0+133 (approx.) 08:30-) Invert Excavation, Mucking and leveling Night F. Ch.:0+133 (approx.) Ch.:0+70.0-0+85.0 20:30-) Invert Excavation, Mucking and leveling
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation Note: Ventilation problem. Night Ch.:0+400.0-0+450.0	Day RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation Night RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation	Day RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation Night RIGHT GALLERY No Activity due to resources limitation LEFT GALLERY No Activity due to resources limitation	Day R/S F.Ch. 0+029 8:30-) Assembling of platform L/S F.Ch.: 0+067 Ch.:0+000-0+067 11:00-) Demarcation of rock bolts for pullout test Night R/S F.Ch. 0+029 (Approx) Ch.:0+005.0-0+019.50 L/S F.Ch.: 0+067 Ch.:0+09.5-0+067 20:00-21:45) Arrangements for Pull out test 22:00-23:15) Pull out test for rock dowels (05Pcs)	Day R/S F.Ch.: 0+029 10:00-13:50) Arrangement for Drilling 14:00-) Drilling for blast L/S F.Ch.: 0+067 No Activity Night R/S F.Ch. 0+029 (Approx) 20:00-22:45) Drilling for blast 23:00-00:20) Charging for blast Exp=225Kg 00:35) Blast Carried out 02:45-) Mucking is in progress... L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+031 09:00 - 04:00) Drilling for blast 4:15-18:25) Charging for blast Exp=160Kg 18:35) Blast Carried out 18:35-19:00) Ventilation L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+031 (Approx) 20:30-) Mucking, Scaling & Leveling of invert 02:10-03:00) Charging for additional blast 03:15) Blast carried out L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+031 OHS stopped work due ventilation problem L/S F.Ch.: 0+067 No Activity Night R/S F.Ch. 0+031 (Approx) 00:10) Drilling for blast Note: Contractor has been notified to provide previous design support work before further advancement. L/S F.Ch.: 0+067 No Activity
Intake area	Day El: ▼0+979-0+971 09:30-) Excavation & Mucking	Day El: ▼0+979-0+971 08:30-) Excavation & Mucking	Day El: ▼0+979-0+971 No Activity	Day El: ▼0+979-0+971 No activity El: ▼0+972.5-0+976.0 (Protection fence protective retaining wall) 09:50-) Excavation & mucking	Day El: ▼0+979-0+971 No activity El: ▼0+972.5-0+976.0 Ch.:0+170.0-0+182.0 (Protection fence protective retaining wall) 08:30-10:30) Surface cleaning of drilling for rock anchors 10:30-15:00) Drilling for rock anchors 26 holes El: ▼0+872.5-0+876.0 Ch.:0+170.0-0+182.0 (Protection fence protective retaining wall) 08:00-10:00) Form working of protective retaining wall lean concrete 08:10-10:00) Drilling of rock anchors for protective retaining walls Ch.:0+215-0+225.0 07:45-09:00) Drilling for blast 10:30-11:10) Charging for blast Exp=19kg (No of holes=10) 12:05) Blast	Day El: ▼0+979-0+971 No activity El: ▼0+872.5-0+876.0 Ch.:0+170.0-0+194.0 (Protection fence protective retaining wall) 08:00:11:00) Form working of protective retaining wall lean concrete 11:05-14:50) Grouting of rock anchors for protective retaining walls (48pcs) Used cement=250kg	
Switchyard Compounds	Day Day work order 07:50-) Removing of debris material *Pace of work was slow. El: ▼958-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side	Day Day work order 07:30-) Removing of debris material *Pace of work was slow. (El: ▼960-969 5th layer center portion) 8:00-) Reinforcement & Form working for steps of	Day Day work order 07:30-) Removing of debris material *Pace of work was slow. (El: ▼960-969 5th layer center portion) 8:00-) Reinforcement & Form working for steps of	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion)	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion)	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion)	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow.

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Appendix K [20/30]

	<p>Drainage/Nullah 13:00-16:30) Pouring of concrete for ditch/Nullah Qty=15.0m³ El: ▼940.0-950.0 3rd layer left Portion) 08:00-) Excavation & mucking El: ▼947.0-950.0 3rd layer Center Portion 13:30-) 1st layer shotcrete Qty=15m³ is in progress... El: ▼938.0-935.0 2nd layer Right Portion No Activity due to rain Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p>	<p>Side Drainage/Nullah (El: ▼956-952 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El: ▼940.0-950.0 3rd layer Center to right Portion) 08:00-) Excavation & mucking El: ▼947.0-950.0 3rd layer Center Portion 7:50-10:45-) Fixing of wire mesh (10 pcs) El: ▼938.0-935.0 2nd layer Right Portion No Activity Note: Contractor is notified to cure shotcrete properly</p>	<p>Side Drainage/Nullah (El: ▼956-952 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El: ▼940.0-950.0 3rd layer Center to right Portion) 08:00-) Excavation & mucking El: ▼947.0-950.0 3rd layer Center Portion 08:20-14:30) Drilling & installation of plc. pipes for weep holes El: ▼938.0-935.0 2nd layer Right Portion No Activity Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p>	<p>8:00-) Reinforcement & Form working for steps of Side Drainage/Nullah (El: ▼956-952 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El: ▼940.0-950.0 3rd layer Center to right Portion) No activity El: ▼947.0-950.0 3rd layer Center Portion 08:20-10:20) Installation of plc. pipes for weep holes El: ▼938.0-935.0 2nd layer Right Portion) 08:00-10:30) Excavation & mucking El: ▼930.0-920.0 1st layer right portion ground level) 10:30-) Excavation & mucking Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion) El▼940.0-938.0(2nd layer right portion)</p>	<p>8:00-) Reinforcement & Form working for steps of Side Drainage/Nullah (El: ▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El: ▼940.0-950.0 3rd layer Center to right Portion) No activity El: ▼947.0-950.0 3rd layer Center Portion to left 10:30-16:50) First layer shotcrete PS Qty=42.0m³ 08:00-) Excavation El: ▼938.0-935.0 2nd layer Right Portion) El: ▼930.0-920.0 1st layer right portion ground level) No Activity Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer center to left portion) 23:30-04:10) First layer shotcrete PS Qty=30.0m³ El▼940.0-938.0(2nd layer right portion)</p>	<p>10:50-14:57) Pouring of concrete for Ditch/Nullah Qty=14.0m³ El: ▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah 10:00-12:50) Pouring of concrete for side drain Qty=12m³ El: ▼940.0-950.0 3rd layer Center to right Portion) No activity El: ▼944.0-950.0 3rd layer Center Portion to left 08:50-) Fixing of wire mesh (06pcs) & is in progress... El: ▼938.0-935.0 2nd layer Right Portion) No activity El: ▼937.0-920.0 1st layer right portion ground level) 08:20-) Excavation & mucking around 1st layer Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion) El▼940.0-938.0(2nd layer right portion)</p>	<p>El: ▼960-969 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah El: ▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah El: ▼940.0-950.0 3rd layer Center to right Portion) No activity El: ▼944.0-950.0 3rd layer Center Portion to left 08:50-) Fixing of wire mesh El: ▼938.0-935.0 2nd layer Right Portion) 08:20-) Excavation & mucking around 2nd layer El: ▼937.0-920.0 1st layer right portion ground level) No activity Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion) El▼940.0-938.0(2nd layer right portion)</p>	
Provision of Security Measure	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity Existing KKH In front of CR-9 Main Gate. No Activity Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity Existing KKH No Activity
Day work	Day KKH upstream of CR-9 Main Gate. No Activity	Day KKH upstream of CR-9 Main Gate. No Activity	Day KKH upstream of CR-9 Main Gate. No Activity	Day KKH upstream of CR-9 Main Gate. No Activity	Day KKH upstream of CR-9 Main Gate. No Activity	Day No activity	Day No activity	
LU 1	Day Ch.: 380 - 600	Day Ch.: 380 - 600	Day CR-4 Temporary access road 08:20-17:30) Excavation & mucking	Day CR-4 Temporary access road 08:20-17:30) Excavation & mucking	Day No activity	Day No activity	Day No activity	
Date/Day	15 Wednesday	16 Thursday	17 Friday	18 Saturday	19 Sunday	20 Monday	21 Tuesday	
Location	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	Tailrace Tunnels 1 CT2	
	<p>Day F.CH: 1+514.0- (U/S) 08:00-11:05) Drilling for blast 12:00-13:00) Charging for blast Exp=360 13:10) Blast carried out 14:10-17:00) Mucking & scaling 17:00-17:45) Survey & Mapping Qv=2.75 Ch:1+519.5 US 17:30-18:35) Grouting & Installation of rock dowels 11Pcs F.Ch:1+647.0- (D/S) No Activity NOTE: Ventilation & illumination problem at site. Night</p>	<p>Day F.CH: 1+510.0- (U/S) 07:00-10:33) Drilling for blast 10:33-11:30) Charging for blast (Exp=370.0KG) 12:00-) Blast carried out 13:00-16:00) Mucking & scaling F.CH: 1+506.0- 16:00-16:30) Mapping (Qv=2.50) F.Ch:1+647.0- (D/S) 13:00-14:00) Survey for blast 14:30-17:30) Drilling for blast 17:30-18:30) Charging for blast (Exp=380.0KG) NOTE: Ventilation & illumination problem at site.</p>	<p>Day F.CH: 1+506.0- (U/S) 13:30-17:00) Drilling for blast 17:00-18:00) Charging for blast (Exp=360kg) 18:40) Blast carried out F.Ch:1+650.0- (D/S) No Activity NOTE: Ventilation & illumination problem at site. Night F.CH: 1+506.0- (U/S) 19:30-23:30) Mucking & scaling 01:00-01:45) Survey & Mapping Qv=2.5 F.Ch:1+503.0-1+506.0 03:10-03:40) 1st layer shotcrete Qty=5m³ F.Ch:1+650.0- (D/S) Ch. 1+650- 1+647</p>	<p>Day F.CH: 1+503.0- (U/S) Ch.: 1+516.5-1+507.5 11:00-13:00) Drilling for rock dowels F.Ch:1+650.0- (D/S) Ch.:1+645.0 17:00-18:00) Drilling for rock dowels NOTE: Ventilation & illumination problem at site. Night F.CH: 1+503.0- (U/S) Ch.:1+516.5-1+510.5 20:50-23:40) Grouting & Installation of Rock Dowels 33Pcs Ch.:1+507-1+503.0 02:00-) Fixing of wire mesh</p>	<p>Day F.CH: 1+503.0- (U/S) Ch.: 1+507.0-1+504.0 09:00-09:50) Second layer shotcrete PS Qty=07m³ Ch.: 1+507.0- 12:00-13:00) Drilling for rock dowels 15:50-16:45) Grouting for rock dowels (11pcs) F.Ch:1+650.5- (D/S) 07:00-11:00) Drilling for blast 11:00-12:39) Charging for blast Exp=360kg 12:50) Blast carried out 13:30-) Mucking & scaling is in progress.. NOTE: Ventilation & illumination problem at site.</p>	<p>Day F.CH: 1+503.0- (U/S) 15:00-18:00) Drilling for blast 18:00-19:00) Charging for blast, F.Ch:1+650.0-1+653.0 (D/S) 9:50-10:30) 1st layer PS shotcrete Qty=07m³ Ch.: 1+647.0 13:10-14:00) Drilling for rock dowels 01 row Note: Drilling of rock dowels after 1st layer shotcrete NOTE: Ventilation & illumination problem at site. Night F.CH: 1+503.0- (U/S) 19:25) Blast carried out 20:00-02:00) Mucking & Scaling</p>	<p>Day F.CH: 1+500.0 - (U/S) Ch.:1+503.0-1+500.0 14:00-17:30) Fixing of wire mesh (08Pcs.) F.CH: 1+653.0- (D/S) 07:00-11:25) Drilling for blast 11:45-) Charging for blast Exp=340kg 12:45) Blast Carried out 14:00-18:20) Mucking & Scaling NOTE: Ventilation & illumination problem at site. Night F.CH: 1+500.0 - (U/S) Ch.:1+503.0-1+500.0 00:35-01:10) 2nd layer shotcrete Qty=07m³</p>	

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	<p>F.Ch: 1+510.0- (U/S) Ch.:1+510.0-1+514.0 21:50-22:50) 1st Layer Shotcrete Qty=08m³ 23:25-03:00) Fixing of wire mesh 10pcs 03:00-03:35) 1st Layer Shotcrete Qty=08m³</p> <p>F.Ch:1+647.0- (D/S) No Activity</p>	<p>Night F.Ch: 1+506.0- (U/S) Ch.:1+506.0-1+510.0 1st layer shotcrete Qty=m³</p> <p>F.Ch:1+647.0- (D/S) 19:20) Blast carried out 20:00-) Mucking & scaling Survey & Mapping F.Ch1+651.0-1+647.0 1st layer shotcrete Qty=m</p>	<p>20:00-23:40) Fixing of wire mesh Qty=11 pcs 04:00-04:30) 2nd layer shotcrete Qty=7m³</p>	<p>F.Ch:1+650.0- (D/S) Ch.:1+645.0 23:40-01:20) Grouting & Installation of Rock Dowels 11pcs.</p>	<p>Night F.Ch: 1+503.0- (U/S) No Activity due to resources limitation.</p> <p>F.Ch:1+650.5- (D/S) 20:00-23:00) Mucking & scaling 23:22-23:50) Mapping Q value according to DHC geologist =3.3 Further no activity</p>	<p>F.Ch:1+653.0- (D/S) Ch:1+650.0-1+653.0 22:00-) Fixing of wire mesh.</p>	<p>F.Ch:1+656.0- (D/S) 01:30-02:05) Mapping & Survey</p>
<p>Tailrace Tunnels 2 CT2</p>	<p>Day F.Ch:1+586.5 U/S 11:00-11:30) Survey for blast 14:30-17:30) Drilling for blast 17:50-18:50) Charging for blast Exp=390Kg Ch: 1+590 7:00-8:00) Drilling for rock dowels 8:30-11:00) grouting of rock dowels. (8 pcs) R/w= 7, 8, 11 remaining hole blocked F.Ch:1+697.5- (D/S) No Activity Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688 Excessive water seepage from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+586.5 U/S 19:20) Blast Carried out 20:00-01:00) Mucking & Scaling 01:00-02:00) Survey & Mapping Qv=2.5F.Ch:1+583.5-1 +586.503:35-04:00) 1st Layer Shotcrete Qty=04m³F.Ch:1+697.5 - (D/S)Ch.:1+694.5-1+69 7.520:00-23:50) Fixing of Wire Mesh 06Pcs</p>	<p>Day F.Ch:1+583.5 U/S Ch.: 1+586.5-1+583.5 07:00-16:30) Fixing of wire mesh 10pcs 17:45-18:15) 2nd Layer shotcrete Qty=8m³</p> <p>F.Ch:1+697.5- (D/S) Ch.: 1+694.5-1+697.5 09:31-10:27) Second layer shotcrete PS Qty=7.0m³</p> <p>Note: TRT - 02 D/S Side Ch.: 1+686.0 - 1+688 Excessive water seepage from the crown portion. 1st layer shotcrete also washed away. Night F.Ch:1+583.5 U/S No ActivityF.Ch:1+697.5- (D/S)No Activity</p>	<p>Day F.Ch:1+583.5 U/S 7:30-10:30) Drilling for blast 10:30-11:30) Charging for blast (Exp=360 kg) 12:20) Blast 13:00-17:00) Mucking and scaling New F.ch 1+580.5 U/S 17:15-18:00) Survey and Mapping Qv=2.5</p> <p>F.Ch:1+697.5- (D/S) Ch.: 1+690-1+693 7:20-10:30) Grouting of rock dowels. (14 Pcs) Night F.Ch:1+580.5 U/S Ch. 1+583.5-1+580.521:40 -22:35) 1st layer shotcrete Qty=5m³23:50-) Fixing of wire mesh04:50-05:30) 2nd layer shotcrete Qty=7m³F.Ch:1+697.5- (D/S)No Activity</p>	<p>Day F.ch 1+580.5 U/S 7:30-11:00) Drilling for blast 11:00-12:00) Charging for blast Exp=350kg 12:59) Blast carried out 13:30-18:00) Mucking & scaling</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation.</p> <p>Night F.Ch:1+576.5 U/S 20:00-20:30) Survey & Mapping Qv=2.29 Ch:1+576.5 -1+580.5 22:20-22:50) 1st Layer shotcrete Qty=5m³</p> <p>F.Ch:1+697.5- (D/S) No Activity</p>	<p>Day F.ch 1+580.5 U/S No Activity due to resources limitation.</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation. Night F.ch 1+580.5 U/S No Activity due to resources limitation.</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation.</p>	<p>Day' F.ch 1+576.5- (U/S) 7:00-11:15) Drilling for blast 11:15-12:26) Charging for blast Exp=340kg 12:34) Blast carried out 13:25-17:00) Mucking & scaling New F.Ch:1+573.5 17:00-17:45) Survey & Mapping Qv=3.75 DHC</p> <p>F.Ch:1+697.5- (D/S) Ch.: 1+680.0-1+690.0 15:34-) Drilling for weep holes in seepage area is in progress... Night F.ch 1+573.5 Ch 1+573.5 - 1+576.5 23:00-23:40) 1st layer shotcrete Qty= 5m³</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation.</p>	<p>Day F.ch 1+573.5- (U/S) Ch.: 1+580.5-1+573.5 07:30-11:30) Fixing of wire mesh (18Pcs.) 12:50-13:30) 2nd layer shotcrete Qty=7m³ 14:00-15:00) Survey for blast 15:10-17:30) Drilling for blast 18:00-19:00) Charging for blast Exp=370Kg</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation. F.ch 1+573.5- (U/S) 23:00) Blast Carried out 23:50-) Mucking & Scaling</p> <p>F.Ch:1+697.5- (D/S) No Activity due to resources limitation.</p>
ADFT	<p>Day No activity Night No activity</p>	<p>Day No activity Night No activity</p>	<p>Day No activity Night No activity</p>	<p>Day No activity Night No activity</p>	<p>Day ADFT - CT01 Junction 08:00-14:00) Installation of ventilation fan and extension of ventilation duct Night ADFT L/S Ch.:0+34.0ADFT R/S Ch.:0+25.0</p>	<p>Day No activity Night No activity</p>	<p>Day No activity Night No activity</p>
<p>Tailrace Tunnels 1 CT 1</p>	<p>Day Transition Area Ch.:0+01.0-0+16.0 13:30-) Drilling for missing rock dowels Night Transition Area Ch.:0+01.0-0+16.0 20:20-) Drilling for missing rock dowels</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity</p>	<p>Day Transition Area Ch.:0+01.0-0+16.0 08:30-) Drilling for missing rock dowels</p> <p>Note: nonfunctional ventilation from 08:30 - 14:30 Night Transition Area Ch.:0+01.0-0+16.0 20:20-22:40) Drilling for missing rock dowels 23:15-) Installation & Packing of rock dowels</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity</p>	<p>Day Transition Area Ch.:0+01.0-0+16.0 08:30-11:30) Installation & Packing for rock dowels > Installation of rock dowels not completed due to mobile lifter breakdown</p> <p>Night Transition Area Ch.:0+01.0-0+16.0 00:15-) Packing of rock dowels</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity</p>	<p>Day No activity Night</p> <p>ADFT L/S Ch.:0+34.00:45-01:25) Thickness Test carried outADFT R/S Ch.:0+25.001:25-01:55) Thickness Test carried out Night</p>	<p>Day Transition Area Ch.:0+01.0-0+16.0 No Activity due to resources limitation.</p> <p>Night Transition Area No Activity due to resources limitation.</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation.</p>	<p>Day' Transition Area Ch.:0+06.0-0+14.0 09:00-09:30) Grouting for rock dowels 13:00-16:40) Again Grouting for Rock dowels Qty=14 Pcs Note: (From 9:30 to 13:00 Grouting was suspended due to Grout Machine Break down. F.Ch:0+21.0 (Approx) (D/S) Ch:0+15.0-0+17.0 13:00-16:40) Grouting for rock dowels Qty=13 pcs Night Transition Area Ch.:0+12.0-0+18.0 20:00-23:30) Grouting for rock dowels (15 Pcs.) Ch.:0+001 U/S (Approx) 01:00-) Drilling for additional blast F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation.</p>	<p>Day Transition Area F.Ch:0+00.0 (Approx) (U/S) 8:20-12:00) Drilling for blast 16:00-17:00) Charging for blast 17:25) Blast Carried out</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity Night Transition Area Ch.:0+001 U/S (Approx) 20:00-) Mucking & Scaling</p> <p>F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation.</p>
<p>Tailrace Tunnels 2 CT 1</p>	<p>Day F.Ch:0+002 (U/S) Ch:0+001 - 004 08:00-) Charging for blast (Exp=380kg) 11:47-) Blast carried 13:00) Mucking is in progress Contractor did full section charging instead of half section as per specified in blasting</p>	<p>Day F.Ch:0+002 (U/S) Ch: 0+001 - 004 waiting for shotcrete No Activity due to resources limitation.</p> <p>F.Ch. 0+022 (Approx) No Activity due to resources limitation. Note: nonfunctional</p>	<p>Day F.Ch:0+001 (U/S) Ch: 0+001.0 08:00-13:20) Drilling for additional blast 14:15-16:20) Charging for blast is in progress (Exp=250kg) 18:09) Blast carried out</p> <p>F.Ch. 0+022 (Approx) No Activity due to</p>	<p>Day Transition Area Ch.:0+01.0-0+16.0 OSH suspend the work due to ventilation problem.</p> <p>Night Transition Area No Activity due to resources limitation.</p> <p>F.Ch:0+21.0 (Approx) (D/S)</p>	<p>Day F.Ch:0+001 (U/S) Ch: 0+001.0 08:00-) Mucking and Scaling</p> <p>F.Ch. 0+022 (Approx) No Activity due to resources limitation.</p> <p>Night</p>	<p>Day F.Ch:0+001 (U/S) Ch: 0+001.0 08:00-14:40) Mucking. Note: - (Scaling is remaining due to unavailability of Excavator)</p> <p>F.Ch. 0+022 (Approx) No Activity due to resources limitation.</p>	<p>Day F.Ch:0+001 (U/S) Ch:0+001.0 No Activity</p> <p>F.Ch.: 0+022 (Approx) Ch:0+18.0-0+22.0 10:40-11:20) 2nd pass of 1st layer PS shotcrete Qty=8m³</p> <p>Night</p>

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	<p>design F.Ch.: 0+022 (Approx) No Activity Night F.Ch: 0+002.0 US 20:00-) Mucking & Scaling *From 23:00-02:25 Excavator breakdown Note: Ventilation problems F.Ch.: 0+021 (Approx) D/S No Activity</p>	<p>ventilation from 08:30 - 14:30 Night F.Ch: 0+001.0 Approx US 23:30-) Drilling for Additional Blast F.Ch.: 0+021 (Approx) D/S No Activity</p>	<p>resources limitation. Night Ch: 0+001.0 U/S 20:00-) Mucking and scaling F.Ch.: 0+021 (Approx) D/S No Activity</p>	<p>No Activity due to resources limitation.</p>	<p>Ch: 0+001.0 U/S 20:00-) Mucking & Scaling Mucking stopped after 21:30 due to breakdown of Loader F.Ch. 0+021 (Approx) D/S No Activity due to resources limitation.</p>	<p>Night Ch: 0+001.0 U/S No Activity due to resources limitation. F.Ch. 0+021 (Approx) D/S No Activity due to resources limitation.</p>	<p>F.Ch:0+001 (U/S) No Activity F.Ch. 0+022 (Approx) D/S Ch.:0+15-0+17.0 21:00-) Drilling for remaining rock dowels</p>
TC I 1	<p>Day Ch.: 0+240-0+200 08:30-) Form working for Head Block of PS Tendon (05PCS) Location: P42-3, P43-3, P44-7, P45-7, P48-2 Ch.: 0+170 08:30-) Welding works for assembling of steel platform Night Ch.: 0+225.5-0+240.5 20:00-) Form working for Head block of PS tendon. Location: P46-7, P47-7, P48-7, P49-7 Ch.: 0+205.5-0+215.5 21:00-) Pouring of Sika Crete-114 for PS Tendon head block Location: P44-4, P43-3, P43-4, P42-3 Ch.: 0+170 20:00-) Welding works for assembling of steel platform</p>	<p>Day Ch.: 0+240-0+200 08:30-) Form working for Head Block of PS Tendon (02PCS) Location: P44-3, P48-8 Ch.: 0+170 08:30-) Welding works for assembling of steel platform Ch.:0+220.0-14:00-) Assembling of Scaffolding platform Night Ch.: 0+220.5-0+222.5 20:35-) Form working for Head block of PS tendon. Location: P45-8, P46-3 Ch.: 0+170 20:00-) Welding works for assembling of steel platform.</p>	<p>Day Ch.: 0+200-0+240 08:30-) Form working for Head Block of PS Tendon (06PCS) Location: P43-8, P42-8, P41-8, P45-3, P42-3, P41-3 Ch.:0+235.50-0+240.50 10:30-) Pouring of sika for Head Block of PS Tendon Location: P49-2, P48-2 Ch.: 0+170-08:30-) Welding works for assembling of steel platform Night Ch.: 0+195.5-0+230.5 20: 00-) Pouring of Sika Crete for Head Block PS tendon Location: P47-2, P40-4 Ch. 0+195.5 - 0+225.5 20:00-) Form working for Head block of PS tendon. Location: P40-4, P40-7, P41-7 , P46-2</p>	<p>day Ch.: 0+135.50-0+240 08:30-) Form working for Head Block of PS Tendon (09PCS) Location: P45-2,P44-2, P43-2, P39-8, P39-7, P39-6, P28-7, P28-8, P28-6 Night Ch: 0+200.5-0+225.5 20: 00-) Pouring of Sika Crete for Head Block of PS tendon Location: P41-2, P40-3, P42-2, P46-2 Ch: 0+200.5-0+225.5 20:00-) Form working for Head block of PS tendon. Location: P41-2, P42-2, P46-2 Ch.:0+50.0-0+60.0 20:00-) Welding works for Assembling steel platform Ch:0+200.5-22:00-) Breaking of Sika Crete head block from Trial PS Tendon Location: P41-6</p>	<p>Day No activity Night No activity</p>	<p>Day No activity Night I-1, I-2, I-3 Ch. 0+135 ~ 0+105 23:00-00:05) Installation of Convergence points</p>	<p>Day No activity Night No activity</p>
TC II-2(1) +TCII-2(2) (Left and Right)	<p>Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.: 0+170.0-0+100.0 21:10-01:00) Invert leveling.</p>	<p>Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.: 0+170.0-0+100.0 21:10-01:00) Invert leveling.</p>	<p>Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT Ch.: 0+80.0-0+65.0 22:45-23:45) Survey for Weep hole 00:15-) Drilling for weep holes.</p>	<p>Day II-2 Right No Activity due to resources limitation. Night II-2 RIGHT No Activity due to resources limitation.</p>	<p>Day II-2 Right Ch.:0+240.50 - 130.5 08:30-) Form working for Head Block of PS Tendon (8PCS) Location:P43-9, P24-8 II-2 Left side Ch.: 0+050 - 0+070 08:00-12:00) Welding works for assembling of steel platform Ch.:0+190.50 08:30-) Form working for Head Block of PS Tendon (1PCS) Location: P37-3,4 Ch.: 0+225.5 -0+210.5-08:30-) Pouring of sika for Head Block of PS Tendon (5PCS) Location: P42-2, P45-9, P47-9, P41-7,8, Night II-2 Left Ch.:0+135.5 20:30-) Form working for Head Block of PS Tendon (2 PCS) 0+200.5-0+205.5 20:00-) Pouring of sika for Head Block of PS Tendon (2 PCS) Location: P47-9, P42-2. Ch.:0+85 - 0+100 20:00-) Drilling for grounding grid up to 2m Welding works for assembling of steel platform.</p>	<p>Day II-2 Right Ch.:0+240.50 - 130.5 08:30-) Form working for Head Block of PS Tendon (10PCS) Location: P43-9, P39-9, P40-9, P41-9, P42-9, P24-8, P23-8,9, P22-7,8 Ch.: 0+205.5 -0+210.5-08:30-) Pouring of sika for Head Block of PS Tendon (10PCS) Location: P46-9,10, P42-8, P43-8,9, P44-8, P47-9, P45-9, P48-9, P46-9 II-2 Left side Ch.:0+135.50-08:30-) Form working for Head Block of PS Tendon (05PCS) Location: P37-3,4,P36-3,4, P35-3, Night II-2 Right Ch. 0+95.5-0+185.5 20:30-) Form working for Head Block of PS Tendon (07Pcs.) Location: P21-7,8 P20-7,8 P38-9, P37-9, P36-9 II-2 Left Ch. 0+170.5-0+180.5) Form working for Head Block of PS Tendon (04Pcs.) Location: P37-5, P37-4, P36-4, P35-4 Ch. 0+180.5-0+220.5 20:00-) Pouring of sika Crete for Head Block of PS Tendon (06Pcs.) Location: P42-9, P44-7, P45-7, P37-9, P38-9, P40-9 Ch.: 0+050 - 0+070 20:00-) Welding works for assembling of steel platform</p>	<p>Day II-2 Right Ch.:0+215.0-0+225.0 08:30- 16:20) Pouring of sika for Head Block of PS Tendon 08Pcs. Location: P44-9,P46-8, P39-9, P47-8, P40-2, P47-7, P46-7, P36-9 Ch:0+90.0-0+85.0 08:00- 17:00) Form working for Head Block of PS Tendon 10Pcs. Location: P19-7,8, P18-7,8, P47-7, P36-5,6, P35-6, P37-5,6, Ch:140.0-8:00) Installation of water utility pipe line. II-2 Left side Ch.:0195.0-0+185.0 08:00-) Form working for Head Block of PS Tendon (08PCS) Ch.: 0+050 - 0+070 8:00-) Welding works for assembling of steel platform. Night II-2 Right Ch. 0+70.5-20:00-) Form working for Head Block of PS Tendon (02Pcs.) Location: P15-7,8 Ch. 0+195.5-20:00-) Pouring of sika for Head Block of PS Tendon (03Pcs.) Location: P40-8, P41-7, P40-7 II-2 Left side Ch.:0+165.5-20:00-) Form working for Head Block of PS Tendon (01Pcs.) Location: P34-3 Ch. 0+185.5-20:00-) Pouring of</p>

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							sika for Head Block of PS Tendon (02Pcs.) Location: P38-2, P39-2, Ch.: 0+050 - 0+070 20:00-) Welding works for assembling of steel platform.
TC Left crown I-2	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity	Day No activity Night No activity
TC Right crown I-3	Day No activity due to limited resource	Day No activity due to limited resource	Day No activity due to limited resource	Day II-02 Ch.:0+115.50~14:00-) Drilling for grounding grid up to 2m (17holes) Night F.Ch: 0+241.0 (D/S)	Day No activity due to limited resource	Day No activity due to limited resource	Day No activity due to limited resource
Powerhouse Exhaust Tunnel	Day Ch.:0+127~0+115.0 08:30-10:45) Pouring of Pavement concrete (Qty=06.0m³) Night Ch.:0+127~0+115.0 20:00-) Removing of Side Drain formworks Ch.:0+135~115.0 20:00-) Curing of pavement concrete.	Day Ch.:0+100~0+115.0 08:00) Cleaning, removing under break and form working for side drain. Night Ch.:0+100~0+115.0 20:00-) Cleaning, removing under break and form working for side drain. Ch.:0+135~ 0+115.0 20:00-) Curing of pavement concrete.	Day Ch.:0+100~0+115.0 08:00) Cleaning, removing under break and form working for side drain. Night Ch.:0+100~0+115.0 20:00-) Invert Cleaning, Ch.:0+135~ 0+115.0 20:00-) Curing of pavement concrete.	Day Ch.:0+100~0+115.0 08:00) Cleaning, removing under break and form working for side drain. Night Ch.:0+100~0+115.0 23:00~03:00) Invert Mucking	Day Ch.:0+100~0+200.0 08:40-17:15) Curing of concrete. Night Ch.:0+100~0+115.0 20:00-) Removing formworks from side drain	Day Ch.:0+100~0+200.0 08:40-) Curing of concrete. Night Ch.:0+100~0+115.0 20:00-) Removing formworks from side drain	Day Ch.:0+100~0+200.0 9:00-) Curing of concrete. Night Ch.:0+100~0+115.0 20:00-) Removing formworks from side drain
- PH I 1 Center crown	Day F Ch.:0+241 Ch.:0+152.95 08:00-14:00) Drilling for PS Tendon on Scaffolding platform up to 14m. 14:00-) shifting of scaffolding platform Ch.: 0+180.0 08:00-) shifting of scaffolding platform & arrangements for drilling Night F Ch.:0+241 Ch.: 0+157 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+139 20:00-) Drilling for PS Tendon on Scaffolding platform up to 06m.	Day F Ch.:0+241 Ch.:0+152.95 08:00- 11:00) Arrangements for drilling for PS tendons Note: nonfunctional ventilation from 08:30 - 14:00 Night F Ch.:0+241 Ch. 0+205.85~20:00-) Installation of Supporting bars for PS tendon Ch.: 0+159.85 ~ 20:00-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+136.05 20:00-) Drilling for PS Tendon on Scaffolding platform up to 6m.	Day F Ch.:0+241 Ch.:0+139.0 08:30-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+157.50~08:20-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+235.0 08:00-) Drilling for PS Tendon up to 14m. Note: ventilation Problem due to dry drilling Night F Ch.:0+241 Ch. 0+235~0+240 20:00-) Drilling for PS tendon up to 13.5m Ch.: 0+155.85 ~ 20:00~00:00) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+135.05 20:30-) Drilling for PS Tendon on Scaffolding platform up to 14m.	Day No activity due to limited resource	Day F Ch.:0+241 Ch.:0+135.05 14:30-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+225.0~0+240.0 08:00~ 13:00) Drilling for PS Tendon up to 14m. Night F Ch.:0+241 Ch.: 0+228.85~0+218.5 21:00-) Drilling for PS tendons up to 13.5m Ch.:0+125.35 20:30-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch. 0+228.85 ~0+240.35 01:12-) Packer grouting for PS tendons (11 Pcs) Location PH102-4, 5, 6, 7, 8 PH100-7, PH103-6, PH101-5, PH104-6, PH105-5, 6.	Day F Ch.:0+241 Ch.:0+115.0 09:00-10:00) Shifting of scaffolding platform 14:00-15:00) Dismantling of scaffolding platform Ch.:0+165.0 15:00-) Dismantling of scaffolding platform Ch.:0+192.0~14:30-) Drilling for PS Tendon up to 14m. Ch.:0+219.0 09:00-) Drilling for PS Tendon up to 14m Night F Ch.:0+241 Ch.: 0+213.9~0 21:00-) Drilling for PS tendons up to 14m Ch.:0+105.0 20:30-) Arrangement for PS Tendon Drilling on Scaffolding platform up to 14m. Ch. 0+221.95~0+226.55 21:00-) Installation of PS tendons 03Pcs. Location: PH97-6, PH98-5, PH99-3, Ch:0+233.45~00:30-) Grouting for PS Tendons (02Pcs.) Location: PH102-6 (265.3KG), PH102-7 (185.7KG)	Day F Ch.:0+241 Ch.:0+135.05~8:00-) Drilling for PS Tendon up to 14 (5 holes) Ch:0+80.0 8:30-) Drilling for PS Tendon up to 6m (7 holes) F Ch.:0+241 Ch.: 0+170.2~21:00-) Drilling for PS tendons up to 14m (6 Holes) Ch.:0+180.55~21:00-) Drilling for PS tendons up to 14m (5 Holes) Ch. 0+205.85~0+210.45 20:00-) Installation of PS tendons 04Pcs. Location: PH92-5, PH92-6, PH91-6, PH90-5 Ch.:0+200.0~230.0 20:00-) Packing of PS Tendons
PH II 1	Day No activity Night No activity F Ch.:0+241 No Activity due to limited resources CGGC site staff didn't came to site due to roadblock at Uchar nullah	Day No activity Night No activity	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241 No Activity due to limited resources CGGC site staff didn't came to site due to roadblock at Uchar nullah	Day F Ch.:0+241 Ch.:0+135.05 14:30-) Drilling for PS Tendon on Scaffolding platform up to 14m. Ch.:0+225.0~0+240.0 08:00-) Drilling for PS Tendon up to 14m. (08holes+05holes) Night F Ch.:0+241 Ch.: 0+215~0+225 21:00-) Drilling for PS tendons up to 13.5m Ch.:0+132.25	Day No activity Night No activity	Day No activity Night No activity	Day No activity due to limited resources

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Right Crown	No activity Night No activity	No activity Night No activity	No activity Night No activity	No activity Night No activity	No activity Night No activity	No activity Night No activity	No activity due to limited resources
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 2	Day No activity Night PAT 2 Plug Area Ch.:0+234-0+249.0 21:00-00:20) 2nd layer shotcrete Qty=32m³	Day PAT 2 Plug Area no activity Night PAT 2 Plug Area Ch.:0+234-0+249.0 No Activity	Day PAT 2 Plug Area ch.:0+99.5-0+102.50 15:50-16:20) Demarcation for Geological investigation of Rock by Overcoming method. Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 23:20-01:00) 2nd layer Shotcrete Qty=24m³	Day No activity Night PAT 2 Plug Area Ch.:0+234.0-0+250.0 21:00-01:00) 2nd layer Shotcrete Qty=24m³	Day No activity Night PAT-2 Ch.:0+107.0-0+110.0 20:30-) Removing shotcrete from rock with Jack Hammer for Geological investigation of rock.	Day No activity Night PAT 02 Plug Ch. 0+234-0+250 22:00-01:40) 2nd layer shotcrete Qty=24m	Day No activity due to limited resources
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 1	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed Manifold area 14:20-13:20) Demarcation for Geological investigation of Rock by Overcoming method. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed Manifold area 08:00-10:30) Invert cleaning. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed Manifold area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day PAT- 01 Design Excavation Completed Manifold area No Activity due to limited resources. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No Activity due to limited resources.	Day No activity due to limited resources
STB from powerhouse connection tunnel	Day F. Ch.:0+133 (approx.) 08:30-) Invert Excavation, Mucking and leveling Night F. Ch.:0+133 (approx.) Ch.:0+85.0-23:45-) Invert Excavation, Mucking and leveling	Day F. Ch.:0+133 (approx.) 08:00- 11:00) Shifting of illumination from left to right Night F. Ch.:0+133 (approx.) No Activity due to limited resources	Day F. Ch.:0+133 (approx.) ch.:0+00.0-0+100.0 08:30-16:00) Shifting of illumination from left to right. Night F. Ch.:0+133 (approx.) Waiting for Shotcrete	Day F. Ch.:0+133 (approx.) No Activity due resources limitation Night F. Ch.:0+133 (approx.) No Activity	Day F. Ch.:0+133 (approx.) No Activity due resources limitation Night F. Ch.:0+133 (approx.) No Activity due resources limitation	Day F. Ch.:0+133 (approx.) No Activity due resources limitation Night F. Ch.:0+133 (approx.) Ch.:123.0-0+126.0 01:00-02:30) Grouting & Installation of rock dowels (10 Pcs.)	Day No activity due to limited resources
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day R/S F.Ch.: 0+031 08:00-16:30) Mucking & scaling L/S F.Ch.: 0+067 No Activity Night R/S F.Ch. 0+032 (Approx) 22:05-23:55) Removing of Under breaks Ch.:0+27.0-0+32.0 02:20-) 1st Layer shotcrete Qty=08m³ L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+032.0 08:00-12:00) Drilling for blast 12:10-13:40) Charging for blast 13:50-) Blast carried out 14:30-) Mucking is in progress L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+034.5 20:00-22:00) Mucking and scaling 22:15-22:50) Survey and Mapping Qv=1.05 Ch.: 0+32.0-0+034.5 23:40-01:30) 1st layer shotcrete Qty=06m³ L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+034.50 08:00-12:10) Drilling for blast 12:10-13:15) Charging for blast (Exp=163.0Kg) 13:55-) Blast carried out 14:30) Mucking is in progress L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+034.5-20:00-01:00) Mucking and scaling Note: Ventilation problems L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+036.00 09:50-10:20) Joint survey for excavation profile 13:30-) Drilling for blast L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+036.00 Ch. 0+28.0-0+35 20:00-02:55) Fixing of wire mesh on crown portion 07Pcs L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+036.00 Ch. 0+025.0-0+030 08:30-) Fixing of wire mesh on crown portion (04Pcs) L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+036.00 Ch. 0+023.0-0+028 20:15-) Fixing of wire mesh on crown portion (5 Pcs) L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+036.00 Ch. 0+028.0-0+036.0 10:40-11:10) Demarcation for rock dowels without survey L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+036.00 Ch. 0+025.0-0+035 20:00-) Rectification of wire mesh on crown portion L/S F.Ch.: 0+067 No Activity	Day R/S F.Ch.: 0+036.00 Ch. 0+028.0-0+035 8:00-) Rectification of wire mesh on crown portion L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+036.00 Ch. 0+025.0-0+035 20:00-00:30) Rectification of wire mesh on crown portion 00:30-00:55) Inspection carried out & allowed for shotcrete Waiting for shotcrete L/S F.Ch.: 0+067 No Activity
Intake area	Day El: ▼0+979-0+971 No activity El: ▼0+872.5-0+876.0 Ch.:0+170.0-0+182.0 8:00-17:00) Form working and Surface cleaning. Ch.:194-0+106 8:00-15:00) Fixing of form work for concrete. Ch.: 0+206-0+0218 8:00-11:00) Drilling for rock dowels Ch.: 0+194-0+118 15:30-16:30) Grouting for rock dowels (44 pcs) Used cement=350kg	Day El: ▼0+979-0+971 No activity CH: 0+000-0+050.0 08:00-15:00) Removing of stones with jack hammer El: ▼0+872.5-0+876.0 Ch.:0+170.0-0+182.0 8:00-16:00) Form working and Surface cleaning. Ch.:0+194-0+206.0 8:00-17:00) Fixing of form work for concrete. Ch.: 0+218.0-0+230.0 8:00-14:00) Drilling for rock dowels	Day El: ▼0+979-0+971 No activity Ch.: 0+218.0-0+230.0 14:30-15:15) Grouting for rock anchor. (24 pcs) Used cement=250kg	Day El: ▼0+979-0+971 No activity Ch.: 0+218.0-0+230.0 14:30-15:15) Grouting for rock anchor. (24 pcs) Used cement=250kg	Day El: ▼0+979-0+971 No activity CR-04 Ch.:0+60.0-0+100.0 08:00-14:00) Excavation & mucking Ch.:0+950.0-0+820.0 13:30-16:30) Charging for blast (Exp=260.0KG) Waiting for blast El: ▼0+873-0+876 08:00-) Removal of form work from retaining wall	Day El: ▼0+979-0+971 No activity El: ▼0+873-0+876 08:00-) Removal of form work from protective retaining wall	Day El: ▼0+979-0+971 No activity El: ▼0+873-0+876 08:00-) Removal of form work from protective retaining wall Ch.: 0+020.0-0+060.0 08:30-) Excavation & mucking
Switchyard Compounds	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion) 8:00-12:00) Reinforcement & Form working for Side	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion) 8:00-) Reinforcement & Form working for Side	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-969 5th layer center portion) 8:00-16:30) Reinforcement & Form working for Side	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-971.0 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-971.0 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El: ▼960-971.0 5th layer center portion) 8:00-) Reinforcement

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Appendix K [26/30]

	<p>El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah</p> <p>El:▼940.0-950.0 3rd layer Center to right Portion) 10:20-16:30) Shotcrete 1st layer . (40m³)</p> <p>El:▼938.0-935.0 2nd layer Right Portion) 08:20-) Excavation & mucking around 2nd layer</p> <p>Note: Contractor is notified to cure shotcrete properly. Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>Ditch/Nullah 12:00-15:30) Pouring of concrete Qty=15m³</p> <p>El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Drainage/Nullah 15:30-) Pouring of concrete Qty=10.0m³ & is in progress...</p> <p>El:▼948.0-950.0 3rd layer Center to right Portion) 07:50-) Installation of plc. pipes for weep holes at 2nd layer right portion</p> <p>08:15-) Fixing of wire mesh at center to left portion</p> <p>El:▼938.0-935.0 2nd layer center to left Portion) 08:20-) Excavation & mucking around 2nd layer</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>Ditch/Nullah El:▼956-952.5 5th layer center portion) 8:00-13:00) Reinforcement & Form working for Side Ditch/Nullah 14:20-14:50) Pouring of concrete (2m³)</p> <p>El:▼948.0-950.0 3rd layer Center to right Portion) 08:15-) Fixing of wire mesh at center to left portion</p> <p>El:▼938.0-935.0 2nd layer center to left Portion) 08:20-) Excavation & mucking around 2nd layer</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>Ditch/Nullah El:▼956-952.5 5th layer center portion) 8:00-16:30) Reinforcement & Form working for Side Ditch/Nullah</p> <p>El:▼948.0-950.0 3rd layer Center to left Portion) 08:15-15:30) Fixing of wire mesh at center to left portion (13pcs)</p> <p>El:▼938.0-935.0 2nd layer center to left Portion) 08:20-) Excavation & mucking around 2nd layer</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>15:30-17:30) Pouring of concrete Qty=09.0m³</p> <p>El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah 12:30-15:30) Pouring of concrete Qty=26m³</p> <p>El:▼949.0-946.0 3rd layer Center to right Portion) 08:15-) Fixing of wire mesh at center to right portion</p> <p>El:▼938.0-935.0 2nd layer center to left Portion) No Activity</p> <p>El:▼933.0-935.0 1st layer center to right Portion) 08:10-) Excavation & mucking</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah</p> <p>El:▼942.0-940.0 3rd layer Center to right Portion) 08:15-16:30) Fixing of wire mesh at center to right portion 12pcs</p> <p>El:▼950.0-944.0 3rd layer center to right Portion) 09:30-16:15) Second layer shotcrete center to left portion PS Qty=42.0m³</p> <p>El:▼938.0-935.0 2nd layer center to left Portion) No Activity</p> <p>El:▼925.0-920 1st layer center to right Portion) 08:10-) Excavation & mucking</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>	<p>& Form working for Side Ditch/Nullah</p> <p>El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah</p> <p>El:▼942.0-940.0 3rd layer Center to right Portion) No Activity</p> <p>El:▼950.0-944.0 3rd layer Center to right Portion) No Activity</p> <p>El:▼940.0-930.0 2nd layer center to right Portion) 08:00-) Fixing of wire mesh</p> <p>El:▼928.0-923 1st layer center to right Portion) 08:10-) Excavation & mucking</p> <p>Note: Contractor is notified to cure shotcrete properly Night El▼950-947.0(3rd layer left portion)</p> <p>El▼940.0-938.0(2nd layer right portion)</p>
Provision of Security Measure	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>	<p>Day Sentry Tower CT-02 No Activity</p> <p>Sentry Tower Khushi Camp. No Activity</p> <p>Existing KKH In front of CR-9 Main Gate. No Activity</p> <p>Junction Point of Road leading to Batching plant & Tunnels areas at CR-9 No Activity</p> <p>Existing KKH No Activity</p>
Day work	<p>Day KKH upstream of CR-9 Main Gate. No Activity</p>	<p>Day KKH upstream of CR-9 Main Gate. No Activity</p>	<p>Day KKH upstream of CR-9 Main Gate. No Activity</p>	<p>Day KKH upstream of CR-9 Main Gate. No Activity</p>	<p>Day KKH upstream of CR-9 Main Gate. No Activity</p>	<p>Day No activity</p>	<p>Day No activity</p>
LU 1	<p>Day Ch.: 0+000-0+030 8:15-17:00) Drilling for invert blast</p>	<p>Day 08:30-17:00) Excavation & Mucking</p>	<p>Day Ch.: 0+030-0+060 8:50-14:30) Drilling for blast 16:10-) Charging for blast is in progress.</p>	<p>Night Ch.: 380 - 600</p>	<p>Day CR05-1 Ch.:0+820.0-0+780.0 08:00-16:00) Drilling for blast</p>	<p>Day CR05-1 Ch.:0+820.0-0+950.0 08:30-16:30) Excavation & mucking Ch.:0+800-0+740 08:45-16:30) Drilling for blas</p>	<p>Day CR05-1 Ch.: 0+000-0+100.0 12:40-) Charging for blast is in progress...</p>
LD7	<p>Day Ch.: 380 - 600</p>	<p>Ch.: 380 - 600</p>	<p>Ch.: 380 - 600</p>	<p>Ch.: 380 - 600</p>	<p>Ch.: 380 - 600</p>	<p>No activity</p>	<p>No activity</p>

	22 Wednesday	23 Thursday	24 Friday	25 Saturday
Tailrace Tunnels 1 CT2	<p>Day F.CH: 1+500.0- (U/S) 07:10-11:30) Drilling for blast 11:40-12:33) Charging for blast Exp=320kg 12:45) Blast carried out 13:35-17:30) Mucking & scaling F.CH: 1+657.0- (D/S) 13:30-14:00) Survey for blast 14:00-17:50) Drilling for blast 17:50-19:00) Charging for blast Exp=345kg NOTE: Ventilation & illumination problem at site. Night F.CH: 1+500.0- (U/S) Ch.:1+500.0-1+496.0 22:50-23:30) 1st layer shotcrete Qty=05m³ 01:00-) Fixing of wire mesh F.CH: 1+657.0- (D/S) 20:20) Blast carried out 20:50-) Mucking & scaling</p>	<p>Day F.CH: 1+500.0- (U/S) Ch.: 1+496.0-1+500.0 12:05-12:50) 2nd layer shotcrete (PS Qty=7.0m³) Ch.:1+504.50- 14:15-) Drilling for rock dowels is in progress F.CH: 1+660.0- (D/S) Ch.: 1+653.0-1+660.0 07:00-11:45) Fixing of wire mesh (14pcs) 14:00-15:50) 2nd layer shotcrete (PS Qty=13.0m³) NOTE: Ventilation & illumination problem at site. Night F.CH: 1+500.0- (U/S)</p>	<p>Day F.CH:1+498.5- (U/S) Ch.: 1+501-1+498.5 10:00-10:50) Second pass of 2nd layer shotcrete PS Qty=5m³ F.CH:1+498.5- 12:45-17:00) Drilling for blast 17:00-18:15) Charging for blast (Exp=350kg) 18:25) Blast carried out 18:25-18:50) Ventilation F.CH: 1+680.0- (D/S) Ch.: 1+657.0-1+660.0 08:45-09:35) Second pass of 2nd layer shotcrete PS Qty=5m³ NOTE: Ventilation & illumination problem at site. Night F.CH:1+498.5- U/S 20:00-23:00) Mucking and scaling F.CH: 1+660.0- (D/S) No Activity due to resources limitation. NOTE: Ventilation & illumination problem at site.</p>	<p>Day F.CH: 1+492.5- (U/S) Ch.: 1+496.0-1+492.5 07:00-16:40) Fixing of wire mesh Qty=14.5pcs) Ch. 1+495.5 18:00 19:00) Drilling for Rock dowels F.CH: 1+660.0- (D/S) 10:100-10:30) Survey for blast 17:30-) Drilling for blast is in progress- Tailrace 01 NOTE: Ventilation & illumination problem at site. Night F.CH: 1+492.5 (U/S) Ch. 1+495.5 19:00-20:00) Grouting and installation of Rock dowels 11Pcs. F.CH: 1+660.0- (D/S) Day-20:00) Drilling for blast 21:00-22:30) Charging for blast (Exp= 350kg) 23:40) Blast Carried out 00:30-) Mucking & Scaling NOTE: Ventilation & illumination problem at site</p>
Tailrace Tunnels 2 CT2	<p>Day F.ch 1+569.5- (U/S) 08:00-09:57) Invert levelling & mucking 10:10-10:59) First layer shotcrete PS Qty=6m³ Ch.: 1+573.5-1+570.0 13:00-) Fixing of wire mesh (11pcs) 17:00-17:40) 2nd layer shotcrete Qty=08m³ F.Ch:1+697.5- (D/S) No Activity due to resources limitation. Night F.ch 1+569.5- (U/S) Ch.:1+575.0-1+584.0 23:30-) Drilling for rock dowels F.Ch:1+697.5- (D/S) No Activity due to resources limitation.</p>	<p>Day F.ch 1+569.50- (U/S) 07:30-11:45) Drilling for blast 11:45-13:00) Charging for blast (Exp=350.0kg) 13:10-) Blast carried out 13:30-) Mucking is in progress F.Ch:1+697.5- (D/S) No Activity due to resources limitation. Night F.ch 1+569.5- (U/S)</p>	<p>Day Ch.: 1+569.5-1+566.5 07:00-12:00) Fixing of wire mesh (10pcs) 13:45-14:35) Second layer shotcrete PS Qty=08m³ F.ch 1+701.5.0(D/S) F.Ch:1+697.5-1+701.5. 07:00-11:30) Mucking & scaling 11:30-12:30) Geological Mapping Qty=2.08 13:00-13:45) 1st layer shotcrete PS Qty=5.0m³ Night .ch 1+566.5 - (U/S) Ch.:1+584.0-1+578.0 18:00-21:30) Grouting & Installation of rock dowels 33Pcs. 20:00-00:30) Drilling for blast 00:30-01:40) Charging for blast Exp=350kg 01:55) Blast Carried out 02:35-) Mucking & scaling F.ch 1+701.5.0(D/S) No Activity due to resources limitation.</p>	<p>Day F.ch 1+563.0- (U/S) Ch: 1+566.5-1+563.0 07:00-08:30) Mapping Qty=2.05 08:38-09:35) First layer shotcrete PS Qty=6.0m³ 11:00-11:45) Survey for blast 12:30-16:00) Drilling for blast F.ch 1+701.5.0(D/S) F.Ch:1+697.5-1+701.5. 13:00-13:45) 2nd layer shotcrete PS Qty=7.0m³ CH: 1+696.0 11:30-13:00) Drilling for rock dowels 16:30-18:00) Grouting and installation of Rock dowels (7 Pcs.) Night F.ch 1+563.0- U/S 21:00-22:15) Charging for blast (Exp=350kg) 23:40) Blast Carried out 03:55-)</p>

Dasu Hydropower Project

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Appendix K [27/30]

				Mucking & Scaling F.Ch.1+701.5.0(D/S) No Activity due to resources limitation.
ADFT	Day No activity	Day No activity	Day ADFT - CT01 Junction ADFT R/S Ch.:0+20.0-0+25.0 09:30-16:30) Extension of service pipes Night ADFT L/S Ch.:+34.0	Day No activity
Tailrace Tunnels 1 CT 1	Day Transition Area F.Ch:0+00.0 (Approx) (U/S) 08:00-09:00) Scaling and levelling 10:30-10:50) Survey for blast 11:30-) Drilling for blast F.Ch:0+21.0 (Approx) (D/S) No Activity Night Transition Area F.Ch:0+001.0 (Approx) (U/S) 20:00-22:45) Drilling for blast 23:00-03:25) Charging for blast Exp=125Kg 03:40) Blast Carried out F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation.	Day Transition Area F.Ch:0+00.0 (Approx) (U/S) 08:00-) Mucking is in progress. Night transition Area	Day Transition Area F.Ch:0+00.0 (Approx) (U/S) 08:00-09:00) scaling & invert cleaning F.Ch:0+21.0 (Approx) (D/S) No Activity Night Transition Area No Activity due to resources limitation. F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation.	Day Transition Area F.Ch:0+00.0 (Approx) (U/S) No Activity due to resources limitation. F.Ch:0+21.0 (Approx) (D/S) No Activity due to resources limitation. Night Transition Area No Activity due to resources limitation. F.Ch:0+21.0 (Approx) (D/S) 20:00-) Drilling for blast
Tailrace Tunnels 2 CT 1	Day F.Ch:0+001 (U/S) Ch.:0+005-0+017 08:00-09:00) Drilling for rock dowels 9:20-14:30) Installation and packing of rock dowels (20Pcs.) Night Ch.:+05-0+17.0 21:00-23:45) Grouting for rock dowels (19 Pcs.) 00:15-02:45) Installation & Packing of rock dowels (09 Pcs.)	Day Ch.:0+00.0-0+002 13:35-14:10) 1st layer shotcrete (Qty=3.0m³) Night Ch.:+05-0+17.0	Day F.Ch:0+001 (U/S) Ch.:0+10.0-0+17 09:30-14:40) Installation of wire mesh on left wall (06pcs) Night Ch.:+04-0+18.0 20:30-02:00) Fixing of wire mesh 1st layer on left wall 07Pcs.	Day F.Ch:0+001 (U/S) Ch.:0+01.0-0+20 09:30-14:40) Installation of wire mesh on left wall (06pcs) Night Ch.:+015-0+020.0 20:30-02:45) Fixing of wire mesh 1st layer (06 Pcs)
TC I 1	Day No activity	Day Ch.: +135.50-0+240 Night No Activity due to resources limitation.	Day Ch.: 0+135.50-0+240 Night Ch.:0+230.0-0+200.0 20:00-) Removing PS Tendon Head Block formworks	Day Ch.: 0+135.50-0+240 Ch.:0+230.50-0+235.50 12:00-16:00) Tensioning of PS tendons Location: P48-5, P47-5 I-1-2 Ch.:+045.0-0+170.0 14:00-) Repairing of Extensometer wire which was damaged during shifting of platform. Night Ch.:+0235.5-0+220.5 21:25-) Tensioning of PS tendons Location: P48-6 (El=38.6mm), P47-6 (El=37.7mm), P46-6 (El=40.0mm), P45-6 (El=43.9mm)
TC II-2(1)+TCI-2(2) (Left and Right)	Day II-2 Right Ch: 555.0-0+60.0 08:00-) Form working for Head Block of PS Tendon. P13-7, P13-8, P38-7, P27-7, P27-8, 13-7, 8, P12-7, 8 Ch: 150.0- 8:00) Installation of water utility pipeline. II-2 Left side Ch: 165.5-0+175.50 08:00-) Form working for Head Block of PS Tendon. Location: P34-4, 5, P33-4, P32-4 Ch: 0+050 - 0+070 8:00-) Welding works for assembling of steel platform Ch.:+175.0- 10:00-) Dismantling of scaffolding platform Night I-2 Right Ch. 0+65.5-0+180.5 20:00-) Form working for Head Block of PS Tendon (08 Pcs.) Location: P36-7, 8, P37-7, P11-7, 8, P10-7, 8, P14-7 Note: Contractor has been notified to keep PS Tendon head block formworks & Steel plate in same alignments. II-2 Left side Ch. 0+165.5-0+170.5 20:00-) Pouring of sika for Head Block of PS Tendon (05 Pcs.) Location: P33-3, 4, P32-3, 4, P35-4 Ch: 0+050 - 0+070 20:00-) Enlargements & Assembling of Steel Channel platform with Scaffolding pipe.	Day II-2 Right Ch: 030.50-0+170.50 08:00-) Form working for Head Block of PS Tendon. Location: P35-7, P34-7, P34-8, P33-8, P32-8, P9-7, P8-7, P7-7, P7-8, Night II-2 Left side Ch: 0+145.50-0+150.50 08:00-) Form working for Head Block of PS Tendon. Location: P30-3, P30-4, P30-5, P31-4, P31-5 Ch: 0+050 - 0+070 8:00-) Welding works for assembling of steel platform	Day II-2 Right Ch: 030.50-0+170.50 08:00-) Form working for Head Block of PS Tendon (05Pcs). Location: P33-7, P34-6, P32-7, And P31-7, P31-8 Ch.:+0210.50-0+240.50 14:00-) Removing form work of head block for PS tendons II-2 Left side Ch: 0+20.50-0+240.0 08:00-) Form working for Head Block of PS Tendon (07Pcs). Location: P5-3, P5-4, P6-3, P6-4, P7-3, P-74 P48-3 Ch: 0+050 - 0+070 8:00-) Welding works for assembling of steel platform Ch.:+0220.50-0+235.50 09:30-17:00) Pouring of sika for head block of PS tendons (05Pcs) Location: P36-2, P36-3, P37-2, P31-3, P32-2 Night I-2 Right Ch. 0+145.5- 22:00-) Pouring of sika for Head Block of PS Tendon (2Pcs.) Location: P30-7,8 II-2 Left side Ch. 0+70.5-0+140.5 20:00-) Form working for Head Block of PS Tendon (08Pcs.) Location: P15-3,4, 5, P29-3,4, P16-3, P17-3,4	I-2 Right Ch: 030.50-0+170.50 08:00-) Form working for Head Block of PS Tendon (02Pcs). Location: P32-6, P33-6 II-2 Left side Ch: 0+20.50-0+240.0 08:00-) Form working for Head Block of PS Tendon (04Pcs). Location: P11-3, P11-4, P12-3, P12-4, And Ch: 0+050 - 0+065.0 8:00-) Welding works for assembling of steel platform Ch.:+0220.50-0+235.50 09:30-17:00) Pouring of sika for head block of PS tendons (05Pcs) Location: P36-2, P36-3, P37-2, P31-3, P32-2 Night I-2 Right Ch. 0+145.5- 22:00-) Pouring of sika for Head Block of PS Tendon (2Pcs.) Location: P30-7,8 II-2 Left side Ch. 0+70.5-0+140.5 20:00-) Form working for Head Block of PS Tendon (08Pcs.) Location: P15-3,4, 5, P29-3,4, P16-3, P17-3,4
TC Left crown I-2	Day No activity	Day FC F.Ch:0+241.0- (D/S)	Day No activity	Day No activity
TC Right crown I-3	Night No activity	Day F.Ch: 0+241.0 (D/S)	Day No activity	Day No activity
Powerhouse Exhaust Tunnel	Day Ch.:0+175.0-0+192.0 14:10-16:10) pouring of concrete for Side Drain Qty=9m³ Night Ch.:+0+175.0-0+192.0 20:00-) Curing Concrete.	Day Ch.:0+99.0-0+192.0 08:00-) Curing Concrete. Night Ch.:+0+175.0-0+192.0	Day Ch.:0+99.0-0+192.0 8:30-) Curing Concrete. Night Ch.:+0+175.0-0+192.0	Day No activity
PH I 1 Center crown	Day No activity	Day F Ch.:0+241 Ch:0+170.0-0+200.0 8:40-) Drilling for PS Tendon up to 13.5 (12holes) Night F Ch.:0+241	Day F Ch.:0+241 Ch: 0+200.0- 8:00-) Drilling for PS Tendon up to 13.5m (10holes) NOTE: Ventilation & illumination problem at site. Night F Ch.:0+241 Ch.: 0+165.6 - 21:00-) Drilling for PS tendons up to 14m (7 Holes) Ch.:0+160.0- 23:00-) Drilling for PS tendons up to 14m (6Holes) Ch. 0+187.45-0+201.25 20:00-0:15) Installation of PS tendons (06Pcs). Location: PH88-8, PH87-8, PH86-8, PH84-7,10 PH82-10	Day F Ch.:0+241 Ch: 0+207.0-0+175.0 8:00-) Drilling for PS Tendon up to 13.5m (10holes) NOTE: Ventilation & illumination problem at site. Night F Ch.:0+241 Ch.: 0+235-0+220 22:00-) Drilling for PS tendons up to 14m (7 Holes) Ch. 0+187.45-0+194.35 20:00-) Installation of PS tendons (3 Pcs). Location: PH85-7, PH82-7, PH83-6,
PH II 1	Day No activity	Day F Ch.:0+241 II-2 Left Night F Ch.:0+241	Day No activity	Day F Ch.:0+241 Ch: 0+207.0-0+175.0 8:00-) Drilling for PS Tendon up to 13.5m (10holes) NOTE: Ventilation & illumination problem at site. Night F Ch.:0+241 Ch.: 0+235-0+220 22:00-) Drilling for PS tendons up to 14m (7 Holes) Ch. 0+187.45-0+194.35 20:00-) Installation of PS tendons (3 Pcs). Location: PH85-7, PH82-7, PH83-6,
PH I 2 Lift Crown	Day No activity	Day No activity	Day No activity	Day No activity
PH II-2(1)+PH. II-2(2) (Left and Right)	Day II-2 Right Ch:0+23.0 9:00-) Rebar cutting for PS tendons (8 Holes) Ch:0+100- 08:30-) Drilling for PS tendons (3Holes) Ch:0+130.0-0+150.0 8:40-) Fighting of TRBs Nut for Tensioning Ch:0+231.15-0+233.45 9:15-09:50) Packer Grouting for PS tendons (02Pcs.) Location: PH102-9, PH103-9 Ch:228.85 10:00-) Grouting for PS tendons Location:- (PH100-10) (515.7KG) II-2 Left Ch:0+30.0- 8:00- 11:30) Fighting of TRBs Nut for Tensioning 15:00-16:40) Tensioning of Tension Rock bolts (9Pcs) -L72-3, L73-3,-L69-4,L69-3,-L69-2,-L66-3,-L70-2,-L71-2) Note:- (L71-3) Nut Rotating During Tensioning) Ch:-203.55-0+205.85 08:00-) Installation of PS tendons (7pcs Installed) Location:- (PH89-4, PH89-5, PH89-6,PH89-7,PH89-8 PH90-6,PH90-7) Night II-2 Right Ch. 0+136.85-0+143.75 20:30-) Fixing of TRBs Nut and Tensioning of TRBs (9 Pcs.) Location: R20-2, 3, 4, R21-2, R23-2, R25-2, R19-4, R22-4 Note: - R22-4 TRB Rotated during tensioning test. Ch.: 0+116.0-0+130.0 20:00-) Drilling for PS tendons up to 6m (Holes) CH: 0+37-0+25 20:30-) Drilling for rebar cutting. Ch.:0+219.65-0+233.45 20:30-) Grouting of PS Tendons (06Pcs.) Location: PH99-9 (290.6Kg), PH101-9 (403.2Kg), PH102-9 (230.7Kg), PH 97-8 (234.8Kg)	Day II-2 Right Ch:- 0+14.95-0+63.25 08:00-) Installation of PS tendons (10pcs Installed) Location:-PH17-14, PH8-14, PH10-14, PH11-14, PH12-14, PH14-14, PH16-14, PH26- 14, PH27-14, PH28-14) Ch:0+35.0-0+50.0 9:00-) Rebar cutting for PS tendons (08Holes) Ch:0+119.60-0+149.0 8:40-16:00) Fighting of TRBs Nut & tensioning for Tensioning (11PCS) Location: R30-3, R09-2, R08-2, R07-2, R10-3, R13-4, R15-4, R17-4, R09-4, R4-2, R5-2 Ch: 0+198.95-0+217.35 08:00-) Packer Grouting & packing for PS tendons (21Pcs.) Location: PH89-7, PH89-6, PH89-6, PH89-4, PH90-7, PH90-6, PH90-5, PH90, PH91-7, PH91-6, PH92-6, PH93-6, PH94-6, PH95-6, PH94-6, PH92-5, PH87-10, PH90-10, PH90-13, PH89-8, PH88-10, PH88-9) Ch:0+123.00-0+113.0 9:50-) Welding & Repairing of Steel platform II-2 Left Ch.:0+44.55- 11:00-) Drilling for PS tendons Ch:-110.0 10:30-) Repairing of Extensometer wire which was damaged during PS Tendon Drilling Night II-2 Right	No Activity due to limited resources II-2 Left Ch.:+25.0- 11:00-) Drilling for PS tendons (3 Holes) Ch:0+160.00+170.0 9:00-) Welding & Repairing of Steel platform II-2 Right Ch:0+2.3-0+034.5 8:00-15:50) Fighting of TRBs Nut & tensioning for Tensioning (10PCS) Location: - (R99-2,-R94-3,-R95-3, -R92-2, -R90-2, -R88-2, -R82-3, -R80-3, -R79-3, -R71-3) Ch:0+ 0+64- 9:00-) Rebar cutting for PS tendons (08Holes) Ch:0+3.45-0+134.55 10:00-) WPT for PS tendons (13 Pcs) Location:- (P59-14 (2.8) P58-14 (2.7) P57-14 (3.0) P56-14 (3.6) P54-14 (3.5) P55-14 (4.1) P53-14 (3.2) P52-14 (3.0) P19-1 (2.6) P21-1 (2.2) P20-1 (3.0) P18-1 (2.3) P21-1 (2.5) Ch: 0+221.95-0+189.75 08:00-16:00) Installation of PS tendons (5Pcs.) Location:- (PH97-7, PH98-2, PH98-6, PH82-5, PH83-5). T I-2 Right Ch. 0+212.75-0+217.35 20:30-) Grouting for PS Tendons (5 Pcs.) Location: P95-6(314.3kg), P95-7 (306Kg) PH94-5(286.6kg) PH93-6(437.7kg) PH94-6(328.9kg) Ch:0+ 0+80.0- 20:00-02:30) Rebar cutting for PS tendons I-2 Left Ch. 0+235.75-0+340.35 20:30-03:00) Fixing of TRBs Nut and Tensioning of TRBs (9 Pcs.) Location: L109-3, 4, L107-3, 4, L106-2, 3, L108-2, 3, L105-3 Ch. 0+10.35-0+37.95 20:00-) Water pressure test for PS tendons 14Pcs. Location: PH16-1(2.4), PH15-1(2.9), PH14-1(3.3), PH13-1(3.0), PH4-	I-2 Left Ch: 0+0.00-0+015.0 8:00-) Drilling for PS tendons (Holes) Ch: 0+205.85-208.15 9:00-) Grouting for PS Tendons (3 pcs.) Locations:- (P90-6,(578.6KG) P91-6 (450.1KG) P90-5 (352.7KG) Ch: 0+5.75- 8:53-9:05) Water pressure test for PS Tendon) Location:- (P3-1 (3.8/m) Further no WPT test due to machine Breakdown Ch:0+160.00+170.0 8:00-) Welding & Repairing of Steel platform Night II-2 Right Ch. 0+208.15-0+203.55 20:30-) Grouting for PS Tendons (Pcs.) Location: PH91-7(288.4kg), PH89-7 (548.2Kg) Night II-2 Left Ch. 0+238.5-0+227.7 20:30-03:00) Fixing of TRBs Nut and Tensioning of TRBs (08Pcs.) Location: L102-2, L100-2, 3, 4, L98-4, L107-2, L104-4, (L102-4 TRB rotated during tensioning) Ch:0+ 0+110-0+125 20:00-) Drilling for Rebar cutting Ch.: +25 - 0+35 20:00-) Drilling for PS tendons up to 6m (Holes)

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			1(2.4), PH12- 1(3.3), PH11-1(2.2), PH10-1(2.6), PH9-1(3.0), PH8-1(2.7), PH5-1(2.6), PH6-1(3.0), PH7-1(3.1), PH17-1(1.6). Ch.: 0+25 - 0+35 22:00-) Drilling for PS tendons up to 6m (Holes)	
PH I 3 Right Crown	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 2	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 1	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources
STB from powerhouse connection tunnel	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources	Day No activity due to limited resources
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day R/S F.Ch.: 0+036.00 Ch. 0+028.0-0+035 16:00-16:30) 2nd layer shotcrete (PS Qty=3.0m³) L/S F.Ch.: 0+067 No Activity Night Gallery junction Area 21:20-) Excavation for service pipe with jack hammer R/S F.Ch.: 0+036.00 No Activity due to breakdown of shotcrete jumbo L/S F.Ch.: 0+067 No Activity	Day S F.Ch.: 0+036.00 No Activity L/S	Day R/S F.Ch. 0+036.00 Shotcrete was not started due to electricity cable problem. L/S F.Ch.: 0+067 No Activity Night R/S F.Ch.: 0+036.00 Ch. 0+35 - 0+23 21:20-) 2nd Layer shotcrete Qty=8m³	Day R/S F.Ch. 0+036.00 Ch.:0+28.0-0+035.0 14:30-) Drilling for rock dowels L/S F.Ch.: 0+067 No Activity Night R/S F.Ch. 0+036.00 Ch.:0+28.0-0+035.0 No Activity due to Drilling jumbo break down
Intake area	Day El:▼0+979-0+971 No activity Ch.: 206.0-0+218.0 08:00-) Fixing of form work for protective retaining wall Ch.: 0+100+0-0+170.0 08:30-) Invert cleaning of surface	Day El:▼0+979-0+971 No activity Ch.: 0+194.0-0+206.0 08:00-11:30) Surface cleaning 14:30-) Pouring of concrete Qty=15.0m³ is in progress Ch.: 0+182.0-0+230.0 08:20-) Fixing of form work for protective retaining wall Ch.: 0+230-0+250.0 08:20-) Drilling for boulder blast	Day Ch.: 0+100.0-0+170.0 08:20-) Excavation of protective retaining wall. Ch.:0+194.0+206.0 08:15-) Removing of formwork for retaining wall Ch.: 0+182.0-0+196.0 CH: 0+218.0-0+230.0 08:20-) Fixing of form work for protective retaining wall Ch.: 0+230-0+250.0 14:30-16:00) Charging for boulders blast (Exp=37.0KG, Holes=43.0) 17:19 Blast carried out Night Ch.:0+194-0+206.0	Day Ch.: 0+170.0-0+150.0 08:00-10:00) Drilling for rock anchors 13:10-13:50) Grouting for rock anchors Qty=15pcs) (used cement=100kg) Ch.:0+182.0-0+194.0 08:15-) Fixing of formwork for retaining wall Ch.:0+206.0+218.0 08:15-) Fixing of formwork for retaining wall CH: 0+218.0-0+230.0 08:20-11:30) Cleaning of surface 13:30-17:35) Pouring of concrete Qty=50m³ is poured Ch.: 0+230-0+235.0 10:00-13:30) Excavation & mucking Night
Switchyard Compounds	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. El:▼960-971.0 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah El:▼950.0-946.0 3rd layer Center to left Portion) 09:35-10:50) Curing of shotcrete El:▼950.0-940.0 3rd layer Center to right Portion) 08:00-09:35) Curing of shotcrete El:▼937.0-930.0 2nd layer center to right Portion) 08:20-) Excavation & mucking El:▼928.0-923 1st layer center to right Portion) No Activity Note: Contractor is notified to cure shotcrete properly Night I▼950-947.0(3rd layer left portion)	Day No Activity Chinese I=01=00 Pak FM=01 Excavator=01(2E06) Mixer=3(1M09, 1M08, 1M Ch. FM=00 Local FM=00 Qc Engr=00 pal (us) =00 pack (so) =00 Welder=00 Electrician=00 Safety =00 operator/Driver=00 Helper=00 KKH upstream of CR-9 Main Gate. No Activity El:▼960-971.0 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah 08:30-14:00) Removing of form work ditch/Nullah steps no 7 to 9th. El:▼956-952.5 5th layer center portion) 8:00-) Reinforcement & Form working for Side Ditch/Nullah El:▼946.0-940.0 4th layer Center to left Portion) 08:20-) Excavation & mucking El:▼946.0-940.0 3rd layer Center to left Portion) 08:30-) Drilling for blast El:▼942.0-938.0 3rd layer Center to right Portion) 10:30-12:30) Second layer shotcrete PS Qty=9.0m³ >shotcrete suspended due to shotcrete machine breakdown El:▼937.0-930.0 2nd layer center to right Portion) No Activity El:▼928.0-923 1st layer center to right Portion) No Activity Note: Contractor is notified to cure shotcrete properly CR05-1 Ch.: 0+950-0+820.0 No Activity due to excavator breakdown. Ch Engr=00 pack Engr=00 Pak FM=00 FM chi=00 Day work order 07:30-17:30) Removing of debris material *Pace of work was slow Night El▼950-947.0(3rd layer left portion)	Day Day work order 07:30-17:30) Removing of debris material *Pace of work was slow. Night El:▼960-971.0 5th layer center portion) 08:30-) Removing of form work ditch/Nullah steps no 7 to 9th. 12:00-13:50) Pouring of concrete Qty=23m³ El:▼956-952.5 5th layer center portion) 8:00-09:30) Reinforcement & Form working for Side Ditch/Nullah 09:30-12:00) Pouring of concrete Qty=18m³ El:▼946.0-940.0 4th layer Center to left Portion) No Activity El:▼946.0-940.0 3rd layer Center to left Portion) 08:30-) Drilling for blast 08:00-) Excavation & mucking El:▼942.0-938.0 3rd layer Center to right Portion) No Activity El:▼937.0-930.0 2nd layer center to right Portion) No Activity El:▼928.0-923 1st layer center to right Portion) No Activity Note: Contractor is notified to cure shotcrete properly	Day I:▼960-971.0 5th layer center portion) 08:30-15:00) Removing of form work ditch/Nullah steps no 7 to 9th. El:▼956-952.5 5th layer center portion) 8:00-15:00) Reinforcement & Form working for Side Ditch/Nullah El:▼946.0-940.0 4th layer Center to left Portion) No Activity El:▼946.0-940.0 3rd layer Center to left Portion) 08:30-11:30) Drilling for blast 11:30-15:50) Charging for blast Exp=400kg No of holes=80 (Avgas deep the of holes=3.0m 16:48) Blast carried out El:▼942.0-938.0 3rd layer Center to right Portion) 11:19-13:30) Second layer shotcrete PS Qty=9m³ El:▼940.0-938.0 2nd layer center to left Portion) 08:00-) Excavation & mucking El:▼928.0-923 1st layer center to right Portion)
Provision of security measure	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity	Day Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity	Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity	Day No activity due to limited recourse
Day work	No activity	Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity	Sentry Tower CT-02 No Activity Sentry Tower Khushi Camp. No Activity	Day No activity due to limited recourse
LU-1	Day CR05-1 Ch.: 0+950-0+820.0 08:40-) Excavation & mucking Ch.: 0+780.0-0+690.0 08:50-) Drilling for blast	Day CR05-1 Ch.: 0+950-0+820.0 No Activity due to excavator breakdown	Day El:▼960-971.0 5th layer center portion) 08:30-) Removing of form work ditch/Nullah steps no 7 to 9th. 12:00-13:50) Pouring of concrete Qty=23m³ El:▼956-952.5 5th layer center portion) 8:00-09:30)	Day CR05-1 Ch.: 0+950-0+820.0 08:30-) Excavation & mucking

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Daily Work Records of EM-01

S/No Structure	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday	6 Saturday	7 Sunday
Terrace # 03	No activity	No activity	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling
Terrace #06 Office Building	Plinth beam formwork & wall foundation block masonry	Plinth beam formwork and concrete & wall foundation block masonry	Plinth beam formwork and concrete & wall foundation block masonry	Plinth beam formwork and concrete & wall block masonry	Plinth beam formwork and concrete & wall block masonry	Plinth beam concrete & wall block masonry	Wall block masonry
Terrace #11 3.2.2 Building	No activity	No activity	No activity	No activity	Foundation excavation	Foundation PCC	Foundation PCC
Terrace #12 Security Building	No activity	No activity	Wall block masonry	Wall block masonry & top beam formwork	Wall block masonry & top beam formwork	Wall block masonry & top beam formwork	Wall block masonry & top beam formwork
Terrace #16 3.2.2 Building	Foundation concrete	Foundation concrete	Foundation concrete & column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	Wall foundation PCC	Wall foundation block masonry
Terrace #16 3.1 Building	Foundation PCC	Foundation PCC	Foundation concrete	column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	Wall foundation pack & block masonry
Terrace #16 3.4 Building	Foundation excavation	Foundation excavation	Foundation PCC	Foundation formwork	Foundation concrete	column formwork up to plinth level	column concrete up to plinth level
Terrace #15 4.7&4.8 Building	No activity	No activity	No activity	No activity	No activity	No activity	Foundation excavation
Terrace #10 3.2.2 Building	Foundation concrete	Foundation concrete	Foundation concrete & column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	No activity	No activity
Control Room Post	Block masonry	Block masonry	Block masonry	Block masonry	Block masonry	Block masonry	
Nala	Excavation	Excavation	No activity	No activity	No activity	No activity	No activity
Block Manufacturing	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building
Rebar Cutting& welding works	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building
S/No Structure	8 Monday	9 Tuesday	10 Wednesday	11 Thursday	12 Friday	13 Saturday	14 Sunday
Terrace # 03	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling
Terrace #06 Office Building	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry& column formwork
Terrace #11 3.2.2 Building	Foundation PCC	Foundation concrete	No activity	No activity	No activity	No activity	column concrete up to plinth level
Terrace #11 3.1 Building	First floor column formwork	First floor column formwork& concrete	First floor column concrete	First floor block masonry	First floor block masonry	First floor block masonry	First floor block masonry & lintel beam formwork
Terrace #12 Security Building	top beam formwork & concrete	top beam concrete	top beam concrete	top beam concrete	top beam formwork	top beam formwork	top beam concrete
Terrace #16 3.2.2 Building	Plinth Beam formwork	Plinth Beam formwork& concrete	Plinth Beam concrete	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry
Terrace #16 3.1 Building	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Plinth beam formwork	Plinth beam formwork
Terrace #16 3.4 Building	column concrete up to plinth level	No activity	No activity	No activity	Wall foundation PCC	Wall foundation block masonry	Wall foundation block masonry
Terrace #16 retaining wall	No activity	No activity	No activity	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall
Terrace #15 4.7&4.8 Building	Foundation PCC	Foundation concrete & column formwork up to plinth level	Foundation concrete & column formwork up to plinth level	Foundation concrete & column concrete up to plinth level	No activity	Wall foundation block masonry	No activity
Terrace #15 4.3 Building	No activity	No activity	No activity	Foundation excavation	Foundation excavation	Foundation PCC	No activity
Terrace #10 3.2.2 Building no.01	No activity	Wall foundation PCC	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Plinth beam formwork	Plinth beam formwork
Terrace #10 3.2.2 Building no.02	No activity	No activity	Foundation excavation	Foundation PCC	Foundation concrete	column concrete up to plinth level	column concrete up to plinth level
Terrace #2 4.3 Building	Foundation excavation	Foundation excavation	Foundation excavation	Foundation PCC	Foundation PCC	Foundation concrete	Foundation concrete
Block Manufacturing	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building
Rebar Cutting& welding works	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building
S/No Structure	15 Monday	16 Tuesday	17 Wednesday	18 Thursday	19 Friday	20 Saturday	21 Sunday
Terrace # 03	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling	Excavation & leveling
Terrace # 09	No activity	No activity	Excavation Retaining Wall	Retaining Wall PCC	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall
Terrace # 13	Excavation & leveling	Excavation & leveling	No activity	No activity	No activity	No activity	No activity
Terrace #06 Office Building	Wall block masonry and column formwork& concrete	Wall block masonry and top beam formwork	Wall block masonry and top beam formwork& column concrete	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry and column concrete
Terrace #11 3.2.2 Building	column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	Wall foundation block masonry	Wall foundation block masonry	Plinth beam formwork
Terrace #11 3.1 Building	First floor block masonry & lintel beam concrete	First floor block masonry	First floor block masonry	First floor block masonry	First floor block masonry	First floor block masonry	First floor block masonry
Terrace #12 Security Building	No activity	No activity	Block masonry	Block masonry	No activity	Plaster	Plaster
Terrace #16 3.2.2 Building	Wall block masonry & lintel beam concrete	Wall block masonry & lintel beam concrete	Wall block masonry	Wall block masonry and column formwork & concrete	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry
Terrace #16 3.1 Building	Plinth beam formwork	Plinth beam concrete	Column formwork	Column Concrete	Column formwork & Concrete	Column formwork & Concrete	Column formwork & Concrete
Terrace #16 3.4 Building	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry	Plinth beam formwork	Plinth beam concrete	No activity
Terrace #16 retaining wall	Construction of Retaining Wall	No activity	No activity	No activity	No activity	No activity	No activity
Watch tower 07	No activity	No activity	No activity	No activity	Foundation excavation	Foundation PCC	Foundation concrete
Terrace #10 3.2.2 Building no.01	Plinth beam formwork	Plinth beam formwork	Plinth beam formwork	Plinth beam formwork	Plinth beam concrete	Plinth beam concrete	Plinth beam concrete

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Terrace #10 3.2.2 Building no.02	column concrete up to plinth level& other column excavation	column concrete up to plinth level& other column excavation	Other column foundation pack	No activity	Other column foundation concrete	Other column foundation concrete	Wall foundation block masonry
Terrace #2 4.3 no.1 Building	Foundation concrete	column concrete up to plinth level	column concrete up to plinth level	column concrete up to plinth level	Wall foundation block masonry	Wall foundation block masonry	Wall foundation block masonry
Terrace #2 4.3 no.2 Building	No activity	No activity	No activity	No activity	Foundation excavation	Foundation PCC	Foundation concrete
Terrace #2 &3 bolder blasting	No activity	No activity	No activity	No activity	Bolder blasting	Bolder blasting	Bolder blasting
Block Manufacturing	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building
Rebar Cutting& welding works	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building
S/No Structure	22 Monday	23 Tuesday	24 Wednesday	25 Thursday	26 Friday	27 Saturday	28 Sunday
Terrace # 03	Excavation Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall
Terrace # 09	Construction of Retaining Wall	Construction of Retaining Wall	No activity	No activity	No activity	No activity	No activity
Terrace #06 Office Building	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry and column concrete	Wall block masonry and top beam form work	Wall block masonry and top beam form work	Top beam formwork & floor PCC
Terrace #11 3.2.2 Building	Plinth beam formwork	Plinth beam formwork	Plinth beam formwork& concrete	Plinth beam formwork& concrete	Wall block masonry	Wall block masonry	Wall block masonry& column formwork & concrete
Terrace #11 3.1 Building	First floor top beam formwork	First floor top beam formwork	First floor top beam formwork	First floor top beam formwork	First floor top beam formwork	First floor top beam formwork	First floor top beam formwork
Terrace #12 Security Building	Plaster & floor Pac	Plaster & floor Pac	Roof truss welding	Roof truss welding	Roof truss welding	Roof truss welding	Roof truss welding
Terrace #16 3.2.2 Building	Wall block masonry	Slab & top beam formwork	Slab & top beam formwork	Slab & top beam formwork	Slab & top beam formwork	Slab & top beam formwork	Slab & top beam formwork
Terrace #16 3.1 Building	No activity	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry
Terrace #16 3.4 Building	Column formwork	Column formwork& concrete	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry
Terrace #10 3.2.2 Building no.01	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry	Wall block masonry
Terrace #10 3.2.2 Building no.02	Plinth beam formwork	Plinth beam formwork& concrete	Plinth beam concrete	Plinth beam formwork opening	No activity	No activity	No activity
Terrace #10 3.5,3.6&3.7 Building	No activity	No activity	No activity	No activity	Foundation excavation	Foundation Pac	Foundation concrete
Terrace #2 4.3 no.1 Building	Wall foundation block masonry	Formwork of plinth beam	Formwork of plinth beam	Formwork of plinth beam	Formwork of plinth beam	Formwork of plinth beam	Formwork of plinth beam & concrete
Terrace #2 4.3 no.2 Building	Column up to plinth level formwork	Column up to plinth level formwork	Column up to plinth level concrete	Column up to plinth level concrete	No activity	No activity	No activity
Terrace #15 4.7&4.8 Building	No activity	No activity	No activity	No activity	Plinth beam formwork	Plinth beam concrete	Wall block masonry
Block Manufacturing	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building
Rebar Cutting& welding works	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building
Stone Hammering	No activity	No activity	No activity	No activity	No activity	Preparing Stone for Retaining Wall by using Jack Hammer	Preparing Stone for Retaining Wall by using Jack Hammer

S/No Structure	29 Monday	30 Tuesday	31 Wednesday
Terrace # 03	Construction of Retaining Wall	Construction of Retaining Wall	Construction of Retaining Wall
Terrace #06 Office Building	Top beam formwork & floor PCC	Top beam formwork	Top beam formwork
Terrace #11 3.2.2 Building	Wall block masonry& column formwork & concrete	Wall block masonry& column formwork & concrete	Wall block masonry& column formwork & concrete
Terrace #11 3.1 Building	First floor top beam formwork	First floor top beam formwork& concrete	First floor top beam formwork& concrete
Terrace #12 Security Building	Roof truss welding	Roof truss welding	Roof truss welding
Terrace #16 3.2.2 Building	Slab & top beam formwork	Slab & top beam formwork	Slab & top beam formwork
Terrace #16 3.1 Building	Wall block masonry & lintel beam formwork	Wall block masonry & lintel beam concrete	Wall block masonry & lintel beam concrete
Terrace #16 3.4 Building	Wall block masonry & lintel beam formwork	Wall block masonry & lintel beam concrete	Wall block masonry & lintel beam concrete
Terrace #10 3.2.2 Building no.01	Wall block masonry & lintel beam formwork	Wall block masonry & lintel beam concrete	Wall block masonry & lintel beam concrete
Terrace #10 3.5,3.6&3.7 Building	Foundation concrete& column concrete up to plinth level	Column formwork & concrete up to plinth level	Column formwork & concrete up to plinth level
Terrace #2 4.3 no.1 Building	Formwork of plinth beam & concrete	Formwork of plinth beam & concrete	Formwork of plinth beam & concrete
Terrace #15 4.7&4.8 Building	Wall block masonry	Wall block masonry	Wall block masonry
Block Manufacturing	Preparing Block for Building	Preparing Block for Building	Preparing Block for Building
Rebar Cutting& welding works	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building	Rebar Cutting& welding truss for building
Stone Hammering	Preparing Stone for Retaining Wall by using Jack Hammer	Preparing Stone for Retaining Wall by using Jack Hammer	Preparing Stone for Retaining Wall by using Jack Hammer