



DASU HYDROPOWER CONSULTANTS

Dasu Hydropower Project

Joint Venture of



DOLSAR
ENGINEERING

With sub-consultants



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Our Ref. No: DHC/Dasu/WAPDA/GEN/tm/23- 307

Date: 13th March, 2023

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

Subject: Dasu HPP - MPR No.103 for the Month of February 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.103 (14 Copies)

Copy to:

1. All J.V. Members (1-copy each)
2. DHC Lahore Office
3. Office file



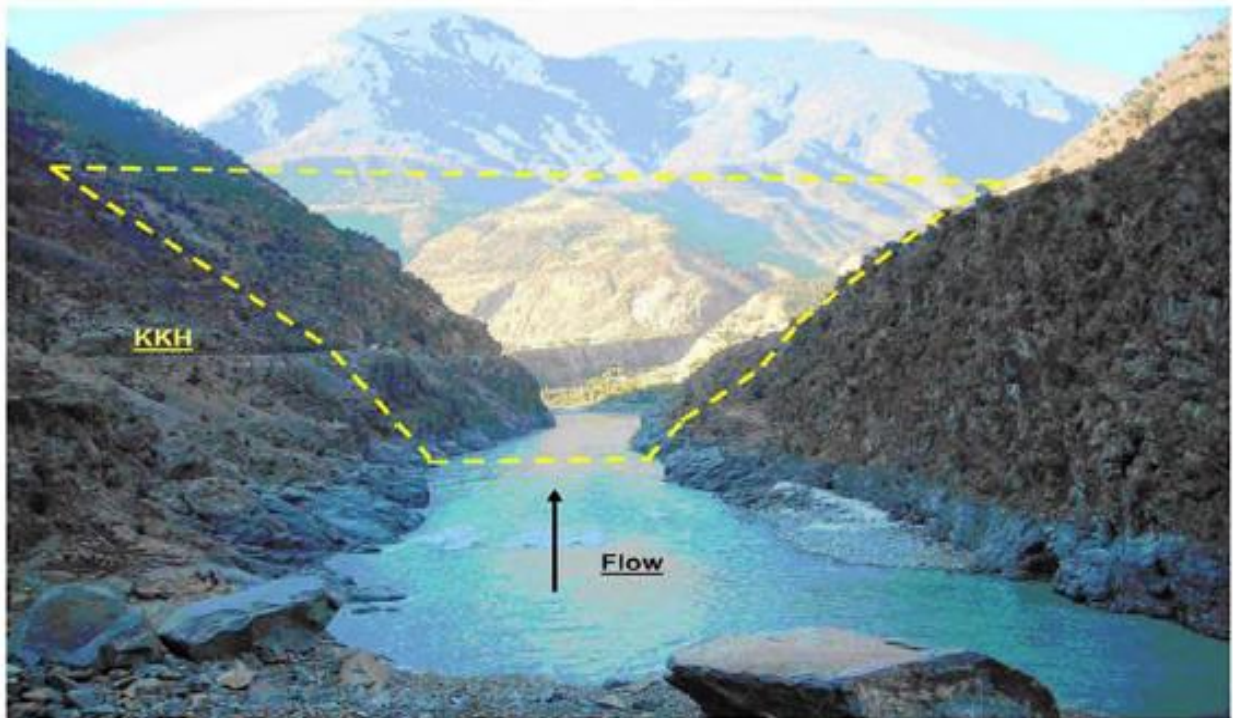
PAKISTAN WATER AND POWER DEVELOPMENT AUTHORITY

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. 103

February 2023

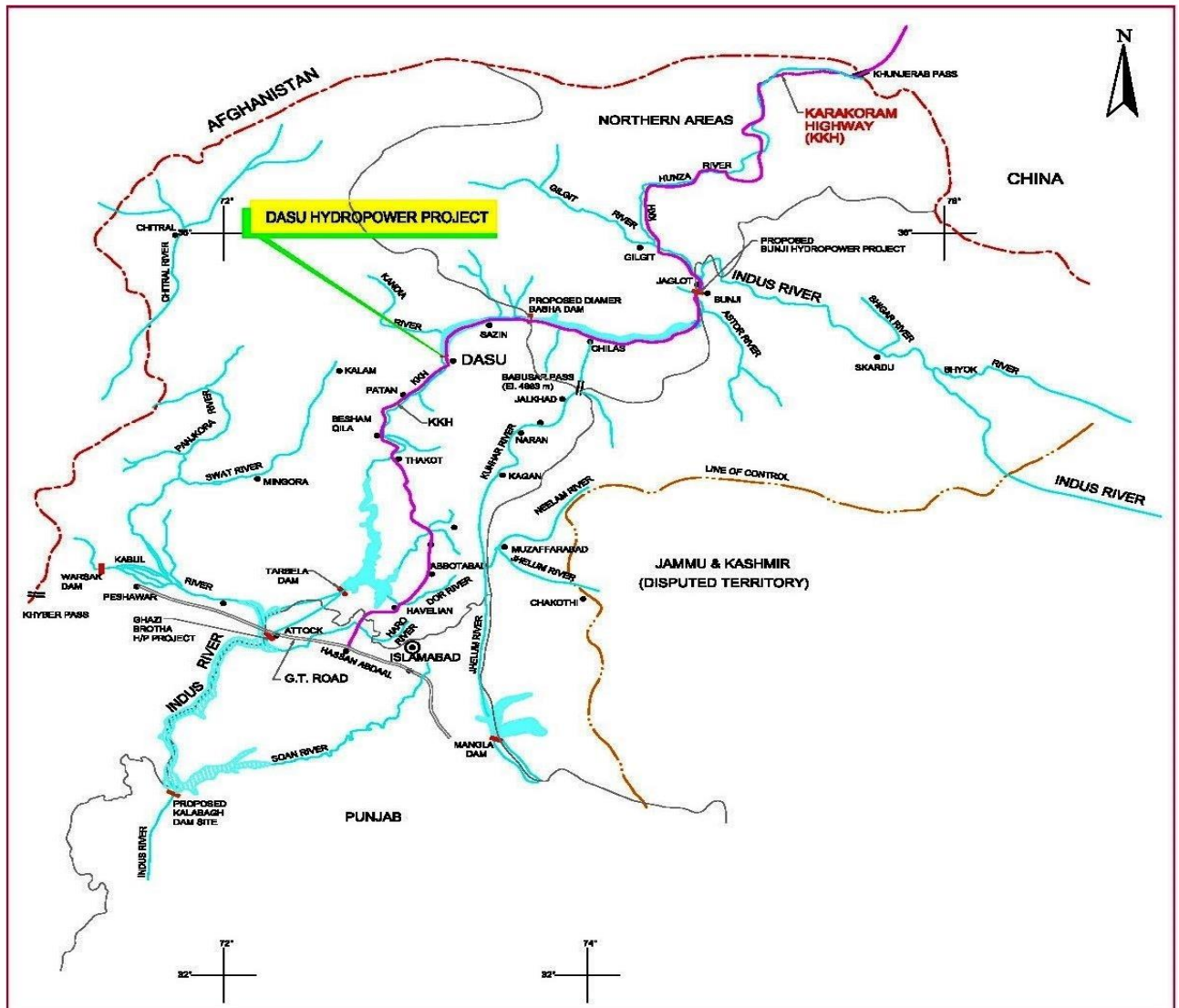
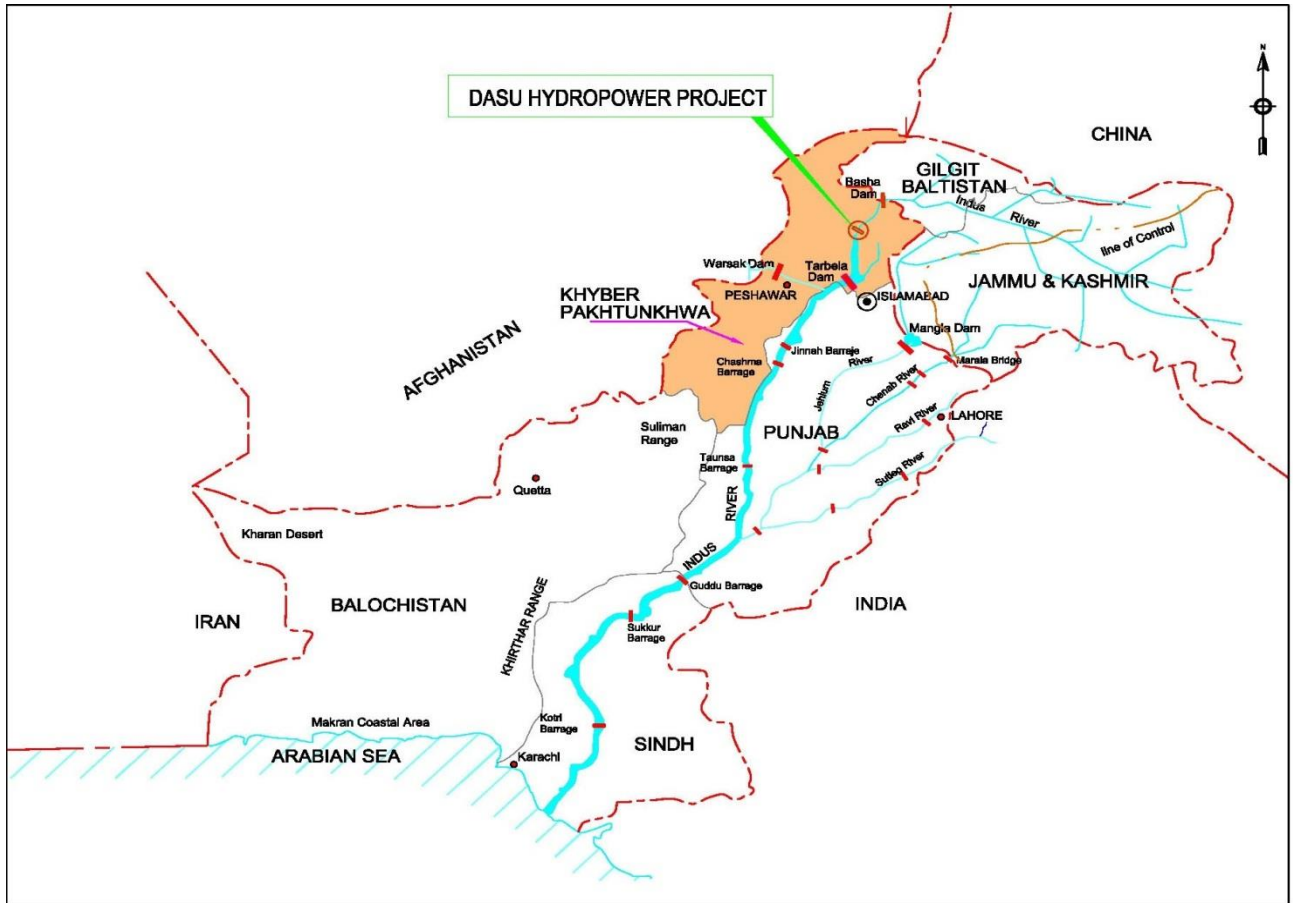
Dasu Hydropower Consultants (DHC)

Joint Venture of



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) A meeting was held in WAPDA Mega Hydel Complex Islamabad on February 9, 2023, with the participation of the Chairman WAPDA and Senior WAPDA Officers, the World Bank Senior Consultant, the Contractor CGGC, and the Engineer DHC on the River Diversion Scheme work status and planned completion dates.
- (2) A meeting with the World Bank Team was held in Islamabad on February 20, 2023. The main agenda of the meeting was to review the progress and plan of the new consultants (NESPAK) regarding LADP and other areas under their scope of work. The second agenda was to review the "Assessment Report on the Relocation of Public Schools". The current status and assessment results were presented to the World Bank through PPT slides. The status of court cases and TRP payments to the AHHs relocating to Khushi Resettlement Site-1 was also discussed in detail. Finally, the status of labor issues were briefed to the World Bank Team and the labor conflicts of locals and non-locals were discussed. The following team from WAPDA and DHC attended the meeting in Islamabad.
 - a. General Manager / Project Director, DHPP
 - b. Director General Social Safeguards, DHPP.
 - c. Director Social & Resettlement, DHPP,
 - d. Advisor (LADP), DHPP
 - e. Chief Social & Resettlement, DHC, DHPP.

The World Bank Team was consisted of the following four members;

- i. Mr. Rikard Liden, Lead Energy Specialist
 - ii. Mr. Imran-ul-Haq, Sr. Social Development Specialist
 - iii. Mr. Gunjan Gautam, Operations Officer, and
 - iv. Mr. Masood Ahmed, Senior Advisor
- (3) 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.
 - (4) Seven-member World Bank Team visited DHPP during February 26-28, 2023 for reviewing the DHPP progress. The WB team included; Lead Energy Specialist (Mr. Rikard Liden), Sr. Social Development Specialist (Mr. Imran-ul-Haq), Operations Officer (Mr. Gunjan Gautam), Senior Advisor (Mr. Masood Ahmed), Senior Environment Specialist (Mr. Ahmed Iman Aslam), Consultant Social & Environment (Mr. Omer Khalid) and Consultant Land Acquisition (Mr. Farid Ahmed). The team visited the main works area and WAPDA Colony & Offices on the first day. The team visited River Diversion Tunnel, Power House and Tunnel Area.

The World Bank Team was briefed about the progress and issues of DHPP Contracts. The Team visited the Deputy Commissioner's Office and the progress of Land Acquisition and ESMR was briefed by the Deputy Commissioner and Land Acquisition Collector. Detailed discussions held with the Deputy Commissioner and Land Acquisition Collector to expedite the acquisition of remaining land and relocation of houses from the priority areas as they have received compensation payments and all project allowances, particularly the Siglo area. The Deputy Commissioner was also requested to resolve the issue of water source related to resettlement sites as early as possible. The Social and Environment Team conducted separate sessions to review the progress of Social, Resettlement and Environment teams. The S&R Team presented the progress of their respective sections. The World Bank Team also had a detailed meeting with the new LADP consultants (NESPAK) to expedite the progress of LADP, Income & Livelihood Restoration Program, and Public Health Implementation Plan. The scope of work and plan of work of NESPAK Consultants was discussed in detail.
 - (5) During February 2023, an amount of PKR 17,365,771/- was paid as compensation payment to 35 PAPs of 12 components. A total of 37 cheques were issued by DC office during the month of February 2023.

By the end of February 2023, a total amount of PKR 19.43 billion was paid, including PKR 19.09 billion to 7,924 PAPs through 11,730 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.

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
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.				

Sr. No.	Contracts Name	Specific Procurement Notice for Prequalification Application		Invitation for Bid (IFB)	Pre-Bid Meeting	Final Bid Submission/ Opening Date
		Opening	Closing			
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 the program were planned to be phased over a period of twenty-five years as shown in the 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	MMs as per Approved AM-4 (B)	MMs Consumed up to previous month	MMs Consumed during the month	Accumulated MMs
(1)	(2)	(3)	(4)	(5)=[3+4]
NK	1,196.70	878.66	12.54	891.20
Dolsar	520.96	367.78	6.74	374.52
Locals	8,950.44	5,920.90	96.11	6,017.01

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	24	109	246	379
Grand Total					404

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	Name of Firm
1	Mr. John Gordon Allan	Head of Contracts	06 th February 2023	NK
2	Mr. Ali Murat Ozbek	Construction Technical Advisor-3	06 th February 2023	NK
3	Mr. Nguyen Huu Duong	Assistant Design Engineer	06 th February 2023	NK
4	Mr. Ali Onur Kuyucak	Bridge Design/ Supervision Engineer KKH-01, KKH-02	06 th February 2023	Dolsar
5	Mr. Naim Karaman	Deputy Project Manager C	06 th February 2023	Dolsar
6	Mr. Takahito Naka	Chief Geologist	13 th February 2023	NK
7	Mr. Erkan Bozkurt	Construction Technical Advisor	19 th February 2023	Dolsar

Table 3.5: Departure of DHC Expatriates from Project

Sr. No.	Name of Staff	Position/Designation	Date of Departure	Name of Firm
1.	Mr. Burhan Arioiz	Transmission Line and Grid Station Specialist	02 nd February 2023	Dolsar
2.	Mr. John Gordon Allan	Head of Contracts	04 th February 2023	NK
3.	Mr. Huluk Cebeci	Resident Engineer for KKH-01 & RAR-01	07 th February 2023	Dolsar
4.	Mr. Birol Murat Erdolu	Construction Technical Advisor	18 th March 2023	Dolsar
5.	Mr. Hiroshi Ogawa	Geo-Technical Engineer	24 th February 2023	NK
6.	Mr. Fidencio Mendez	Project Manager	25 th February 2023	NK

Table 3.6: Mobilization of DHC Local Technical Staff at Project

Sr. No.	Name of Staff	Position/Designation	Date of Joining	Name of Firm
1.	Mr. Muhammad Haris Malik	Jr. Road Engineer RAR-02	01 st February 2023	DMC

Table 3.7: Demobilization of DHC Local Technical Staff from Project

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

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 instructed the Contractor to pay the hire charges for air transport services to the NLC as instructed by the Employer. [MW-01]
- The Engineer provided instructed the Contractor to provide hi response on the details regarding variation works of external water supply RV. [MW-01]
- The Engineer shared the minutes of meeting held on 31st January 2023 with Employer and the Contractor. [MW-01 & MW-02]
- The Engineer provided his response to the Employer regarding the dispute on claim of crushing and batching plant. [MW-01].
- The Engineer instructed the Contractor to extend the insurance policies as per the contractual requirements. [MW-01]
- The Engineer provided his comments to the Employer on the Prolongation Claim. [MW-01 & MW-02]
- The Engineer provided his comments to the Contractor on his notice to claim due impact of oil shortages. [MW-01 & MW-02]
- The Engineer shared the draft of minutes of meeting held on 31st January 2023 with the Employer and the Contractor. [MW-01 & MW-02]
- The Engineer provided his response to the Contractor on minutes of meeting regarding prolongation and disruption claim. [MW-01 – MW-02]
- The Engineer submitted principle of claim on the Head Office overhead [MW-01 & 02]
- The Engineer intimated the Contractor regarding the submission for approval of competent authority for assistance regarding custom clearance. [MW-01 & MW-02]
- The Engineer instructed the Contractor to maintain the security at the construction sites as per contractual obligation. [MW-01 & MW-02]
- The Engineer shared his comments to the Employer and the Contractor regarding the Contractor's Prolongation claim [MW-01 – MW-02]
- The Engineer instructed the Contractor to provide requisite documents in support of its firing claim. [MW-01 & MW-02]
- The Engineer instructed the Contractor to provide requisite documents in support of its landslide claim. [MW-01]
- The Engineer instructed the Contractor to extend the insurance policies due to extension of time. [MW-01 & MW-02]

- The Engineer responded to the Contractor on acceleration award against key milestones of the River Closure. [MW-01]
 - The Engineer conveyed the Contractor's request to the Employer to provide the urgent assistance regarding NOC of passenger busses. [MW-01]
 - The Engineer reminded the Contractor to provide his consent regarding new charging rate of helicopter services. [MW-01]
 - The Engineer instructed the Contractor to provide additional particulars in support of its claim of IED Blast incident. MW-01 – MW-02]
- b) Contract ICB No. Dasu-PCI-01R**
- The Engineer instructed the Contractor to extend the performance guarantee as per the Contractual obligations.
 - The Engineer reminded the contractor on his contractual obligation of maintaining the performance security.
- c) Contract ICB No. DASU-PCI-02:**
- The Engineer requested the clarification on the prequalification submissions of the bidders to the Employer.
 - The Engineer provided his reservations to the Employer on the bidding participant.
 - The Engineer submitted the revised Bill-A (general Items) for the PCI-02 to the Employer.
 - The Engineer submitted the revised draft bidding document for PCI-02 to the Employer.
- d) Contract ICB No. DASU-RAR-01:**
- The Engineer certified the Interim Payment Certificate IPC No.34A.
 - The Engineer certified the Interim Payment Certificate IPC No.34B.
 - The Engineer submitted his response to the Employer on the Employers comments regarding IPC's No. 34A & 34B.
 - The Engineer submitted the adjustments of KPST from the Contract Price to the Employer.
 - The Engineer certified the interim payment certificate IPC No.35.
 - The Engineer resubmitted the interim payment certificates IPC's No. 34A and 34B.
- e) Contract ICB No. DASU-RAR-02:**
- The Engineer requested the Employer to obtain the bulk rates of bitumen grade 60/70 from Attok Petroleum.
 - The Engineer instructed the Contractor to provide the translated copies of requisite documents for claim submitted.
 - The Engineer instructed the Contractor to provide his response along with requisite documents in support of its Blast incident claim.
 - The Engineer informed the Contractor regarding anomalies in the Contractor's submission of interim payment application IPA No.3.
 - The Engineer submitted his response to the Employer regarding the termination of the Contract.
 - The Engineer certified the interim payment certificate IPC No.3
 - The Engineer instructed the Contractor to extend the Contractor plant and machinery insurance policy as per his contractual obligation.
 - The Engineer provided his response to the Contactor on his notice to impact of oil shortages.
 - The Engineer instructed the Contractor to provide the authentic translations of the documents for his claim.
 - The Engineer responded to the Employer on his request to provide explanatory note regarding follow up actions to be taken in case of termination of the Contract.
- f) Contract ICB No. TL-01**
- The Project Manager provided justification to the Employer for exceeded BOQ quantities in IPC.
- g) Contract ICB No. EM-01**
- The Project Manager provided the details on the tax exemptions to the Contractor for import of equipment.

- The Project Manager certified the interim payment certificate IPC No.3 for further approval of the Employer.
 - The Project Manager instructed the Contractor for custom clearance of imported equipment arrived at port in the name of the Employer.
 - The Project Manager requested the Employer to provide assistance regarding the custom clearance of imported equipment to the Contractor.
 - The Project Manager requested the Employer to arrange meeting with the Contractor to resolve the tax deduction issues.
 - The Project Manager submitted its comments on the Contractors claim EM-01/C-06 Change of Coordination Events to the Contractor.
 - The Project Manager provided its comments to the Contractor on his notice to Provisional sum for construction of facilities for security forces.
 - The Project Manager requested the Employer to discharge due payment of IPC No.2 to the Contractor and assist regarding tax issues.
 - The Project Manager provided its comments to the Contractor on his notice of right to suspend due to the delay in payment of IPC.
 - The Project Manager certified the interim payment certificate IPC No.4 for further approval of the Employer.
 - The Project Manager provided principle of claim to the Contractor on his claim EM-01/C-05 Claim due to RoW issue.
 - The Project Manager provided follow up response to the Contractor on the deduction of taxes from the Contractor's invoices.
 - The Project Manager requested the Employer to provide assistance in obtaining the sales tax exemption certificates to the Contractor for his 2nd shipment of import.
- h) Contract ICB No. KKH-01**
- The Engineer certified the interim payment certificate IPC No.29.
 - The Engineer provided details to the Employer on adjustment of KPST from the Contract Price
- i) Contract ICB No. KKH-02**
- The Engineer requested the Employer to provide the bulk rates for the provision of bitumen grade 60/70 in the request of the Contractor.
 - The Engineer instructed the Contractor to provide the translation of the requisite documents for evaluation of his submitted claim.
 - The Engineer acknowledged and registered the Contractors notice to claim for disruption of works by landowners.
 - The Engineer provided his comments to the Contractor on his notice to claim due impact of oil shortages.
 - The Engineer instructed the Contractor to submit the translated copies of the documents of the submitted claim.
 - The Engineer provided his advice to the Employer for the works of the KKH-02.
- j) Contract ICB No. DASU RV**
- The Project Manager instructed the Contractor to extend the performance guarantee.
 - The Project Manager responded to the Contractors suggestions in order to resolve the pending disputes.
 - The Project Manager submitted the draft agreement for the appointment of Adjudicator to the Employer.
 - The Project Manager reminded the Contractor to extend the performance guarantee as his contractual obligation.

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

- Engineer has instructed the Contractor to use less explosive for control blasting on third bench of Zero Point to avoid damages in the vicinity of third bench.

- Engineer has instructed the Contractor to expedite the progress of Khushe Bypass Road improvement works and submit the schedule.
- Engineer has instructed the Contractor to revise and resubmit the shop drawings and Method statement of Uchar Bridge along with the detailed slope stability analysis for review.

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
31-Jan-23	CCECC/DASU-KKH-01/ASU-2/ RFDA/222	submission of work done drawings for DASU-02 tunnel (K4+472 ~ K4+624)		Under review
03-Feb-23	CCECC/DASU-KKH-01/Logro B/ RFDA/001R	Submission of Revised shop Drawings for Protection Retaining wall at Logro-B Outlet portal & uchar bridge abutment		Under review
03-Feb-23	CCECC/DASU-KKH-01/Logro B/ RFDA/223	Submission of work done Drawings for Exit portal for logro-B Tunnel (K11+923-K11+928)	25-02-2023	Approved as noted
09-Feb-23	CCECC/DASU-KKH-01/DASU-02/ RFA/02	Submission of Method Statement for Excavation and Slope protection work of uchar Bridge. Dasu	25-02-2023	Revise and resubmit
11-Feb-23	CCECC/DASU-KKH-01/IPC-30-X-Section/ RFA/238	Submission of Work done Cross Section for IPC 30 of KKH-01 K1+406.25 to K1+700.00 KKH-01		Under review
13-Feb-23	CCECC/DASU-KKH-01/LOGRO-A/ RFDA/225	Submission of Geological Over-break for Grade-V LOGRO-A Tunnel Rd (K9+152-K9+245)		Under review
21-Feb-23	CCECC/DASU-KKH-01/IPC-30-X-Section/ RFA/239	Submission of Work done Cross Section for IPC 30 of KKH-01 K1+700.00 to K1+906.25 KKH-01		Under review
21-Feb-23	CCECC/DASU-KKH-01/DOGAH Bridge/RFDA/ RFDA/526	submission of shop drawing of K22 Dogah bridge on KKH-01		Under review
23-Feb-23	CCECC/DASU-KKH-01/Uchar Bridge/RFDA/ RFDA/227	Submissions of shop Drawings of Uchar bridge on KKH-01		Under review
23-Feb-23	CCECC/DASU-KKH-01/Barseen Bridge/RFDA/ RFDA/228	Submissions of shop Drawings of Barseen bridge K22 on KKH-01		Under review
24-Feb-23	CCECC/DASU-KKH-01/LOGRO-B/ RFDA/214R	Submission of Revised shop Drawings for logro-B Tunnel (K11+880-K11+928)		Under review
24-Feb-23	CCECC/DASU-KKH-01/LOGRO-B/ RFDA/215R	Submission of Revised shop Drawings for Dogah tunnel (K23+585-K23+655)		Under review
24-Feb-23	CCECC/DASU-KKH-01/LOGRO-B/ RFDA/218R	Submission of work done Drawings for Dasu-02 Tunnel (K4+544-K4+624)		Under review
24-Feb-23	CCECC/DASU-KKH-01/DASU-02/ RFDA/228	Submission of Work done Drawings for Dasu-02 tunnel (K4+430-K4+472 & (K4+552-K4+580)		Under review
26-Feb-23	CCECC/DASU-KKH-01/IPC-30-X-Section/ RFA/241	Submission of Work done Cross Section for IPC 30 of KKH-01 K1+406.25 to K1+693.75 KKH-01		Under review
26-Feb-23	CCECC/DASU-KKH-01/K-4 Tunnel/RFA/001	Submission of Geological Over-break of K4 tunnel for your Review and approval please.		Under review
28-Feb-23	CCECC/DASU-KKH-01/IPC-30-X-Section/ RFA/242	submission of work done cross sections of slope protection at zero point for IPC 30 of KKH-01 R.D K1+425.00 to K1+581.25 & K1+775.00 to K1+900.00		Under review

B) KKH-02

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

1) Major Activities

The following activities have been carried out by the Contractor and supervised by the Engineer during the reporting month.

- Blasting and Excavation work is continued from k24+700 to onward.
- Excavation and blasting work at k26+370 are continue. Work is stopped from K26+370 to reverse direction and k28+600 to onward direction due to non-payment of local houses in ROW.
- Excavation and blasting work from K33+520 to reverse direction & k33+800 to onward is continue.
- Blasting and Excavation work from k36+400 to onward, k42+650 to onward & k42+400 to reverse direction is continued.
- Blasting and Excavation work from k44+400 to onward is continue and work from k43+900 to reverse direction is stopped due to non-payment of houses in ROW.
- Blasting and Excavation work to prepare a plain ground for looter camp is in progress.

- Geotechnical investigation of Looter Bridge’s right bank is continued.
- The Contractor has mobilized manpower and Equipment to the Kaigah Contractor’s camp. The Contractor will start new access roads at K45.

2) Major Design Activities

The following design activities are in progress.

- Checking of Shop drawings for KKH-02.
- Checking of Workdone drawings of KKH-02
- Finalization of design of KKH-02 based on CPEC criteria and issuing to the Contractor
- Detailed studies and estimates preparation for drainage structures of KKH-2 and sending to the Employer for approval.
- Detailed studies on the alignment of tunnels and location of portals.
- Detailed studies on the layout of Bridges of KKH-02.

C) RAR-01 Team

1) Major Activities

- Joint inspection with RE & Employer to Komila bypass for social issues i.e. local pedestrian & Graves etc. near ROW.
- Joint inspection with RE, Employer for structure works i.e. R/Walls. B/Walls and Causeways etc.
- Site inspection for B/wall areas at Komila bypass start section, middle section & rip rap protection works.
- Joint site inspection for slope cutting from catch point at Komila bypass.
- Joint site visit to RAR-01 for remaining works i.e. punch list items.
- Letter issued to Contractor regarding physical progress of komila bypass dt: Feb 01, 2023.
- Letter issued to Employer regarding Clearance of House and Graves from ROW at komila bypass dated Feb 07, 2023.
- Letter issued to Contractor regarding occurrence of land sliding at komila bypass dated Feb 06, 2023.
- Letter issued to Employer regarding certification of Interim payment # 35 dt: Feb 09, 2023.
- Letter issued to Contractor regarding registration of workers in EOBI dated Feb 17, 2023.
- Letter issued to Contractor regarding slow progress activities at komila bypass dated Feb 19, 2023.
- Letter issued to Contractor regarding slow progress at komila bypass & outstanding works (RAR-01) dated Feb 25, 2023.
- Joint site visit with World Bank and Employer team to RAR-01 and Komila Bypass for work progress dated February 26, 2023.

1) 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
31-Jan-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/86	submission of revised X-section from K0+400.00 to K0+731.25	02/02/2023	Approved
03-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/87	submission of retaining wall shop drawing along with plan and elevation from K0+093.75 to K0+106.25	2/3/2023	Approved
05-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/84R	Submission of komila bypass Retaining wall stone Masonry work done X-Section 1) K0+062.50 to K0+093.75 2) K0+290.79 to K0+297.46 3) K0+354.40 to K0+373.70 4) K1+460.00 to K1+481.25 5) K1+712.50 to K1+727.11 6) K1+958.70 to K1+987.50	07/Feb/2023	Approved
09-Jan-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/81	Submission of Komila Bypass Road Excavation Work Section from K0+000 to K1+262.50	07/Feb/2023	Approved
12-Jan-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/82	Submission of Komila Bypass Road Excavation Work Done Section from 1) K1+362.50 to K1+462.50 2)K1+525.00 to K2+368.75	07/Feb/2023	Approved

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
12-Jan-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/83	Submission of Komila Bypass Retaining wall Structure Excavation Work Done X-Section. 1)K0+062.50 to K0+093.75 2) K0+106.25 to K0+193.75 3) K0+290.79 to K0+297.46 4) K0+354.40 to K0+373.70 5) K1+460.00 to K1+481.25 6) K1+712.50 to K1+727.11 7) K1+958.70 to K1+987.50	07/Feb/2023	Approved EXCEPT AS NOTED
23-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/88	submission of Breast wall shop drawing along with Typical Cross Section and plan from 0+181.25 to 0+393.75	23/Feb/2023	Approved as Noted
23-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/89	Submission of slope protection shop Drawing along with Cross Sections and plan from 0+062.50 to 0+201.69	23/Feb/2023	Approved as Noted
26-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/71R	Resubmission of Causeway Shop Drawing Along With Plan and Elevation From K0+175 - K0+193.75	26/Feb/2023	Approved
26-Feb-23	CCECC/DASU-RAR-01/Komila bypass/RFDA/90	Submission of Breast wall shop drawing along with Typical Cross Section and plan from 0+500.00 to 0+887.50	26/Feb/2023	Approved as Noted

D) RAR-02 Team

1) Major Activities

The following activities have been carried out by the Contractor and supervised by the Engineer during the reporting month.

- Construction of gabion wall has been completed at k13+300.
- Excavation and blasting work continue from K13+400 to onward.
- Excavation work is in progress at k33+100, k36+410, k37+700 to onward.
- Blasting and Excavation is continued at gayal access road.
- The Contractor mobilized to the Kaigah Contractor's camp and brought new equipment and manpower. The Contractor is planning to start Kandia working face and has already started

2) Major Design Activities

The following design activities are in progress.

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

3.4.4 TL Section

Major DHC activities undertaken during this month are:

1) Correspondence:

- Prepared the letter regarding Pending procurement. .
- Prepared the letter regarding delegation of authority.
- Prepared the letter regarding absence of Contractor's Deputy Project Manager.
- Prepared the letter regarding slow progress of Diesel Power Plant.
- Prepared the Basic Design of 11KV Transmission Line from Grid Station to KKH-01 and KKH-02.
- Prepared the letter regarding slow progress of external electrification of Project Colony.
- Prepared the letter regarding submission of data sheet of security and road LED lights of Project Colony.
- Prepared the letter regarding revised draft bidding documents for PCI-02.

2) Meetings:

- Meeting of TL-01 with World Bank and Contractor regarding safety implementation and improvement at site held on 27th February, 2023.
- Meeting with CGGC/Orient/Employer on time line for Diesel Power House at Barseen Camp held on 4th February, 2023.

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

The major DHC activities undertaken during this month are:

a) MW-01

- The Engineer issued RFP on 1st September 2022 for varied works on the permanent road (LU-2) and temporary access road to cable crane foundation on left bank (CR 5-2). Cost proposal has not been submitted by the Contractor. The Engineer reminded on 25th November 2022.

Contractor's Drawings

Received Date	Letter Number	Title	Reply Date
1-Feb-23	CGGC/MW-01/RFDA/DHC-494	Blasting Design of DT Inlet Cofferdam-(D1)	2-Feb-23
1-Feb-23	CGGC/MW-01/RFDA/DHC-495	Diversion Tunnel B Outlet Concrete Lining Outline Drawings-(D5)	14-Feb-23
8-Feb-23	CGGC/MW-01/RFDA/DHC-496	Right Bank Diversion Tunnel Steel Arch & Frame Type II Detail for Inlet and Outlet-(D1)	
8-Feb-23	CGGC/MW-01/RFDA/DHC-497	Right Bank Diversion Tunnel Type II Excavation and Support for Outlet-(D1)	
8-Feb-23	CGGC/MW-01/RFDA/DHC-498	Diversion Tunnel B Embankment at Inlet-(D1)	
8-Feb-23	CGGC/MW-01/RFDA/DHC-499	Right Bank Diversion Tunnel Type II Excavation and Support for Inlet-(D1)	
11-Feb-23	CGGC/MW-01/RFDA/DHC-500	Construction Drawing of Retaining Wall of 2# Crushing Plant-(D3)	
14-Feb-23	CGGC/MW-01/RFDA/DHC-501	Right Bank Diversion Tunnel Type II Excavation and Support for Inlet-(D1)	
14-Feb-23	CGGC/MW-01/RFDA/DHC-502	The Typical Section Drawing of First Stage Upstream Starter Dam-(D1)	
15-Feb-23	CGGC/MW-01/RFDA/DHC-503	River Level Gauge at Inlet of Diversion Tunnel-(D1)	

Method Statement

Received Date	Letter Number	Title	Reply Date
10-Feb-2023	CGGC/MW-01/TD/DHC-2822	MS of River Channel Dredging of the Diversion Tunnel Outlet (D3)	
9-Feb-2023	CGGC/MW-01/EMD/DHC-2819	Submission of the Inspection Method of DT-A Repaired Guide Frame (HSS)	

NCR

NO NCR issued during the reporting Month

Engineer's Instruction

Received Date	Letter Number	Title	Reply Date
22-Feb-2023	DHC/Dasu/MW-01/EI/23-006	Removal of Dumped material from U/S of DT-B outlet and D/S of AT 3-2 Tunnel Outlet	

b) MW-02

1) General

- The Contractor was instructed to extend the Insurance Policies before the expiry of existing insurance policies. Additionally, the Contractor was informed that in case of any mishap in the absence of the
- Insurance Policies, the responsibility will rest solely on the Contractor.
- The Engineer issued daywork order for the Clearing the Debris Material from Existing KKH Upstream of CR-9 Main Gate.
- The Contractor was instructed to incorporate all the comments should resubmit the report.
- The Engineer issued the Interim Payment Certificate No # 34 for Nov-2022.
- The Engineer issued the construction drawings of Switchyard Compound Structure details, Nullah-1 Plan and profile details.
- The Contractor was instructed to comply with contractual obligations of security at site as stated in Sub-Clause 4.22 of the General Condition of Contract Chapter 0110 of General and Environmental with immediate effect.
- The Contractor was requested to submit the Recovery schedule for the Major Excavation Works. (Including Supporting report describes revised Method Statement) Additionally, the Contractor was requested to explain and submit how much resources in the recovery schedule will increase the productive of works to meet the schedule dates.

Excavation Progress in the Month of February 2023			
Date	25-01-2022	26-02-2023	Excavated Length (m)
Location	Chainage	Chainage	
STB	0+127	0+129	1.5
CT-2	0+397	0+449	51.6
TRT-01 D/S (CT-2)	1+587	1+600	13
TRT-01 U/S (CT-2)	1+579	1+561	18

TRT-02 D/S (CT-2)	1+648	1+651	3
TRT-02 U/S (CT-2)	1+640	1+637	3
ET (Vertical Shaft) Enlargement	0+010	0+000	10
ADFT Right (Enlargement)	0+041	0+054	13.3
ADFT Left (Enlargement)	0+036	0+059	23.3
TRT-01(CT-1)	0+000	0+013	13.4
TRT-02 (CT-1)	0+000	0+013	13.4

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-450	Blasting Design of GIL Tunnel (D2)	EAC-23-009	01-Feb-23
CGGC/MW-02/RFDA/DHC-452	Design Drawing of Tensioned Rock Bolt (9.15M) - D1	EAC-23-010	02-Feb-23
CGGC/MW-02/RFDA/DHC-453	Blasting Design of GIL Tunnel (D3)	EAC-23-011	19-Feb-23
CGGC/MW-02/RFDA/DHC-455	Enlarged Excavation Blasting Design at Junction of Surge Chamber Vault Access No.1 Tunnel (D1)	EAC-23-012	22-Feb-23

3) Issued Engineer Instruction

The Engineer issued the following Site Instructions (SIs).

Location	Subject	EI No.	Issue Date
Underground Powerhouse	EI-23-002 Improper installation of Tension rock bolt Faceplates	EI-23-002	17-Feb-2023

4) 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 reviewed and issued response letter regarding the Submission of Final Extension of Time (EOT) dated 7th February 2023.
- The Engineer requested the contractor to nominate the contractor, s representative for Inspection of Contractor's Resources at LBRV-11 & 12 dated 7th February 2023.
- The Engineer issued response letter regarding Presence of Contractors Representative and Resources at LBRV-11&12 dated 16th February 2023.

b) LBRV-12

- The Engineer reviewed and issued response letter regarding the Submission of Final Extension of Time (EOT) dated 7th February 2023.

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

c) RV

- The Engineer determined and issued the Tentative Quantities of Remaining Works at Resettlement Villages dated 5th February 2023.
- The Engineer issued response letter regarding Delay in Construction of Access Road to the Choochang Site-4 (Upper Kuz) dated 8th February 2023.
- The Engineer requested the Employer to provide consultation regarding the Appointment of Adjudicator - Draft Adjudicator Agreement dated 10th February 2023.
- The Engineer instructed the contractor to submit the Extension of Performance security Guarantee no. 3AKBL 115PB 190305 dated 11th February 2023.
- The Engineer issued the revised Tentative Quantities of Remaining Works at Resettlement Villages dated 13th February 2023.
- The Engineer instructed the contractor to register All Workers with EOBI dated 22nd Feb 23.

d) Project Colony – PCI-01R

- The Engineer requested the Employer to provide consultation regarding the Construction of Watch Towers and Security Measures in Choochang Colony dated 2nd February 2023.
- The Engineer issued response letter to the Notice for Delay in Issuance of Boundary wall Construction Drawings near Residence Category-3A-Buildings dated 3rd February 2023.

- The Engineer requested the Contractor to submit the revised construction schedule for the Remaining Works at PCI-01R dated 4th February 2023.
- The Engineer issued response letter regarding the Poor Storage of Reinforcement Bars at Site dated 6th February 2023.
- The Engineer issued response letter regarding the Clarification of Fiber Glass Shade over the doors at first floor of the Residence CATEGORY-1 &2 dated 6th February 2023.
- The Engineer issued the construction drawing regarding the Replacement of Uchar-1 Water Supply Intake Design dated 6th February 2023.
- The Engineer issued warn letter to Withholding Payment Due to Unaddressed OHS NCR #16 & 17 dated 7th February 2023.
- The Engineer Approved Method Statement for Rectification of Irregular Top Surface Levels of P-1 Road dated 8th February 2023.
- The Engineer issued response letter regarding the Uninformed and Unjustified Suspension of Water Supply Works from the Indus River to Project Colony 8th February 2023.
- The Engineer issued response letter regarding the Irregular Edge Lines of P-1 Road dated 8th February 2023.
- The Engineer issued the reminder letter regarding the Extension of Performance Security dated 11th February 2023.
- The Engineer instructed the contractor to submit the method statement regarding the Water Leakage at Project Office and Residency Category-1 dated 11th February 2023.
- The Engineer issued letter to start the Slope Protection and Uchar Water Supply Works as per Contractors Commitments dated 11th February 2023.
- The Engineer issued letter regarding the Monthly EHS Report for the Month of January 2023 dated 11th February 2023.
- The Engineer issued response letter regarding VO-016-Supply and Installation of MS Spiral Staircase in Residence Category-02 dated 13th February 2023.
- The Engineer requested the Employer to provide consultation regarding Security Wall at Backside of Residence Category-2D and Chain Link Fence Along at Right Side of Primary Road dated 14th February 2023.
- The Engineer requested the Employer to provide consultation regarding Placement of Razor Wire on Top of Boundary Wall 15th February 2023.
- The Engineer issued the reminder letter regarding the Submission of Monthly EHS Report of the Month of January 2023 dated 18th February 2023.
- The Engineer issued letter to the Employer regarding the Revised Contract Programme for 2nd Extension of Time (EOT-2) dated 18th February 2023.
- The Engineer issued response letter to the Submission of Data Sheet of Security & Road LED Light dated 19th February 2023.
- The Engineer issued letter for the Clarification of the M.S Privacy Fence Railing at First Floor Backside Open Terrace of the Residence Category-1 dated 19th February 2023.
- The Engineer issued response letter regarding the Slow Progress and Shortage of Resources to Complete dated 20th February 2023.
- The Engineer requested the Employer regarding the Replacing Asphalt Road with PCC Road for Project Colony dated 21st February 2023.
- The Engineer informed the contractor regarding a self-explanatory letter from EOBI for the Registration of All Workers dated 22nd February 2023.
- The Engineer issued response letter regarding the Slow Progress of External Electrification dated 22nd February 2023.
- The Engineer issued response letter to the Notice of Taking over of Project Office Building and Residence Category-1 Buildings dated 23rd February 2023.
- The Engineer reviewed and approved the Sealant Material for Rigid Pavement dated 23rd February 2023.
- The Engineer provided the variation order (VO-17) to the Employer regarding the Replacing Asphalt Surface with Concrete Pavement for Secondary Roads of Project Colony dated 25th February 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
27-Jan	CGICOP/DASU/PCI-01R/RFDA/683 Rev 02	submission of the shop drawing for the shortcrete slop protection infront of hostel cat-2C 2D	Returned For Correction	1-Feb
31-Jan	CGICOP/DASU/PCI-01R/RFDA/684	Submission of the shop drawing for the step ladder detail for access to the top roof of the wapda project office Res Cat 1 & 2	Approved Except As Notes	6-Feb
3-Feb	CGICOP/DASU/PCI-01R/RFDA/683 Rev 03	submission of the shop drawing for the shortcrete slop protection infront of hostel cat-2C 2D	Approved Except As Notes	7-Feb
21-Feb	CGICOP/DASU/PCI-01R/RFDA/685	submission of shop drawing for the proposal of retaining wall to retain the camp earthen in order to avoided sliding of the camp boundary wall	Not Approved	25-Feb
25-Feb	CGICOP/DASU/PCI-01R/RFDA/686	Submission of BBS for the P-01 drain top slab and box culvert at crossing S1 S2 S3		
25-Feb	CGICOP/DASU/PCI-01R/RFDA/685 R 01	Submission of the shop drawing proposed retaining wall to protect the vertical slope along with sewerage line.	Approved Except As Notes	25-2-2023
25-Feb	CGICOP/DASU/PCI-01R/RFDA/650 R 01	submission of the shop drawing for the typical cross section detail of the road side drain		
28-Feb	CGICOP/DASU/PCI-01R/RFDA/487	Submission of the bar bending schedule for footing and column main water supply conveyance uchar site 1		
28-Feb	CGICOP/DASU/PCI-01R/RFDA/488	Submission of the bar bending schedule for the lintels for additional doors & aluminum windows		
28-Feb	CGICOP/DASU/PCI-01R/RFDA/600	Submission of the shop drawing for the layout of the S2 Road with the side Drain of the Road finishing layers		

3.4.7 EM-01 – Civil Works

The major activities undertaken during this month were:

1. General

EM-01-Structural Drawings of Building 3.1, 3.4 and 4.3 in EM-01 Camp, Kass

The Engineer conditionally approved the subject drawings, additionally the Contractor was advised to resubmit the design report for the building no.3.1 and the contractor may start the construction of building no.3.4 and building no.4.3.

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	Structural Drawings of Building 3.1, 3.4 and 4.3 in EM-01 Camp, Kass	DHC/DASU/GEPC/EM-01/ys/23- 35	4 th Feb.2023

3. Issued Engineer Instruction

The Engineer was issued the Site Instructions (SIs).

Location	Subject	SIs No.	Issue Date
Nil	Nil	Nil	Nil

4. NCR Issued by Engineer

The Engineer was not issued the NCR.

Location	Subject	NCR No.	Issue Date
Nil	Nil	Nil	Nil

5. Electro-Mechanical Works

In February, the major topics of the working items are focused on the claim for change of event dates and storage for first shipped equipment and custom clearance issue at Karachi.

5.1. Custom clearance issue

Custom clearance of the first shipment for # 3 draft tube alongwith its embedded materials and second shipment for #2 draft tube alongwith its embedded parts are still not processed at Karachi. The materials will be transport to the storage yard provided in the Ghazi Barothe Hydro power station area.

5.2. Coordination with NTDC on 765kV Transmission Line Protection

The DHC has 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 will be 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.

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
12-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0008	interim payment certificate (IPC) No.2	01-Feb-23	
01-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0032	Request for Financial Instrument (FI) Number of Second Batch of Delivery	02-Feb-23	
17-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0014	Security System Plan for Site Camp, Kass.	03-Feb-23	
01-Dec-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0439	Generator Sequence Diagram.	03-Feb-23	
31-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0029	Structural Drawings of Building 3.1, 3.4 and 4.3 in EM-01 Camp, Kass.	04-Feb-23	
13-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0017	Claim No. EM-01/C-06 Change of Coordination Events-Additional Costs Impact due to EOT for Completion (Interim, as of 31st December 2022).	06-Feb-23	
04-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0244	Notice to Provisional Sum - Cost Reimbursement of Facilities for Police & Security Forces to be provided inside the Contractor's Site Camp.	07-Feb-23	
06-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0038	Delay in Payment of Interim Payment Certificate (IPC) No.02 and Contractors Notice of Right to Suspend.	13-Feb-23	
19-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0023	Response on Principle of Claim No. EM-01/C-05 - Claim due to RoW (Right of Way) Issue at EM-01 Site Camp Construction	14-Feb-23	
03-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0033	Follow-up Response on the Deduction of Taxes from the Contractor's Invoices	14-Feb-23	
14-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0039	Response Regarding Updated Program of Performance VI.10	16-Feb-23	
02-Dec-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0435	Request for Incorporate Comments in OHSMP and Resubmit.	17-Feb-23	
18-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0046	Claim EM-01/C-08 -Additional Payment for December 2022- Temporary Storage Cost at Ghazi Barotha (Interim, as of 16th February 2023).	19-Feb-23	
18-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0047	Claim EM-01/C-07- Additional Payment for December 2022- Delay in Generation of Financial Instrument (FI) Number (Interim as of 15th February 2023)	19-Feb-23	
15-Dec-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0468	Dasu Generator General Grounding.	20-Feb-23	
19-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0026	Turbine Auxiliary Cubicle and Marshalling Box.	21-Feb-23	
23-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0028	Dasu Detailed Design Drawing of Turbine Piping.	22-Feb-23	
17-Jan-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0024	Dasu Turbine Discharge Calculation.	22-Feb-23	
14-Feb-23	Dasu-EM-01-LET-JV-WAPDA/DHC-2023-0041	Sales Tax Exemption Certificate - Custom Clearance of 1st Shipment.	25-Feb-23	
01-Nov-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0417	Dasu LCB Panel of No 1-6-7-8-9-10-11 and 12.	26-Feb-23	

3.4.8 Environment Management Section

1. Overall activities

i) Meetings with Contractors

Monthly meeting for month of December on 2nd, 3rd and 4th of March 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) Meeting with WAPDA

- Meeting was held among the newly hired Traffic Engineer and D.G SSE for the updating of Traffic Management Plan (TMP) on 13th of February 2023. The D.G SSE emphasized on the details of staff requirements, Logistics Requirements, Parking Areas, Traffic Safety equipment's, scheduling of inbound and outbound traffic during the construction phase and cost to bear for implementation should be included in the updated TMP.
- Meeting on 26th of February 2023 with D.G SSE WAPDA for discussion on presentation to be given to World Bank on 27th of February 2023

iii) Implementation Support Mission (ISM) of World Bank (26th to 28th of February 2023)

World Bank Environment Team Visited Dasu Hydropower Project in December 2022. The ISM started from 26th of February 2023 and WB Environment Team left on 28th of February 2023. On 27th Feb 2023 "The Engineers" Environment Team delivered presentation to the WB Environment Team. Agenda points are described as follows:

- Organogram for the implementation of EMAP (WAPDA, DHC, Contractors)
- Status of Pending Issues managed since December 2022 WB mission
- Efforts made to resolve the issues
- Air Dispersal Modeling Status
- Stone Crushing Plant of CGGC at Seo Village
- Spoil disposal sites
- Update on Traffic Management Plan

On 26th of Feb 2023 WB team visited Coffor dam, Underground works of MW-01 & 02 and Colony construction sites. (Pictures attached)

iv) Additional Efforts by DHC: Joint Inspection of WAPDA & DHC Environment Sections

Joint visits of different components of DHPP were conducted in the reporting month i.e., MW-01&2, EM-01 was conducted on 14th of February 2023 and KKH-01, PCI-01R and TL-01 on 21st of February 2023. The findings of these inspection visits were share vide Walk through Inspection Report to the concerned contractor. The Joint visit of WAPDA and DHC on 29th of February 2023 to KKH-02, RAR-02 was cancelled due to World Bank Implementation Support Mission(ISM)

v) Compilation of Data for MSC consultant

Sharing of 32nd Environmental Quarterly Progress Report (Oct-Dec 2022) was undertaken by the DHC Environment Section from 28th of February 2023.

vi) Meeting with Contractors of RAR-01, KKH-01, MW-01, MW-02, RAR-02, KKH-02 and PCI-01R

Monthly Progress Review meeting for the month of February 2023, was held on 2nd, 3rd and 4th of March 2023 with all contractors. Pending issues were discussed and new environmental non-compliances were also part of the discussion. Later on, minutes of meeting was prepared and issued to all contractors.

vii) Letter/ Minutes/Report sent to contractors and WAPDA

Sr. No.	Subject	Date
1	Ref No: DHC/Dasu/CCECC/KKH-01/zic/23-030; KKH-01-Re-Submission of Construction Environmental Action Plan (CEAP) and Monthly EHS Monitoring Report NO.84 (Reminder-01)	02.02.23
2	No: DHC/Dasu/PCCGFTL-01/zic/23-15; Re-Submission of Monthly HSE Report No. 74 for the Month of December, 2022	06-02-2023
3	Ref No: DHC/Dasu/WAPDA/GEN/zic/23-190; Submission of Utilization Record of Coarse and Fine Aggregates till November 2022	07-02-2023
4	Minutes of Monthly Environmental Progress Meeting PCI-01R held on 31 Jan 2023	11-02-2023
5	Minutes of Monthly Environmental Progress Meeting MW-01 &02 held on 31 Jan 2023	11-02-2023
6	Minutes of Monthly Environmental Progress Meeting KKH-01 held on 31 Jan 2023	09-02-2023
7	Minutes of Monthly Environmental Progress Meeting KKH-02 held on 31 Jan 2023	11-02-2023
8	Minutes of Monthly Environmental Progress Meeting RAR-01 held on 31 Jan 2023	09-02-2023
9	Minutes of Monthly Environmental Progress Meeting RAR-02 held on 31 Jan 2023	11-02-2023
10	Minutes of Monthly Environmental Progress Meeting TL-01R held on 31 Jan 2023	11-02-2023
11	Minutes of Monthly Environmental Progress Meeting EM-01 held on 31 Jan 2023	11-02-2023
12	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-106; Engagement of Third-Party Environmental Monitoring Laboratory	12-02-2023
13	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-121; Air Dispersion Modeling Report for Stone Crushing Plant at Seo Dasu Performed by Hagler & Bailly on Behalf of CGGC	15-02-2023
14	Ref No: DHC/Dasu/CCECC/RAR-01/zic/23-020; Walk Through Environmental Inspection -Joint Site Inspection of WAPDA & DHC	17.02.23
15	Ref No: DHC/Dasu/PCC/TL-01/zic/23-020; Re-Submission of Monthly HSE Report No.75 for the Month of January 2023	18.02.23-
16	Ref No: DHC/Dasu/CGICOP/PCI-01R/zic/23-047; Re-Submission of Monthly EHS Report of the Month of January 2023	18.02.23-
17	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-128; Environmental Non-Compliances Observation at Site	18-02-23
18	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-129; Inadequate Sedimentation Tank at Thoki Crusher Plant	19-02-23
19	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-130; Engineer Comments on the Air and Noise Dispersion Modelling Reports of Seo Crusher Plant	20-02-23
20	Ref No: DHC/Dasu/CCECC/RAR-02/zic/23-027; Hiring of Environmental Specialist	21.02.23
21	Ref No: DHC/Dasu/CCECC/KKH-01/zic/23-057; KKH-01-Review of Monthly EHS Monitoring Report No.84 for Month of Dec 2022	21.02.23
22	Ref No: DHC/Dasu/CCECC/KKH-01/zic/23-058-KKH-01-Review of Monthly EHS Monitoring Report No.85 for Month of Jan 2023	21.02.23
23	Ref No: DHC/Dasu/CCECC/KKH-02/zic/23-037; Hiring of Environmental Specialist	21-02-23
24	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-141; Hiring of Environmental Officer	21-02-23
25	Ref No: DHC/Dasu/CGGC/MW-02/zic/23-052; Review of Environmental Officer	21-02-23
26	Ref No: DHC/Dasu/CGGC/MW-01/AO/23-144-MW-01-Env. Inspection for Thoki Uchar Crushing Plant 1#	22-02-23
27	Ref No: DHC/Dasu/CCECC/KKH-01/zic/23-062; Submission of Proper Design for the Construction of Sedimentation Tank at Chuchang Batching Plant	22-02-23
28	Ref No: DHC/Dasu/CCECC/KKH-02/zic/23-39; Submission of Fuel Storage License	22-02-23
29	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-149; Plantation at Thoki Crusher Plant	23-02-23
30	Ref No: DHC/Dasu/CGGC/MW-01/zic/23-159; Provision of Specification of Seo Crush Plant to Hagler Bailey for Updating of Air Dispersal Modelling Report	25-02-23
31	Ref No: DHC/Dasu/WAPDA/Gen/zic/23-247; 32nd Environmental Progress Report for the Period from Oct to December 2022	25-02-23

2. Environmental Supervision for Each Contract Site

DHC performed environmental supervision during the reporting month to confirm the implementation of environmental management plans for all contract packages. There was a strike by the rented vehicles owners in DHC from 1st of February 2023 till 11th of February

2023 and therefore during the aforementioned tenure there was no site monitoring visit conducted by the Engineer. From 9th of February it was officially notified by DHC management that due to heavy snow fall no site activity will be conducted on 10th of February 2023. Details are presented below:

2.1. KKH-01 and RAR-01

- a) **Review:** The Environment Section of DHC reviewed Monthly Progress Reports for KKH-01 & RAR-01 of the previous month of January, 2023.
- b) **Environmental supervision:** Environmental supervision were conducted for both contracts of CCECC other than 1st to 11th of Feb 2023 as there was vehicle owners strike in DHC. At KKH-01 the environmental non-compliances like Dirty kitchen at K-09 labor Camp near K-09 Tunnel Area, Improper design of Sedimentation pond at K-09, Cleanliness of Labor camp and its toilets, inadequate housekeeping, Solid Waste littering, minor Oil spill, improper washrooms facility for labors, dust and improper spoil sewage / sedimentation pond waste water disposal @ K-6, K-09 were noted. 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 December was conducted on 03rd of March 2023. All issues relating to Environmental Compliances identified in WTEIR's were discussed in the monthly meeting. Major points were Ventilation Pipe of Tunnel K-09 and K-04 both are damaged and Air Intake is compromised, Housekeeping issues at K-09, K-04, K-06, No Septic Tank constructed at K-6 Area despite Batching Plant is working, Provision of Welfare facilities as per SOP's provided in ECP to K-09, K-04 Camp Staff.

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 disposal, inadequate housekeeping and littering at the construction site.
- b) **NCR:** No NCR was raised during the reporting Month of February 2023 by Environment Section. The work on KKH-02 was suspended due to safety issues in January 2023 for all sites of KKH-02. Specifically the K-34 and K-36 sites resumed in February 25th Feb 2023
- c) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 2nd of March 2023. All issues relating to previous month's agreed actions as well as environmental non-compliances identified WTEIR's were discussed in monthly meeting.

2.3. TL-01

- a) **Environmental supervision:** The construction work is currently limited to grid station only. Regular site inspections were conducted to the site. Fugitive Dust was a major issue on the Chuchang to Grid Station Road as well as on the approach road of the grid. Additionally provision of clean drinking water and mobile toilet was also highlighted to the contractor which was then rectified by the contractor.
- b) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 3rd of February, 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.

2.4. MW-01 and MW-02

- a) **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 littering, Oil spill, dust, inadequate housekeeping and high pH of Waste water and some of the sedimentation tanks were having sludge and froth in them. Walkthrough environmental inspection reports have been sent to the contractor for rectification of non-compliance and reporting back.

b) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 2nd of March 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.

c) **Monthly Spot Monitoring:** The supervision of the monthly spot monitoring for environmental compliance at MW-01 and MW-02 was conducted on 16th of February 2023. All agreed parameters of wastewater were checked against NEQS limits. Uchar crush plant's sedimentation pond had high level of turbidity as well as pH of 9.7 both are beyond NEQS. The CR-02 Batching Plant sedimentation pond pH Level was 11.0. At CR-09 (MW-02). Batching plant sedimentation pond was 10.3, and outlet of CT-02 was having pH level of 11.4. The Adit-1 (near CR-02) sedimentation tank showed pH was 9.6. The CR-09 MAT sedimentation pond was 11.2. The pH values of surface water taken from River Indus i.e., Up stream of Uchar crush plant and downstream of CT-02 Tunnel was 8.6 and 8.8 respectively

The aforementioned values are high other than the river water samples as per NEQS which is 6-9. The contractor was given instructions on the AFI to add fresh water or introduce mild concentration acid to their sedimentation ponds to keep the pH value within NEQS. The contractor was also suggested to consider another option i.e., addition of dilute acid to lower the pH and keep it with in the NEQS.

d) **NCR:** Two NCR's were issued in this reporting month

Sr. No	Title of NCR	Date
01	Continuous Oil Spills at Construction Sites MW-01	22-02-2023
02	Continuous Oil Spills at Construction Sites MW-02	22-02-2023

e) **Air Dispersal Modelling by Hagler Bailey Team:** The Engineer has written a letter to CGGC (MW-01) for Comments on the results of Air dispersion modelling for RCC plants and requested CGGC to submit revised analysis on 15 February 2023.

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 regarding use of wood as fuel in the labor camp, Drainage of Sedimentation Pond from Crush plant issue, minor oil spills at the fuel storage area and used engine oil drum seen near the crush plant, solid waste littering, cleaning of toilets and sewage coming from the labor/ staff camps, and inadequate housekeeping issues were discussed with the contractor.

b) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 4th of March 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 pursue the license for fuel storage at site from chief inspector of explosives as NCR is already issued. The contractor was further instructed to look into the welfare facilities of the labor camp as there are no hot water availability in existing toilets, cleaning of toilets, sewage pipe of these toilets is nonexistent resulting in stagnant water outside the actual Chinese camp of CGICOP-01R.

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. Advise the Contractors of effective compliance to OHSMP with additional provisions 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; and identify the
5. Additional tasks to provide support advice to the OHS management related to the Resident Engineers and site personnel as well as to provide appropriate training related to OHS operations with the Contractors and DHC personnel.

The field OHS staffing of DHC in this month are sixteen (18) supported by one International OHS Advisor/Expert. Two emergency coordinators joint DHC during the reporting month. The following field staffs were available with OHS section in this reporting month:

1. One Foreign Resident OHS Specialist;
2. One Deputy Lead OHS
3. Two OHS Specialist;
4. Three OHS Professionals;
5. Four Field OHS Professionals;
6. Three Field Inspectors;
7. One Plant & Equipment Inspector;
8. One Plant & Equipment Assistant Inspector; and
9. Two Emergency Response Coordinators

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

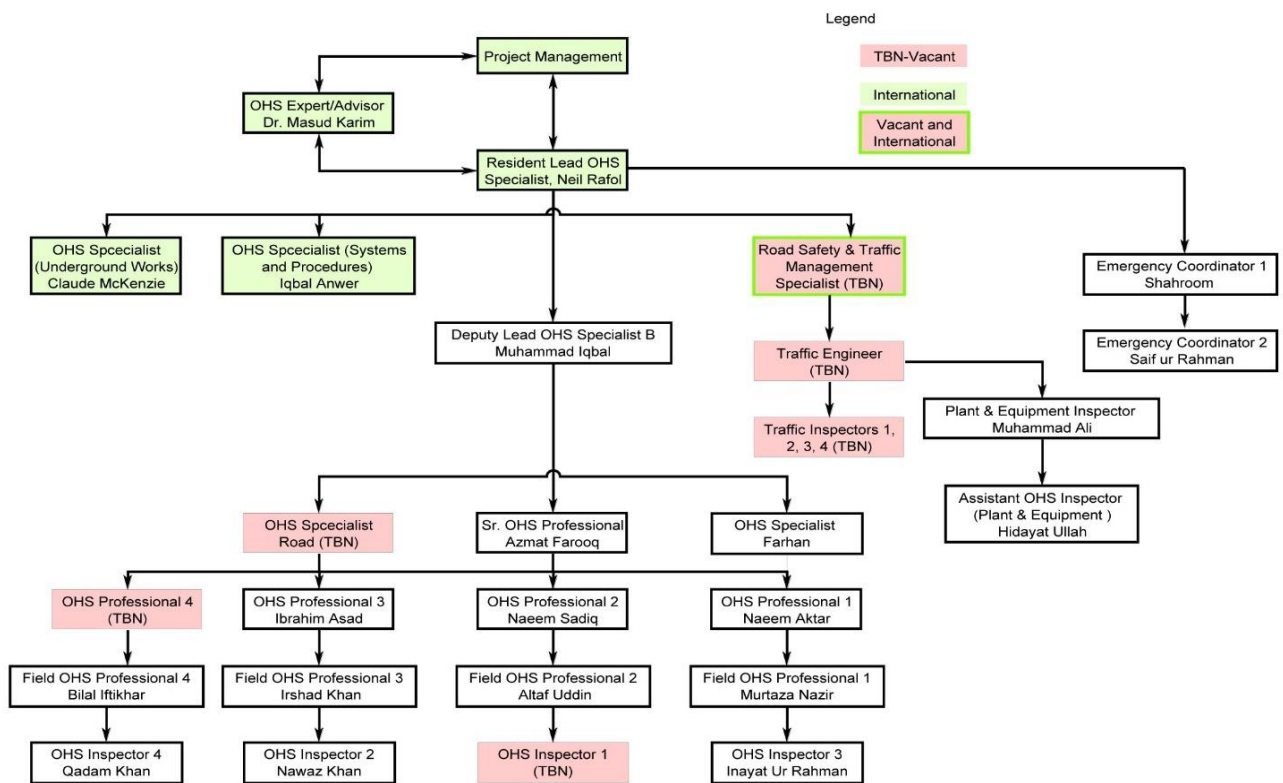


Figure: OHS organization diagram

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 about 12 teams working under four major sections; (i) Land Acquisition & Compensation and GIS Verification Team, (ii) Resettlement & Rehabilitation Team (Resettlement Team, Public Consultation Team, & Livelihood Team) (iii) Social Development Team (Public Health & Gender Teams, In-migrant Management Team, and Downstream Impact Management Team), and (iv) Monitoring & Evaluation and MIS Development Team.

Work on SRMP implementation continued during the reporting month (February 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 (257 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 4,781 acres of land has been awarded / acquired until February 2023. About 129 acres land was acquired during the reporting month (February 2023).
 - iii. Land acquisition formalities for the remaining land is under process. GIS Verification based on revenue record of all the components has been completed, and sign o sellers (PAPs) on registration deed is underway. Though the GIS Verification of Gayal 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 during the reporting month.
 - iv. A series of meetings were conducted with the Deputy Commissioner and Land Acquisition Collector regarding the progress of remaining land acquisition. The World Bank Team also visited DHPP during the reporting month and discussed land acquisition progress in detail with the DC and LAC. The target date of 5th February set in World Bank Mission during January 2023 for completing land acquisition could not be met and reset as 31st Mar 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. No new or rectified revenue records was received for GIS verification during the reporting month as the GIS Verification of almost all the components have been completed by February 2023.
 - vii. The LA Team also verified cost assessments of one component and submitted to WAPDA for transfer of compensation funds in DC/LAC account;
 - viii. The team assisted LAC team in paying compensation money to the PAPs, cheques were prepared. By February 2023, a total amount of PKR 19.43 billion has been paid as compensation money to 7,924 PAPs through 11,730 cheques During February 2023, an amount of PKR 17,365,771/- was paid as compensation payment to 35 PAPs of 12 components. A total of 37 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 (February 2023). No cheque was paid during February 2023. The area of Kass File-2 has been taken over by WAPDA after full payment and all houses have been demolished, while majority of the houses in Kass Area-01 (File-01) and Kass Area-02 have also been taken over by WAPDA except few houses where the ownership is disputed.
 - x. During the reporting month, No new Section-4 or corrigendum of Section-4 were prepared and submitted.

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 February 2023, an amount of Rs. 3,975.65 Million were paid to 1,137 Affected Households for ESMR package. Out of this total, an amount of Rs. 920.50 Million was paid to 263 AHHs of Siglo.

- iii. By the end of February 2023, a total of 1831 cases of Phase-1 & Phase-II have been processed, out of which 1259 approved, 464 rejected, 55 subjudice and remaining (53) 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. 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 790 structures has been demolished and the AHHs relocated to other places.
 - 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 263 out of 270 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 of Siglo, 176 AHHs has relocated to other places after demolishing their structures.
 - 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 the Deputy Commissioner (Kohistan Upper) during reporting month regarding the progress of ESMR files preparation and payments.
 - viii. 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.
 - ix. The team also remained involved in preparing TRP files and assist WAPDA to pay TRP to the AHHs. By the end of February 2023, a total amount of PKR 91,243,447/- paid as TRP to 210 RVs (PKR 80,388,554/-) and 86 self-opted (PKR 10,854,893/-) AHHs of 13 components. An amount of PKR 1,725,000/- was paid for to 09 affected HHs from 04 resettlement components during February 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 Team, so far, has completed 13 reports on 39 components and submitted to WAPDA, while the survey of village Seer Gayal is in progress. The report is not prepared as the revenue survey of one component in Seer Gayal village has is recently completed. However, 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 the section will be deleted from DHC Report.
 - xii. The ILRP also assisted R&R and Public Consultation Team 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 has been commenced and a team of consultants has arrived in Dasu and 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.
- 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. Contract for the identified teacher has been approved by WAPDA Office as per their standard procedures. Community has made all necessary arrangements including neat and clean room etc.
 - iii. Purchase of the approved items for Vocational Training Center at Kuz Chuchang have been completed. And the course will start in the second week of March 2023.
 - iv. Gender Awareness and sensitization 'Participants hand Book' in Urdu reviewed and is now at final stages.
 - v. Gender Sensitive communication messages for girls' education promotion was reviewed during the reporting month.
 - vi. LHV course is at initial stages and till now, a total of 3 more candidates in addition to 17 last month have been identified and their documents are collected, and shared with PHSA staff. The MOU drafting is in process.
 - vii. The Communication Team remained engage in public dealing and sharing information regarding Dasu HPP with local community and general public through Public Information Centre (PIC) continued.
 - viii. Distribution of already published information material continued among the affected communities in the project area.
 - ix. The IGRC team updated the GRC status for the month and carried out meetings for resolving the pending complaints,
 - x. The IMM team organized workforce data received from all contractors and other stakeholders. A total 5,269 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 involve to keep record of Kass Land Leasing which remained in progress during the reporting month.
 - iii. 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.
 - iv. The MIS Team mainly worked on the development of "SMR Module" and "Upgradation of the Web Portal". About 87 % of MIS Development work has been completed by February 2023. The team remained engaged in developing OHS Module. A couple of meetings were also held with OHS Team to finalize the input modules.

3.4.11 Others

a) Planning & Work Sequence Monitoring Section

- i. The Colony Project Contractor (CGICOP) submitted his 2nd Extension of Time (EoT-2) claim with 26 no. of delay events. The Engineer preliminarily assessed the submission and requested the Contractor a revised baseline schedule for the EoT-2. The Contractor submitted a soft copy of the schedule; however, the Engineer again requested the revised programme in accordance with the completion date of EoT-01, which should be consistent with the Approved Contract Programme (Baseline Schedule).
- ii. A meeting was held between the Engineer and the Contractor (CGICOP) on February 13, 2023, wherein the Contractor agreed to provide a revised schedule and As-built schedule for the Engineer's review and upon the Engineer's approval, submit the revised EoT-2. The Contractor (CGICOP) sent his revised schedule by email, which is under the Engineer's review.

- iii. An online meeting was held with the Contractor of EM-01 on the revised Baseline Schedule according to the change of Coordination Events with the Civil Works of MW-02.
- iv. A meeting was held on February 17, 2023, with the WAPDA Advisor Projects, Senior WAPDA Officers and DHC on the River Diversion Scheme progress (Cut-off Wall & U/S Starter Dam).
- v. Review of the Contractor's (CGGC) updated schedule R4D13 for MW-01 and discussion with the Contractor is in progress.
- vi. Review of the Contractor's (CGGC) updated schedule R5D12 for MW-01 and discussion with the Contractor is in progress.
- vii. A meeting was held with the CGGC Contractor regarding the need for the Revised Baseline Schedule of MW-01 contract, in accordance with the EOTs granted. The Contractor agreed to submit said schedule for the assessment of the Engineer.
- viii. Review of the RAR-02 Baseline Schedule of the Contractor (CGGC) is in progress.
- ix. The Contractor (Zhongmei) submitted his revised EoT-2 interim claim. The Engineer is reviewing it.
- x. A presentation of progress updates and main issues was held with the World Bank Mission between February 27, 2023, and February 28, 2023.
- xi. Preparation and submission of various periodical reports, 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 to clarify some design parameters and make a primary platform for QA/QC test methods and frequencies. The preparation of the RCC mix design integrated report is completed in this month. The report is included the study, tender and construction phases information.
- 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 proposed Natural Pozzolan Source 1, the supplementary optional tests are under testing at the Third-Party laboratory for completing the evaluation of the source. During this month the submitted request for Custom Clearance of the Pozzolan processing plant has been evaluated by the Engineer and the responsibility of the pall parties clarified as per the Contract terms. A Universal Testing Machine supplied by the "Kadeer Brother Limited" has been approved in the scope of KKH-01 work. The approval process of "Precision Engineering Services & Consultancy (Pvt.) LTD" has been completed in February month in the scope of KKH-01 work. The Evaluation of proposed Tunnel material for KKH-01 were mostly completed and the approved material has been clarified to the CCECC Contractor. A Quality Control and Assurance testing plan had been carried out from the Fauji Low Alkali cement during the January month; the Third-Party laboratory test results are still being collected during the February month.
- 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 particularly to the Main Works Contractor. The database of third-party laboratory test results are being recorded. Gathering and evaluating data regarding CR2 and CR9 Batching Plants printouts and Daily summaries are regularly being performed. The daily report of all activities in the Barseen Laboratory is being recorded. The UCHAR Temporary Crushing Plant's daily production active time is also being monitored (MW-01&MW-02). Evaluating the main works database for all material was performed during February 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. The Contractor is

empowering the QA/QC section. A new integrated database of all petrographic and Alkali Silica Reactivity test results has been prepared in the scope of Main Works from the beginning of the projects.

- 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. Regarding the New UCHAR Crushing Plant (Number #1), the civil works is completed and the Contractor is trying to adjust the productions according to the Technical Specifications of the project. Recently due to the shortage of fine material at the Main Works site, the fine material tests are regularly being performed. However the modification of Coarse aggregates production is still ongoing. For assurance purposes some cores have been taken from the executed harden concrete of diversion tunnel B.
- 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 Concrete Classes and Shotcrete are being tested at the site in the scope of Main Works and KKH-01 projects. The aggregate production rate measurement has been performed at the Uchar temporary crushing plant (MW-01&MW-02). The field density test to evaluate the compaction of the executed random rock fills in the Starter Dam body is regularly being performed, in the scope of MW-01 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 Main works. The petrographic analysis and the latest test results of the proposed natural pozzolan performance (182 days) are being evaluated. The monthly third party laboratories test results for different material are being evaluated in the scope of Main Works. The evaluation Third-Party laboratory test results of Rock Bolts, Steel Plates, Nuts and Wire produced by FAZAL Steel and PAK Steel and K&S Enterprise has been implemented in the scope of KKH-01 Work. Evaluation of proposed Tunnel material has also been carried out during February in the scope of KKH-01 work. Besides the regular data assessment, evaluating the batching plant's print-outs is being performed in the scope of the Main Works. Regarding this matter, the local DHC inspectors are being trained by the senior Engineers to systematically follow up and control the production (Concrete, Shotcrete, and Mortar) quality. The Contractor (CGGC) should hire well-experienced laboratory technicians and Engineers to improve quality control and decrease the variations at the site and laboratory.
- 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 and being prepared for submission to the 3rd party laboratories. 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 are being performed. Regarding this activity the Engineer got close help from WAPDA Engineers. A letter are being prepared to the Contractor regarding the ability of CMTL third-party laboratory to perform harden RCC special tests. For final approval of the RCC mix designs, performing of these tests are essential. The evaluation of a proposed third-party calibration company is completed in the of KKH-01 work during February month. 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 project specifications.
- viii. **RCC Mix Design:** Second Stage RCC Mix Trial Program recommended by Dr. Dunstan has been performed with different cement (Fauji and Maple Leaf OPC) and Natural

Pozzolan 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 Contractor is also requested to repeat the nominated mix proportions at the Barseen laboratory to confirm the performed tests, especially to verify the performance of the utilized water retarder. 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. 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 designs for the final cementations material content based on long-term laboratory test results. Regarding the cementations 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 activities of the handed over area to the Contractor have been started during February month.

As mentioned above, an integrated RCC Mix Design studies report has almost been completed in this month.

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

In the scope of the MW-01&MW-02 works, Pozzolan CVC mix trials are ongoing for different classes of concretes and shotcretes. Contact and Back-filling grout mix trials have been evaluated by the Engineer and approval letter with respective comments submitted to the Contractor. In KKH-01 works, the various Conventional Concrete mix trials have been implemented at the field. Optimization of cement content and application of new admixture were the purpose of mix trials. In the scope for improvement the access road to the Colony project, two mixes has been approved for RCC pavement with two different aggregate sources by CCECC Contractor. Recently, the Contractor is proposing a new aggregates source for the RCC pavement mixes. The CCECC starts high-strength concrete mix design for the KKH-01 Bridges at the ZAL laboratory. The mix trials for 42 and 50 MPa are still ongoing.

- 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. A new Universal Testing Machine has been evaluated and approved in the scope of KKH-01 work. The approval process of other equipment are ongoing. Regarding the variation order of KKH-02 work, the updated required list of Laboratory testing equipment is also has been carried out during February Month.

c) Survey Section

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

i. Dasu-RAR-01: Survey Supervision Activities

- **Joint Work done Survey for Excavation at Kamila By pass**
Km 0+00 to Km 0+500
Km 2+00 to Km 2+387
K1+081.25 to K1+093.75

- **Joint Survey of Retaining wall foundation at Kamila By pass:**

Km 0+137.75 to Km 0+143.50
Km 0+143 to Km 0+162.50
Km 0+393.75 to Km 0+525.50
Km 0+163.75 to Km 0+ 173.12
Km 0+173.12 to km 0+179.5
Km 1+004.46 to Km 1+034.3
Km 1+100 to Km 1+106.25
Km 1+161.68 to Km 1+289.4
Km 1+753.04 to Km 1+764.10
Km 1+289 to Km 1+318

- **Joint Survey of Breast wall foundation at komila bypass**

Km 0+00 to Km 2+325
Km 0+093.75 to km 0 +106.2
Km 0+425 to Km 0+437.50
Km 0+437 to Km0+450
Km 0+456 to Km0+462
Km 0+456.25 to Km 0+462.75
Km 0+468 to Km 0+475.75
Km 0+478 to Km 0+687.75
Km 0+490 to Km0+500
Km 2+00 to Km2+387

ii. **RAR 02: Survey Supervision Activities:**

- Joint demarcation of ROW for cutting trees along the alignment at RAR-02 K35+800 to K35+900
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K0+975 to K0+985 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K0+985 to K1+000 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K1+000 to K1+010 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K1+010 to K1+020 left side from KANDIA bridge
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K34+430 to K34+560
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K32+730 to K32+920
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K13+190 to K13+630
- Joint Survey for shallow-hole and split blasting at RAR-02 main road ch.K13+720 to K13+730
- Joint Survey for Formation of Embankment with Rock Material of 20 Layer at RAR-02 Ch. K13+250-K13+370
- Joint Survey for shallow-hole and split blasting of access road at RAR-02 Ch.K1+040 to K1+065 Left side from KANDIA Bridge
- Joint Survey for shallow-hole and split blasting of temporary access road at RAR-02 DOGAH K20+590 Elevation 821 to 823
- Joint Survey for shallow-hole and split blasting of temporary access road at RAR-02 DOGAH K20+590 Elevation 823 to 825
- Joint Survey for shallow-hole and split blasting of access road RAR-02 at Ch.K1+080 to K1+090 Left side from KANDIA Bridge
- Joint topographic Survey for cable Crossing at RAR-02 K47+900
- Joint Survey for measurement of excavation quantity temporary access road TR-01 to RAR-02 at K0+860 to K1+348
- Joint Survey for measurement of excavation quantity temporary access road TR-01 to RAR-02 at K0+860 to K1+348

- Joint Survey for measurement of excavation quantity temporary access road to RAR02 at ch;37+000 right side from KANDIA
- Joint Survey for measurement of excavation quantity temporary access road to RAR-02 at ch;37+000 right side from KANDIA
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 main road at K32+600 to K33+400
- Joint Survey for shallow-hole & split blasting of access road to RAR-02 at Ch;K0+000 to K0+050 Left side from KANDIA Bridge
- Joint Survey for shallow-hole & split blasting of access road to RAR-02 at Ch;K0+140 to K0+160 Left side from KANDIA Bridge
- Joint Survey for shallow-hole & split blasting temporary Access road to RAR-02 DOGAH Right bank K20+590 EL;826 to 828
- Joint Survey for measurement of excavation quantity temporary access road TR-03 to RAR-02 at K0+800 to K1+093
- Joint demarcation of ROW for cutting trees along the alignment at RAR-02 K35+800 to K35+900
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K0+975 to K0+985 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K0+985 to K1+000 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K1+000 to K1+010 left side from KANDIA bridge
- Joint Survey for shallow-hole & split blasting of access road at RAR-02 ch.K1+010 to K1+020 left side from KANDIA bridge
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K34+430 to K34+560
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K32+730 to K32+920
- Joint Survey for rock classification after excavation of the main Road RAR-02 at K13+190 to K13+630
- Joint Survey for shallow-hole and split blasting at RAR-02 main road ch.K13+720 to K13+730
- Joint Survey for Formation of Embankment with Rock Material of 20 Layer at RAR-02 Ch. K13+250-K13+370
- Joint Survey for shallow-hole and split blasting of access road at RAR-02 Ch.K1+040 to K1+065 Left side from KANDIA Bridge
- Joint Survey for shallow-hole and split blasting of temporary access road at RAR-02 DOGAH K20+590 Elevation 821 to 823
- Joint Survey for shallow-hole and split blasting of temporary access road at RAR-02 DOGAH K20+590 Elevation 823 to 825
- Joint Survey for shallow-hole and split blasting of access road RAR-02 at Ch.K1+080 to K1+090 Left side from KANDIA Bridge
- Joint topographic Survey for cable Crossing at RAR-02 K47+900
- Joint topographic Survey for cable Crossing at RAR-02 K47+900
- Joint Survey for measurement of excavation quantity temporary access road TR-01 to RAR-02 at K0+860 to K1+348
- Joint Survey for measurement of excavation quantity temporary access road TR-01 to RAR-02 at K0+860 to K1+348
- Joint Survey for measurement of excavation quantity temporary access road to RAR02 at ch;37+000 right side from KANDIA
- Joint Survey for measurement of excavation quantity temporary access road to RAR-02 at ch;37+000 right side from KANDIA
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 main road at K32+600 to K33+400

- Joint Survey for shallow-hole & split blasting of access road to RAR-02 at Ch;K0+000 to K0+050 Left side from KANDIA Bridge
- Joint Survey for shallow-hole & split blasting of access road to RAR-02 at Ch;K0+140 to K0+160 Left side from KANDIA Bridge
- Joint Survey for shallow-hole & split blasting temporary Access road to RAR-02 DOGAH Right bank K20+590 EL;826 to 828
- Joint Survey for measurement of excavation quantity temporary access road TR-03 to RAR-02 at K0+800 to K1+093
- Joint Survey for measurement of excavation quantity (IPC) of RAR-02 main road at K35+000 to K36+400

iii. Dasu-KKH-01: Survey Supervision Activities

- **Joint survey of Sliding Area at:**
Km 4+700
- **Joint survey of Excavation work and Support work at:**
Km 9 tunnel 9+330
Km 9 tunnel 9+383
- **Joint Work done survey of Excavation at:**
Km 1+400 to Km 1+700
- **Joint work done survey for slope protection (Shot Crete) at:**
Km 1+425 to Km 1+575
Km 1+775 to Km 1+900
- **Joint survey of Excavation work and Support work at:**
Km 4 tunnel Km 4+466 to Km 4 + 463
Km 4 tunnel Km 4+420 to Km 4 + 418
- **Joint survey of Excavation work and Support work at:**
DOGAH tunnel Km 23+652 to Km 650
- **Joint survey for sliding material at KHUSHI access road after cleaning at:**
Km 0+741 to Km 0 +770
Km 0+864 to Km 0 +910
Km 1+270 to Km 0 +312

iv. Dasu-KKH-02: Survey Supervision Activities

- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 44+080 to K44+085
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 44+030 to Km 44+060
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 35+840 to Km 35+870
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 28+290 to Km 28+310
- Demarcation of tunnel inlet and outlet KKH-02 at SHORI tunnel 2
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 35+750 to Km 35+760
- Joint Survey for shallow-hole and split blasting of KKH-02 main road K33+850 to K33+920
- Joint Survey for shallow-hole blasting of main road KKH-02 at K44+260 to K44+280
- Demarcation of tunnel inlet and outlet KKH-02 at SUMMER tunnel
- Joint Survey for shallow-hole blasting of KKH-02 main road K44+280 to K44+360
- Joint Survey for shallow-hole blasting of KKH-02 main road K42+460 to K42+550
- Demarcation of tunnel inlet and outlet KKH-02 at GOBER tunnel
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 42+430 to Km 42+460
- Demarcation of ROW KKH-02 main road at PANIBAH
- Joint topographic Survey for Access road (REV-01) Km 32+810 To Km 33+340
- Joint Survey for shallow-hole blasting of New Comp at Km 39
- Demarcation of ROW KKH-02 main road at SUMMER NALLAH
- Joint topographic Survey for Access road (REV-01) Km 24+900 To Km 25+690
- Joint inspection for counting and removal of trees at KKH02 main road Km 26+380 to Km 26+480
- Joint inspection for boulder measurement of KKH02 main road Km 44+230 to Km 44+240
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 44+230 to Km 44+370

- Demarcation of LOOTER camp
- Demarcation of tunnel inlet and outlet KKH-02 at LOOTER
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 26+560 to Km 26+590
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 42+570 to Km 42+590
- Joint Survey for rock classification KKH-02 main road Km 44+000 to Km 44+110 at LOOTER
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 44+070 to Km 44+080
- Joint Survey for rock classification KKH-02 main road Km 45+640 to Km 46+610 at LOOTER
- Joint Survey for shallow-hole and split blasting of access road at RD 0+130 to RD 0+136 at KKH02
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 36+440 Km 36+460
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 28+250 Km 28+270
- Joint Survey for shallow-hole and split blasting of access road at RD 0+140 to RD 0+150 at KKH02
- Joint topographic Survey for IPC of KKH-02 main road Km 36+000 to Km 36+480
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 36+870 to Km 36+890
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+270 to Km 28+300
- Joint topographic Survey for IPC at KKH-02 Km 42+520 Access Road RD 0+000 to RD 0+182.46
- Joint Survey for shallow-hole blasting of KKH-02 main road KM 28+290 to KM 28+320
- Joint topographic Survey of additional area KKH02 Km 44+400 to Km 46+080
- Joint topographic Survey of additional area KKH02 Km 42+740 to Km 43+100
- Demarcation of ROW KKH-02 main road at KAIGAH NULLAH
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 33+520 to Km 33+540
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 44+030 to Km 44+010
- Joint topographic Survey for looter comp KKH-02 Km 37+340 to Km 37+660
- Joint topographic Survey of main road KKH-02 Km 38+380 to Km 38+840
- Joint Survey for shallow-hole blasting of main road KKH-02 at Km 28+290 to Km 28+310
- Joint topographic Survey of main road KKH-02 Km 39+340 to Km 39+680
- Demarcation of tunnel inlet and outlet KKH-02 at SHORI tunnel 2
- Demarcation of tunnel inlet and outlet KKH-02 at Km 46 tunnel
- 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

v. Project Colony Survey Supervision Activities:

- Joint layout of boundary wall at category 2C part 1 and 2
- Joint layout of boundary wall at category 2C part 3 and 4
- Joint survey bed level of boundary wall at category 2C part 1 and 2
- Joint layout of boundary wall at category 2C part 5 and 6
- Joint layout of boundary wall at category 2C part 7 and 8
- Joint survey bed level of boundary wall at category 2C part 3 and 4
- Joint survey bed level of boundary wall at category 2C part 5 and 6
- Joint layout of boundary wall at category 2C part 9 and 10
- Joint layout of boundary wall at category 2C part 11 and 12
- Joint layout of boundary wall at category 2C part 13 and 14
- Joint survey bed level of boundary wall at category 2C part 7 and 8
- Joint survey bed level of boundary wall at category 2C part 9 and 10
- Joint survey bed level of boundary wall at category 2C part 11 and 12
- Joint survey bed level of boundary wall at category 2C part 13 and 14
- Joint layout of boundary wall plinth beam at category 2C part 1 and 2

- Joint layout of boundary wall plinth beam at category 2C part 3 and 4
- Joint layout of boundary wall plinth beam at category 2C part 5 and 6
- Joint layout of boundary wall plinth beam at category 2C part 7 and 8
- Joint layout of boundary wall plinth beam at category 2C part 9 and 10
- Joint layout of boundary wall plinth beam at category 2C part 11 and 12
- Joint layout of boundary wall plinth beam at category 2C part 13 and 14
- Joint survey of first floor slab and beam top level at community center
- Joint layout of retaining wall at contractor camp
- Joint survey bed level of retaining wall at contractor camp
- Joint work done survey of retaining wall at contractor camp
- Joint Survey of Plinth Beam for Boundary Wall at Category 2B Part 12
- Joint Survey of Plinth Beam for Boundary Wall at Category 2B Part 13
- Joint Survey of Plinth Beam for Boundary Wall at Category 2B Part 14
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 3
- Joint Survey of Bed Level for Boundary Wall at Category 2C Part 3
- Joint Survey of Plinth Beam for Boundary Wall at Category 2C Part 2
- Joint Survey of Plinth Beam for Boundary Wall at Category 2C Part 3
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 4
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 5
- Joint Survey of Plinth Beam for Boundary Wall at Category 2C Part 4
- Joint Survey of Plinth Beam for Boundary Wall at Category 2C Part 5
- Joint Layout and Excavation at P 1 Road Left Side Drain from RD 0+280 to 0+310
- Joint Layout and Excavation at P 1 Road Left Side Drain from RD 0+310 to 0+340
- Joint Layout and Excavation at P 1 Road Left Side Drain from RD 0+340 to 0+380
- Joint Survey and Check Bed Level at P 1 Road Left Side Drain from RD 0+280 to 0+310
- Joint Survey and Check Bed Level at P 1 Road Left Side Drain from RD 0+310 to 0+340
- Joint Survey and Check Bed Level at P 1 Road Left Side Drain from RD 0+340 to 0+380
- Joint Survey and Check Top Level of Class B at P 1 Road Left Side Drain from RD 0+520 to 0+550
- Joint Survey and Check Top Level of Class B at P 1 Road Left Side Drain from RD 0+550 to 0+580
- Joint Layout of Retaining Wall for Water Pump Station near KKH
- Joint Survey of Bed Level of Retaining Wall for Water Pump Station near KKH
- Joint Survey and Check Bed Level of Main Septic Tank Type A Near KKH
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 6
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 7
- Joint Layout and Excavation of Boundary Wall at Category 2C Part 8
- Joint Survey and Check Bed Level of Boundary Wall at Category 2C Part 6
- Joint Survey and Check Bed Level of Boundary Wall at Category 2C Part 7
- Joint Survey and Check Bed Level of Boundary Wall at Category 2C Part 8

vi. Main Works Survey Supervision Activities

- Established survey control points at Cut off wall Area
- Verification of as built survey for power intake structure EI: 1051m to 1042m
- Verification of as built survey of switchyard for quantity calculations
- Verification of as built survey of Traffic Diversion tunnel outlet for quantity calculations
- Verification of survey control network at LBTT
- Verification of Geological over break measurement at Adit tunnel for tailrace CH: 0+378 to 0+379
- Verification of geological Over break measurement at Adit Tunnel for Tailrace CH: 0+412 to 0+414
- Verification of survey control network at Service tunnel B
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+017 to 1+029 before pouring concrete

- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+077 to 1+089 before pouring concrete
- Joint topographic survey at Diversion tunnel-A and B outlet area current situation
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+089 to 1+101 before pouring concrete
- Topographic survey at Switchyard area for main works-01
- Joint survey for invert foundation at diversion tunnel-A CH: 1+161 to 1+173 before pouring concrete
- Topographic survey at UCHAAR area for main works-01
- Formwork verification at DTA inlet part 1 crown portion
- Verification of shotcrete quantity at DTB outlet left side
- Verification of switchyard as built survey
- Formwork verification for 1 meter invert concrete at DTA 0+585 to 0+597
- Formwork verification for 1 meter invert concrete at DTA 0+573 to 0+585
- Topographic survey at DTA outlet with Main Works designer
- Topographic survey at UCHAAR for current situation
- Verification of Power intake as built survey
- Joint verification of survey control network at CT-2 , Tailrace no. 1
- Joint formwork verification at Starter Dam for guide walls CH: 0+010 to 0+022
- Joint as built survey at right bank diversion tunnel for steel arch confirmation CH: 0+519 to 0+525
- Topographic survey at Diversion tunnel's outlet for river longitudinal profile
- Observed river Water level at Diversion Tunnel-A inlet Dyke
- joint measurement for convergence at Transformer Cavern CH: 0+145 to 0+240
- Joint invert foundation survey at Diversion Tunnel-A CH: 0+993 to 1+005 before pouring concrete
- Joint invert foundation survey at Diversion Tunnel-A CH: 1+005 to 1+117 before pouring concrete
- Observed river Water level at KASS bridge
- Joint invert foundation survey at Diversion Tunnel-A CH: 0+957 to 0+969 before pouring concrete
- Joint invert foundation survey at Diversion Tunnel-A CH:0+981 to 0+993 before pouring concrete
- Joint invert foundation survey at Diversion Tunnel-A 0+969 to 0+981 before pouring concrete
- Observed river Water level at Diversion Tunnel-A inlet Dyke
- Joint invert foundation survey at Diversion Tunnel-A CH1+029 to 1+041 before pouring concrete
- Joint invert foundation survey at Diversion Tunnel-A CH:1+041 1+053before pouring concrete
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+113 to 1+125 before pouring concrete
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+137 to 1+149 before pouring concrete
- Checked survey control points Network at CT2 Adit tunnel and Tailrace tunnel 1
- Formwork verification at DTA inlet part 1 crown portion
- Joint formwork verification at DTA inlet CH: 0+002.3 to -0+012.7
- Verification of geological over break at CT-2 tunnel
- Joint survey for lean concrete at DTA CH: 1+256 to 1+290
- Observed river water level at Diversion tunnel's inlet and outlet
- Joint formwork verification of guide walls at coffer dam CH: 0+042 to 0+062
- Formwork verification for 1 meter invert concrete at DTA Ch: 0+173 to 0+185
- Joint topographic survey for current situation at CR-2 after backfilling
- Formwork verification for 1 meter invert concrete at DTA Ch: 1+185 to 1+197
- Topographic survey at UCHAAR Nullah for current situation

- Observed River Water level at Steel truss Bridge KASS
- Verification of switchyard as built survey
- Joint as built survey at Cable crane platform right bank
- Verification of survey control network and geological over break at LBTT
- Verification of survey control network and geological over break at CT-2 tunnel
- Joint invert foundation survey at Diversion Tunnel-A CH: 0+357 to 0+369 before pouring concrete
- Joint invert foundation survey at Diversion Tunnel-A CH: 0+357 to 0+396 before pouring concrete
- Observed River Water level at Diversion tunnel Inlet Dyke
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+053 to 1+065 before pouring concrete
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+065 to 1+077 before pouring concrete
- Joint topographic survey at Diversion Tunnel-B Inlet area before divert River
- Joint survey for invert foundation at Diversion Tunnel-A CH: 1+101 to 1+113 before pouring concrete
- Joint survey for invert foundation at diversion tunnel-A CH: 0+993 to 0+405 before pouring concrete
- Joint survey for invert foundation at Diversion tunnel-A CH: 1+149 to 1+161 before pouring concrete
- Joint survey for shotcrete quantity at A3-3 outlet
- Joint survey for shotcrete quantity at DTA outlet
- Survey for water flow measurement from DTB inlet to DTB outlet
- Topographic survey at dam site for river current situation
- Joint formwork verification for 1m invert concrete at DTA CH: 0+561 to 0+573
- Joint as built survey for quantity calculations at Power Intake EI: 985
- Joint as built survey at power intake area
- Joint survey for lean concrete at Diversion Tunnel A CH: 1+390 to 1+420
- Joint formwork verification at starter dam guide walls CH: 0+022 to 0+42
- Joint formwork verification for 1m invert concrete at DTA CH: 0+417 to 0+429
- Joint formwork verification at DTA inlet Ch: -0+018 to -0+035
- Observed high flood level at UCHAAR Nullah
- Observed River water level at KASS steel truss bridge
- Joint survey for invert foundation at Diversion tunnel-A CH: 0+369 to 0+381 before pouring concrete
- Joint survey for invert foundation at Diversion tunnel-A CH: 0+381 to 0+393 before pouring concrete
- Observed River water Level at Diversion tunnel inlet Dyke area
- Topographic survey at Switchyard area for main works-01
- Joint survey for invert foundation at Diversion Tunnel-A CH: 0+400 to 0+405 lean concrete
- Joint survey lean concrete at diversion Tunnel CH: 1+320 to 1+360 before pouring concrete
- Observed river water level at DTA & DTB inlet
- Verification of survey control network at LBTT
- Verification of installed steel arches at DTB outlet

vii. Revenue Survey

- Revenue Verification at Shatial limits to end point of Reservoir

d) Geology and Geotechnical Section Activities

i. Dasu-MW-01

- **Traffic Diversion Tunnel (Inlet)**
Carried out subsurface geological mapping/data collected up to 0+982m.
- **Traffic Diversion Tunnel (Outlet)**
Carried out subsurface geological mapping/data collected up to 1+287m.
- **Adit 3-2 (Inlet)**
Carried out subsurface geological mapping/data collected up to 0+137m.
Target length has been completed.

- **Adit 3-2 (Outlet)**
Carried out subsurface geological mapping/data collected up to 0+149m. Target length has been completed.
 - **Diversion Tunnel Right Bank Downstream (DTR D/S)**
Carried out subsurface geological mapping/data collected up to 0+520m.
 - **Diversion Tunnel Right Bank Upstream (DTR U/S)**
Carried out subsurface geological mapping/data collected up to 0+045m.
- ii. **Dasu-MW-02**
- **In-Situ Overcoring Test (GIST):**
A meeting was held with CGGC & IVCC on 19th December, 2022 at DHC office regarding the in situ over coring test but no any documents have been submitted yet.
 - **Service Tunnel-B (ST-B)**
Geological mapping and collection of data from 0+127m to onward will continue after support works.
 - **Connection Tunnel-02 (CT-02)**
Carried out subsurface geological mapping/data collected up to 0+451m.
 - **Tailrace Tunnel-1 Upstream (TRT1-U/S)**
Carried out subsurface geological mapping/data collected up to 1+561m.
 - **Tailrace Tunnel-1 Downstream (TRT1-D/S)**
Carried out subsurface geological mapping/data collected up to 1+599m.
 - **Tailrace Tunnel-2 Upstream (TRT2-U/S)**
Carried out subsurface geological mapping/data collected up to 1+637m.
 - **Tailrace Tunnel-2 Downstream (TRT2-D/S)**
Carried out subsurface geological mapping/data collected up to 1+650m.
 - **Connection Tunnel-1 Left ADFT (CT1-L)**
Carried out subsurface geological mapping/data collected up to 0+67.5m.
 - **Connection Tunnel-1 Right ADFT (CT1-R)**
Carried out subsurface geological mapping/data collected up to 0+67.4m.
 - **Exhaust Shaft**
Carried out subsurface geological mapping/data collected up to 0+023m.
- iii. **KKH-01**
- **Logro Tunnel-A (K9+159)**
Carried out subsurface geological mapping/data collected up to K9+393m.
 - **K-4 Tunnel (K4+621)**
Carried out subsurface geological mapping/data collected up to K4+415m.
- iv. **KKH-02**
- **Drilling/investigation for KKH-02 Tunnels by DID WAPDA**
 - **Shori Tunnel-1 (BV#47-1) Inlet Target 40m:**
Preparation of access track to borehole location and water tank is in progress.
 - **Shori Tunnel-1 (BV#47-2) Outlet Target 30m:**
Drilling progress is 50.0m, drilled from 0.00 to 50.0m.
Target depth of 50m has been completed.
Borehole terminated.
 - **Summer tunnel (BH#51-1) Inlet Target 50m:**
Drilling progress is 23.0m, drilled from 0.00.0m to 23.0m.
Net progress is 23.0m.
 - **Summer tunnel (BV#51-4) Outlet Target 30m:**
Drilling progress is 30.0m, drilled from 0.00 to 30.0m.
Target depth of 30m has been completed.
Borehole terminated.
 - **Rock Classification KKH-02:**
Carried out jointly rock classification of access roads of KKH-02 from K0+000 to K0+399 at K40+840, access road K0+000 to K0+324 at K40+700, access road from K0+000 to K0+444 at K35+950, access road from K0+000 to K0+335 at K33+050, access road from K0+000 to K0+318 at K32+950 and main road KKH-02 from K37+120 to K37+800.

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.2 (R2)

Information in PC-1			Information of Baseline Schedule R3 ¹⁾					Remarks	
Item No	Cost Items	Contract	Start	Finish	Duration	Cost ²⁾	Weight by Cost ³⁾		
			(DDMMYY)	(DDMMYY)	Days	M PKR	(%)		
I	I.1	Relocation of KKH	KKH-01	24-08-15	13-12-19	1,572	14,539	4.96%	EOT-2 Approved.
			KKH-02	15-05-20	13-05-22	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.
	I.3	Internal Roads and Bridges	RAR-01(Komila-Dam, 12km)	24-08-15	16-07-20	1,788	2,714	0.93%	EOT-3 Approved.
			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
			Dismantling 2 bridges at Kandia and Largani	01-01-21	31-12-21	364	1,000	0.34%	Not commenced
	I.4	Project Colony & Infrastructure	PCI-01R	20-05-19	17-05-21	728	4,900	1.67%	EOT-1 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	21-11-26	3,438	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	18-06-26	3,282	64,426	21.99%	EOT-1 Approved. EoT-2 (105d) & EoT-3 (103d) under Process.	
I.9	Hydro-Mechanical & Electrical Equipment	EM-01	20-05-20	19-06-25	1,856	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.
			LBRV-12	26-12-18	07-12-20	712	1,017	0.35%	EOT-1 Approved.
			Dasu-RV	18-06-19	15-12-20	546	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%		

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⁾	45.7	39.6
Actual	16.1	13.4

- 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	90.3	174.7	32.8	-	0.15	100.0	32.9

- Gantt chart and S-Curves of DASU-KKH-01 based on EOT-2 are shown in Figure-8 & 9 respectively
- Scheduled progress of KKH-01 is based on EOT-2. Revised Schedule (EOT-3) for re-alignment (Tunnels & Bridges) in progress.

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 at Zero point third bench and excavation activities at third bench continued during the month.
- Excavation and primary support works of K-4 Tunnel outlet side RD=K4+412 continued during the month and 212m heading and benching 81m completed. Preparation for secondary lining assembling of formwork in progress.
- Excavation and primary support works of Logro-A tunnel inlet side RD=K9+396 continued during the month and 244m heading, benching 120m completed. Preparation for secondary lining assembling of formwork in progress.
- Improvement works and excavation of Khushe Bypass Road continued during the month.
- Construction of camp, workshop and batching plant in Uchar continued during the month.
- Preparatory works for Uchar Bridge resumed and continued during the month. Preparation for slope protection works on Dasu direction started and continued during the month.
- Installation of serial arches and Canopy pipes at outlet let area of Logro-B during the month continued.
- After backfilling for camp area of Barseen Bridge in Kaigah direction construction works started & continued during the month.

- Serial Arches installation and advance support work at Dugah Tunnel out let area continued during the month.
- Construction of camp, workshop and batching plant in Kaigah for Dugah tunnel continued during the month.
- Bckfilling with stone masonry for the retaining wall on Kaigaha Bypass suspended during the month.
- Preparation for slope protection works on right side pier 01 of Uchar Bridge started during the month and 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.	K16+000 to K20+600	Unfavorable Geological and Topographical conditions faced at KKH-01 from K17+100 to K17+600	Based on the Contractor's request with his letter ref.19-024, dated 16.02.2019, a geological study was made by DHC Expert.	Uchar-A Detail Design is submitted and waiting for additional Geological Investigation.
		Re-location of the Uchar Bridge. (Uchar Nallah).	Uchar Bridge Construction at new Location.	Preparatory works and mobilization in progress. Slope protection on right side pier 01 started and continued.
		Stoppage of excavation at K20+500 due to additional land acquisition to remove the unstable rock slope. (Barseen to Uchar).	Revised location of Barseen bridge is proposed.	Preparatory works and mobilization in progress.
2.	K20+600 to K24+710	Proposal of new bridge to avoid the passing in the unstable slope area of the Dugah Nullah. (Kaigah to Barseen)	The proposal of new bridge crossing Dugah Nullah has been prepared by DHC and the Bridge proposal option 2 was approved by the Employer.	Preparatory works and mobilization in progress.

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	9.5	39.8	1.4	4.71	0.72	27.4	2.1

- 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:

- Blasting and Excavation work is continued from k24+700 to onward.
- Excavation and blasting work at k26+370 are continue. Work is stopped from K26+370 to reverse direction and k28+600 to onward direction due to nonpayment of local houses in ROW.

- Excavation and blasting work from K33+520 to reverse direction & k33+800 to onward is continue.
- Blasting and Excavation work from k36+400 to onward, k42+650 to onward & k42+400 to reverse direction is continued.

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	90.3	153.6	98.5	-	0.10	100.0	98.6

- Gantt chart and S-Curves is based on EOT-2 are shown in Figure-11 & 12 respectively.
- Elapsed time and Scheduled progress based on EOT-3. Revised programme for EoT-4 is in progress.

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 of Komila bypass in progress.
- Slope cutting from catch point around K0+400 to K0+600 in progress.
- Excavation for road around K1+200, drilling and blasting around K2+200 end section Komila Bypass in progress.
- Drilling, blasting and excavation work for local access around K2+100 in progress.
- Embankment filling in Nullah for causeway around K1+350 in progress.
- Toe wall protection in nullah at K1+350 and stone masonry rip rap in progress.
- Concrete for causeway cutoff wall and lean concrete for slab at K0+356 in progress.
- Concrete Class A1 for causeway slab left side completed at K0+356.
- Concrete for causeway cutoff wall and lean concrete for slab at K0+900 in progress.
- Stone masonry retaining walls around K1+252 and K1+272 in progress.
- Granular backfill behind the completed R/walls in progress.
- Backfilling with stone and stone dust behind completed retaining walls at different location in progress.
- Stone masonry retaining wall around K1+954 to K1+987 in progress and completed.

NOTE:

- 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	21.6	90.1	1.2	3.56	0.07	94.8	1.3

- 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:

- Construction of gabion wall has been completed at k13+300.
- Excavation and blasting work continue from K13+400 to onward.
- Excavation work is in progress at k33+100, k36+410, k37+700 to onward.

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	88.0	161.3	91.5	-	0.50	100.0	92.0

- Gantt chart and S-Curves of Dasu-TL-01 based on EOT-2 are shown in Figure 14 and Figure 15, respectively.
- Elapsed time & Scheduled progress of TL-01 is based on EoT-3. Revised program for EoT-4 in progress.

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-1 of access road is in progress.
- Fencing work of switchyard is in progress.
- Roof treatment on Control house building is in progress.

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	Erection	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	
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	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.
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	
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	Not started	
15	T-45A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
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	Not started	
20	T-50A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
21	T-51A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
22	T-52	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
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	Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
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	
29	T-60A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
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	Completed	
35	T-66A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
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	Completed	
42	T-71A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
43	T-71M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
44	T-72A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
45	T-73A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
46	T-74A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
47	T-75A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
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		
								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		
								Not started	
63	T-86	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
64	T-87	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
65	T-88A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
66	T-89A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
67	T-90	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
68	T-91A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
69	T-92A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
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		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								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	
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	Completed	Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
88	T-115M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
89	T-116A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
90	T-119A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
91	T-120	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
92	T-121A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
93	T-122A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
94	T-123A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
95	T-124A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
96	T-125A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
97	T-126B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
98	T-127B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
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		Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
								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		
								Not started	
105	T-134A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
106	T-135A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
107	T-136A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
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		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								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	
131	T-161B	ZM-30 Standard	Completed	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	Not started	
144	T-174	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
145	T-175A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
146	T-176A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
147	T-177B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
148	T-178A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
149	T-179B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
150	T-180A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
151	T-181A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
152	T-181M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
153	T-182	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
154	T-183	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Completed	
155	T-184	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
156	T-185	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								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		
								Not started	
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		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Erection	Stringing	Remarks
								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	Completed	
179	T-206A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
180	T-207A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
181	T-208A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
182	T-209A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
183	T-210A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
184	T-211A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
185	T-212A	ZM-30 Standard	Completed	Value is above 10 ohm	Completed	Completed	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)	59	0	0	59	
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, T173A to T175A & T184 to T186.			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 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. Work have been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)		The Project Manager requested the Employer to resolve the issue in Weekly Progress Meetings 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	68.3	60.4	20.0	2.03	0.10	39.6	20.1

- Gantt chart and S-Curves of Dasu-MW-01 shown in Figure 16 and Figure 17

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 9th, 2019.
- Construction of Pakistani Camp located in Uchar area completed on November 3rd, 2019.
- Construction of Chinese Labor Camp located in Uchar Area on January 5th, 2020.

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

- Ground leveling for the Contractor's main camp-80.80%
- Building foundation of the prefabricated house- 89.70%
- Stone Masonry for Retaining Wall-68%

- (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**
 - i. Stone Masonry for retaining wall- 97.80%
 - ii. Aggregate Storage- 90%
 - iii. Fencing Wall- 36%
 - iv. Construction of Generator's house- 20%
- (4) **Aggregate Storage at CR9 Area**
Construction of aggregate storage in CR9 area completed on December 26th, 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 & 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 30th, 2022 and remaining continued during the month of September.
 - De silting from DT-A started from night of 24th September, 2022.

4.6.3.2 Diversion Tunnel

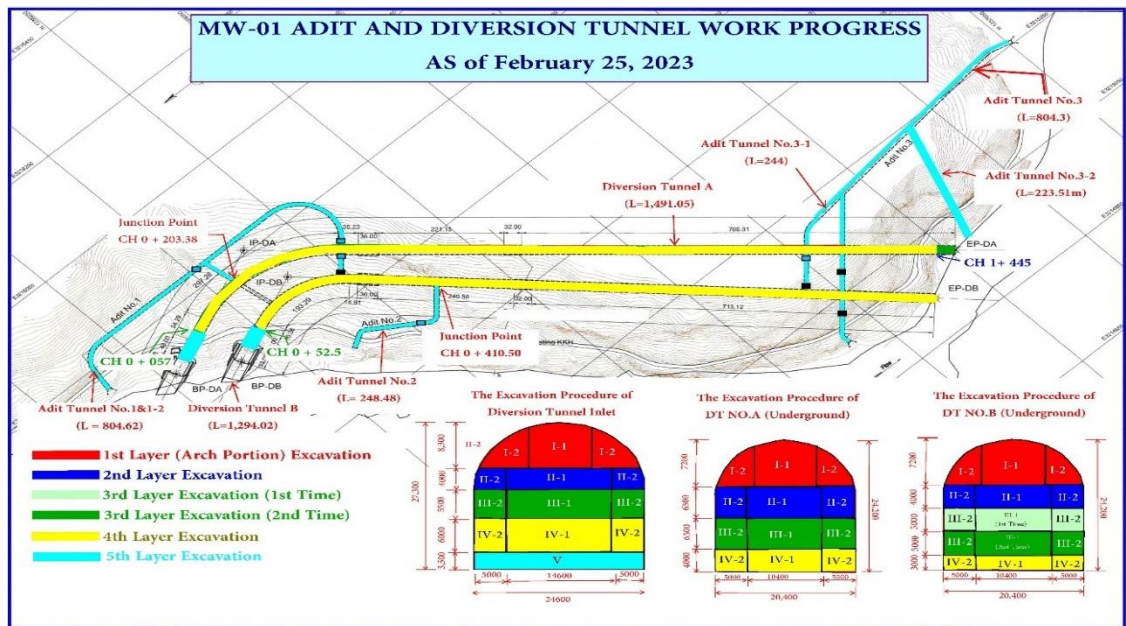
- (1) **Excavation of Diversion and Adit Tunnels**
 - i) **Adit Tunnels**
 - 3# Adit tunnel underground excavation completed (804.3m) on 2nd April 2020.
 - 1-2# Adit tunnel work started from 23rd September and completed at 804.6 m on April 18, 2021.
 - 3-1# Adit tunnel underground excavation (244m) was completed on Dec 13, 2020.
 - Adit Tunnel 3-2 (223m) started on November 28, 2022 and completed on February 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.

 - **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 completed at the end of December 2020.
 - **Underground Excavation of Diversion Tunnel**
Overall progress of underground excavation of Diversion Tunnel is shown in figure below.



Diversion Tunnel A

Progress of the underground excavation of Diversion Tunnel A is summarized in the table below.

DIVERSION TUNNEL A (EXCAVATION PROGRESS)			
Layer No.	Total Length (m)	Completed Length (m)	%age Complete
1 st	1,491	1,491	100
2 nd	1,491	1,491	100
3 rd	1,491	1,491	100
4 th	1,491	1,445	97
5 th	55	55	100

- The underground excavation of upper section (1st layer) is completed and breakthrough was done on 23rd September, 2020 at CH.0+995.
- The second bench excavation commenced on April 16, 2020 and completed till end of the June, 2021. The excavated length is **1,491m/1,491m (100%)**.
- The third bench excavation commenced on June 27, 2020 and completed on February 10, 2023 **1,491m/1,491m (100%)**.
- The fourth bench excavation commenced on October 16, 2020. It is also progressed from Adit Tunnel No.3 progress 1+445. The excavated length is **1,445m/1,491m (97%)**.
- The 5th layer for inlet section was started on December 08, 2020 and completed Ch. 0+061 till end of March, 2021.
- Overall Excavation volume progress for DT.A at the end of February, 2023 is **754,148m³/ 760,000m³ (99.23%)**.

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)

- 15,268m³ / 21,515m³ (71%) completed till end of February, 2023.

2) Inlet Lining Works (Inside)

- **Concrete Works:** 8,451m³ / 10,054m³ (84%) completed till end of February, 2023.

3) Invert Levelling Concrete (C20)

- L/S- 1,260m / 1,501.55m (84%)
- R/S- 1,330m/1,501.55m (89%)

4) 1m Invert Structural Concrete (A25)

- L/S- 924m / 1,411.55m (65%)
- R/S- 1,092m/1,411.55m (77%)

5) Outlet Structure Works

- **Concrete Works:** 1,926m³ / 1,926m³ (100%) completed on June 2nd, 2022.

Diversion Tunnel No. B

1) Inlet Structure Works (Outside)

- 17,941m³/ 21,600m³ (83%) completed till end of February, 2023.

2) Inlet Lining Works (Inside)

- 10,054m³ / 10,054m³ (100%) started on November 24, 2021 and completed on 21st December, 2022.

3) Shear Zone Area

- **Concrete Works:** 9,004m³ / 9,004m³ (100%) started on March 13, 2022 and completed on 16th December, 2022.

4) 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.

5) 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.

6) 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%).

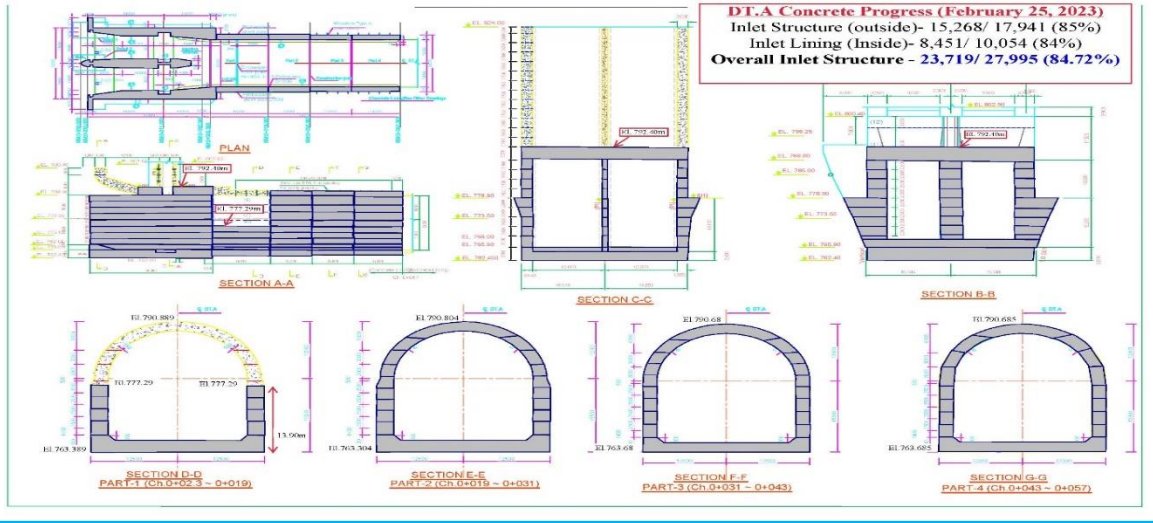
7) Adit Plug Concrete

- **Concrete Works:** 891m³/ 1647m³ (54%) completed till end of February, 2023.

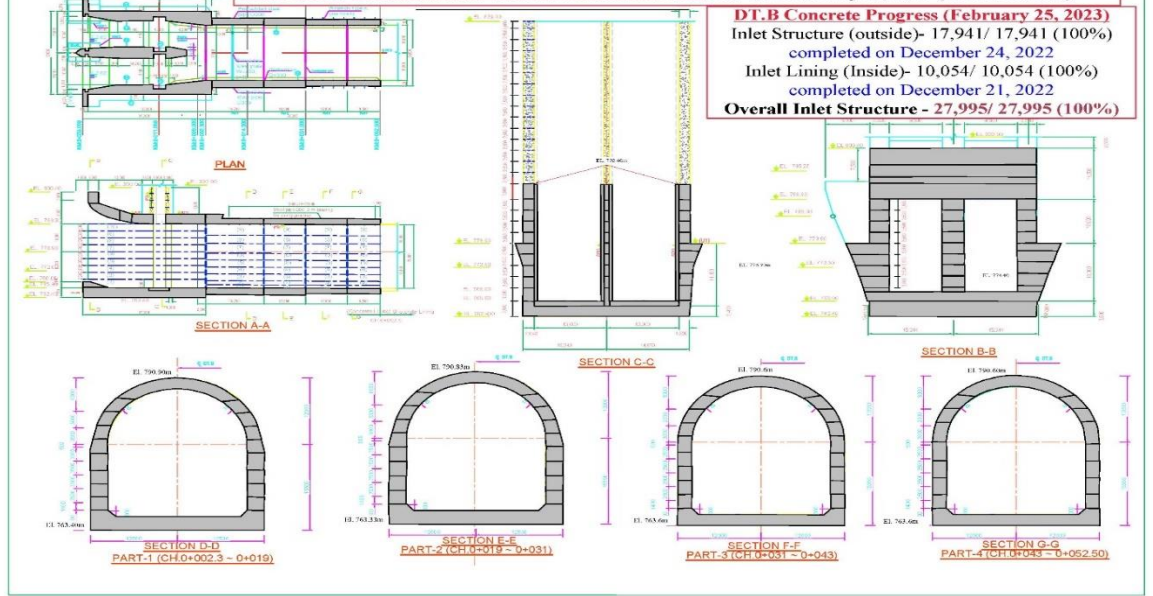
Progress of inlet structure concrete, concrete lining for shear zone and invert concrete are shown in figures below.



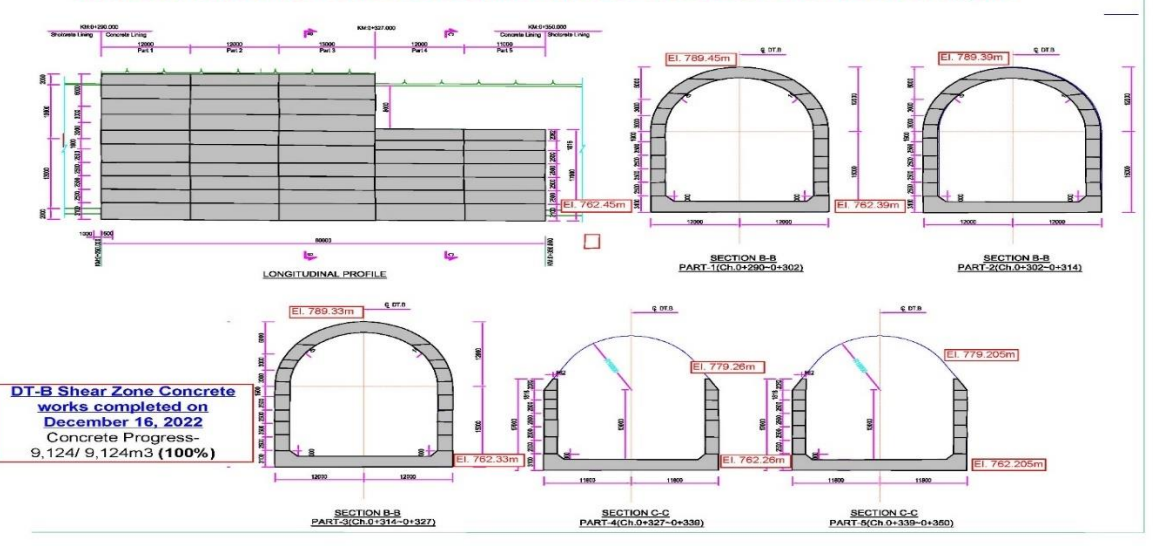
DIVERSION TUNNEL NO.A CONCRETE PROGRESS AS OF February 25, 2023 (INLET AREA)

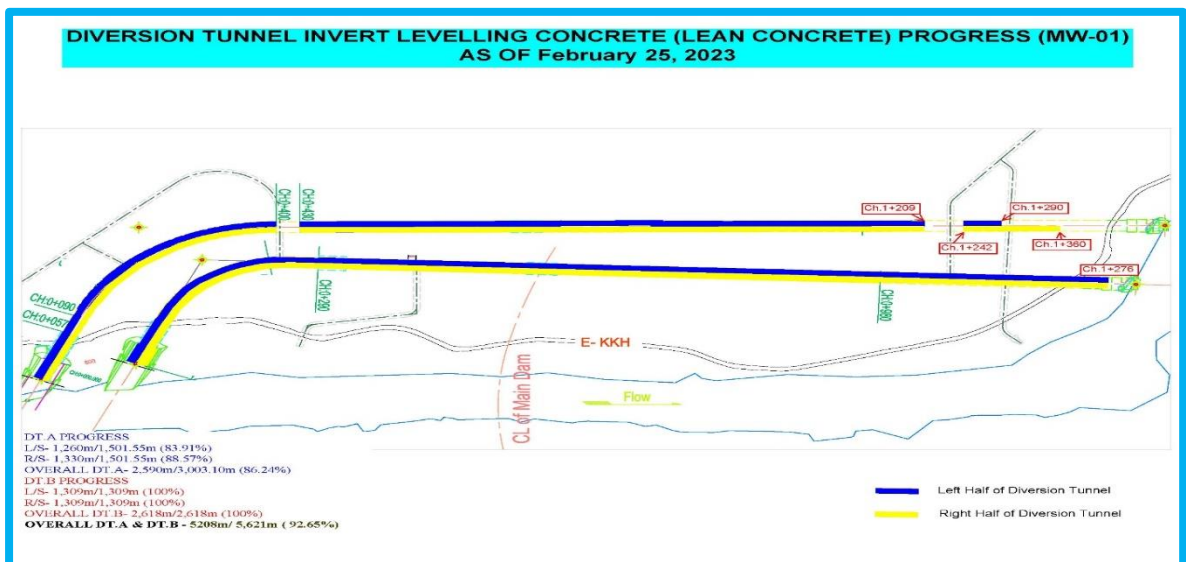
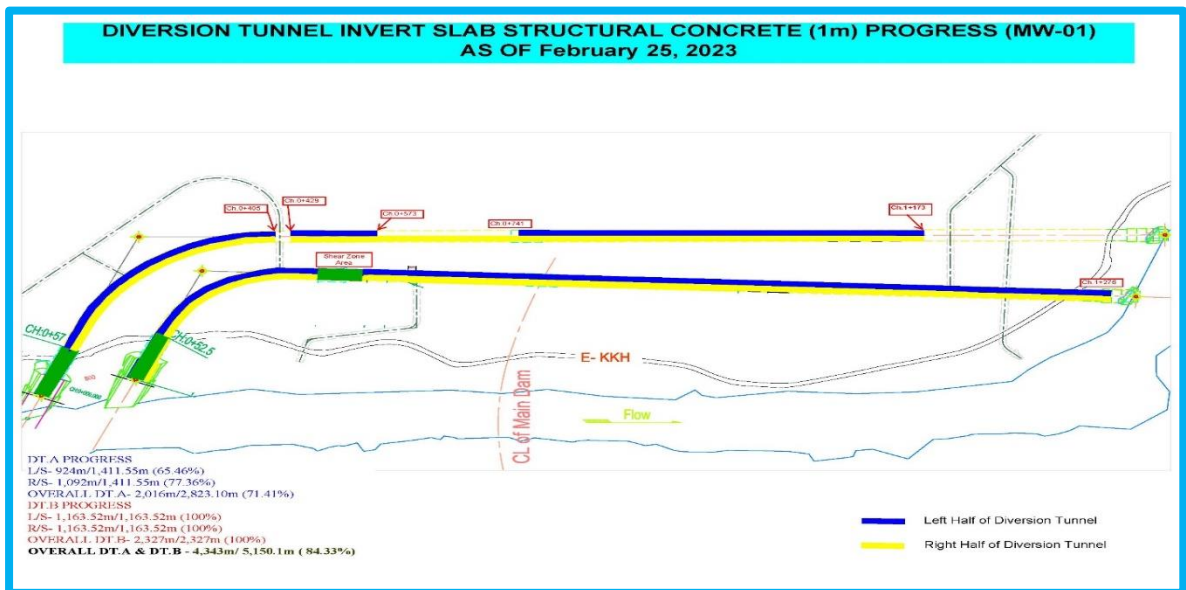


DIVERSION TUNNEL NO.B CONCRETE PROGRESS AS OF February 25, 2023 (INLET AREA)



DIVERSION TUNNEL NO. B SHEAR ZONE AREA CONCRETE PROGRESS AS OF FEBRUARY 25, 2023





(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 DT.B Inlet Dyke.

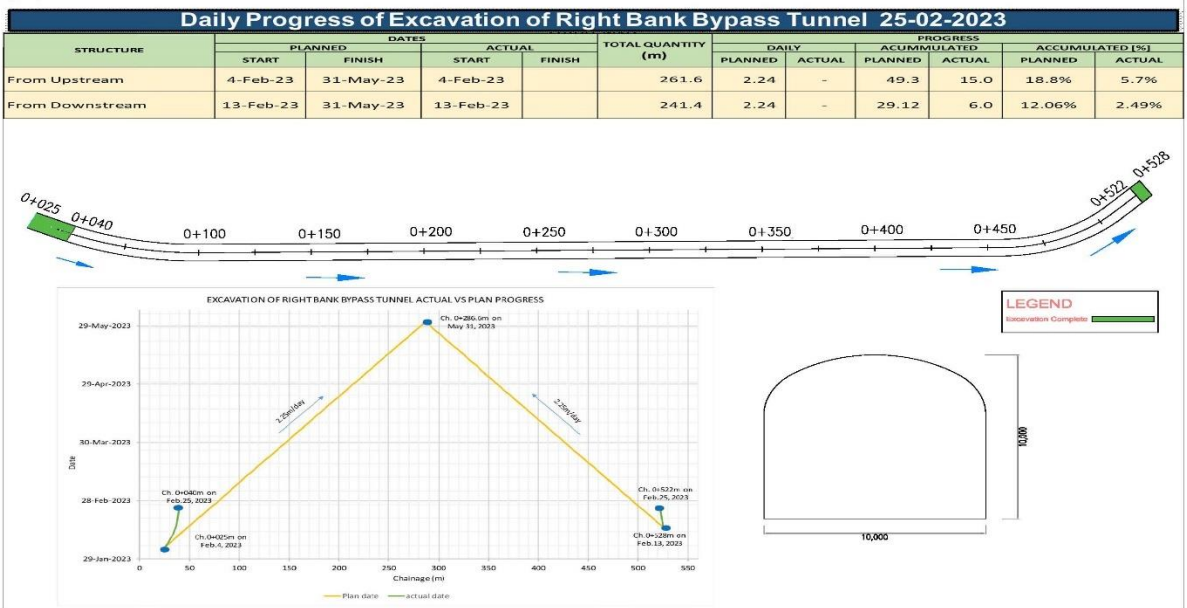
(4) Diversion Tunnel Outlet dyke Construction Works

- **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.
 - Outlet Dyke in front of DT.B was blasted on February 10, 2023.
- Demolishing of Diversion Tunnel Outlet Dyke for removal of water from Diversion Tunnel carried out during the month of September.

(5) Right Diversion Tunnel on the right bank

- 1st U/G Blast at Inlet carried out on February 4, 2023 at Ch. 0+025m and progress up to Ch. 0+040m (15m) till end of February.

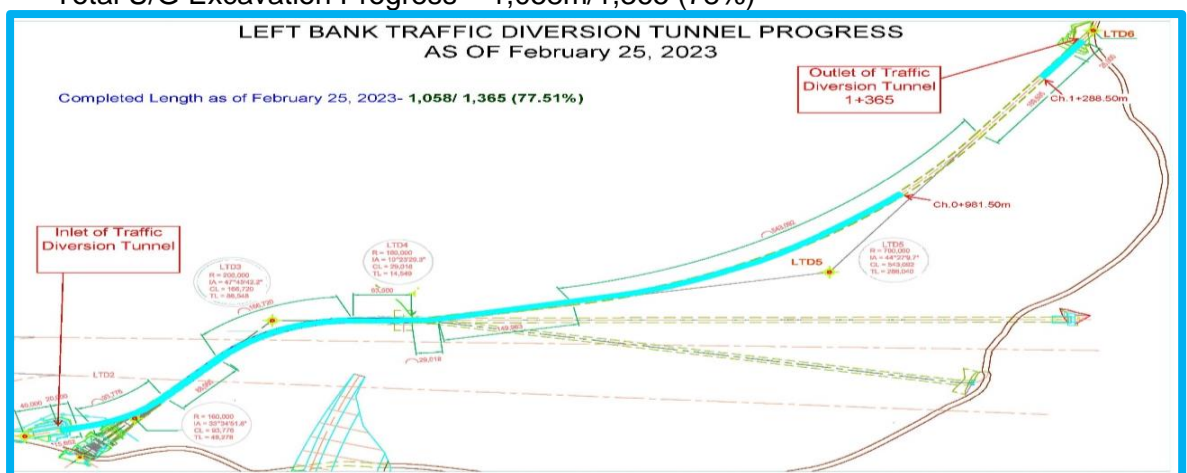
- 1st U/G Blast at outlet carried out on February 14, 2023 at Ch. 0+528m and progress up to Ch. 0+522m (6m) till end of February, 2022.
- Total underground excavation progress is 21m/ 503m (4%) till end of February, 2023.



- **Temporary facilities (Diversion tunnel Inlet side)**
 - Gabion protection for CR2 Road river side 100%
- **Temporary facilities (Diversion tunnel outlet side)**
 - Air supply station 100%
 - Power station 100%
 - Stone masonry for surface ditch on the EL. 785 Platform 100%

4.6.3.3 Left Bank Traffic Diversion Tunnel

- Underground Excavation from U/S started on April 1, 2021 and progressed up to 981.50m till end of February, 2023.
- Underground Excavation from D/S started on December 15, 2022 and progressed up to Ch. 1+288.50 (76.50m) till end of February, 2023.
- Total U/G Excavation Progress – 1,058m/1,365 (78%)



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- 70%
- D/S Temporary Access Road Construction- 79%
- Excavation and support of Right Bank Cable crane Platform above El. 1065m- 100%

4.6.4 Location wise Current Status of MW-01

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

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	Diversion 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 Nallah Water Inlet	Installation of water supply pipe until dam site 100% completed on June. Intake structure 100% completed on June.	Excavation for U/S & D/S abutment foundation remained continue during the month of February, 2023.	No bridge available for the local traffic		The Contractor (CGGC) shall be requested for construction of bridge if FWO refuse.
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 uchhar 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 uchhar Chinese Labor Camp remained continued during the month of October.			
6	Diversion Tunnel	1-1# Adit tunnel was completed on August 8, 2019. Adit Tunnel 1. Sedimentation pond started operation on October 15, 2019 1-2# Adit tunnel work started from 23 rd September and completed at 804.6 m on April 18, 2021. 2# Adit tunnel underground excavation finished at the end of May. Sedimentation pond operation was started on August 6, 2019. 3# Adit tunnel underground excavation completed on 2nd April 2020. 3-1# Adit tunnel underground excavation (244m) was completed on December 13, 2020. AdIT Tunnel No.3-2 - Adit Tunnel 3-2 (223m) started on November 28, 2022 and completed on February 6, 2023. Sedimentation pond operation was started on August 8, 2019. Retaining wall and backfill was completed during July. Diversion tunnel A Inlet Surface Excavation Excavation: 43,620/43,620m ³ (100%) open excavation completed at the end of December 2020. Diversion tunnel B inlet surface excavation Excavation: 41395/41395 m ³ (100%) open excavation completed at the end of December, 2020. Inlet dyke Concrete: completed on July 4, 2019. Temporary facilities (Diversion tunnel outlet side)	Diversion Tunnel Excavation of Diversion and Adit Tunnels 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. Underground Excavation of Diversion Tunnel Diversion Tunnel A Progress of the underground excavation of Diversion Tunnel A is summarized in the table below. The underground excavation of upper section (1 st layer) is completed and breakthrough was done on 23 rd September, 2020 at CH.0+995. ➤ The second bench excavation commenced on April 16, 2020 and completed till end of the June, 2021The excavated length is 1,491m/1,491m (100%) . ➤ The third bench excavation commenced on June 27, 2020 and completed on February 10, 2023 1,491m/1,491m (100%) . ➤ The fourth bench excavation commenced on October 16, 2020. It is also progressed from Adit Tunnel No.3 progress 1+445. The excavated length is 1,445m/1,491m (97%) . ➤ The 5 th layer for inlet section was started on December 08, 2020 and completed Ch. 0+061 till end of March, 2021. ➤ Overall Excavation volume progress for DT.A at the end of February, 2023 is 754,148m³/ 760,000m³ (99.23%) . Diversion Tunnel B - Underground excavation for Diversion Tunnel No. B was			

No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<p>Air supply station 100% Power station 100%</p> <ul style="list-style-type: none"> • Diversion Tunnel Outlet dyke Construction Works • Concrete Works: for DT-A 100% completed on June 11, 2021 • for DT-B 100% completed on June 13, 2021 • Reconstruction of DT Outlet Dyke- A Dyke completed on June 13, 2022 • Reconstruction of DT-B Dyke completed on June 6, 2022 <p>DT-A Outlet Structure Concrete Works</p> <ul style="list-style-type: none"> • Concrete Works: 1926m³ / 1926m³ (100%) completed on June 2nd, 2022. <p>DT-B Outlet Structure Concrete Works</p> <ul style="list-style-type: none"> • Concrete Works: 1829.20m³ / 1829.20m³ (100%) completed on May 9th, 2022. <p>DT.B Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> • 10,054m³ / 10,054m³ (100%) completed on 21st December, 2022. <p>DT.B Shear Zone Area</p> <ul style="list-style-type: none"> • Concrete Works: 9,004m³ / 9,004m³ (100%) completed on 16th December, 2022. <p>DT.B Inlet Structure Works (Outside)</p> <ul style="list-style-type: none"> • 17,941m³ / 21,600m³ (83%) completed till end of February, 2023. <p>DT.B Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> • 10,054m³ / 10,054m³ (100%) started on November 24, 2021 and completed on 21st December, 2022. <p>DT.B Invert Levelling Concrete (C20)</p> <ul style="list-style-type: none"> - L/S- 1,309m / 1,309m (100%) - R/S- 1,309m/1,309m (100%) <p>Started on January 24, 2021 and completed on January 29, 2023.</p> <p>DT.B 1m Invert Structural Concrete (A25)</p> <ul style="list-style-type: none"> - L/S- 1,163.52m / 1,163.52m (100%) - R/S- 1,163.52m/1,163.52m (100%) <p>Started on April 26, 2022 and completed on February 3, 2023.</p>	<p>started on May 30th, 2019 and completed on January 28, 2023. 623,515m³ / 623,515m³ (100%).</p> <p>Concrete Work of Diversion and Adit Tunnels</p> <p>Diversion Tunnel A</p> <p>Inlet Structure Works (Outside)</p> <ul style="list-style-type: none"> 15,268m³ / 21,515m³ (71%) completed till end of February, 2023. <p>Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> • Concrete Works: 8,451m³ / 10,054m³ (84%) completed till end of February, 2023. <p>Invert Levelling Concrete (C20)</p> <ul style="list-style-type: none"> L/S- 1,260m / 1,501.55m (84%) R/S- 1,330m/1,501.55m (89%) <p>1m Invert Structural Concrete (A25)</p> <ul style="list-style-type: none"> • L/S- 924m / 1,411.55m (65%) • R/S- 1,092m/1,411.55m (77%) <p>Outlet Structure Works</p> <ul style="list-style-type: none"> • Concrete Works: 1,926m³ / 1,926m³ (100%) completed on June 2nd, 2022. <p>Adit Plug Concrete</p> <ul style="list-style-type: none"> • Concrete Works: 891m³ / 1647m³ (54%) completed till end of February, 2023. <p>Progress of inlet structure concrete, concrete lining for shear zone and invert concrete are shown in figures below.</p> <p>Inlet dyke</p> <ul style="list-style-type: none"> - 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 DT.B Inlet Dyke. <p>(1) Diversion Tunnel Outlet dyke Construction Works</p> <ul style="list-style-type: none"> - 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. - Outlet Dyke in front of DT.B was blasted on February 10, 2023. - Demolishing of Diversion Tunnel Outlet Dyke for removal of water from Diversion Tunnel carried out during the month of September. 			
7	Left Bank Traffic Diversion Tunnel	<p>Upstream Surface Excavation for Inlet Portal- 100%</p> <p>Excavation of the Slope for Outlet- 100%</p> <p>Support of the slope for outlet- 100% completed on December 14, 2022</p> <p>Canopy tube drilling and installation- 100%</p>	<ul style="list-style-type: none"> - Underground Excavation from U/S started on April 1, 2021 and progressed up to 981.50m till end of February, 2023. - Underground Excavation from D/S started on December 15, 2022 and progressed up to Ch. 1+288.50 (76.50m) till end of February, 2023. - Total U/G Excavation Progress – 1,058m/1,365 (78%) 	Slow progress observed at U/G excavation.		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>Right side Abutment construction</p> <ul style="list-style-type: none"> - Foundation Grouting – 100% - Concrete placement – 100% 	In operation			

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<u>Left side Abutment construction</u> - Concrete placement – 100% - Bridge Installation- 100%				
9	Left Bank Abutment (Logro Area)	Excavation of the first layer of CR5-2 Road- 100% - Slope Excavation-100% - CR5 Pool Construction-100%	Left Bank Abutment - Excavation of the second layer of CR5-2 Road- 27% - Additional Berm excavation and support- 45%	Additional Berm excavation affected due to down side power intake work		The Contractor was instructed to manage and resume this work.
10	Right Bank Abutment (Siglo Area)	D/S Temporary Access Road Construction- 100% - Excavation and support of Right Bank Cable crane Platform above El. 1065m- 100%	Right Bank Abutment (Siglo Area) - U/S Temporary Access Road Construction- 70% - D/S Temporary Access Road Construction- 79% - Excavation and support of Right Bank Cable crane Platform above El. 1065m- 100% - Excavation and support of Right Bank Cable crane Platform slope El. 1065m to El. 1050m- 60% (Now El. 1054m)	Slow progress at Right Cable Crane excavation observed.		The Contractor was instructed to expedite this activity at every weekly progress meetings.
11	1# Batching Plant and 1# Crushing Plant at Uchar Area	▪ Civil and mechanical works completed for Batching and Crushing Plant at Uchar	1# Batching Plant and 1# Crushing Plant at Uchar Area - Stone Masonry for retaining wall- 97.80% - Aggregate Storage- 90% - Fencing Wall- 36% - Construction of generator house- 20%	Improper gradation of course aggregate (high %age of elongated & flakiness particles)		The Contractor was instructed to solve the gradation issue of the course aggregates
12	Diversion Channel on the Right Bank		Excavation of the River bed in front of DT. A & B Outlet remained continued during the month of February, 2023.			
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	- Pool Construction-100 - Prefabricated house hoisting- 100% - Chinese Canteen- 100% - Installation of precast fence- 100%	The construction of Kass Main Camp is in progress. The status of the construction is as follows. - Ground leveling for the Contractor's main camp-80.80% - Building foundation of the prefabricated house- 89.70% - Stone Masonry for Retaining Wall-68%	The Employer handed over 63% land to the Contractor. There is dispute in the remaining area at Kass.		The Employer is negotiating with the locals for early relocation of remaining Kass Area.
16	U/S Starter Dam	- Right & Left bank fill road to U/S coffer dam- 100%	Upstream Starter Dam - Backfilling of upstream starter dam-80% Cut-off Wall - Cut-off Wall Drilling started on December 24 th , 2022 from the right side and remained continued during the month of January-2023. Drilling progress achieved 955.80m /4,748.40m (20.10%) till end of February, 2023. - Concrete pouring for Cut off wall started on January 17, 2023 and progress is - 359m3/ 5820m3 (1.23%) till end of January, 2023 - Concrete pouring for the Guide wall of the Cut-off wall started on Dec 3 rd , 2022- 100m/122m (82%) completed till end of February, 2023.(From Ch. 0+122	Slow progress at cut off wall excavation		The Contractor was instructed to expedite drilling of cut off wall
17	Right Diversion Tunnel on the right bank	-	Right Diversion Tunnel on the right bank - 1st U/G Blast at Inlet carried out on February 4, 2023 at Ch. 0+025m and progress up to Ch. 0+040m (15m) till end of February. - 1st U/G Blast at outlet carried out on February 14, 2023 at Ch. 0+528m and progress up to Ch.			

No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
			0+522m (6m) till end of February, 2022. - Total underground excavation progress is 21m/ 503m (4%) till end of February, 2023..			
18	RCC Batching Plant at Siglo Area		Fence installation carried out at d/s edge of RCC Batching Plant during the month of February.	No leveling work started by the Contractor for RCC Batching Plant		The Contractor was instructed to start RCC Batching Plant work as soon as possible.
19	RCC Crushing Plant at Siglo Area		Work on construction of retaining wall for RCC Crushing plant remained continue during the month of February, 2023.			

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	Diversion Gates & Hoists	14 Apr 2022	Not yet submitted	N/A	N/A
VO-007	Permanent Access Roads and Construction Access Roads in Left Bank	1 September 2022	Not yet submitted	N/A	N/A

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	68.3	63.3	8.4	1.86	0.20	51.1	8.6

- Gantt chart and S-Curves of Dasu-MW-02 shown in Figure 18 and Figure 19

4.7.3 Major Activities of MW-02

The major construction activities undertaken during this month were:

4.7.3.1 Powerhouse Cavern

- Excavation for 2nd Bench had commenced on 25 Sep. 2022 from the central portion and completed on 28 November 2022 including both and Left side walls Enlargements.
- Installation of Rebar Mesh (Additional Support) and PS Tendon was in progress.

4.7.3.2 Transformer/GIS Cavern

- Excavation for 2nd Bench had commenced on 25 Sep. 2022 from the central portion and completed on 21 Nov. 2022 including both and Left side walls Enlargements.
- Installation of Rebar Mesh (Additional Support) was continued.
- Trail Test for PS Tendon with different bond length was completed in 11 Nov. 2023, and installation of PS Tendon was commenced on 23 Feb. 2023 and in progress.

4.7.3.3 Switchyard

- The surface excavation and support work on 5th bench slope (EL.959m to 943m) of both left and right side at was in progress.

4.7.3.4 Power Intake

- Protection fence was in progress (Ditch Excavation) Surface Excavation at EL.1000m to EL.972m.

4.7.3.5 LU1

- Slope protection works (wire mesh, shotcrete rock dowel) from Ch.0+070~0+240 was in progress.

4.7.3.6 CT2

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

4.7.3.7 Tailrace Tunnel No.1

- The excavation was commenced on 03-Feb-2023 from CT2 and 19-Feb-2023 from CT1 and excavation and Support works were in progress.

4.7.3.8 Tailrace Tunnel No.2

- The excavation was commenced on 15-Feb-2023 from CT1 and 21-Feb-2023 from CT2, and the excavation and support work were in progress.

4.7.3.9 CT1

- Excavation/Enlargement Junction with Transition/Tailrace and CT1 was started on 21st January 2023 and enlargement of CT1 section at both junctions were completed on 13-Feb-2023.

4.7.3.10 Service Tunnel B

- Excavation and support work were in progress.

4.7.3.11 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.

4.7.3.12 SCVAT 1 and SCVAT 2 Gallery

- No Activity due to poor ventilation and lighting.

4.7.3.13 Preparatory Works

(1) Khushi Labour Camp

- Khushi Labour Camp is completed in 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 Fence Platform was commenced on 27th of October 2021.

(3) Khushi Batching Plant:

- The Engineer informed the Contractor that the remaining part of LD7 (1.982ha) at Khushi area, where the new batching plant will be constructed, was handed over on 03rd March 2020 by letter on 3rd of March 2020.
- Contractor submitted document for new batching plant in Khushi on 19th of February 2020. The Engineer reviewed and replied with comments by letter 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.

4.7.3.14 Main Access tunnel

- Work progress of Main Access Tunnel completed on 30th. November.2020 (963.50 m in total, 100.00% of total length of 963.5 m).

4.7.3.15 Main Access Platform

- Gravity Wall Type A: 0 m³ (949 m³ in total, 94% of design volume).
- Gravity Wall Type C: 0 m³ (356 m³ in total)
- Leaning Retaining Wall Type III: 0 m³ (791 m³ in total, 89% of design volume).

4.7.3.16 Surge Chamber Vault Access Tunnel

- Excavation of Surge Chamber Vault Access Tunnel was started on 29 Dec 2019.
- Work progress of Surge Chamber Vault Access Tunnel in Oct 2022: 0.00 m (518.00 m in total, 97.7 % of total length of 530.0 m)
- Crown enlargement and support work Towards Galleries was in progress (August 2022)
- Bench Excavation and Support of SCVAT #1 Gallery was in progress (current chainage 0+67 m (25 Jan. 2023))
- Bench Excavation & Support of SCVAT #2 Gallery was in Progress (Current chainage 0+026 m (25 Jan. 2023))

4.7.3.17 Service Tunnel A

- Excavation of Service Tunnel A was started on 20 January 2020.
- Work progress of Service Tunnel A (567 m in total, 99.5% of total length of 569.73 m)

4.7.3.18 Service Tunnel C

- Tunnel excavation of Service Tunnel C commenced on 02 February 2020.
- Design Excavation was completed in the Month of Jan.2022.

4.7.3.19 GIS Room Access Tunnel

- The Engineer issued revised construction drawings for the GIS Room Access Tunnel on 24 Mach 2020.
- GIS Room Access Tunnel commenced on 01 March 2020.
- Work progress of the GIS Room Access Tunnel in Jan.2023: 00.0m (113m in total 98.9% of the total length of 114.18 m)

4.7.3.20 Service Tunnel B

- Tunnel excavation of Service Tunnel B commenced on 15th May 2022.
- Excavation was in progress, excavated chainage is 0+128.5m (38.86% of 330.64)

4.7.3.21 Exhaust Tunnel

- Exhaust Tunnel commenced on 14 March 2020.
- Completed except for Vertical Shaft (217.26 m in total 100% of the total length of 217.26 m).

- Exhaust Tunnel vertical shaft commenced on 26th October 2022.
- Excavation Completed of vertical shaft on 15th February 2023.

4.7.3.22 Underground Powerhouse

Crown Portion

- Excavation of Bench 1 of Crown Portion (Pilot Tunnel I-1) commenced on the 23rd of May 2020.
- Pilot excavation was completed.
- I-2 Enlargement was completed on 5th June 2022)
- I-3 Enlargement was completed on the 24th of March 2022)
- Total Excavation Volume of January 2022 is 66790.00 m³ of Total Powerhouse Cavern Excavation Volume of 378,570.46 m³ which is the progress of **17.64%** in total.
- Excavation for 2nd Bench (Central portion and Both Left /Right Side walls Opening) Commenced on 25 Sep. 2022.
- Support Work is in progress for the overall Crown Pilot Portion.
- PS Tendon Installation was in progress
- Excavation for 2nd Bench (Central portion II-1 and Both Left /Right Side walls Opening) of Powerhouse Cavern was Completed on 28th of November 2022.

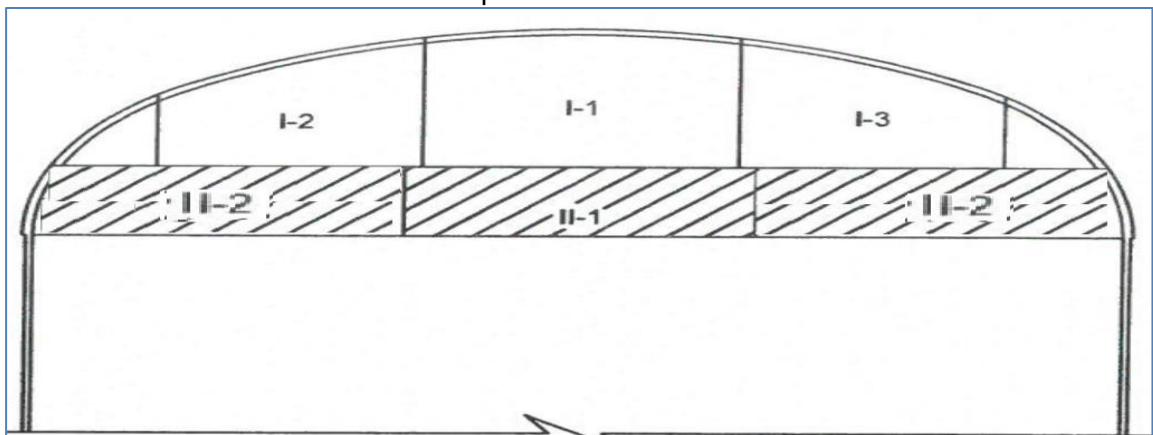
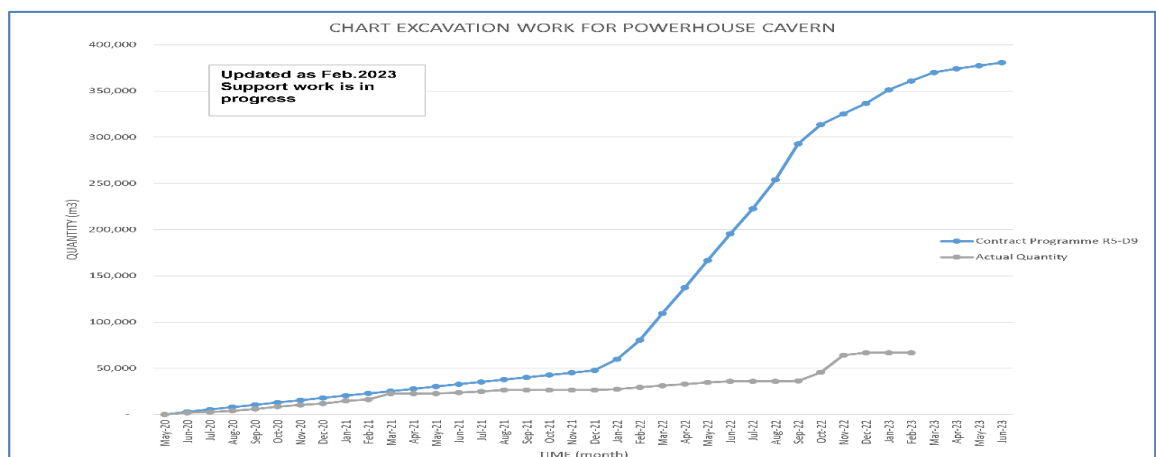


Figure: Section of Powerhouse Cavern 2nd Bench



- Excavation for 2nd Bench (Central portion and Both Left /Right Side walls Opening) Commenced on 25 Sep. 2022.
- Excavation for 2nd Bench (Central portion and Both Left /Right Side walls Opening) of Transformer Cavern was completed on 23rd November 2022.

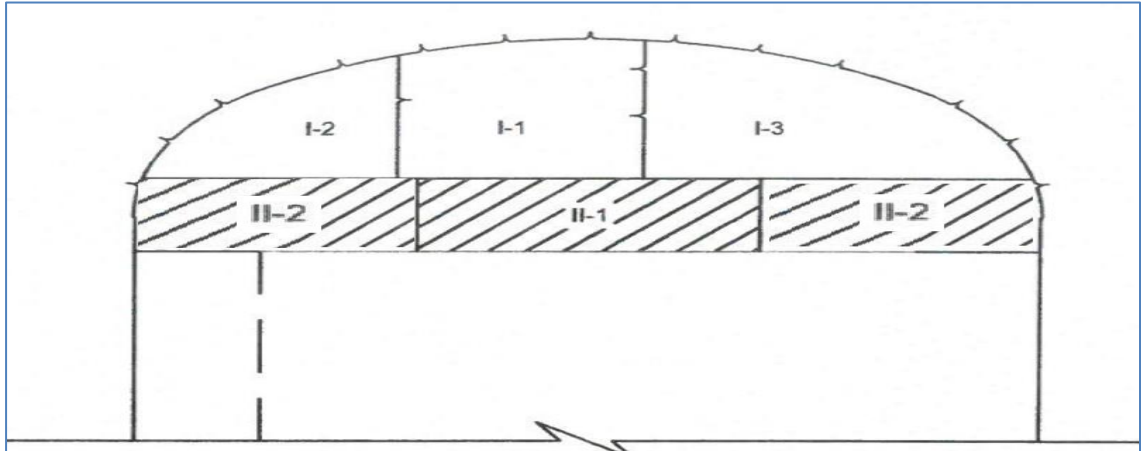


Figure: Section of Transformer/GIS Cavern Excavation 2nd Bench

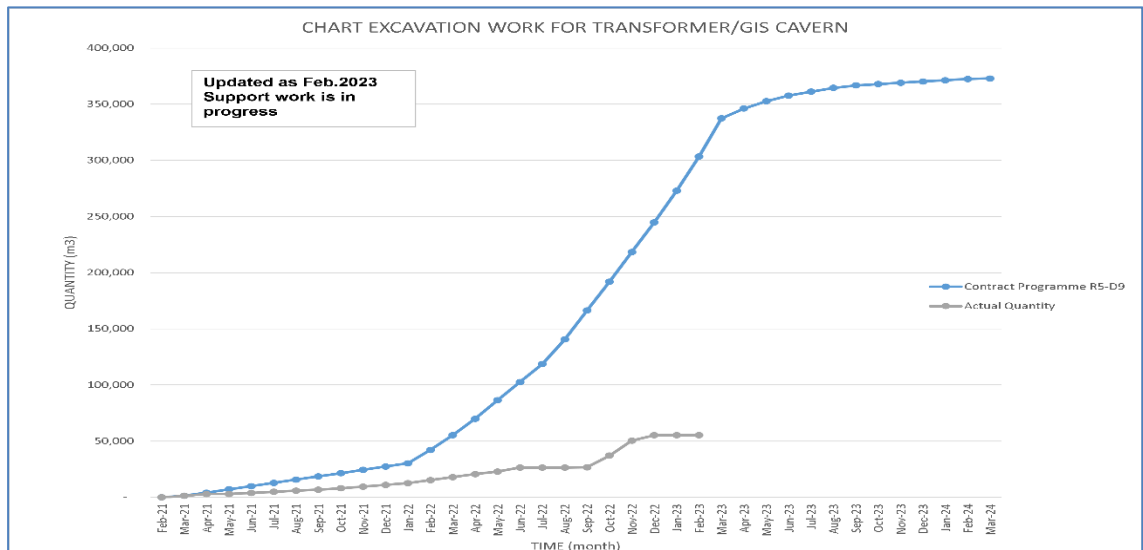


Figure: Work Progress of Transformer/GIS Cavern 2nd Bench Diagram

4.7.3.24 Drain Tunnel

- Drain Tunnel was commenced on 06 July 2019.
- Work progress of the Drain Tunnel in October 2022: 0.00m (924.50 m in total, 97.36 % of total length of 949.50m).

4.7.3.25 Connection Tunnel to Transformer Cavern

- Tunnel excavation was commenced on 23 April 2020.
- Tunnel has been completed on 11 May 2020.

4.7.3.26 Connection Tunnel to Powerhouse Cavern (From Exhaust Tunnel)

- Tunnel was commenced on 06 May 2020.
- Tunnel has been completed on 21 May 2020.

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

- Tunnel was commenced on 25 April 2020.
- Work progress of the Connection Tunnel in October 2022: 0 m (76.50 m in total, 99.19 % of total length of 77.12 m)

4.7.3.28 Penstock Adit Tunnel No.01

- Tunnel excavation was commenced on 12 November 2020.

- Penstock Adit Tunnel No.01 was completed on 06 May 2022: (55 m in total, 100% of total length of 55.55 m).
- Lower pressure Tunnel # 1 excavation was started 08/05/2022.
- Lower pressure tunnel # 1 Crown enlargement No Activity due shift of all resources to (MW-01) and Current Chainage is 0+47m January 2023)

4.7.3.29 Penstock Adit Tunnel No.02

- Tunnel excavation was commenced on 23 August 2020.
- Work progress of the Penstock Adit Tunnel No.02 in April 2022: 0.00 m (249.24 m in total, 100 % of total length of 249.24m).
- Tunnel design length has been achieved on 7 June 2021.
- Lowerpressure#2 Tunnel excavation was commenced (21/05/2022).
- Lower pressure tunnel # 2 Invert Cleaning and 921m³ Plug Concrete poured (Jan.2023).

4.7.3.30 Permanent Access Road LD 7

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

4.7.3.31 Switchyard

- EL.958m to EL.943m 4th Bench central Portion Excavation and mucking was in progress.
- El.935 Drilling for Boulder Blast.
- 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 October 2021.
- Engineer asked Contractor for Join Inspection to commence the activity at Switchyard area on 2nd December 2021.
- Demolishing of local houses / with self-resettlement has been in progress (December 2021) at Switchyard Area.
- Excavation of 1st, layer/Bench was started on 14 April 2022. (In Progress)
- A meeting was held regarding Boundary line of Switchyard and KKH Batching Plant.

4.7.3.32 Daywork Order in the reporting month

- Removing of Debris Material from Existing KKH Upstream of CR-9 Main Gate.

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 February 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	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	50.2	215.2	97.0	-	0.00	100.0	97.0

- The actual work progress of LBRV-11 has been updated according to the revised scope.
- Gantt chart and S-Curves of Dasu-LBRV-11 shown in Figure 20 and Figure 21

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.

- No activity.

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	Site handover		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	50.2	223.8	98.0	-	0.00	100.0	98.0

- The actual work progress of LBRV-12 has been updated according to the revised scope.
- Gantt chart and S-Curves of Dasu-LBRV-12 shown in Figure 22 and Figure 23

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	45.4	109.6	59.6	-	0.40	100.0	60.0

- The actual work progress of PCI-01R has been updated according to the revised scope.
- Gantt chart and S-Curves of Dasu-PCI-01 R shown in Figure 24 and Figure 25

4.10.3 Major Activities of PCI-01R

The major construction activities undertaken during this month were:

- Additional Door polishing in progress at project office building.
- Paint repairing in progress at project office.
- Roof treatment at residence cat-2C and 2D units in progress.
- Marble tile fixing for floor at cat -2D is in progress.
- Boundary wall construction at residence cat -2, cat -2A & 2B in progress.
- Kuphrail tile fixing on roof of resident CAT – 2D in progress.
- Sand filling in kitchens and bathrooms at residence cat-2C in progress.
- Ppr and plumbing work in bath rooms at residence cat-2B, 2C and 2D in progress.
- Tile fixing in bath rooms at residence cat -2C & 2D in progress.
- Electrician work at 2Band 2C in progress.
- Plumbing and bath room fixture at cat 2B, 2C in progress.
- Marble skirting at cat 2 is in progress.
- Rectification of bath rooms of cat -1 in progress.
- Block masonry at cat 3 and cat 4 is in progress.
- Plastering at residence cat -3 and residence cat-4 in progress.
- Form work and reinforcing fixing for the mumties of cat 3 and cat 4 is in progress.
- Electrical conducting at residence cat -3 and evidence cat -4 in progress.
- Plastering at hostel cat -2A & hostel cat -2B.
- External water supply from Indus River: excavation for the retaining wall in progress.
- Laying of water supply pipes in colony 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 Manhole cap covers along P1 road in progress.
- External boundary wall: block masonry and plastering in progress.
- At S5 road excavation for the water supply is 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 mumty 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.porcelian 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: Frmæ structure and block masonry completed. plaster completed</p> <p>Residence Cat-2D: Fram structure and block masonry completed. plaster completed</p> <p>Cat-3A:</p>	<ul style="list-style-type: none"> • Additional Door polishing in progress at project office building. • Paint repairing in progress at project office. • Roof treatment at residence cat-2C and 2D units in progress. • Marble tile fixing for floor at cat -2D is in progress. • Boundry wall construction at residence cat -2, cat -2A & 2B in progress. • Kuphrail tile fixing on roof of residen CAT – 2D in progress. • Sand filling in kitchens and bathrooms at residence cat-2C in progress. • Ppr and plumbing work in bath rooms at residence cat-2B, 2C and 2D in progress. • Tile fixing in bath rooms at residence cat -2C & 2D in progress. • Electrifiion work at 2Band 2C in progress. • Plumbing and bath room fixture at cat 2B, 2C in progress. • Marble skirting at cat 2 is in progress. • Rectification of bath rooms of cat -1 in progress. • Block masonry at cat 3 and cat 4 is in progress. • Plastering at residence cat -3 and residence cat-4 in progress. • Form work and reinforcnt fixing for the mumties of cat 3 and cat 4 is in progress. • Electrical conduiting at residence cat -3 and esidence cat -4 in progress. 			

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
		Frame structure completed except mummy Cat-3B: Frame structure completed except mummy Cat-3D: Frame structure completed except mummy Cat-4A: Frame structure completed except mummy Cat-4C: Frame structure completed except mummy P1 Road- RCC retaining Wall concrete, backfilling and stone masonry parapet wall is completed. concrete pavement completed. Hostel cat 2 A& 2B Frame structure completed .block masonry completed .plaster completed.	<ul style="list-style-type: none"> • Plastering at hostel cat -2A & hostel cat - 2B. • External water supply from Indus River: excavation for the retaining wall in progress. • Laying of water supply pipes in colony 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 Manhole cap covers along P1 road in progress. • External boundry wall: block masonry and plastering in progress. • At S5 road excavation for the water supply is 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	44.4	247.6	60.0	-	2.00	100.0	62.0

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

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

- Mosque structure work is in progress.
- RCC retaining wall construction in progress.
- Stone masonry breast wall in progress.

(3) Kuz Choochang Site Upper & Lower Portions

- Stone masonry retaining wall 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 November, 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 breast wall for slope protection, excavation of Relocated plots, retaining wall and excavation of Mosque retaining wall is completed.	-Mosque structure work is in progress. -RCC retaining wall construction in progress. -stone masonry breast wall 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	- Stone masonry retaining wall 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	33.4	54.7	6.5	0.44	0.40	15.6	6.9

- Gantt chart and S-Curves of Dasu-EM-01 shown in Figure 28 and Figure 29

4.12.3 Major Activities of EM-01 (Civil Works)

4.12.3.1 Preparatory Work

- Land was handed over on the 9th of April 2022.

4.12.3.2 Construction Activities

(1) Excavation:

- Excavation of Terrace No 11 and Terrace No. 15 in Progress.

(2) Boundary Wall:

- Excavation from CP14 to CP15 in Progress
- Lean concrete from CP14 to CP15 in Progress
- Block masonry/ Plinth Beam (RCC) CP5 to CP6 in Progress.
- Block masonry/Plinth Beam (RCC) was in progress: CP14 TO CP15 was in progress.

(3) Retaining Walls/Stone Masonry

- Excavation of Terrace No 8, 11, 12 and 15 in Progress
- Compaction of Terrace No 8, 11, 12, and 15 in Progress.
- Lean Concrete of Terrace No. 8, 11, 12 and 15 in Progress
- Stone Masonry of Terrace No 8, 11, 12 and 15 in Progress

(4) HSE Work:

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

(5) Watch Towers:

- Excavation for watchtower was in progress.
- Foundation Concrete and Concrete Structure was under construction.
- Block Masonry Completed: Nil

(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 Jan 2023	Total Fill Volume M ³ Jan 2023	Cut Volume M ³ in Jan 2023	Fill Volume M ³ In Jan 2023	Cut (%)	Fill (%)
Kass Camp/ Civil Work	89,441.9	58,176	74536.05	57580	6033	0.00	83.33	99.6

Volumetric cut and fill. (83.33 / 99.6)

4.12.4 Equipment Detail

S/No.	Description	Type	Quantity	Remarks
1	Excavator Volvo	Tyre	01	
2	Excavator Hitachi	Chain	01	
3	Excavator Hitachi	Chain	01	
4	Excavator Doosan	Chain	01	
5	Dozer	Chain	01	
6	Tractor	Tyre	02	
7	Water Bowser	Tyre	02	
8	Concrete Mixer	Automated	02	
9	Pick up	Suzuki	02	
10	Car	Corolla	01	
11	Dumper	Tyre	01	
12	Transit Mixer	Tyre	01	
12	Lifter Machine	Tyre	01	
14	Total Station	Nikon	01	

4.12.5 Workforce

B	Manpower		
1	Site Manager		01
2	Civil Engineer		02
3	Site Supervisor		01
4	Forman		02
5	Surveyor		01
6	Survey Assistant		01
7	Excavator Operator		04
8	Excavator Operator Helper		02
9	Dozer Operator		01
10	Driver		04
11	Skilled Labor		17
12	Unskilled Labor		30
13	Watch Man		04
14	Flagman		01

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	Submitted To Wapda			Payments Received From WAPDA *				
			JPY	EURO	PKR	Date	JPY	EURO	PKR	
Sr. No.	Inv. No.	Description	Date	JPY	EURO	PKR	Date	JPY	EURO	PKR
				3,765,402,844	8,628,984	2,726,702,454				
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
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
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		
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	48,307,466	278,906	33,084,204
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					
141	090S to 096S	From January 2022 to July 2022 Supplementary	JPY & EURO 13.12.2022	52,760,915	69,748					
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			45,277,322
144	Supplementary Invoice	Jan-17,Dec-20,Jan21,Nov-21 & From Jan 2022 to Oct 2022	PKR Remuneration 18.01.2023			18,160,031				
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	54,272,041	205,494	47,050,546				
147	102	Jan-23	PKR Remuneration 15.02.2023 & JPY & EURO 23.02.2023	49,237,704	236,368	48,001,484				
148	103-A	Uchar Nullah Catchment Study by GMRC	PKR Reimbursable 17.02.2023			11,525,000				
149										
Total				3,744,138,202	11,605,549	5,464,182,777		2,593,448,135	8,549,256	3,869,147,322

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	Ucher 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	Ucher 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	Add Land Grid Station Chuchang	2020-21	721,071
353	03/11/2020	Kaegah Quarry 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 Reservoir 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 Reservoir	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 Quarry 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	Bailey 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	Milar 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	Milar 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	Milar 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	Milar 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

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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 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	8	19	0	0	0	0	19
KKH-02	1	0	1	2	0	0	0	0	2
RAR-01	1	8	4	13	0	0	0	0	13
RAR-02	0	1	3	4	0	0	0	0	4
132kV TL	3	1	0	4	0	0	0	0	4
MW-01	2	50	6	58	0	1	1	2	60
MW-02	1	18	4	23	0	0	0	0	23
LBRV-11 &12	2	1	1	4	0	0	0	0	4
PCI-01R	3	8	1	12	0	0	0	0	12
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	15	108	31	154	0	1	1	2	156

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	0	0	0	0	0	0	0	0	0
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
LBRV-11 &12	0	0	0	0	0	0	0	0	0
PCI-01R	0	0	0	0	0	0	0	0	0
Dasu-RV	0	0	0	0	0	0	0	0	0
LADP-IKAN	0	0	0	0	0	0	0	0	0
LADP-RHC	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	3	4	1	8	0	0	0	0	8

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	13	30	0	0	0	30
KKH-02	0	2	2	0	0	0	2
RAR-01	4	3	7	0	0	0	7
RAR-02	0	1	1	0	0	0	1
132kV TL	0	2	2	0	0	0	2
MW-01	6	18	24	1	1	2	26
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	6	9	0	0	0	9
Total	35	59	94	1	1	2	96

6.1.1 Description of Incidents/Accidents (Work Related)

Date of Incident	Location	Activity	Contract	Description of Incident	Category	Body Parts Effected	Reporting/ Corrective Action	Status
10 th Feb, 2023	Right Bank Access Road Siglo	Clearing of road	MW01	A land sliding occurred at access road at about 8:30am leading to starter dam cut-off wall site. The Contractor assigned a loader to clear the access road but the loader got entrapped at 10:50am when a second slide occurred. The Contractor then assigned chain excavator to clear the debris. After that a mobile crane was setup to recover the loader by lifting it out of slide. While trying to lift the loader, crane outrigger sank and it toppled over at 2:20pm. The loader operator was rescued unharmed whereas the crane operator sustained injury to his left hand and pain in neck and shoulders.	LTI	Hand injury	RCA under review	Open
18 th Feb, 2023	Siglo Cofferdam Cut-Off Wall	Removal of drill rod	MW01	On February 18 th 2023 at about 3:40am, a Chinese worker was removing a drill rod from machine, it fell and hit his left hand injuring his thumb and pointing finger.	MTC	Hand/ Finger injury	RCA and CAP awaited	Open

6.1.2 Description of Incidents/Accidents (Machinery Damage)

Date of Incident	Location of Incident	Contract	Description of Incident	Category	Corrective Action	Status
10 th Feb, 2023	Right Bank Access Road Siglo	MW01	A land sliding occurred at access road at about 8:30am leading to starter dam cut-off wall site. The Contractor assigned a loader to clear the access road but the loader got entrapped at 10:50am when a second slide occurred. The Contractor then assigned chain excavator to clear the debris. After that a mobile crane was setup to recover the loader by lifting it out of slide. While trying to lift the loader, crane outrigger sank and it toppled over at 2:20pm. The loader operator was rescued unharmed whereas the crane operator sustained injury to his left hand and pain in neck and shoulders	Major	RCA under review	Open
21 st Feb, 2023	CR02 Batching Plant	MW01	On 21 st February 2023 at about 8:35 pm, a dump truck was parked sideways on the inclined road by driver for unloading material at batching plant. During unloading the dump truck toppled. The driver was rescued safely and remained unharmed. The dump truck was recovered with minor damage.	Minor	NA	NA

6.1.3 Description of Incidents (Fire)

Date of Incident	Location of Incident	Contract	Description of Incident	Category	Corrective Action	Status
17 th Feb, 2023	Kass Camp	MW02	On 17 th February 2023 at about 10:45 am, water proofing team was engaged in installation of roof membrane and insulation at the roof of the FC block. Heat torch fueled by LPG was used to heat the roof membrane while insulation material was placed at the same location of installation later. During the heating process the insulation material caught fire burning all the material. No injury was reported in the incident.	Fire	NA	NA

6.1.4 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	309	450	107	971	49	1763	1699	213	108	270	95	6024	
Number of Staff/Workers during running year (Annual)	711936	950016	23424	790848	100992	2719104	2536896	371136	147264	291456	63744	8917632	
No. of Recordable Injuries & Illness (RI) Monthly	0	0	0	0	0	2	0	0	0	0	0	2	
No. of Recordable Injuries & Illness (RI) during running year	0	2	1	3	1	14	7	2	4	2	0	36	
Incidence Rate (TRIR, during running year) *	0	0.42	0.85	0.75	1.98	1.02	0.55	1.07	5.43	1.37	0	0.8	0.8 ¹¹
Fatality Case Monthly	0	0	0	0	0	0	0	0	0	0	0	0	
Fatality Case (FAT) during running year	0	0	0	0	1	0	1	0	0	1	0	3	
Fatality Frequency Rate (FFR) during running year	0	0	0	0	1.98	0	0.07	0	0	0.68	0	0.06	
Lost time injuries (LTI) Monthly	0	0	0	0	0	1	0	0	0	0	0	1	
Lost time injuries (LTI) during running year	0	2	0	2	0	11	6	2	1	0	0	24	
LTIFR Frequency Rate (LTIFR during running year)**	0	0.42	0	0.5	0	0.8	0.47	1.07	1.35	0	0	0.53	0.5 ²
First-Aid Cases (FAC) Monthly	0	0	0	5	0	0	1	2	0	0	0	8	
First-Aid Cases (FAC) during running year	0	0	0	22	3	13	11	9	0	2	0	60	
FAC frequency rate (FACFR, during running year)	0	0	0	5.56	5.94	0.95	0.86	4.84	0	1.37	0	1.34	
Medical Treatment Cases (MTC) Monthly	0	0	0	0	0	1	0	0	0	0	0	0	
Medical Treatment Cases (MTC) during running year	0	0	1	1	0	3	0	0	3	1	0	9	
MTC frequency rate (MTCFR, during running year)	0	0	0.85	0.25	0	0.22	0	0	4.07	0.68	0	0.2	
Near-miss Incidence (NMI, monthly)	0	0	0	3	0	1	0	3	0	0	0	7	
NMI Investigated & corrective actions taken	0	0	0	3	0	1	0	3	0	0	0	7	
% NMI closed	0	0	0	100	0	100	0	100	0	0	0	100	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	4	0	7	7	0	0	0	0	18	
No. of AFI approved	0	0	0	2	0	7	7	0	0	0	0	16	
No. of OHS EI issued by DHC	0	0	0	0	0	0	0	0	0	0	0	0	
NO of EI Closed	0	0	0	0	0	0	0	0	0	1	0	1	
% of OHS EI closed	0	0	0	0	0	0	0	0	0	0	0	0	
No. of OHS Training	0	2	5	27	3	3	5	2	3	3	0	53	
Training (No. Attendees)	0	2	51	223	40	76	204	21	33	101	0	751	
No. of OHS NCR issued	0	0	0	1	1	1	0	0	0	0	0	3	
No. of OHS NCR closed	0	0	1	0	0	0	2	0	0	0	0	3	
% of NCR Closed	0	0	0	0	0	0	0	0	0	0	0	100	
No. of Toolbox Talks (TBT) by Contractors	0	0	31	70	23	448	448	9	52	145	20	1246	
TBT Participants of Contractors	0	0	481	458	210	3584	3584	67	416	1310	821	10931	
No of OHS walk-through-Inspections by													

Metrics	PMU	DHC	RAR-01	KKH-01	TL-01	MW -01	MW-02	PCI-01	RAR-02	KKH-02	EM-01	DHPP Total	Target
Contractor Management/ Senior Staffs	0	0	0	14	0	5	5	5	5	2	1	37	
DHC Management/ Senior Staffs	0	0	0	1	0	0	0	0	1	1	0	3	
DHC Supervisors	0	0	1	6	1	8	8	1	2	3	1	31	
Contractor Supervisors	0	0	1	198	1	28	28	7	28	195	5	491	
Unsafe Acts identified by DHC	0	0	1	11	0	46	26	0	1	7	2	94	
Unsafe Conditions identified by DHC	0	0	2	63	6	119	83	11	1	26	3	314	
No of Joint Inspections Conducted	0	0	0	1	1	1	1	1	1	1	0	7	

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: March 2022 to February 2023 is the running Year (Annual) for the reporting month February 2023

6.2 Safety Performance

In February 2023, 1 LTI, 1 MTC and 8 first aid cases and 7 near misses were reported in this reporting month.

6.2.1 Injuries and Illness Performance

Total recordable injury and illness during the reporting month were 1 LTI, 1 Medical Treatment Case. All recordable incidents were reported from MW-01. Therefore, running year TRIR and LTIFR of DHPP (March 2022 to February 2023) are estimated as 0.8 and 0.5, respectively.

6.2.2 Unsafe Condition, Unsafe Act and Near-Miss

During inspection by DHC, 94 unsafe acts, 314 unsafe conditions and 13 good practices were identified during the reporting month. Most of UA, UC are associated with MW-01, MW-02 and KKH01 contracts.

Following graph presents contract wise unsafe acts, conditions, and good practices during the reporting month.

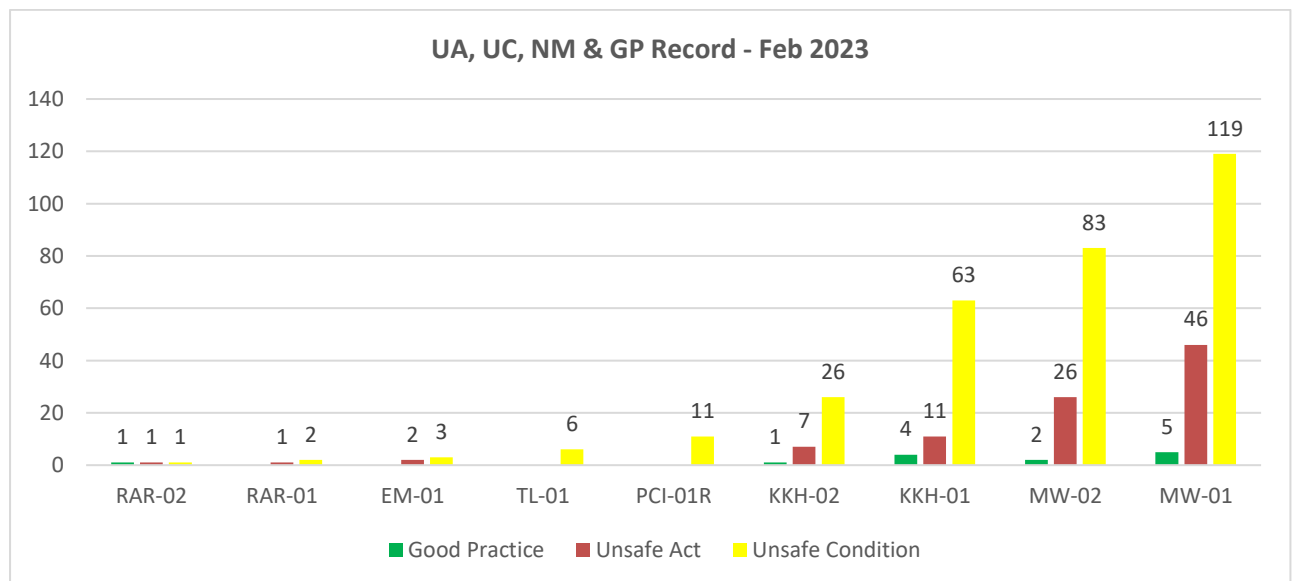


Figure 1: Contract-wise unsafe acts, conditions, and good practices

6.2.3 Monthly OHS Progress Review Meeting

Following table presents the overall status of the monthly OHS Progress Review Meeting agenda items closure for February 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 in February-23				
		Total	Open	Partially closed	Closed	New Items added
1	MW-01/02	26	11	0	3	12
2	RAR-01	12	1	0	3	8
3	RAR-02	16	5	0	3	8
4	KKH-01	24	4	0	6	14

Sl.	Contract	OHS MoM Status in February-23				
		Total	Open	Partially closed	Closed	New Items added
5	KKH-02	21	9	0	4	8
6	PCI-01(Ref. Jan 2023)	9	1	1	4	3
7	TL-01	16	7	0	2	7
8	EM-01	19	0	0	0	19
Total		143	38	1	25	79

6.2.4 Status of NCRs

The contract-wise status of NCRs can be seen in Table 6.3.

Table 6.3: Status of NCRs since commencement of Project

Contracts	Previous Open	Open in April	Previous Closed	Closed during reporting month	Total
KKH-01	1	1	6	0	8
RAR-01	0	0	6	1	7
TL-01	1	1	2	0	4
MW-01/02	1	1	44	2	48
PCI-01R	2	0	15	0	17
LBRV-11/12	0	0	2	0	2
RAR-02	1	0	2	0	3
LADP SA-01	1*	0	0	0	1
LADP JMK	0	0	1	0	1
Total	7	3	78	3	91

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

OHS team of DHC conducted four 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 enhancement measures and continue good practices at sites. The summary of joint inspection is presented in the Table below.

Sl. No	Contract	No. of Joint Inspection by DHC, WAPDA & Contractors	No. of Joint Inspection by DHC & Contractors	Total
1.	MW-01/02	0	2	2
2.	RAR-01	0	0	0
3.	RAR-02	1	1	2
4.	KKH-01	1	1	2
5.	KKH-02	1	1	2
6.	PCI-01	0	1	1
7.	TL-01	0	1	1
8.	EM-01	0	0	0
Total		3	7	10

In the reporting month 10 joint inspections were conducted at different contracts and locations. Outcome of joint inspections reports were prepared and shared with tripartite. The Concerned contractors were directed to rectify the observations within given time frame. Detail reports of each inspection was recorded for follow-up rectifications

6.2.6 Training and Capacity building:

6.2.6.1 Training Offered by DHC OHS Staff

Training is a key element in construction projects to enhance a practical skill or behaviour of workforce in order to obtain optimum result and to prevent hazards, its associated risk and accidents/fatalities at workplace. This practice gradually increases the individual level of self-awareness, proficiency skill and motivation to perform his 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 is described below:

Sl. No.	Trainings arranged by DHC				
	Date of Training	Subject of Training	Trainer	Target Group	No. of Participants
1.	February 01, 2023	Induction Training	Mr. Murtaza Nazir Sr. F. OHS Professional	DHC New Employee	1
2.	February 25, 2023	Induction Training	Mr. Murtaza Nazir Sr. F. OHS Professional	DHC New Employee	1
Total					02

6.2.6.2 Training Offered by Contractors

Details of trainings offered by the Contractors are presented below:

Sl. No	Contract	Number of Trainings during Feb-23	No. of Participants
1.	RAR-01	5	51
2	RAR-02	3	33
3	KKH-01	0	0
4	KKH-02	3	101
5	TL-01	3	40
6	MW-01	3	76
7	MW-02	5	204
8	PCI-01	2	21
9	EM-01	0	0
Total		24	526

6.2.6.3 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 Feb-23	No. of Participants
1.	RAR-01	31	481
2	RAR-02	52	416
3	KKH-01	97	681
4	KKH-02	145	1310
5	TL-01	23	210
6	MW-01	448	3584
7	MW-02	448	3584
8	PCI-01	9	67
9	EM-01	20	821
Total		1273	11154

6.2.7 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 December-22		Total Inspection Conducted During Reported Period														Total Inspections Conducted till January-23	
	Approved	Seized	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		
KKH-01	21	10															21	10
KKH-02	31	5			1		1	1						3			36	6
RAR-01	30	6	8	3													38	9
RAR-02	1	1															1	1
132kV TL	18	3															18	3
MW-01	13	3			3	2	2								1	1	19	6
MW-02	93	13	2	2	1		1								1		98	15
LBRV-11/12	0	0															0	0
PCI-01R	14	0															14	0
EM01	10	1															10	1
LADP-IKAN	0	0															0	0
LADP-KGL	0	0															0	0
DHC	76	13	33	8									3	0	2	1	109	21
Total	307	55	43	13	5	2	4	1	0	0	0	0	3	0	2	1	364	72

6.2.8 Covid-19 Cases

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

Sl.	Organization	Number of Employees	Previous Cumulative Positive Cases till Date (A)	Positive Cases Reported this Month (B)	Total Number of Deaths till Date	Cumulative Positive Cases till Date (A+B)
1.	WAPDA	309	13	0	1	13
2.	DHC	450	84	0	0	84
3.	MW-01 and MW-02, KKH-02, RAR-02	3840	124	0	0	124

Sl.	Organization	Number of Employees	Previous Cumulative Positive Cases till Date (A)	Positive Cases Reported this Month (B)	Total Number of Deaths till Date	Cumulative Positive Cases till Date (A+B)
4.	KKH-01 & RAR-01	1078	24	0	0	24
5.	PCI-01R	213	16	0	0	16
6.	TL-01	49	0	0	0	0
7.	EM-01	95	0	0	0	0
8.	Total	6034	261	0	1	261

6.3 General

6.3.1 High-Level OHS Management

The International Environment Advisor B/ OHS Expert has been supporting the field team in the following matters:

- 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 meeting:
 - OHS coverage's in PCI-02 bidding documents.
 - Spoil management in KKH-02 and recommendations for preventive measures
 - Camp facilities for Pakistani workers of MW-01 and MW-02 and improvements
 - Non-compliances in CCECC tunneling operations (K4 and K9)
 - Water diversion milestone on February 18, 2023 and the celebration
 - Access control at starter dam, recommendations made for establishing lookout/selfie points for the communities and travelers to prevent trespassers in the worksite.
 - World Bank Mission (February 27-28, 2023) outcome.
- Reviewed and edited January 2023 monthly report,
- Reviewed MS 386 and MS391 for Removal of Loose Materials and Material Haulage of KKH-02 and MS of Starter Dam.
- Reviewed drawings of dump truck remodeled to be used as a mobile scaffold, and
- Reviewed revised bidding documents of PCI-02 and provide inputs in OHS provision.

6.3.2 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.

6.3.3 OHS Underground Works

International OHS Specialist (Underground Works) had no involvement 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 4,781 acres has been awarded / acquired by the end of February 2023. It includes 729 acres of land (Batch-1) awarded before ECNEC decision (November 2019), as well as, 12 acres of land acquired for main works through direct payments to PTDC and FWO departments, while 4,052 acres of land was acquired after ECNEC decision (after November 2019). The land awarded after ECNEC decision; includes, 395 acres land acquired through compulsory acquisition and 3,630 acres land acquired under private negotiation. A total of 129 acres land was acquired during the reporting month, however preparations for acquiring remaining land (257 acres) remained in progress. In this regard, series of meetings were held with the Deputy Commissioner and Land Acquisition Collector, Kohistan Upper. The World Bank Team also visited DHPP during the reporting month and detailed meeting held with the Deputy Commissioner and LAC to expedite the acquisition of remaining land. The target date for acquiring all remaining which was fixed as 5th of February 2023 rescheduled to 31st March 2023 depending upon the resolution of Shatial issue for which the Deputy Commissioner has already notified a commission to review their grievances. Batch-wise land acquisition status by 28th February 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 1,509 acres (98%) of the acquired land has been taken over. The acquisition of remaining land is under process.
Batch-4	981	981	–	Possession of 100% land has been taken over by WAPDA.
Batch-5	817	597	220	Acquisition of remaining land is under process. The possession of 471 acres (79%) of the acquired land has been taken over by WAPDA.
Total	5,038	4,781	257	The possession of 4,647 acres (97%) 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 Diamir making the total land to 5,692 acres.

7.1.2 Status of Compensation Payments

By the end of February 2023, a total amount of PKR 19.43 billion was paid, including PKR 19.09 billion to 7,924 PAPs through 11,730 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 upto 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	7889	11693	19.07	35	37	0.020	19.09

During February 2023, an amount of PKR 17,365,771/- was paid as compensation payment to 35 PAPs of 12 components. A total of 37 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	Bailey Bridge Gumoo-02 Right side	10	11	8,586,769
2	Barseen/Komah Bailey Bridge Right Bank (Area-2)	1	1	1,745,985
3	Jhali Nullah to Kuma Nullah	2	2	1,115,872
4	KKH-02 Addl Land (Kaigah to Awai) Area-2 (A)-I	1	1	27,197
5	KKH-02 Kaigah to Awai Area-1 (A)	1	1	562,490
6	KKH-02 Kaigah to Awai Area-1 (B)	1	2	201,983
7	KKH-02 Looter	9	9	196,029

S. No.	Component	PAPs	Cheques	Amount
8	KKH-02 Looter to Shukrait Nallah Area 1B (II)	4	4	652,300
9	Komila Bypass File -03 (Part 1 & 2)	3	3	342,982
10	Natbail to Bair Kandia Reservoir Area	1	1	476,863
11	RAR-02 (Komah)	1	1	2,359,691
12	WAPDA Offices & Colony at Chuchang	1	1	1,097,610
	Total	35	37	17,365,771

7.1.3 Land Revenue Survey:

No Survey was carried out during the month of February 2023.

7.1.4 Cost Assessments and Verifications

Verification of cost estimates continued during the reporting month and verification of only one remaining components was completed and submitted to WAPDA for transfer of funds to LAC designated account. The details of cost assessments are given in Table below:

S/N	Component	Received on	Submitted On	Amount
Built-Up Property				
1	Dogah End point to Gayal Nullah File-1	02.02.2023	06.02.2023	26,492,5063.00

7.1.5 Draft Sections/Corrigendum issued.

No sections/corrigendum issued during the month of February 2023

7.1.6 Meeting of Compensation Disbursement Committee (During the Reporting)

No CDC meeting was held during the month of February 2023

7.1.7 GIS Verification

In the month of February 2023, there is no pending GIS verification of any component. However, GIS Team remained engage in replying the applications of AHHs received from DC Office through WAPDA as well as preparation of the court cases and attended courts along with the relevant documents for justifying their position.

7.1.7.1 Court Cases:

Received Notice/Summon from Senior Civil Judge against DHPP GIS section, prepare data accordingly (Revenue data, GIS based Satellite images, GIS certificates) of many components and appear in Session, Civil and Senior Civil Courts.

Sr. No.	Case No.	Component
01	Case No. 140 (Ismail Group)	Dogah End Point to Gayal Nallah File-1
02	Case No. 60 (Sher Khan Group) "KotGal-2 Reservoir Area-2"	Appeared in Sr. Civil Judge court with record but applicant was absent dated 21-02-2023. Next hearing was 28-02-2023, but GIS team could not attend court due to Shatial Harban area officially visit with line department.
03	Case No. 66 (Rehmat Wali Group)	Dogah End Point to Gayal Nallah File-1
04	Case No. 31 (Sher Khan Group)	KotGal-2 Reservoir Area-2
05	Case No. 17 (Sera Jan Group)	Siglo-2 File-3
06	Sadaqat Shah and Sultan Dom	Dogah End Point to Gayal Nallah File-1 Appeared in Court dated 25-02-2023 with record. Applicant was absent, now next date is 8-03-2023.

7.1.7.2 Other Activities Carried Out by GIS Team:

- Prepared security plan map for installing security equipment's at all residential facilities, contract camps, WAPDA office colony, and all ongoing project work areas.
- Prepared all project facilities (Contact camps, working sites, Existing KKH, Relocated KKH, RRA-01, RAR-02, WAPDA and Consultants offices, Residential facilities) for Emergency response for Security department of WAPDA, Pakistan Army and District Quick response Unit.
- Prepared Schematic diagram of all DHPP components with distances from WAPDA officer colony.
- Prepared map of proposed locations of Mosque at Seer Gayal Village with RRA-02, Dogah End Point to Gayal Nallah- 1 component boundary for Chief S & R.
- Prepared map of existing Education facilities in Upper Kohistan project area and planning map of proposed locations for education facilities for Chief S&R.
- Meeting with AC Dasu for planning to visit of Shatial Harban area with all line departments.

- Prepared GIS data based on revenue record and GIS based maps of all Shatial and Harban area (11 Components).
- Prepared status sheet of all revised/verified land acquisition components (from LAC, from DHC, community application-based visits) for presentation to Chairman WAPDA, World Bank team and Commissioner Hazara Division.
- Prepared maps of Transmission lines where 175 KVA & 11KVA overlap/intersect for the reply of letter from NTDC.
- Prepared location map at KKH-01, KKH-02 of electric poles of 11 KVA line for tunnel power management station.
- Prepared land handed over map to Main works contractor of Kass area.
- Prepared comparison drawings without structure alignment with new structure and tunnel alignment of relocated KKH-02.
- Relocated KKH-02 Bridges, tunnels and alignment revised according to CPEC suggested alignment, prepared drawings, Plan, Profile and Sections.

7.1.7.3 Location maps & Data for ESMR:

GIS Team also prepared maps of listed below components for ESMR with GIS based revenue data:

- i. Sazeen Das Reservoir Area-2
- ii. Sazeen Das Reservoir Area-1
- iii. Pani Bah Reservoir Area-2
- iv. Milar to Dogah Nallah File-2
- v. Tailrace Add. Area-2 at Kuz Chuchang
- vi. Milar Reservoir area
- vii. Uchar logro Reservoir area-2
- viii. KotGal-2 reservoir area
- ix. Natbail to Bair Kandia reservoir area
- x. Summer Nallah Access Road
- xi. Summer Nallah Dumping area Household
- xii. Summer Nallah commercial structures
- xiii. Shuri Nallah Dumping area Household
- xiv. Shuri Nallah commercial structures

7.1.8 Status of Land Lease of Kass

On an overall, about 87% of Kass Area has been taken over by WAPDA. 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 taken over and handed over to E&M and CGGC contractors. However few houses with disputed title ownership are still to be paid lease amounts and relocation is delayed. Status of various components of Kass in term of payments and land handover by the end of reporting month is as under:

a) Kass Area-1/File-1 (413K-14M-03S)

- All 83 beneficiaries of Kass have signed the agreement and have received the advance (3-months land lease rent + 10% of the BUP Value) as well as the remaining cheque of remaining amount (57-months land lease rent + 90% of the BUP Value).
- Almost all houses have been demolished except few which are disputed (0.25 acres). Possession of 01 lesser (16 Marla Area) has recently taken over after court decision. Out of total 103 K, about 90K (11 acres) land has been handed over to E&M contractor and contractor is working in the area.

b) Kass Area-1/File-2 (223K-05M-02S)

- Advance as well as final payments to all 27 AHHs of Kass Area-1/File-2 have been completed. All houses have been demolished and the area has been taken over by WAPDA on 13-08-2021.

c) Kass Area-1/File-3 (457K-01M-04S)

- Agreement signing of Kass Area-1/File-3 yet not completed and out of total 105 beneficiaries 63 have signed the agreements. Remaining beneficiaries did not sign the agreement mainly due to land dispute / court cases and resistance of few households.

- Out of total 63 beneficiaries (who have signed agreement), 59 have been paid the advance money (3-months land lease rent + 10% of the BUP Value), while 53 households have demolished their houses and they have been paid the remaining amount (57-months land lease rent + 90% of the BUP Value).
- About 48% of the area (219 Kanals) have been taken over by WAPDA and the houses have been demolished. The demolishing of remaining houses is in progress and cheques are ready for payment as soon they will complete the demolishing of their houses.
- The teams are working on the files of Kass Area-1 / File-3 and following up the remaining PAPs to make them agree for receiving their advance payments as early as possible. However about 47.2 kanals land is disputed and the Jirgas are underway to resolve the disputes as early as possible.

d) Kass Area-2 (393K-16M-05S)

- All 110 beneficiaries have signed the agreement and have been paid the advance money (3-months land lease rent + 10% of the BUP Value).
- All the houses have been demolished after paying the remaining amount (57-months land lease rent + 90% of the BUP Value).
- 100% of the area (393 Kanals) have been taken over by WAPDA and the houses have been demolished.

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 February 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 majority of AHHS opted self-resettlement

The work only on seven resettlement sites of LBRV-11 & 12, and Dasu-RV remained in progress. Social & Resettlement Teams monitored the sites under construction and resolved the emerging issues.

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

a) Resettlement Site Nasirabad 1&2

During the reporting month, S&R team managed various installments of the Temporary Relocation Payment (TRP) to the resettling HHs of RV Nasirabad 1&2. The resettling AHHS of both these resettlement sites having grievances over the contractor for not removal of the excavated materials as per their agreement with contractor. More over the contractor have already left the site without accomplishment of the agreed tasks as per punch list prepared by the infrastructure section.

b) Resettlement Site Khushi-1

During the reporting month S&R staff arranged consultation meeting with the resettling affected households of Resettlement Site Khushi-01 and told them to update about the progress of resolution of water supply issue for the RV. The 8-member dialogue committee of RV Khushi-01 told that they held a meeting with additional Assistant Commissioner (Revenue) on 20th Feb, before this meeting AAC called upon the community of uchar to allow the survey of water supply for RV Khushi-01.

According to the 8 member committee of RV Khushi-01, 70% owners of the Uchar nullah water are now agree to provide water while 30% of the owners took a time of one week to think and to take advise from the rest of their relatives. In nutshell, in the first week of March, the 8 member committee along with district administration shall get the agreement signed either from the owners of Uchar Nullah water or from Chairman Tehsil Council Dasu.

c) Resettlement Site Uchar -1

The site is in the condition it was left by the contractor. Neither anyone is working on the site nor on the water supply line. The resettling villagers have serious grievances over the contractor as the agreed tasks has not been accomplished by the contractor yet.

d) Resettlement Site Khushi-2 link-01

At RV Khushi-02 Link-01 (Hajat Nabi group) no work is in progress and even the remaining agreed tasks have also not been accomplished by the contractor as per punch list prepared and agreed by the infrastructure section and the contractor.

e) Resettlement Site Chuchang-01

During the reporting month S&R team visited RV Chuchang-01 where the team found work in progress on Molvi Abdul Rahman plots. Mr. Rahman have some reservations on the design of his plots for which he approached the S&R and infrastructure section. Later on by having consultation meetings with the applicant and the infrastructure section the matter has been resolved as Chief S&R have issue a memo to infrastructure section to utilize the piece of land for plots development to Molvi Abdul Rahman so that his plots size may not be reduced.

f) Resettlement Site Chuchang-04

During the reporting month S&R team visited the site and held meeting with both parties i.e. Sher Ghazi and Noor Azam group. Both the resettling villager were having dispute upon the boundary of plots which was resolved on the spot.

g) Status of ESMR Files Preparation and Payment

Preparation of AHHs files and payment of Enhanced Self-Managed Relocation (ESMR) Package remained in progress during the reporting month. Following are the updates:

- By the end of February 2023, an amount of Rs. 3,975.65 Million were paid to 1,137 Affected Households for ESMR package. Out of this total, an amount of Rs. 920.50 Million was paid to 263 AHHs of Siglo.
- Relocation of houses from eight priority villages remained in progress, however the case of Siglo is critical. 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 263 out of 270 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 of Siglo, 176 AHHs has relocated to other places after demolishing their structures.
- By the end of February 2023, a total of 1831 cases of Phase-1 & Phase-II have been processed, out of which 1259 approved, 464 rejected, 55 subjudice and remaining (53) were under process to be reviewed in joint sessions.
- The Working Committee remained engaged in preparing new ESMR files. During the reporting month, a total of 117 ESMR files including 105 files of more than one Khasra and 12 Files of ownership change category from various village were prepared by the Working Committee (WC) and submitted to Field Verification Committee (FVC) for field verification.
- The S&R 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 13 ESMR file of Komah village, which was visited on 18th February 2023. The field verification report of 13 AHHs of Kumah was prepared and submitted to the Review & Scrutiny Committee (RSC).
- RSC along with other SMR-Implementation Committees conducted Joint Session to review the under process / Pooled Cases for their early delivery. About 52 files were reviewed in the Joint Sessions during the reporting month.

- 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 790 structures has been demolished and the AHHs relocated to other places.
- 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.
- 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.

7.2.2 Status of TRP Payment

At the end of February 2023, a total amount of PKR 91,243,447/- paid as TRP to 210 RVs (PKR 80,388,554/-) 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, an amount of PKR 1,725,000/- paid for Temporary Relocation Package to 09 affected HHs from 04 resettlement components. M&E team conducted a verification exercise, updated missing entries and corrected components in the database.

S. No	Component	Status by Jan 2023			Status during Feb 2023			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	4,790,800	0	0	-	4,790,800
4	Khushi Dumping	9	8	5,871,191	0	0	-	5,871,191
5	Khushi to Logro	58	0	4,750,000	0	0	-	4,750,000
6	KKH-01 (ROW)	34	22	26,812,961	1	0	315,000	27,127,961
7	Logro	43	0	22,436,616	6	0	960,000	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	3,095,000	1	0	180,000	3,275,000
10	WAPDA Offices and Coloney 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	1,457,577	1	0	270,000	1,727,577
Total		210	86	89,518,447	9	0	1,725,000	91,243,447

By end of reporting month, resettlement allowances released to 297 AHHs who already received their ESMR Package. A total amount of PKR 7.612/- million is paid on account of resettlement allowances

During February 2023, resettlement allowances were paid to 53 AHHs, total amount of PKR 1,193,261/- paid as resettlement allowance during the reporting period.

Sr. No.	Village Priority	By Jan 2023		During Feb 2023		Grand Total	
		No. of AHHs	Amount	No. of AHHs	Amount	No. of AHHs	Amount
1	Priority I Villages	189	5,072,498	39	718,405	228	5,790,903
2	Priority II Villages	55	1,346,339	14	474,856	69	1,821,195
3	Priority III Villages	0	-	0	-	0	-
Total		244	6,418,837	53	1,193,261	297	7,612,098

7.2.3 Other Major Activities Carried Out by R&R Team

The following other major activities were carried out by R&R team during February 2023:

- Attended Progress review meeting of SMR joint Committees held in Deputy Commissioner Office on 01-02-2023 about the missing documents as well as pending and disposed of files. The meeting was chaired by the DC Kohistan Upper and participated by all 04 committees' members.
- Attended weekly joint meeting of community members in Land Acquisition Collector office Dasu about the submission of mission documents and other issues related to ESMR payments on 02-02-2023.
- Reviewed 10 referred back files from FVC and RSC committees and prepared their replies as well as attaching the missing documents in ESMR files on 06-02-2023.
- Consultation meeting was held on 8th February 2023 with vehicle owners as they were on strike from 1st February 2023 for the increment of their vehicle rent/fares, the matter was resolved as they have some apprehensions.

- Reviewed 135 shareholder files and finalized the list as 105 files eligible for ESMR package and submitted to FVC on 8h and 16th February 2023
- Consultation meeting with community representatives about missing documents under the chairmanship of Land Acquisition Collector in on 16-02-2023.
- Social & Resettlement team visited Kaigah Village and distributed Project Allowance Cheques among the AHHs at their door steps who received their ESMR Package on 17-02-2023. During the month, a total of 38 project allowance cheques were distributed among the AHHs. These cheques were near to be expired.
- S&R team prepared duplicate copies of ESMR Paid files and submitted to WAPDA for payment of remaining Project allowances including dislocation allowance and Reconstruction allowance.
- Social & Resettlement Team visited Khushi & Bar Chuchang village on the compliant of local communities about entering of unwanted water in their houses from new KKH01 and WAPDA Colony. The team visited the site and also consult the community. Actually, it's seasonal water and coming from top hills and hitting the populated area. The matter was referred to DHC road section for possible solution and divert the water from population.
- During the reporting month, S&R team along with WAPDA and NESPAK representatives conducted the relocation assessment of Government Girls Primary School (GGPS) Kass Banda & Government Primary School (GPS) Kass Bala. Consultation meetings were held with the catchment area and the school management to get their intentions and suggestions for relocation of the mentioned schools. The community and school management give their suggestions for relocation of the above mention schools.
- During the reporting month, S&R team visited Chuchang resettlement site-04 where the work was stopped by Mr. Sher Ghazi and Noor Azam due to their internal conflict on plots boundary. S&R team held meeting with both parties, measured the area and announced the decision which was accepted by both parties in letter and in spirit and the work was resumed.
- During the reporting month, S&R representative participated in the meetings of Review & Scrutiny Committee (RSC) on 10-16 February. In these meetings ESMR files pertaining to various affected villages have been scrutinized and reviewed. Prepared the MoM, signed ESMR files and submitted to SMR-IC, Working Committee (WC) and Field Verification Committee (FVC) for need full.
- During the reporting month, a joint filed visit was organized to Baily Bridge Barseen Kuma (Right Side) and Kisho Kaar (RAR-2). Observed the 13 houses, meet with the affected owners for ESMR package. MoM was prepared on behalf of Chief S&R and submitted to his office for further needful actions.
- During the reporting month, S&R team prepared and compiled the report for 12 NOS of affected schools due to Dasu Hydropower Project and presented to Chief S&R based on which further presentation was delivered to World Bank representatives by the Chief S&R. The report contains all the relevant information about the affected school's relocation.

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.

- At Chuchang Resettlement Site–01, a meeting was held with RE infrastructure to discuss the plot design Issue of Moulvi Abdul Rehman (AHH). Mr. Abdul Rehman had reservations on the plot size and in the previous meeting with him, it was decided that due to limited land availability, the design section will develop the whole available area for plotting. The contractor was asked to stop working because AHH had reservations of the working of the contractor.

A site visit was also conducted by PC&P team for the resolution of the issue. The AHH insisted to work according to the agreed plan. It is decided that the coordinates for the land area will be provided and the design pertaining the whole available land will be revised consequently. The issue is now with the Infrastructure section for the issuance of revised design.

- The contractor is working on the construction of septic tank and other components of the WAPDA Offices and Colony. The designer is working on the possible overflow line of the proposed septic tank. They have requested the consultation team for a possible requirement of the land beneath the septic tank.

According to the proposed design, the overflow will traverse through the abandoned Nullah. The proposed land belongs to Mr. Madad Khan's family. In this regard, a meeting was held with Mr. Madad Khan, one of the owners of the land to discuss the issue and to get the consent of owners to initiate the process of land acquisition as per policy.

Mr. Madad Khan told that the land is a shared property of the family so he needs to discuss the issue with other stakeholders before any proceeding.

The issue of his plots was also discussed and according to him, there is a land available for his plots. Mr. Imtiaz, RE Infrastructure told him that a survey team will visit soon. Please show them the boundaries of your land. The plots development layout will be designed for further progress on the matter.

- Chuchang Resettlement Site – 4 (Kuz Chuchang) is under development for the affectees of Chuchang Village. The contractor has almost developed the plots, the finishing work is being carried out.

At the lower portion of the resettlement site, a plot for Mr. Sher Ghazi is being developed. Mr. Sher Ghazi has some reservations over the design of retaining wall. According to him, the elevation of the wall is high and if a plot is developed beside that, there could be some safety issues for his house in the future. It was reported that the he has asked the contractor to stop the work.

A site visit was conducted to resolve the issue and after thorough discussion with the Infrastructure team available on the site. They agreed to resolve the technical inaccuracies accordingly. The issue was resolved.

- The community submitted an application regarding the rain water flow to their houses and polluting the drinking water facility. In this regard, a meeting and site visit was held along with RE Roads and RE Infrastructure for better understanding of the issue.

RE Roads told that matter is related to RE Infrastructure as said water is being streamed from the colony or resettlement site area. During the site visit it was observed that the rain water that comes from the top is being surfaced at KKH-01 and flows down towards the houses and drinking water channel. Infrastructure team said that the matter is related to the Roads section and rain water drainage of KKH-01 needs to be revised to avoid any such incident in future.

Lately the matter was taken up by RE Infrastructure to discuss it with Roads Section for further discussion and possible solution. The issue was technical and forwarded to technical teams for possible solution.

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

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

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, Dugah End Point to Gayal Nullah File 1, Seer Gayal and Gul e Bagh Area 1.

7.4 Income and Livelihood Restoration Program (ILRP)

A Junior Livelihood Professional is working with DHC for carrying out tasks related to Income and Livelihood Support Program. He (Mr. Ghulam Nabi) is mainly engaged in conducting component-wise survey and preparing report on the "Utilization of Compensation Money".

The purpose of these surveys/reports is 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.

So far 13 reports on 39 components have been completed and submitted to WAPDA, while the survey of village Seer Gayal is in progress. The report is not prepared as the revenue survey of one component in Seer Gayal village has is recently completed.

However, 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 the section will be deleted from DHC Report

The position of Junior Livelihood Professional is proposed to be re-designated as “Jr. Resettlement Professional” as he has continuously been assisting Resettlement Team in performing number of tasks, including; the preparation and review of projects allowances costs, files and further payments to the affected households as well as the preparation of ESMR files and the allowances of commercial structures.

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 and 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 arrived in Dasu and 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)

Similarly, 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.

7.7 Gender Implementation Plan (GIP)

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

- i. Contract for the identified teacher has been approved by WAPDA Office as per their standard procedures. Community has made all necessary arrangements including neat and clean room etc. Purchase of the approved items for Vocational Training Center at Kuz Chuchang have been completed. And the course will start in the second week of March 2023.

- ii. Gender Awareness and sensitization 'Participants hand Book' in Urdu reviewed and is now at final stages.
- iii. Gender Sensitive communication messages for girls' education promotion reviewed.
- iv. 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 3 more candidates in addition to 17 last month have been identified and their documents are collected, and shared with PHSA staff. The MOU drafting is in process.

Draft undertaking for candidates has been developed in URDU with the consultation from Social & Resettlement team for streamlining the two years long course with a better discipline and is shared with the mehrams of the candidates.

- v. In February 2022, coaching sessions with key religious leaders were conducted. These religious leaders are facilitated to play a role in educating and mobilizing other religious leaders to work on women and girls; needs in their respective areas. These key religious leaders were explained, about the criteria to form an executive body of religious leaders and their role in formation and strengthening of the body.

Meeting with key religious leaders was also held for the design of upcoming workshop for religious leaders in the context of 'girls' education' and their role to be played as resource person; conducting session on 'women and girls' education from an Islamic perspective' for other religious leaders.

- 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.

A total of 27 women and girls have ensured their enrolment and a local teacher is available and committed. These courses will enable women to read, write and speak Urdu along with basic numeracy. Communication is a big barrier for Kohistan women and is restricting their access to any facility and ultimately causing low self-esteem, poor health etc.

In this regard a Letter of Understanding with National Commission on Human development has been agreed and has been signed at their provincial level. The same will be signed in the 2nd week of March, 2023.

- vii. Follow-up sessions with local activist for mobilizing communities for their active role in establishing a literacy course at Bari Rango village for women and girls' in collaboration with National Commission on Human Development (NCHD).

7.8 Implementation of Communication Plan

Following major activities were carried out during the reporting month

- i. Communication Team remained engage in public dealing in the Public Information Centre and sharing information regarding Dasu HPP with local community and general public.
- ii. 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.
- iii. Coverage of different events and meetings remained in progress during the reporting month, communication team also captured photos of different sites regarding progress.
- iv. Coverage of the different project activities for information of all the stakeholders through social media pages of Facebook, YouTube etc. (continuous activity).
- v. Updated project progress on Dasu HPP website, updated content and published new events on project website.
- vi. Coordinated with contract section regarding advertisement of "Hiring of twelve vehicles for security purpose" and "Pic & Drop facility for School going children on 15 different routes". The contract section will email the said case after some changes & review from GM/PD.
- vii. Coordinated with CST section regarding advertisement of pre-qualification for "supply of LPG cylinders to office building and officers/officials accommodation. The CST section will forward the case after changes & reviewing from GM/PD.

7.9 Independent Grievance Redress Committee (IGRC)

About all pending & new complaints have been addressed and disposed-off and no new complaints received during the reporting month.

7.10 Migration Management

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

Workforce data of all contractors as well DHC and WAPDA was entered in MIS till the last month (January, 2023). Based on the workforce data received from various contractors and other organizations a total of 5,269 workers / staff were estimated. Out of total (5,269); 2,685 (51%) were locals, 1,932 (37%) were non-local national, while 652 (12.2%) were foreigners. A total of 27 females were working in 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 Site as of February, 2023:

S.No	Components	Contracts	Locals		Non-Locals		Foreigners		Component wise Total	Total
			Male	Female	Male	Female	Male	Female		
1	WAPDA/ LA&AU	WAPDA-DHHP	159		205	0	0	0	364	364
2	DHC	DHC-DHPP	227		124	2	20	0	373	373
3	CGGC	MW-01	1132		453	0	202	8	1795	3690
		MW-02	778		552	0	242	15	1587	
		RAR-02	88		19	0	28	0	135	
		KKH-02	82		46	0	45	0	173	
4	CCECC	RAR-01	66		28	0	14	1	109	395
		KKH-01	54		182	0	49	1	286	
5	CGICOP	PCI-01R	29		156	0	11	0	196	196
6	KGL	DASU-RV	16		62	0	0	0	78	78
7	PCCCL	TL-01	23		47	0	13	0	83	83
8	Zhongmei	LBRV-11&12	10		4	0	2	0	16	16
9	IKAN	LADP	10		45	0	0	0	55	55
10	MSC	Consultant	11		7	0	1	0	19	19
Total			2685		1930	2	627	25	5269	5269

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

7.10.1 Other Major Activities during the month

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

- i. Meeting with CR-09 labor committee for inclusion of Mr. Masood Ur Rehman in the committee.
- ii. Field visit to M/s CCECC camp at Zaal regarding monitoring and inspection of workers facilitation at camp and work site.
- iii. Office work and preparation of Kuma Chairlift case
- iv. Updating In-migrants data and work on Kuma chairlift file.
- v. Field visit to M/s CGGC site CR-09 for inspection and monitoring.
- vi. Meeting with MSC consultants regarding data sharing other social issues.
- vii. Field visit to M/s CGGC CT-02 site regarding monitoring and inspection of site related to workers.
- viii. Field visit to M/s CGGC CR-02 & CR-09 site regarding monitoring and facilitation of workers at site.
- ix. Field visit to M/s CCECC camp at Zaal and EM-01 at Kas site regarding monitoring and inspection of workers facilitation at camp and work site
- x. Updating data and sharing of details regarding Local, Non-local especially Kashmiris for DG (SS) and onwards submission.
- xi. Field visit to Diversion Tunnel and monitoring of workers at work site.
- xii. Field visit to Main Dam tunnel regarding Awareness session to new workers at site.
- xiii. Field visit to M/s CGGC CR-02 & CR-09 site regarding monitoring and facilitation of workers at site.

- xiv. Updating data and summarization of data regarded to Technical/Non-Technical staff.
- xv. Meeting with Mr. Muhammad Din regarding complaint on Ms/ CGICOP for delay in payments.
- xvi. Preparation and finalization of MM Presentation on progress for World Bank mission.
- xvii. Preparation and submission of Monthly Progress Report of Migration Management for the month of February-2023 to 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

During the month of February 2023, a total amount of PKR 19.43 billion was paid, including PKR 19.09 billion to 7,924 PAPs through 11,730 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 Jan 2023			Status during Feb 2023			Grand Total
		# of PAPs	# of CHQ	Amount (In Billion)	# of PAPs	# of CHQ	Amount (In Billion)	
1	All Components	7889	11693	19.07	35	37	0.020	19.09

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

During February 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 land 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	147,439,862				147,439,862
2	Kass Disposal Area-01 (File-02)	28	67	115,372,658				115,372,658
3	Kass Disposal Area-01 (File-03)	52	72	109,621,927				109,621,927
4	Kass Disposal Area-02	112	278	175,834,389				175,834,389
	Total	256	516	548,268,836				548,268,836

7.11.3 Accounts Adjustment Submissions to WAPDA

No further amount was adjusted during the reporting month. During the month, M&E team worked on identification of remaining paid cheques to be processed for accounts adjustment during October-December 2022.

The 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	0	18,821,487,872
2	Preparation of Summaries and Supporting Booklets	339,249,221	0	339,249,221

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

At the end of February 2023, a total amount of PKR 91,243,447/- paid as TRP to 210 RVs (PKR 80,388,554/-) 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, an amount of PKR 172,000/- paid for Temporary Relocation Package to 09 affected HHs from 04 resettlement components. 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 297 AHHs who already received their ESMR Package. A total amount of PKR 7.612/- million is paid on account of resettlement allowances

During February 2023, resettlement allowances were paid to 53 AHHs, total amount of PKR 1,193,261/- paid as resettlement allowance during the reporting period.

Sr. No.	Village Priority	By Dec 2022		During Jan 2023		Grand Total	
		No. of AHHs	Amount	No. of AHHs	Amount	No. of AHHs	Amount
1	Priority I Villages	189	5,072,498	39	718,405	228	5,790,903
2	Priority II Villages	55	1,346,339	14	474,856	69	1,821,195
3	Priority III Villages	0	-	0	-	0	-
	Total	244	6,418,837	53	1,193,261	297	7,612,098

7.11.5 Preparation and Review of Files and Payment of ESMR Package

Preparation of AHHs files for payment of Extended Self-Managed Resettlement (ESMR) Package remained in progress. During February 2023, a total amount of PKR 413.00 million paid as ESMR package to 118 AHHs.

By the end of reporting month ESMR package was paid to a total of 1,137 AHHs of batch-1, 2, 3 and 4, the total amount paid on account of ESMR is PKR 3975.65 million.

S. No.	Batch	Total AHHs	By Jan 2023		During Feb 2023		Total	
			Paid AHHs	Amount	Paid AHHs	Amount	Paid AHHs	Amount
1	Batch-1	84	78	269.20	0	0.00	78	269.20
2	Batch-2	960	435	1522.45	53	185.50	488	1707.95
3	Batch-3	966	470	1645.00	65	227.50	535	1872.50
4	Batch-4		36	126.00	0	0.00	36	126.00
5	Batch-5		0	0.00	0	0.00	0	0.00
	Grand Total	2010	1019	3562.65	118	413.00	1137	3975.65

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. By the end of February 2023, data entry of 11,259 (96% of total cheques/Qabzul Wasools) have been entered in MIS. Data entry of remaining Qabzul Wasools is in progress. A backlog of 471 Qabzul Wasools recorded by end of the reporting period.
- Total 118 SMR cheques issued to AHHs during the reporting month, all issued cheques were entered in MS Excel Database and MIS also.
- TRP payment was released to 09 AHHs of various components, all the cheques were organized and entered in MS Excel database
- Resettlement allowances cheques were issue to 48 AHHs 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	31,887	10,545
2	Compensation Payment Entry in MIS	10,901	358
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	1356	09
6	SMR Cheques Entry in MIS	1019	118

7.12 Development of Management Information System

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

7.12.1 OHS Document Management System

During February 2023, document management system under OHS was further updated as per need to record activities in an automated way. The authorized user now can easily enter data using web-based user-friendly input interfaces for various processes like: manage document categories, managing and uploading documents in a secured manner. The system stores the data into MIS database for generating dashboards and required reports.

Following modules were updated during the reporting month

- Upgradation in the structure and layout of document management system,

- Identification and development of the input modules sub modules
- Development system's security and access control system
- Document and category management
- Document Uploading system with required additional features

7.12.2 Trouble shooting in the OHS KPI Management System

During February 2023, KPI management system under OHS was improved for recording activities. The authorized user now can easily enter data using web-based user-friendly input interfaces for various processes like: manage contracts and KPIs, KPI wise data entry in a secured manner. The system stores these data into MIS database for generating dashboards and reports as per need. Following modules were updated during the reporting period:

- Improvement of the structure and layout of KPI management system,
- Improvement of input web forms and database

7.12.3 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 January 2023	Progress during February 2023	Remarks
> Land Acquisition and Compensation Payment (LA & CP)				
1	Land Acquired (Acres)	4,652	129	Total land acquired 4,781 acres (95% of the total land)
2	Number of PAPs Compensated	7,889	35	Total PAPs compensated 7,924
3	Compensation Paid (Billion Rs)	19.41	0.0173	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 handover to the community
2	Number of HHs received TRP relocating to RVs	210	9	<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. ➤ 9 out of 210 AHHS received TRP quarterly instalment during the month.
3	Total TRP paid to AHHS relocating to RVs (RS Million)	89.518447	1.725	
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.
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)	100.37334	1.725	
7	New ESMR paid (No. of AHHS)	1019	118	
8	New ESMR paid (RS Million)	3562.65	413.00	
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	806	04	Various meetings were conducted regarding ESMR Package.
2	Percent issues / disputes resolved	89	82	The resolution of remaining issues in progress
3	Percentage of PAPs participating in consultation meetings (Approximately all (100%) PAPs were consulted during Planning & Design Stage)	87	91	% PAPs from related villages presented during the meetings
4	Percentage of their suggestions taken into account	86	88	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)	--	---	----
3	Survey for UCM in progress	1	---	Survey in progress, 1, Seer Gayal village

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4	Number of interviews related to UCM Survey completed and ongoing	2054	---	----	
5	Number of Capacity Building Trainings Conducted	11	0	9 th Batch started from 24 October 2022 in NLC Dina Jehlum. Total Trainees is 36 for 3-month duration.	
6	Number of Local Youth Benefited from Trainings	264	---	Batch 1,2,3&4	45 Youth
				5 th & 6 th batch	37 Youth
				7 th batch	26 Youth
				8 th batch	86 Youth
				9 th batch	36 Youth
				Fisherries (7days)	24 Youth
	Journalist (10 days)	10 Journalist			
> Gender Implementation Plan (GIP)					
1.	Number of Gender Sensitization Sessions(coaching and dialogues) Conducted with CGBT / WVCs	23	3	Three sessions have been carried out. Two sessions with local activist and DHC staff member. One session is conducted with local women of Porana (OLD) Rango village. Awareness session on girls' education is undertaken with men and women of the same village.	
2.	Number of Skill development courses started	01	01	Teacher Contract will be signed in February and course will start accordingly. Purchase of items for the skill development course are in the final stages and 70% purchases are completed.	
3.	Number of Schools Covered under Health & Hygiene Program	02	0	Two H & H Sessions will be carried out in March; one high school and one primary school (DC Kohistan colony). A total of around 500 girls' will be made aware on safe and Healthy health and hygiene practices.	
4.	Number of Project Staff (including Contractor's staff) Benefited from sensitization trainings/coaching sessions	87	3	Three staff members are sensitized and as a result helped identification and counseling of three families for LHV two years long course. A community meeting is arranged by a local activist for Gender Specialist at Porana Rango Village.	
5.	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	04	0	List of third batch is developed and is forwarded for approval. One coaching session has been conducted with Moulana of Kandiya and as a result he identified a candidate from Gabral, Kandiya for LHV course	
6.	Number of Ulemas Benefited	97	2	Individual coaching sessions are found more practical and action oriented.	
7.	Percent of women using health facilities in project area	30	5	Figure is updated from the meeting with health department and visit to DHQ, Dasu.	
8.	Percent of women engaged in Income Generating Activities in the Project Area	38	3	Figure is updated from the field visits experience and eye witnessed of shops run by women in the villages.	
> In-Migrant Management Plan / Management Plan for Construction Related Impacts (IMMP)					
1	Total Staff working on DHPP	4,930	5,269	Workforce data includes staff (including labor) of all contractors, DHC, and WAPDA	
2	Local Staff working on DHPP	2,514	2,685		
3	Non-local Staff working on DHPP	1,777	1,932		
4	Foreigner Staff working on DHPP	639	652		
5	Number of Awareness Sessions on CoC Conducted with Community	27	00		
6	Number of Total Participants in Community Awareness Sessions	424	00		
> 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	
9	Number of DHPP events covered	84	02	All project events including important meetings, ceremonies, exposure visits, and other events	
> Internal Monitoring and Evaluation(M&E)					
1	Compensation Payments (in Billion)	19.07	0.02		
2	Compensation Payments Entries in MIS (Number)	10,901	358		
3	Preparation of ESMR Files	1,878	38		
4	Release of ESMR Payment (in Million)	3562.65	413.00		
5	ESMR Payment Data Entry in MIS	1019	118		
6	TRP Payments (in Million) (AHs & Commercial Structure)	93.444	1.725		
7	TRP Data Entry in MIS (Number)	1,356	09		
8	Preparation of Compensation Payment Summaries for WAPDA Submission (Million)	19.16	0		
9	Submissions of Compensation Payment Summaries to WAPDA for Adjustment (Million)	18.82	0		
10	PAPs Documents Organization (Number)	31,837	10,545		

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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	1	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	04	0	Environment, Downstream, OHS
5	Number of Remaining Modules (Development yet to be started)	1	0	Ecology
6	MIS Development Work Completed (%)	87	1	This percentage is for 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 93% of land has been acquired so far. Land leasing of Kass is in progress. Land Acquisition of KKH-01 and KKH-02 Additional Land is in progress. Assessments of built-up property and fruit trees of remaining components 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	
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	Matching AHs data of remaining villages with GIS Verified record.	Continuous	GIS verification of some villages is awaited.
6	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 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
> Gender Implementation Plan (GIP)			
1.	Third Meeting of Gender Core Workgroup (To be initiated)	March for the 3 rd meeting	Discussions have been made with WAPDA as Project has some concrete set of activities now.
2.	2 nd Visit to Kuz Chuchang site for Establishment of VTC for a group of 25 Women.	Second Week of March	Purchases are completed and are placed at the community decided venue. Teacher has signed the contract and in March actual implementation will be started
3.	Follow-Up sessions with selected Ullema, for the third batch of trainings to have their feedback for an updated course.	2 nd Week of March, 2023.	
4.	Gender Sensitization Session With CBGT/ WVCS in selected Villages	2 nd Week of March, 2023	Discussions on women skills development course's purpose and importance for women economic empowerment.
5.	Gender Sensitization session held with Various Target Group (PMU, DHC, Contractor and other Stakeholders)		Discussion with women of Literacy Course about the importance of education for women and girls'
6.	Preparation of Implementing Plan on SH&HP for further villages and follow ups with the existing villages	2 nd and 3 rd week of March	Meetings with DO, Government High School and Primary School staff about the health and hygiene sessions for students
7.	Implementation on EPP Plan will be decided in GCW Meeting	3 rd and 4 th week of March	Purchases of Literacy Course will be made Teacher Training of Literacy Course for Bari Rango village will be conducted.
8.	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	2 nd and 3 rd week of March	A workshop will be designed and proposal will be sent in consultation with Religious leaders: to educate and mobilise other religious leaders through an advisory body of progressive religious leaders.
> 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 Community	Continuous activity	New IMM Specialist will join soon
4	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)

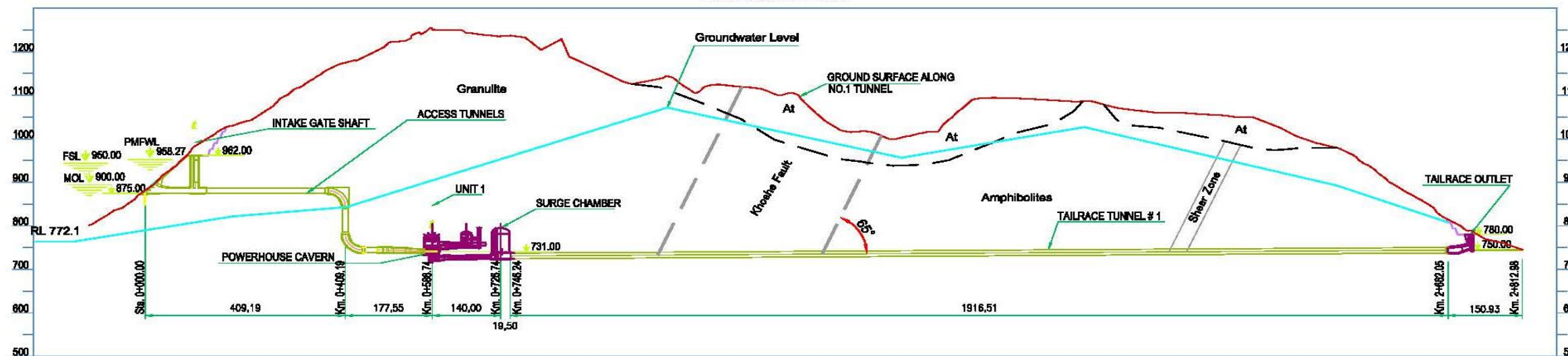
Dasu Hydropower Project
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Sr. No	Activity	Timeline	Status / Remarks
3	Consultation regarding LADP Schemes	Continuous	Consultation regarding Package III and IV schemes are scheduled
4	Consultation regarding submission of Documents for ESMR Files	Continuous	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	10-02-2023	
2	Preparation of Compensation Payment Summaries/Submissions	28-02-2023	
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)	03-02-2023	
> Development of Management Information System (MIS)			
1	Development of UA UC & NM Module	March 2023	Development of all features of UA UC & NM system
2	OHS Progress Review Reports module to be analyzed	March 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	March 2023	Maintenance of developed and operational modules. It can include improvements in existing systems, addition of new features in existing modules as per requirements

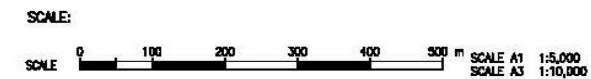
FIGURES



LAYOUT PLAN



WATERWAY PROFILE



DASU HYDROPOWER PROJECT

PAKISTAN WATER AND POWER DEVELOPMENT AUTHORITY-WAPDA

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

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

Figure 2: Layout Plan & Waterway Profile

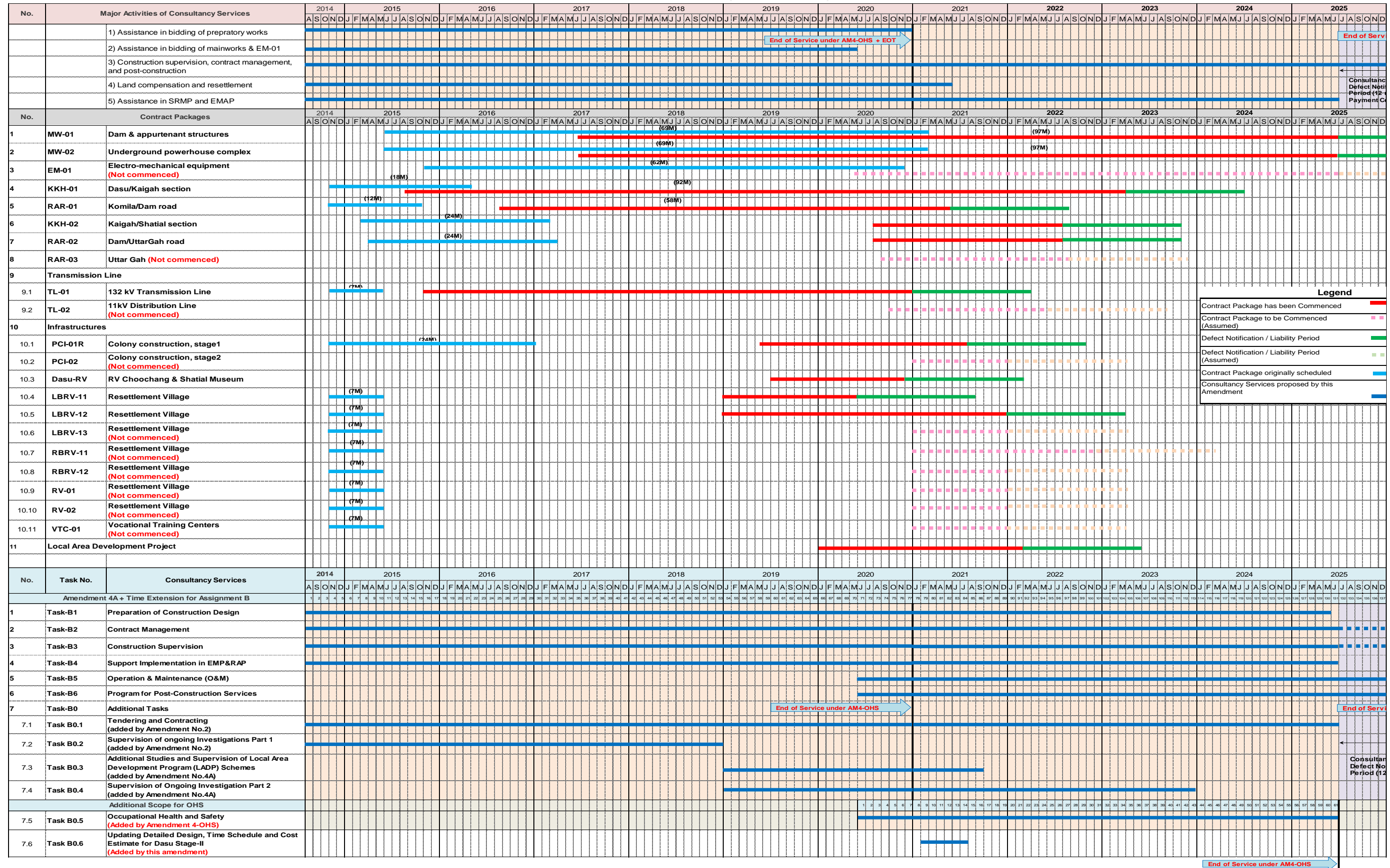


Figure 3: Implementation Schedule

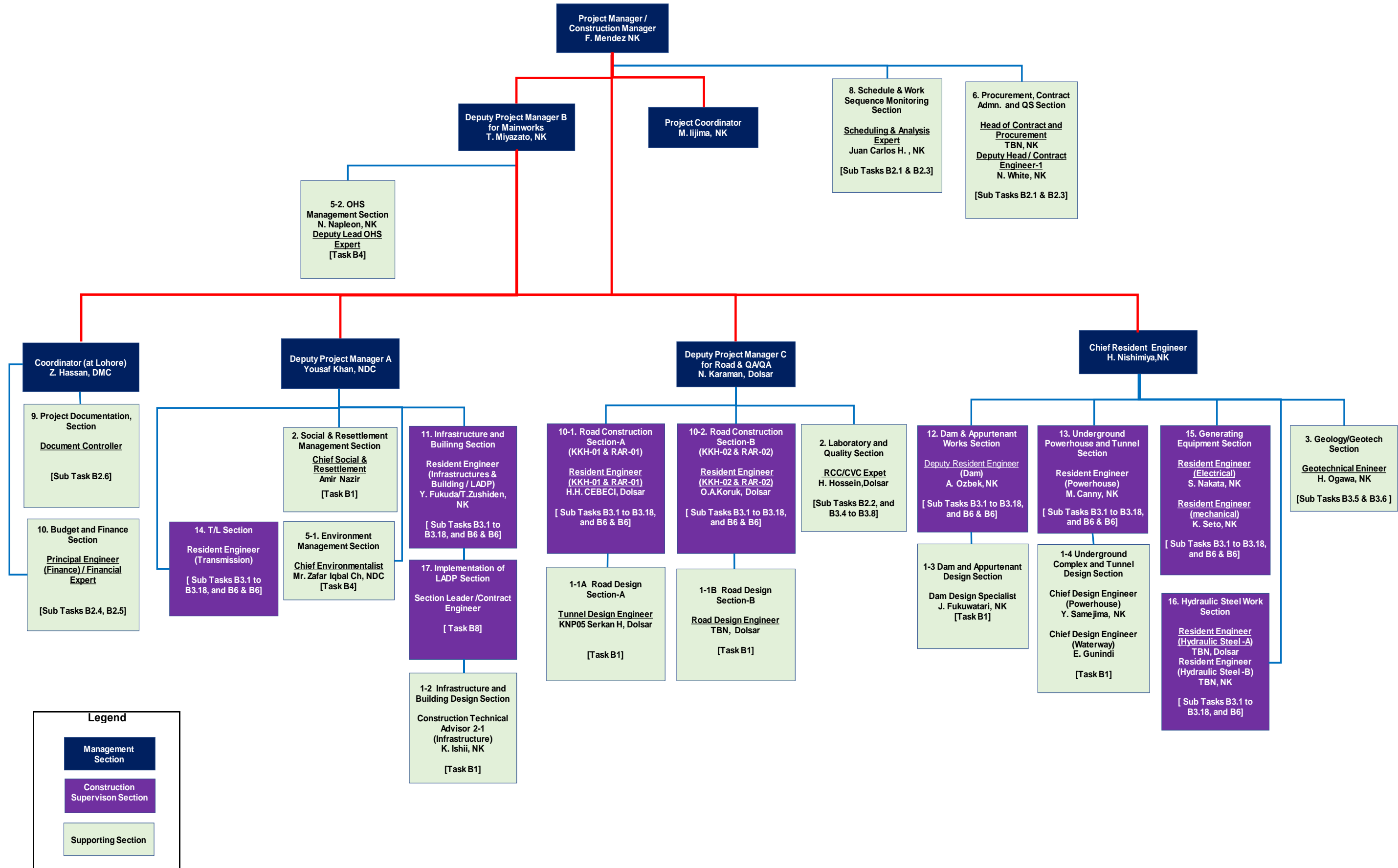


Figure 4: Organization for Consultant Team of Dasu Hydropower Project for Assignment-B

**Work Progress
Upto Reporting Month**

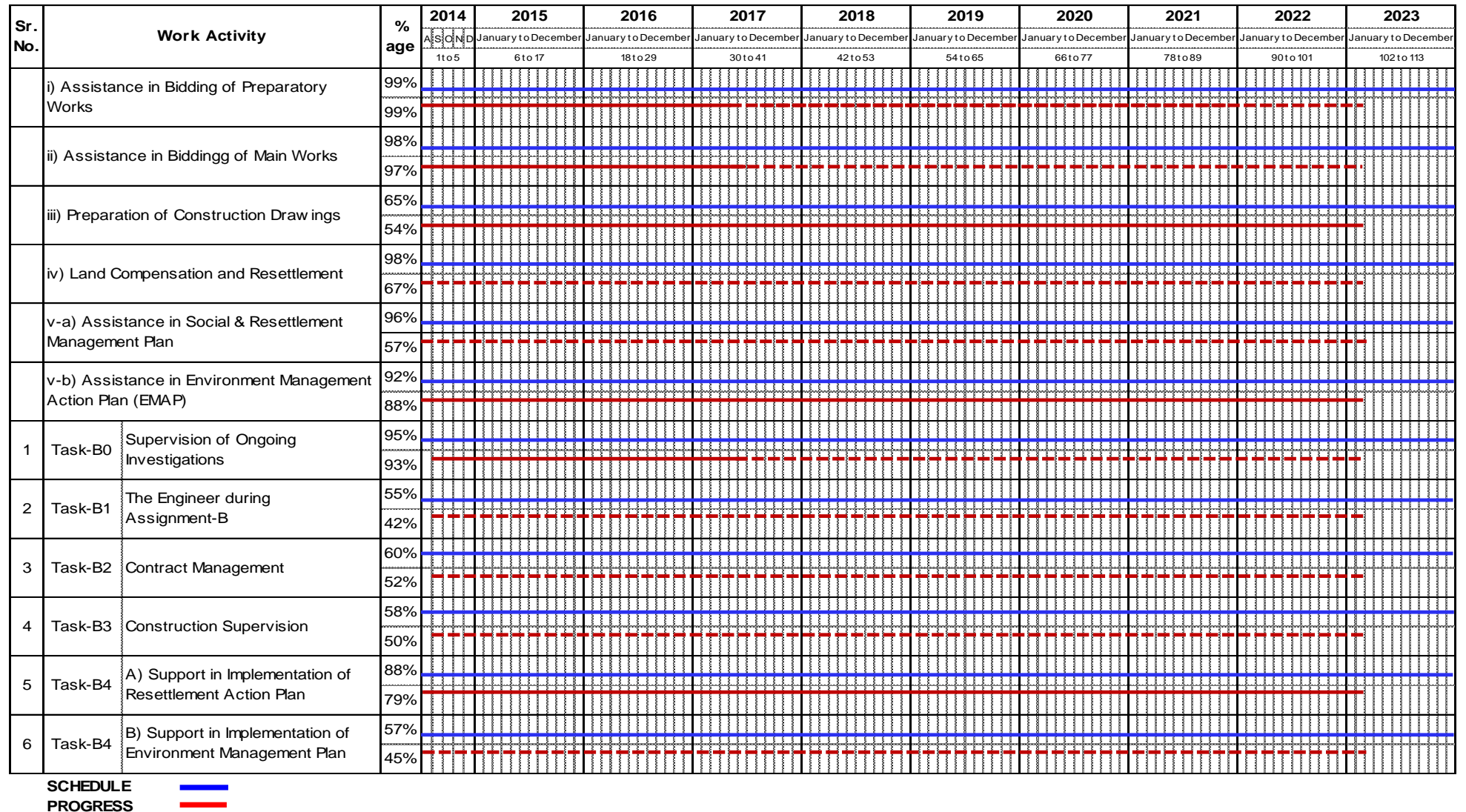


Figure 5: Work Progress

Dasu Contracts Procurement Schedule (February, 2023)

Sr. No.	ACTIVITY	2021						2022						2023																							
		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D						
1	Bid of KKH-01	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
2	Bid of RAR-01	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
3	Bid of TL-01	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
4	Re-Bid of PCI-01R	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
5	Re-Bid of DASU-RV	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
6	Bid of KKH-02	[Blue bar from May 2022 to Feb 2023]																		Work Under Progress																	
7	Bid of RAR-02	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
10	Bid of Resettlement Villages LBRV 11, LBRV 12	[Blue bar from Jan 2021 to Feb 2023]																		LBRV11 &12 Under Progress																	
12	Bid of PCI-02	[Green bar from Dec 2021 to Feb 2023]																																			
13	Bid of VTC-01/Technical College	[Green bar from Dec 2021 to Feb 2023]																																			
14	Bid of MW-01	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
15	Bid of MW-02	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	
16	Bid of EM-01	[Blue bar from Jan 2021 to Feb 2023]																		Work Under Progress																	

Legends

Revision/Preparation of Documents █

Commencement Issued & Work in Progress █

Commencement ▼

Figure 6: Contracts Procurement Schedule

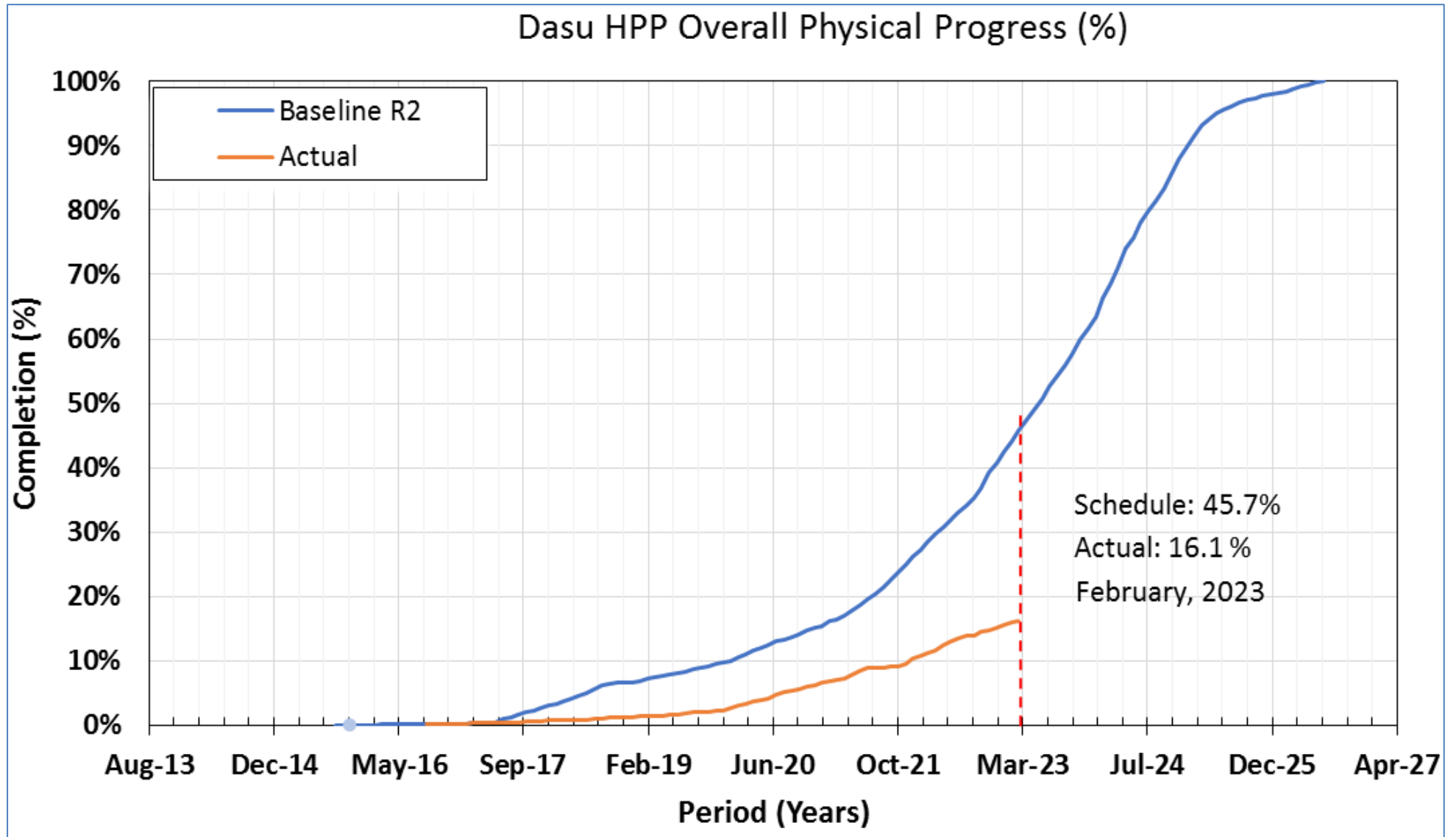


Figure 7: Dasu HPP Overall Progress (Physical Progress)

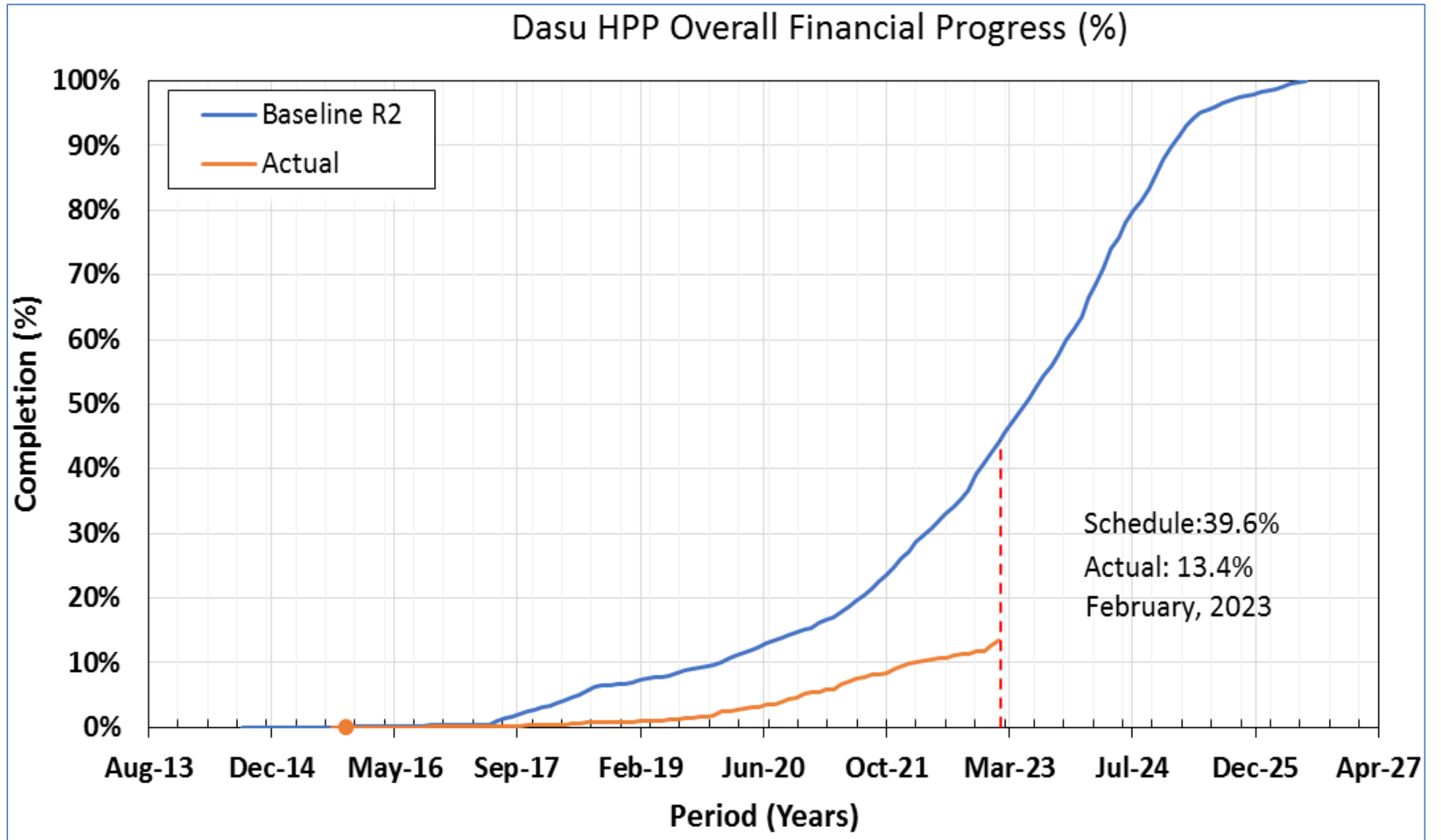


Figure 8: Dasu HPP Overall Progress (Financial Progress)

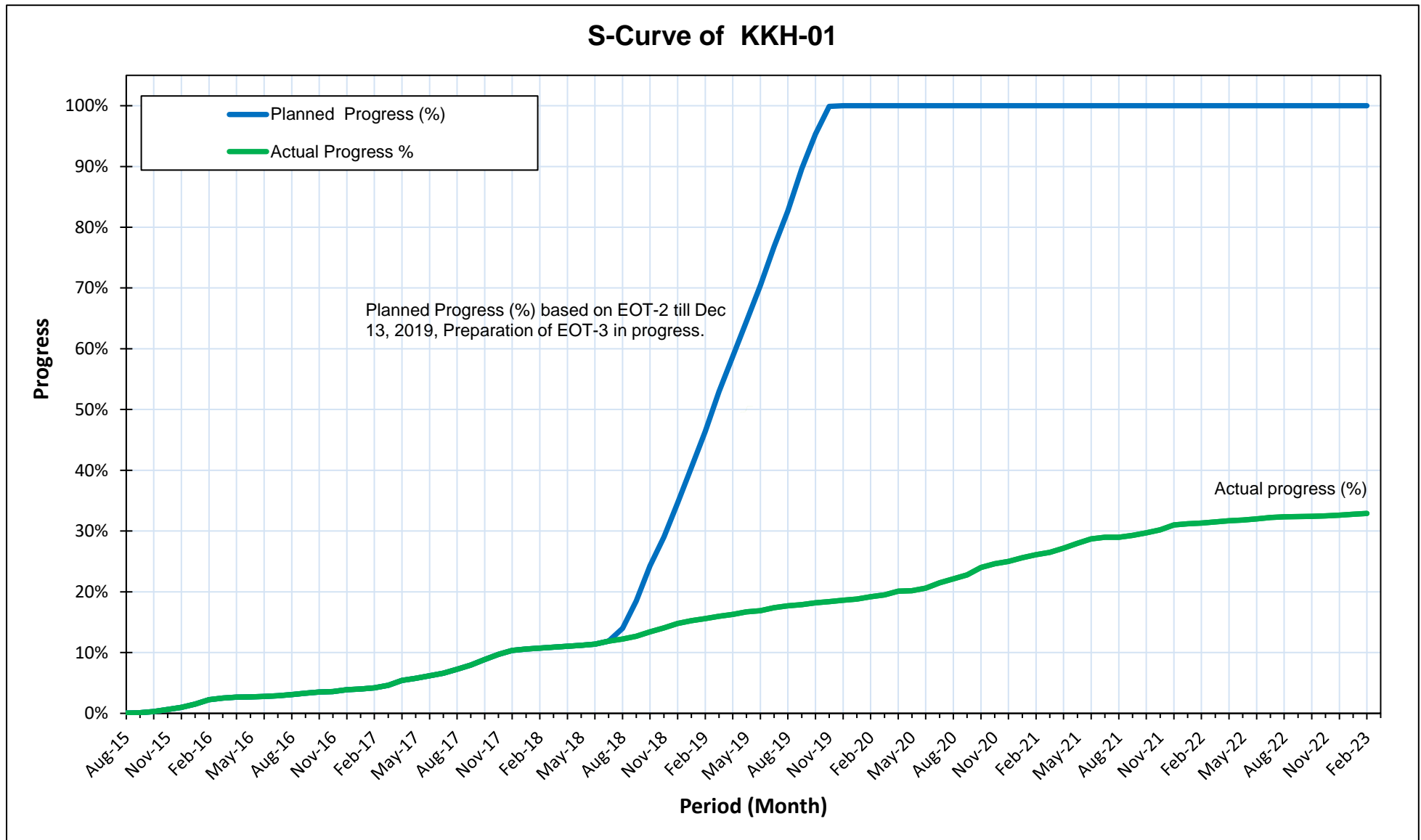


Figure 10: S Curve for Dasu-KKH-01

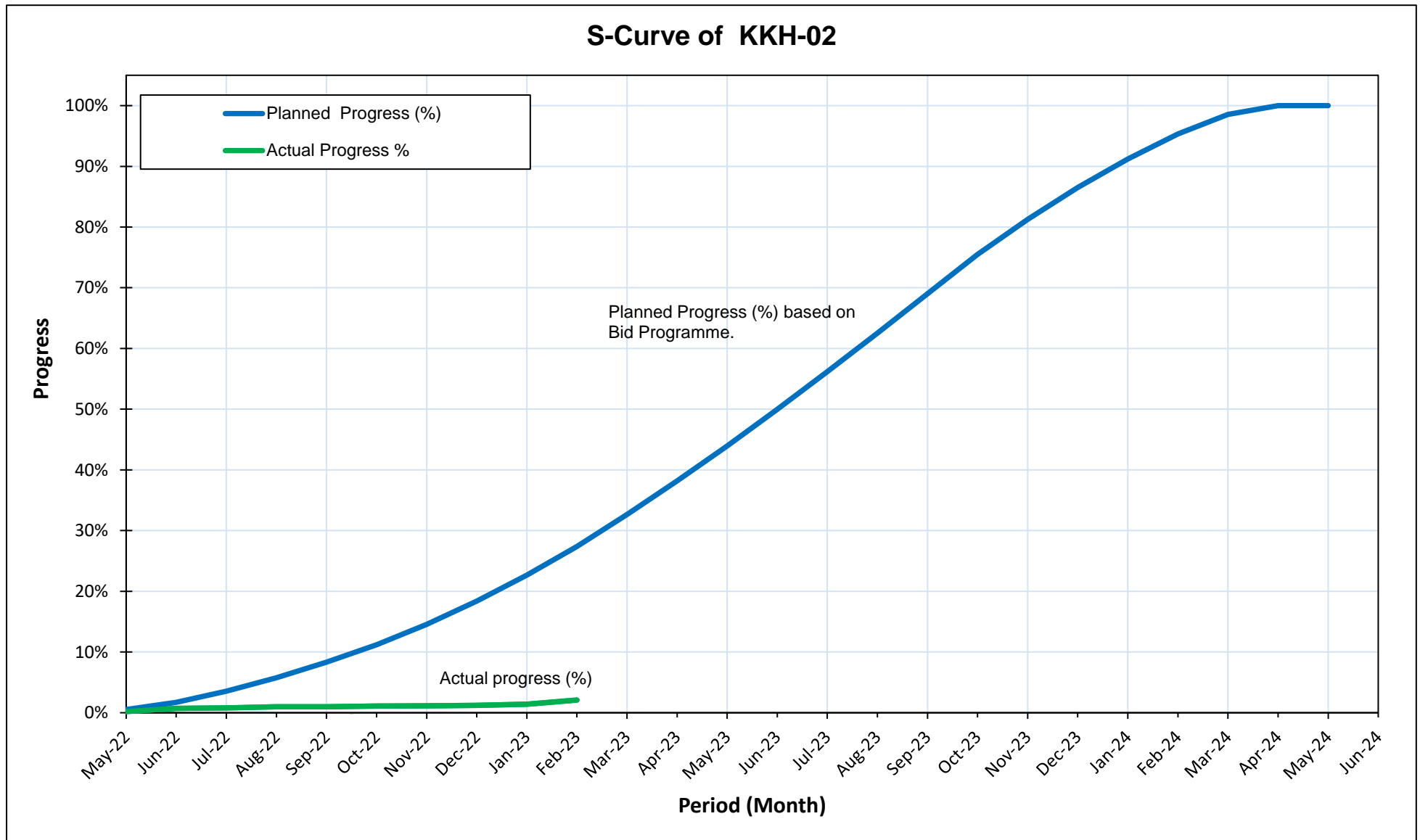


Figure 11: S Curve for Dasu-KKH-02

Figure 11 [1/6]

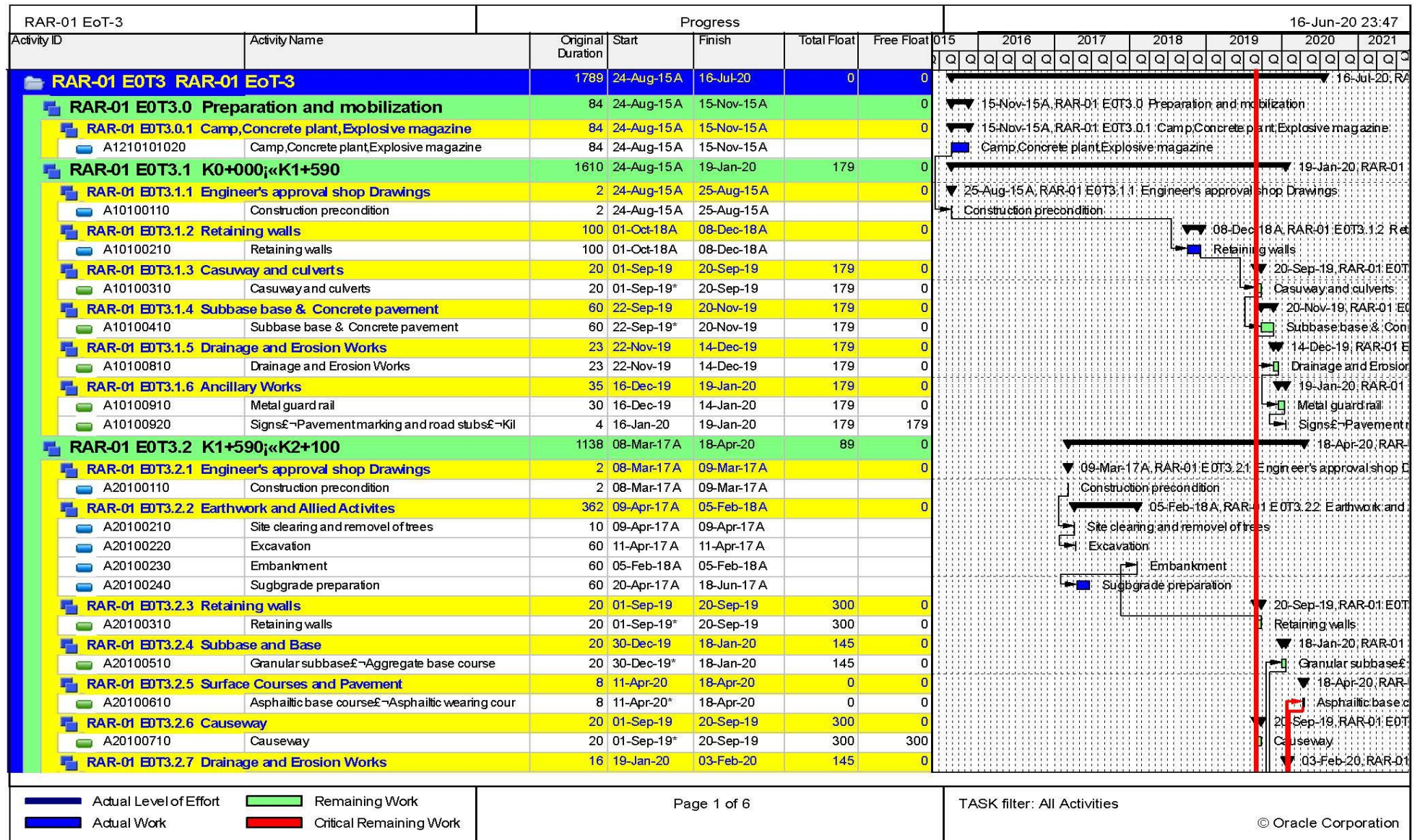
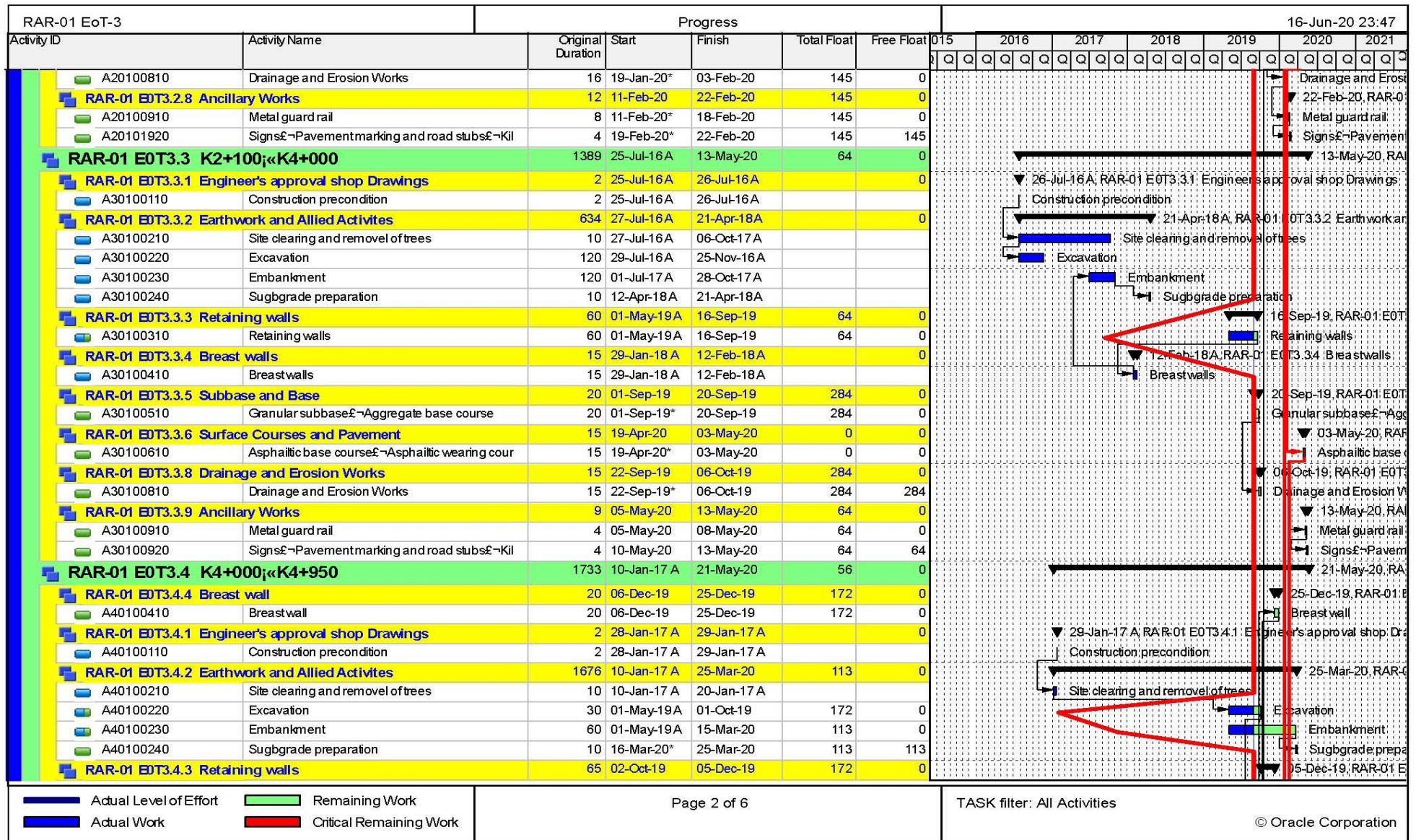


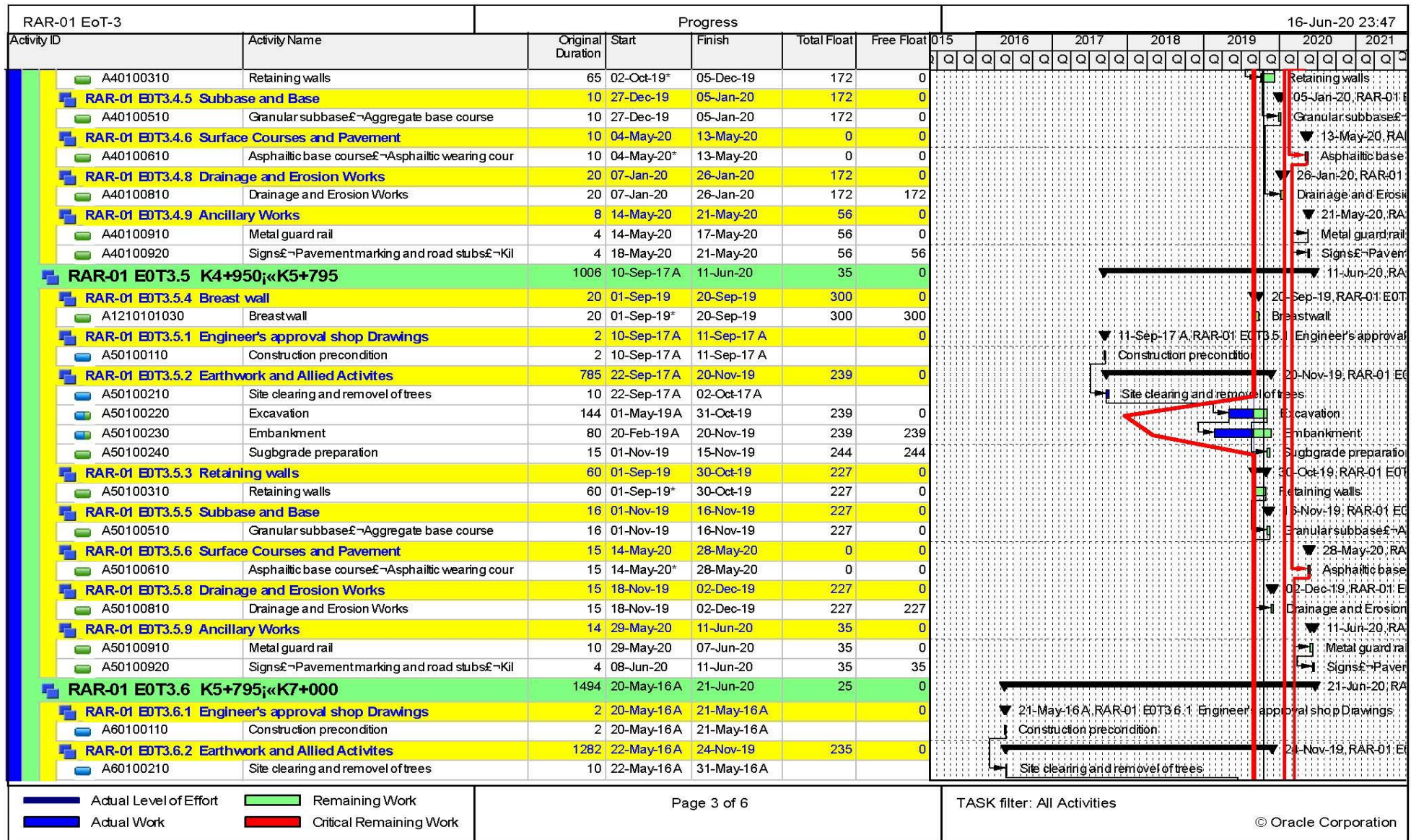
Figure 12: Gantt Chart of Dasu-RAR-01 (1 of 6)

Figure 11 [2/6]



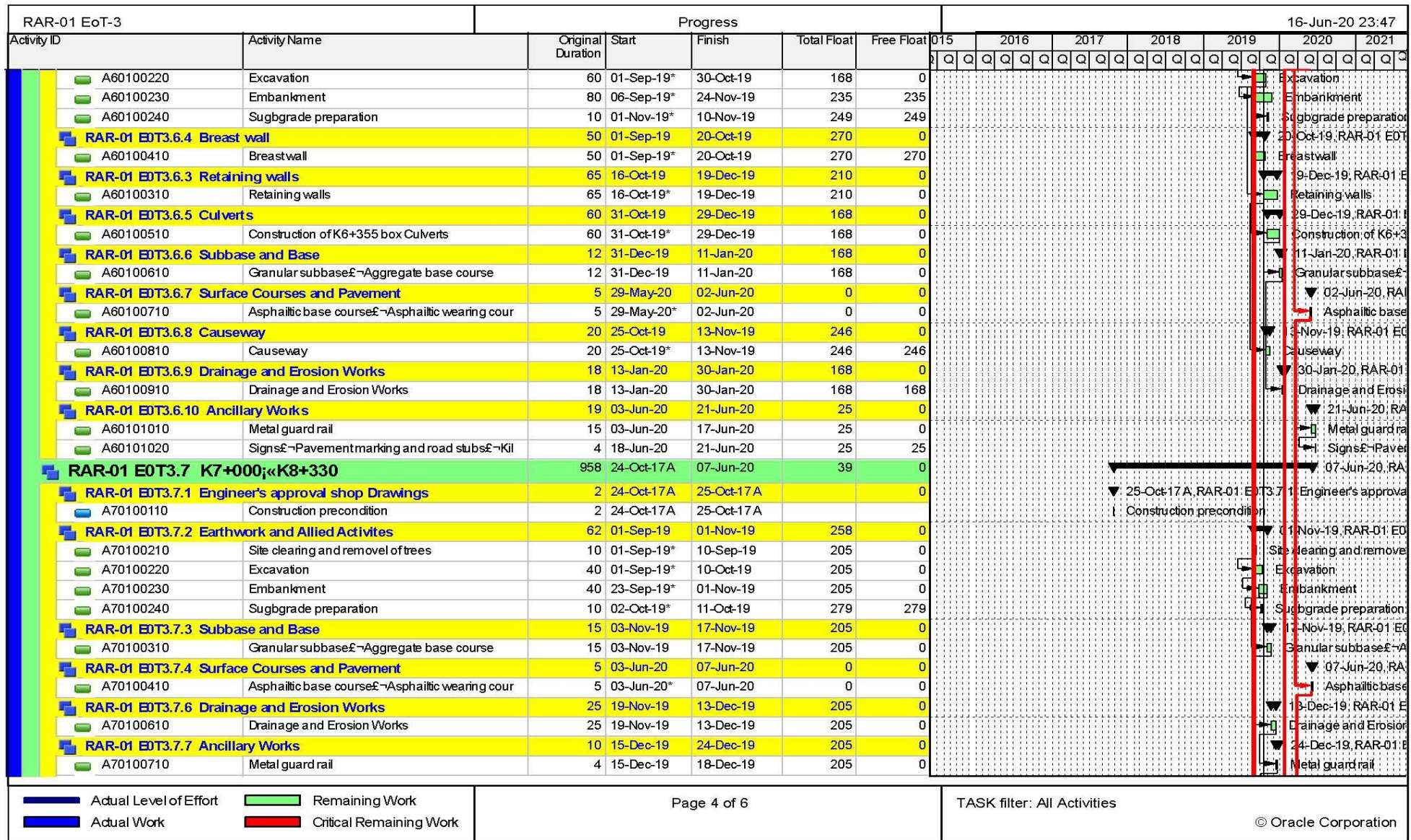
Gantt Chart of Dasu-RAR-01 (2 of 6)

Figure 11 [3/6]



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

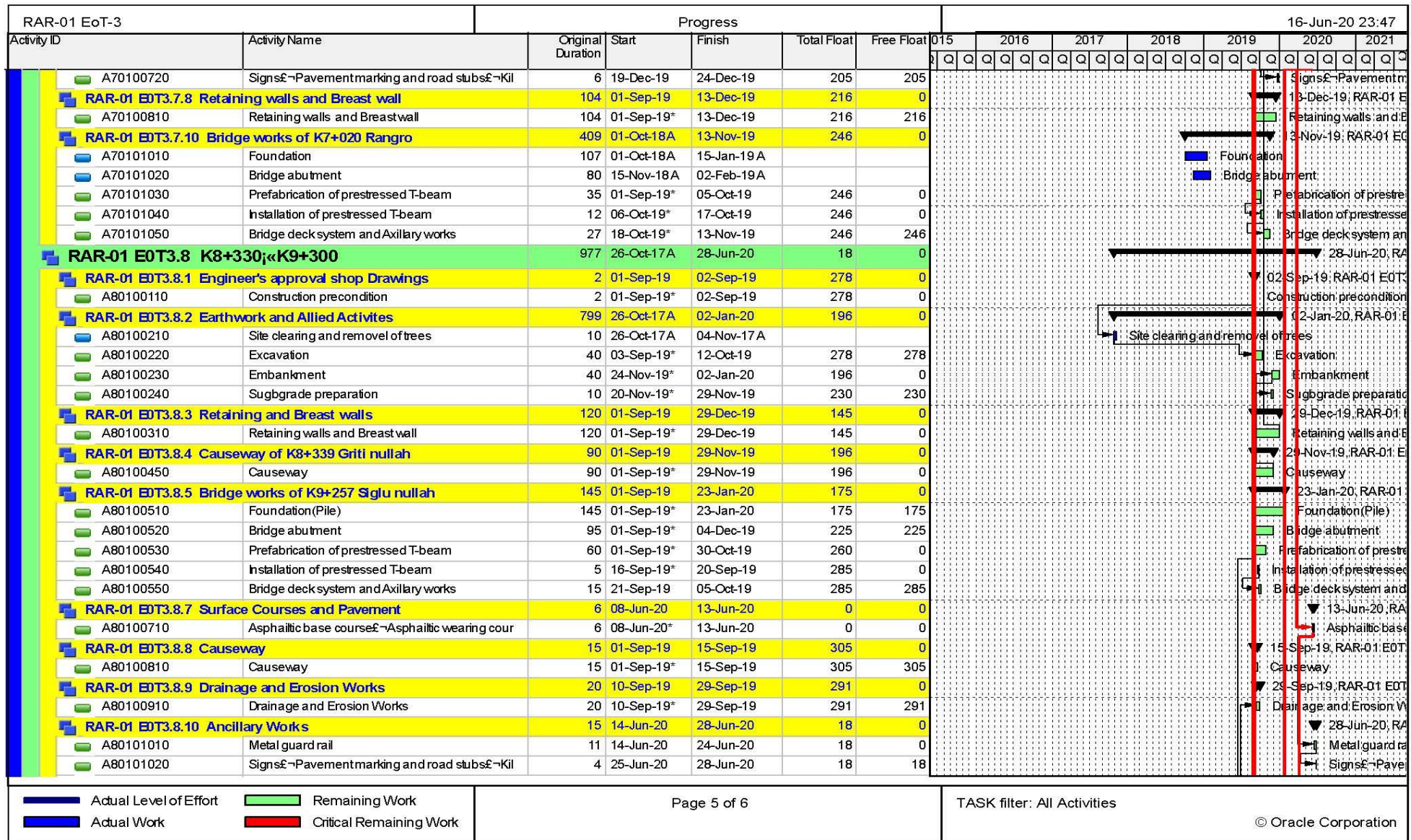
Figure 11 [4/6]



█ Actual Level of Effort █ Remaining Work
█ Actual Work █ Critical Remaining Work

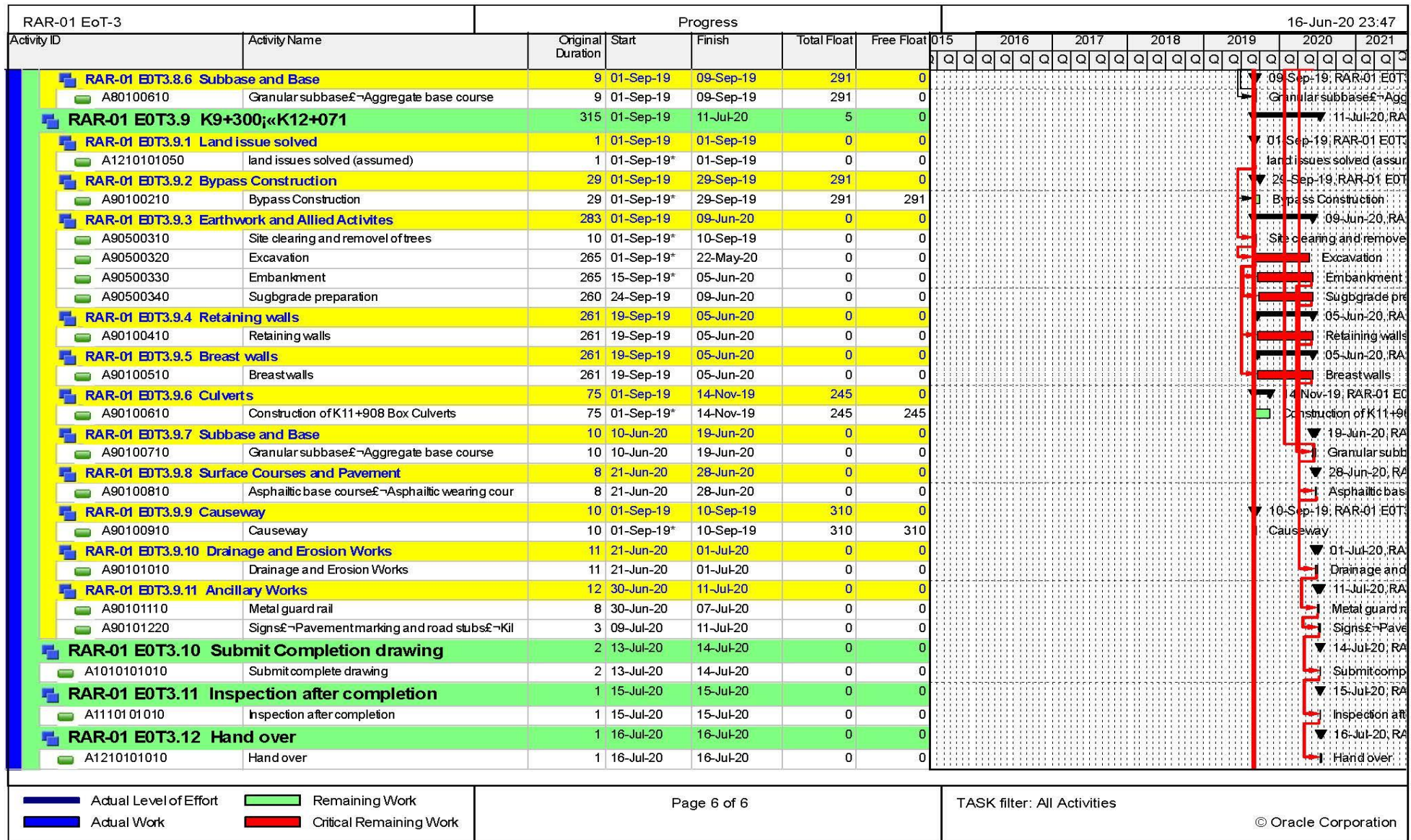
Gantt Chart of Dasu-RAR-01 (4 of 6)

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)

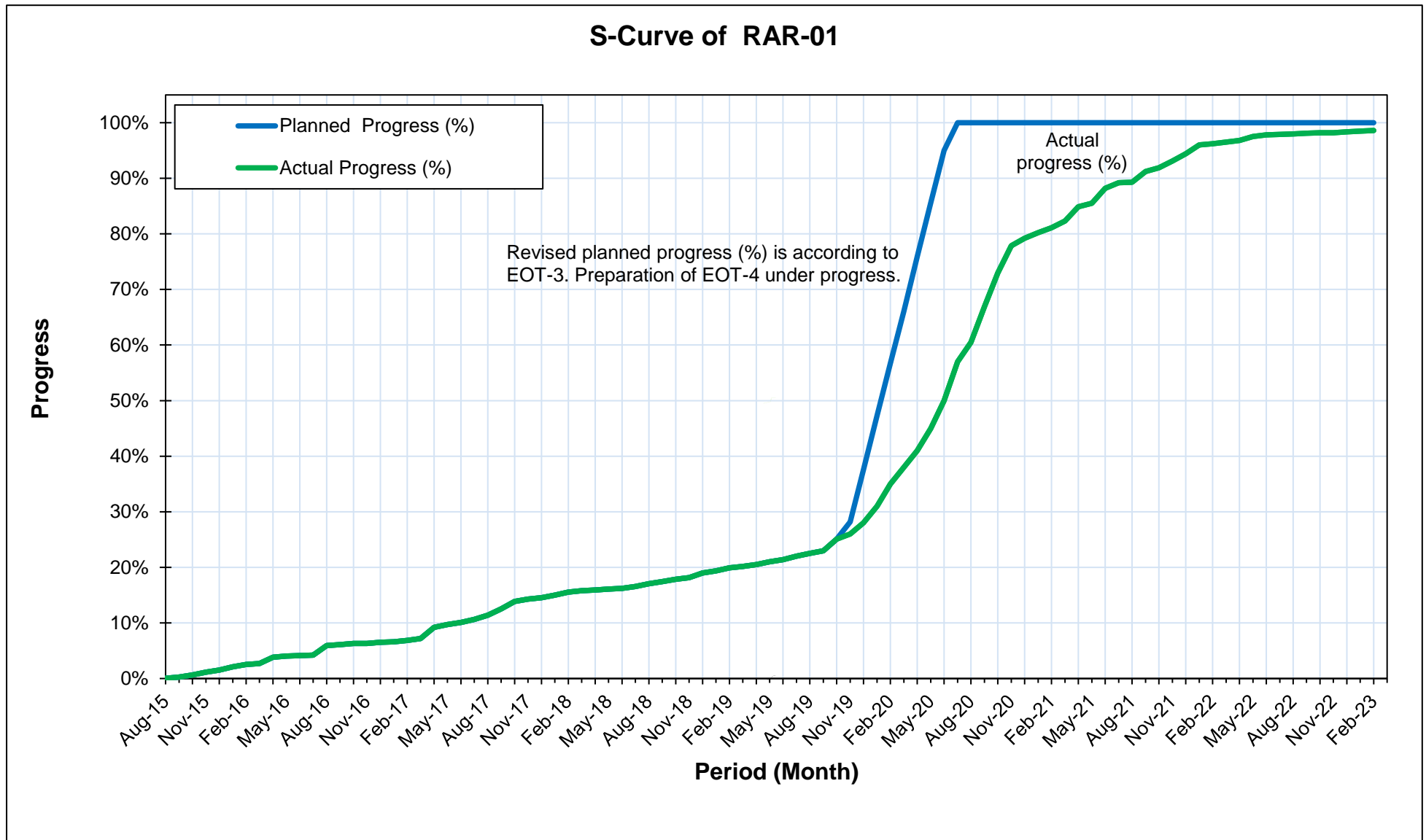


Figure 13: S Curve for Dasu-RAR-01

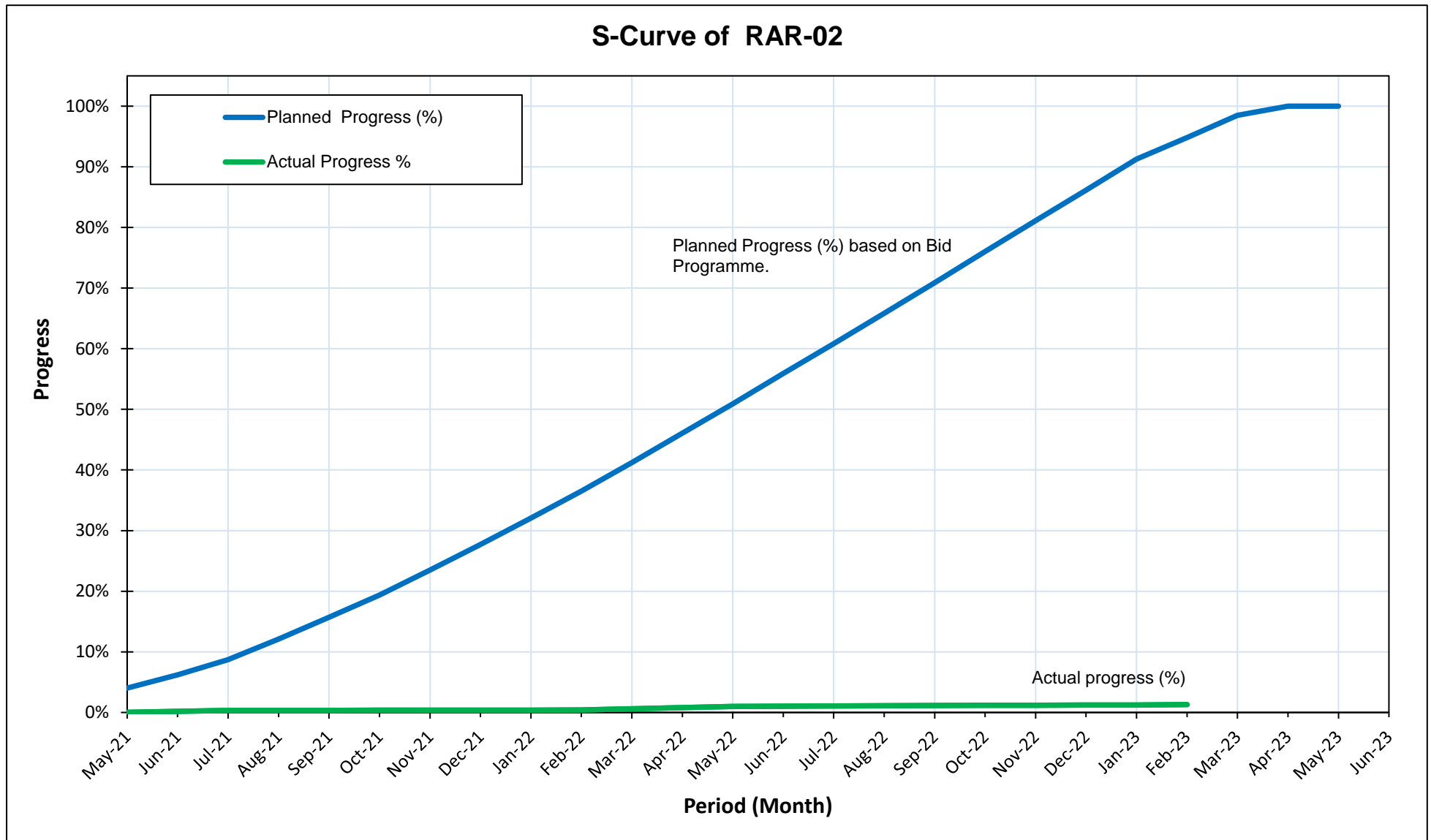


Figure 14: S Curve for Dasu-RAR-02

Figure 14 [1/4]

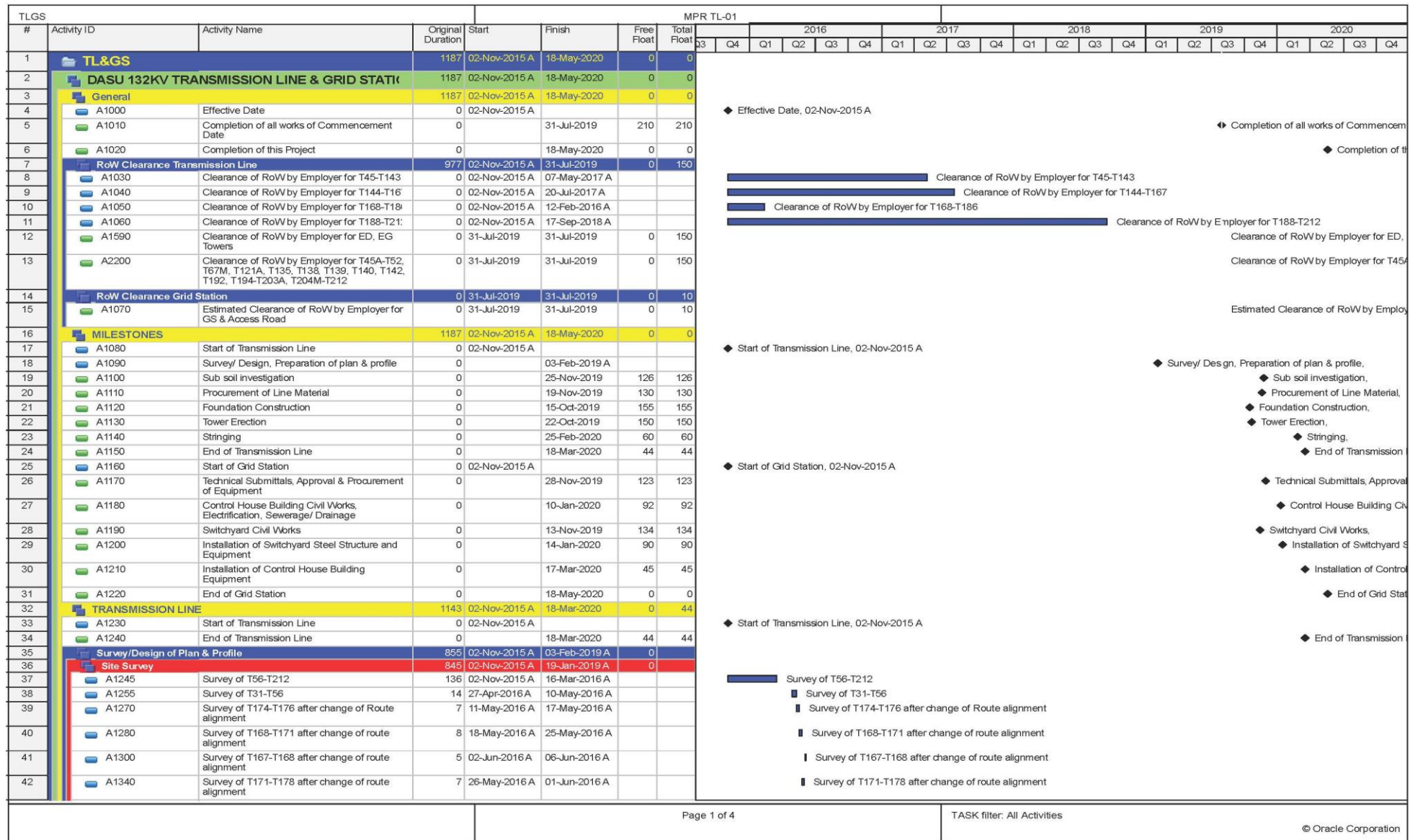


Figure 15: Gantt Chart of Dasu-TL-01 (1 of 4)

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)

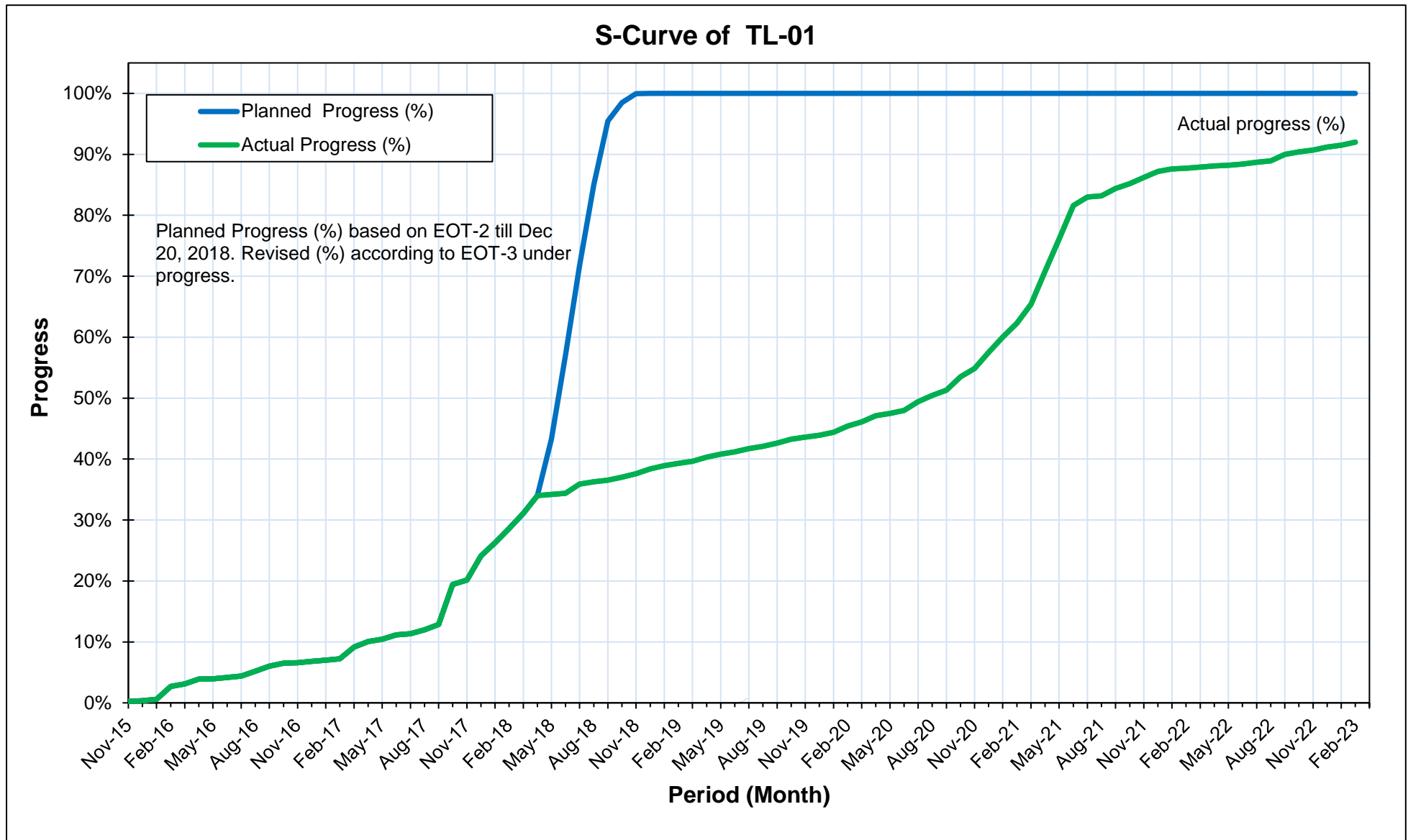


Figure 16: S Curve for Dasu-TL-01

Figure 16 [1/6]

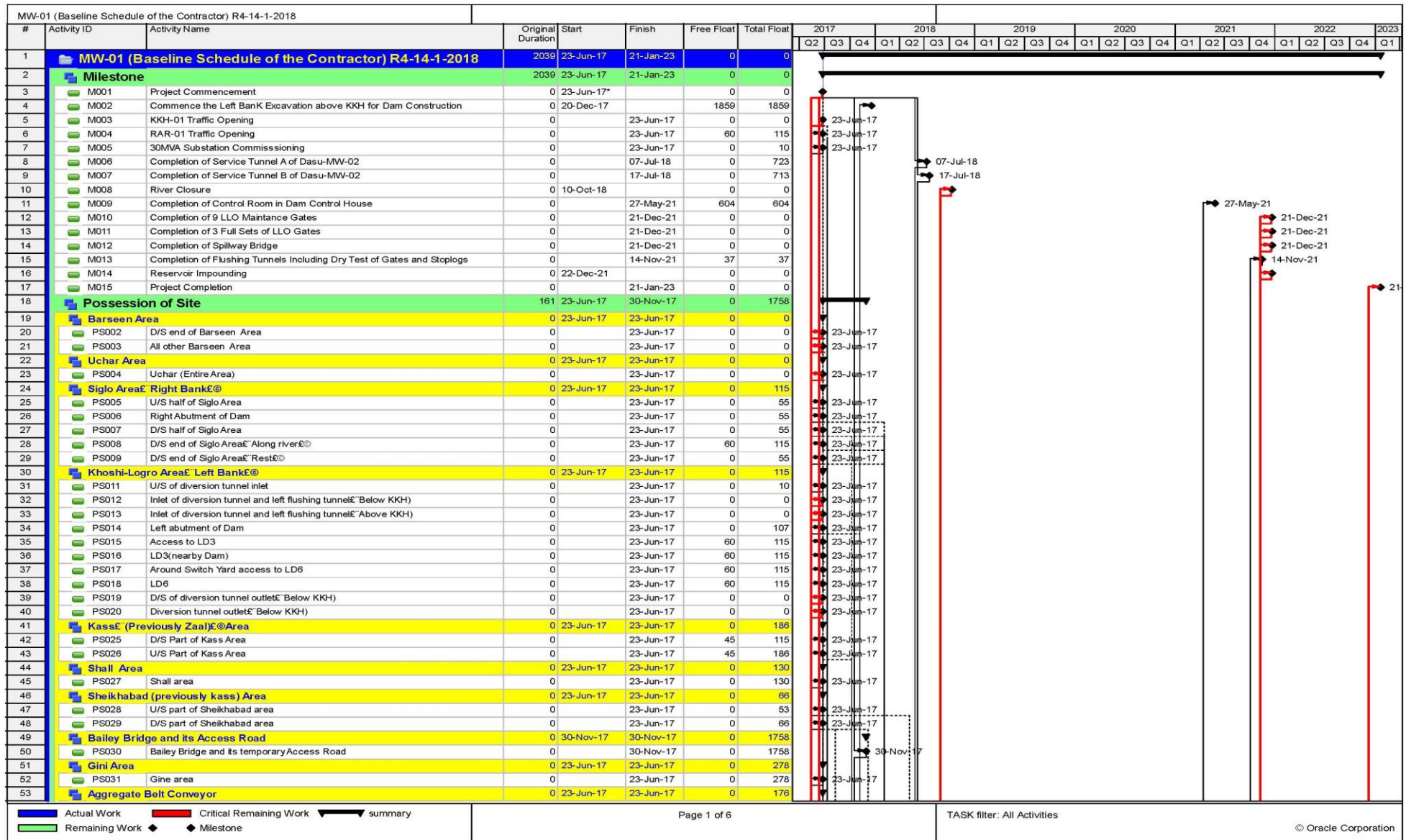
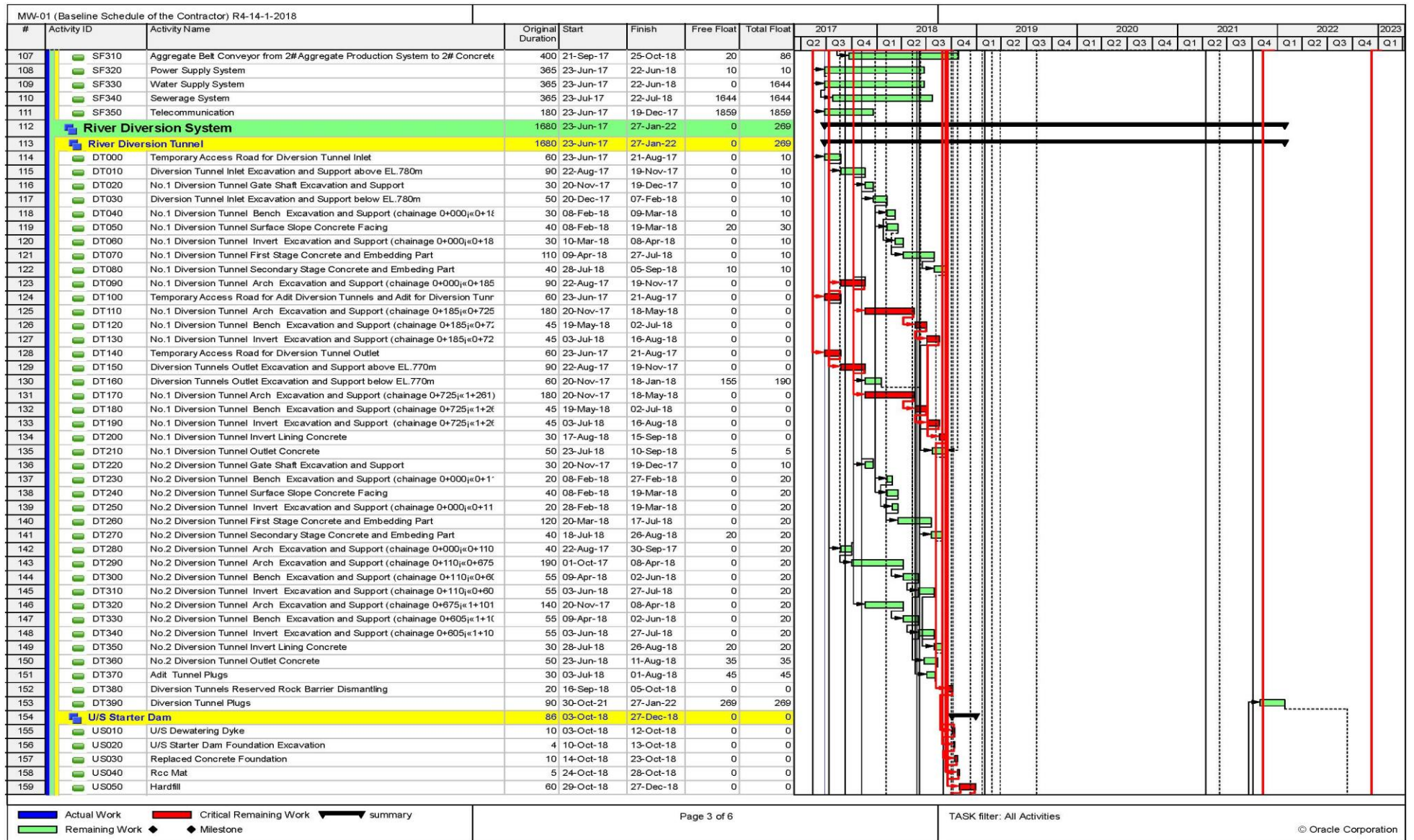


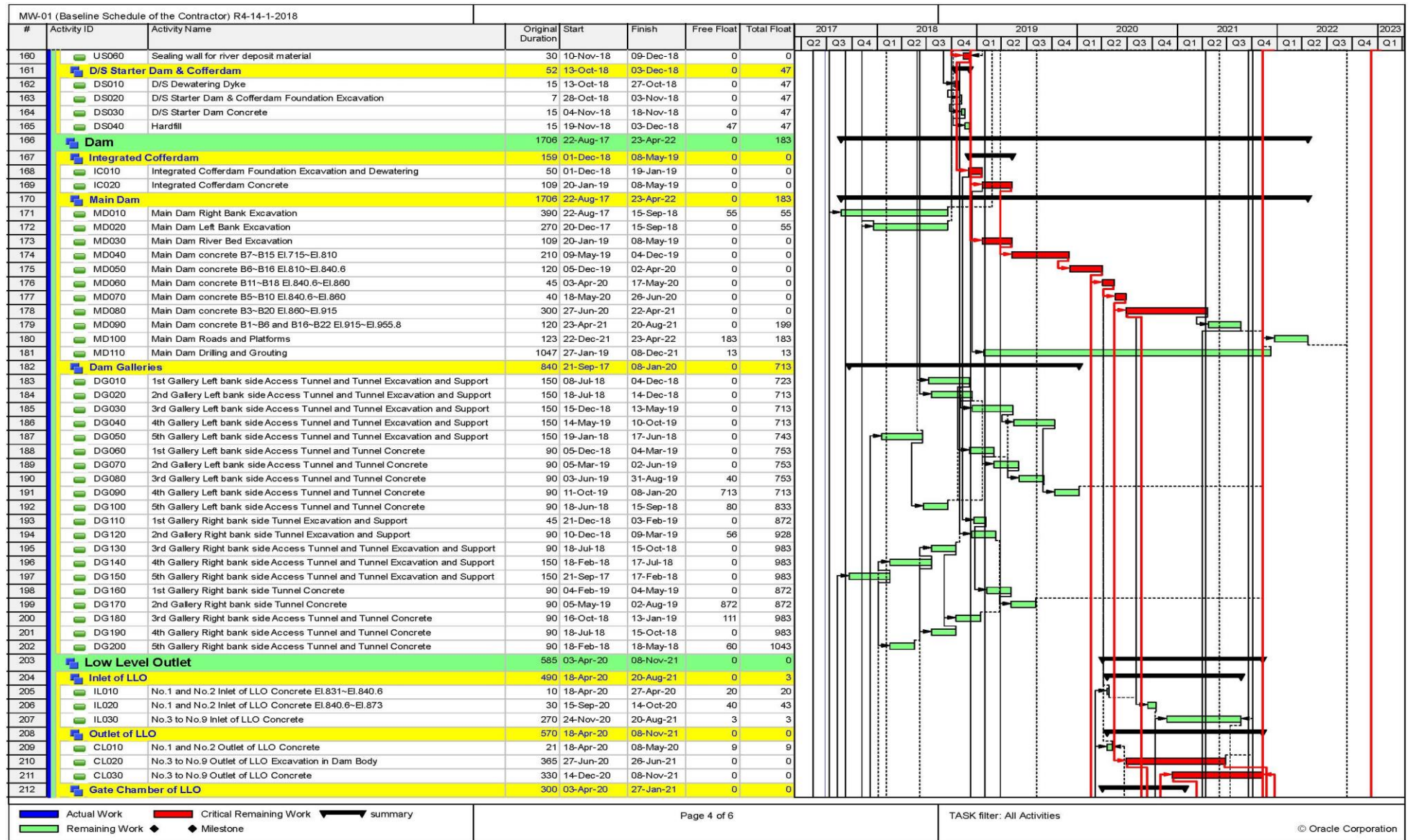
Figure 17: Gantt Chart of Dasu-MW-01 (1 of 6)

Figure 16 [3/6]



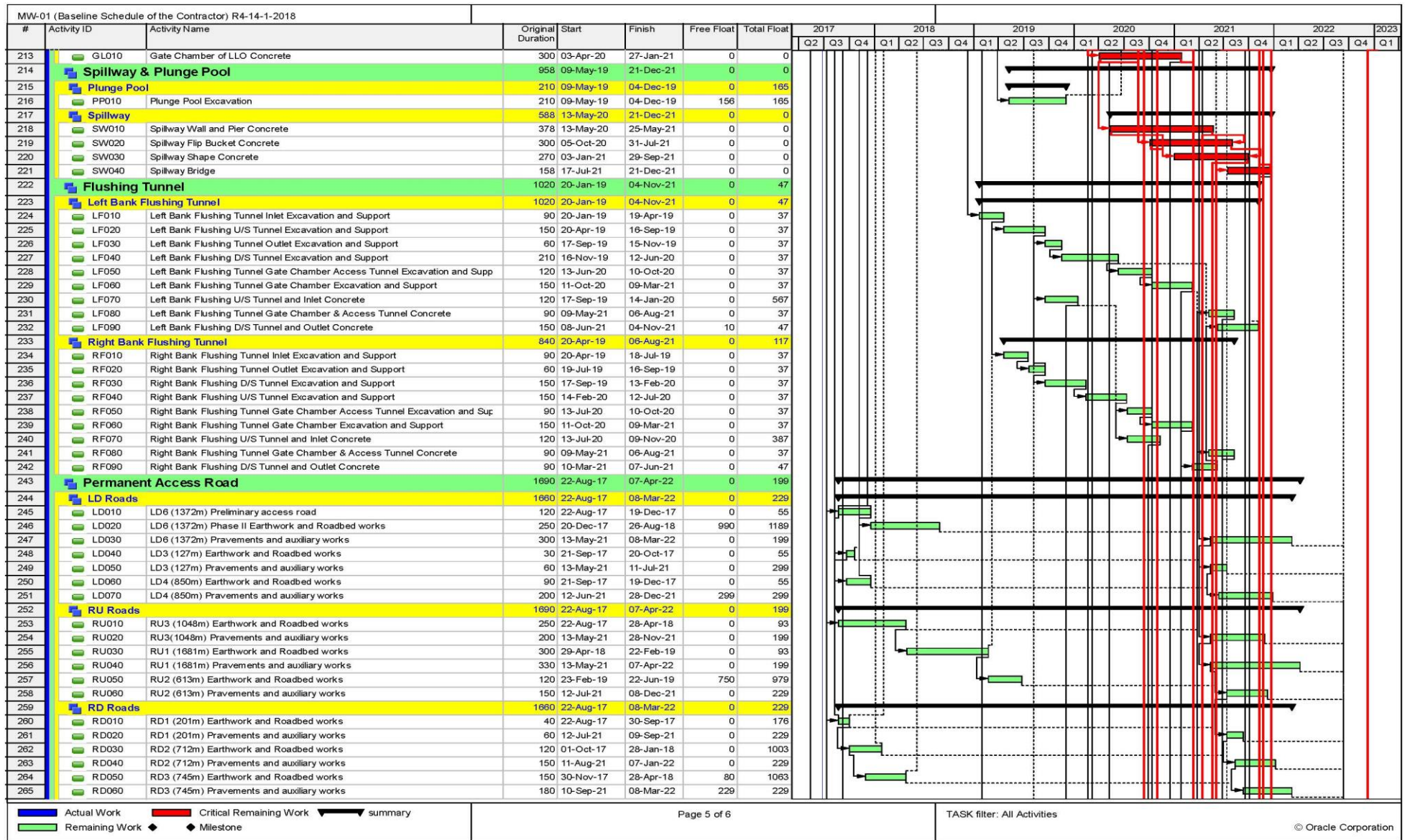
Gantt Chart of Dasu-MW-01 (3 of 6)

Figure 16 [4/6]



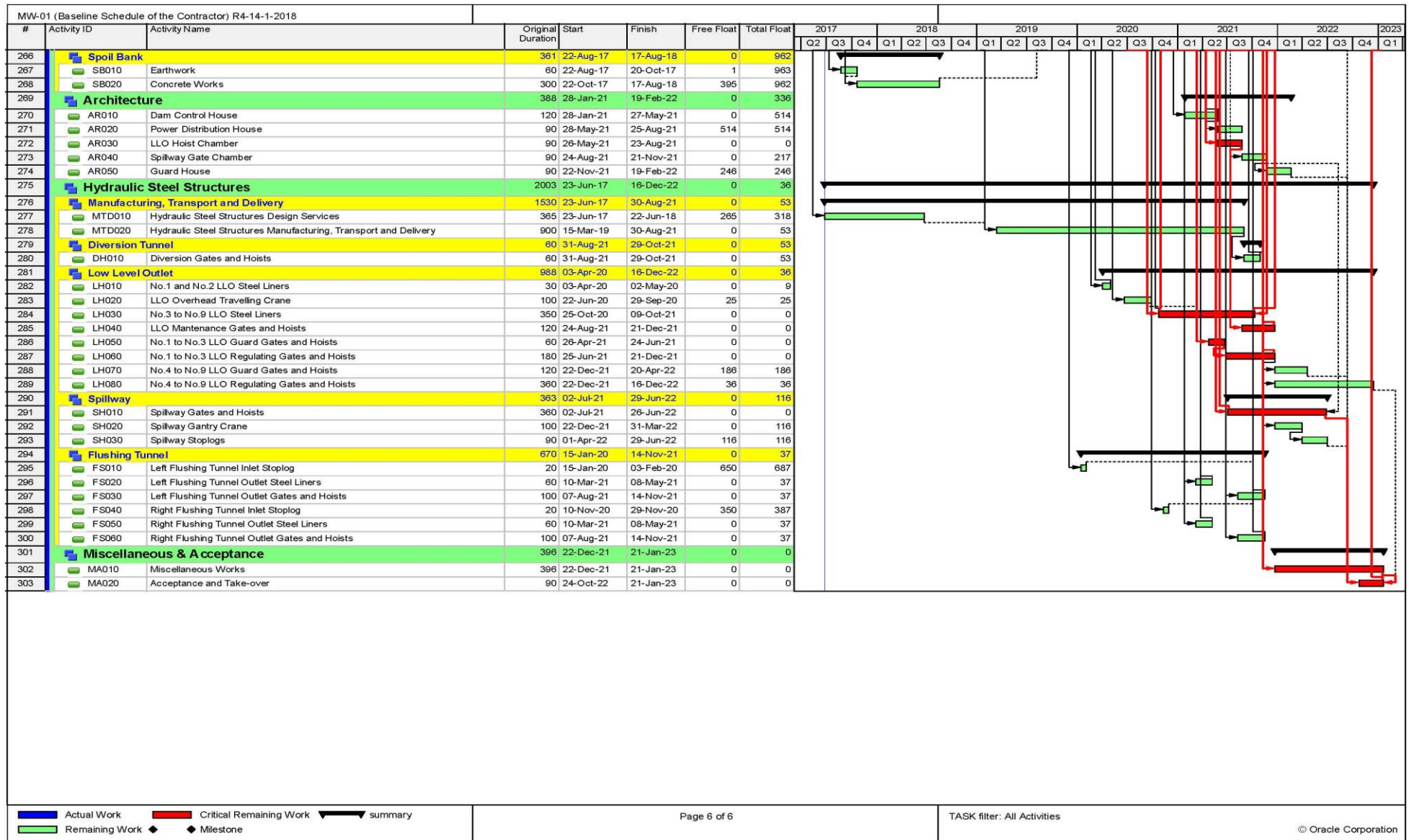
Gantt Chart of Dasu-MW-01 (4 of 6)

Figure 16 [5/6]



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

Figure 16 [6/6]



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

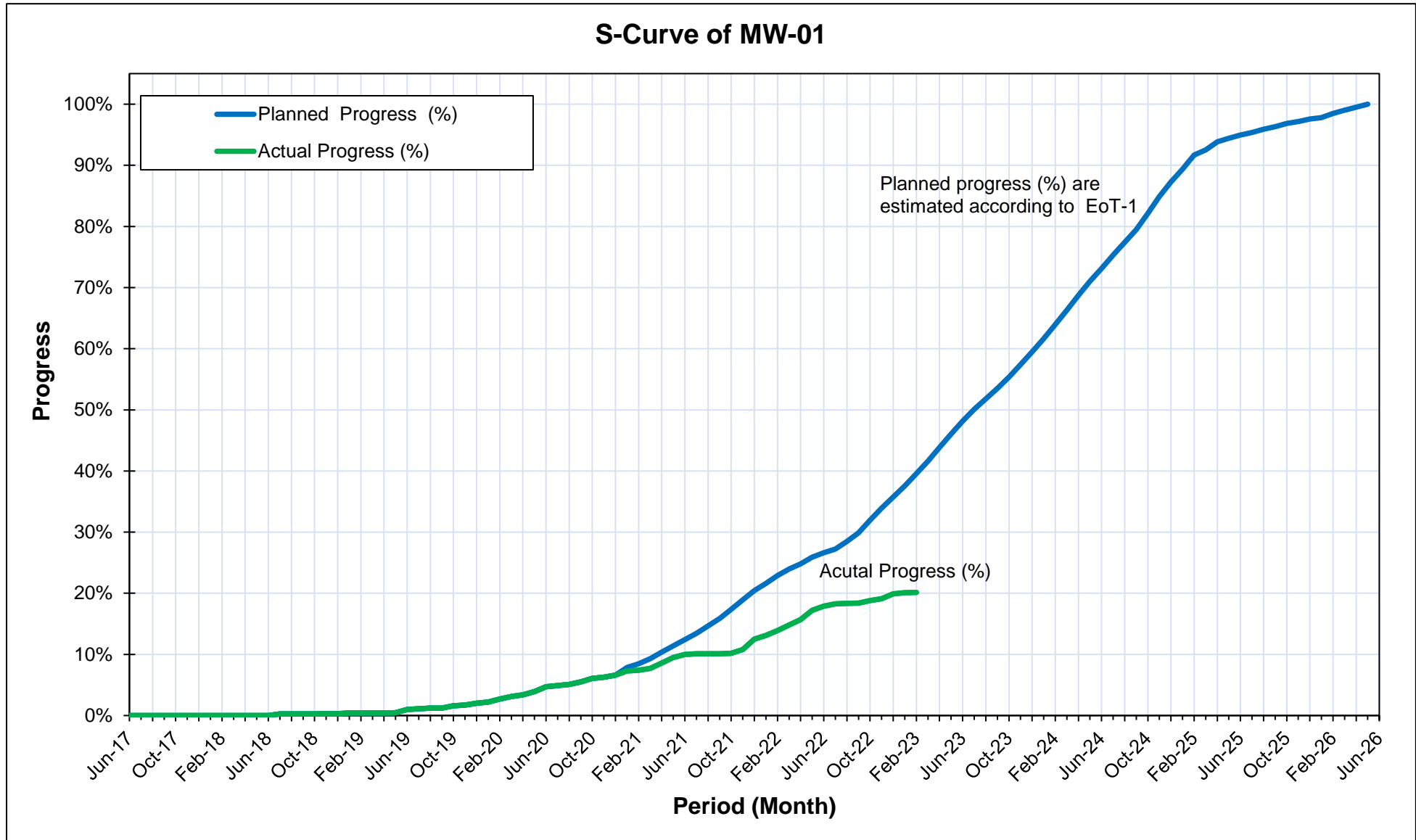


Figure 18: S-Curve for MW-01

Figure 18 [1/8]

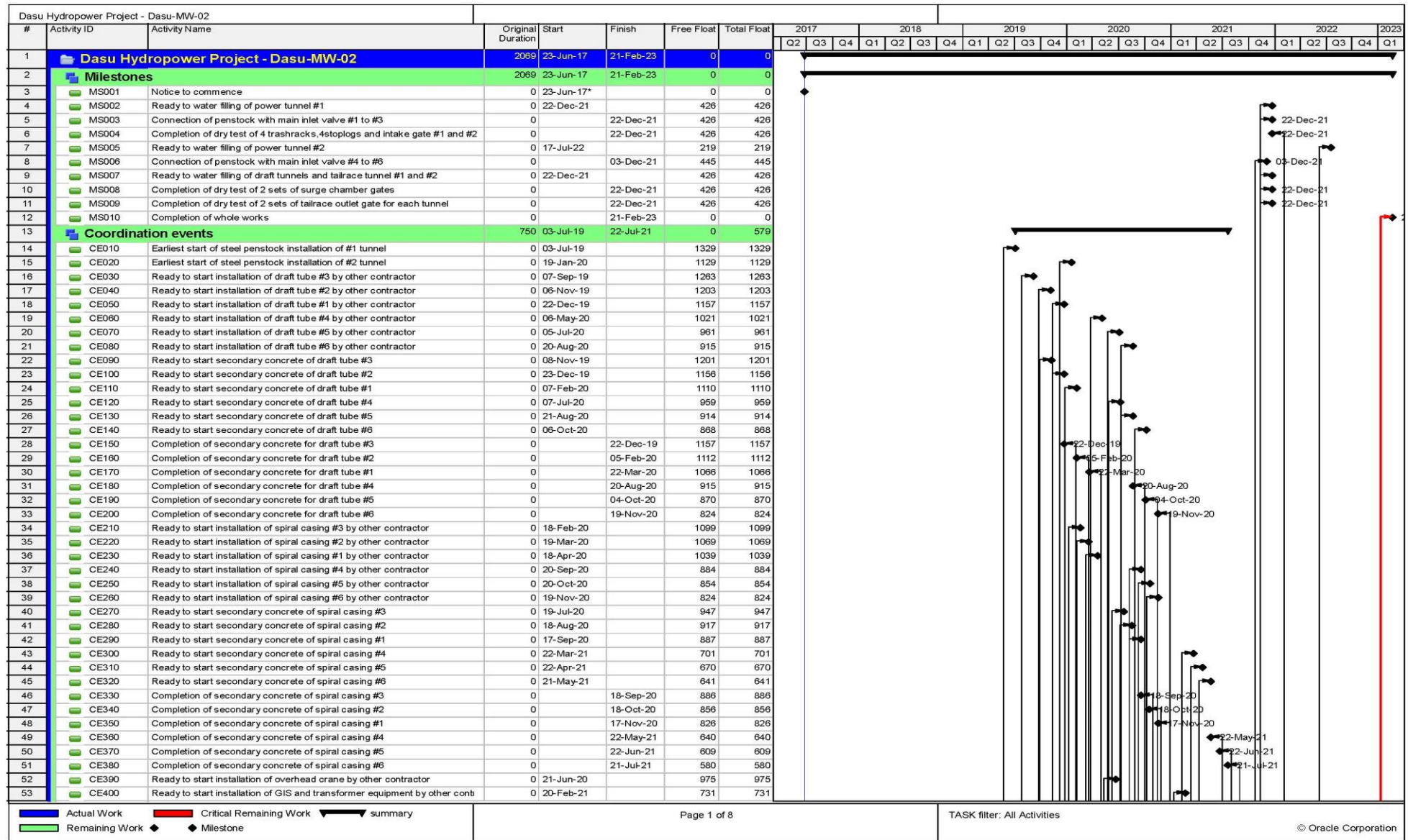
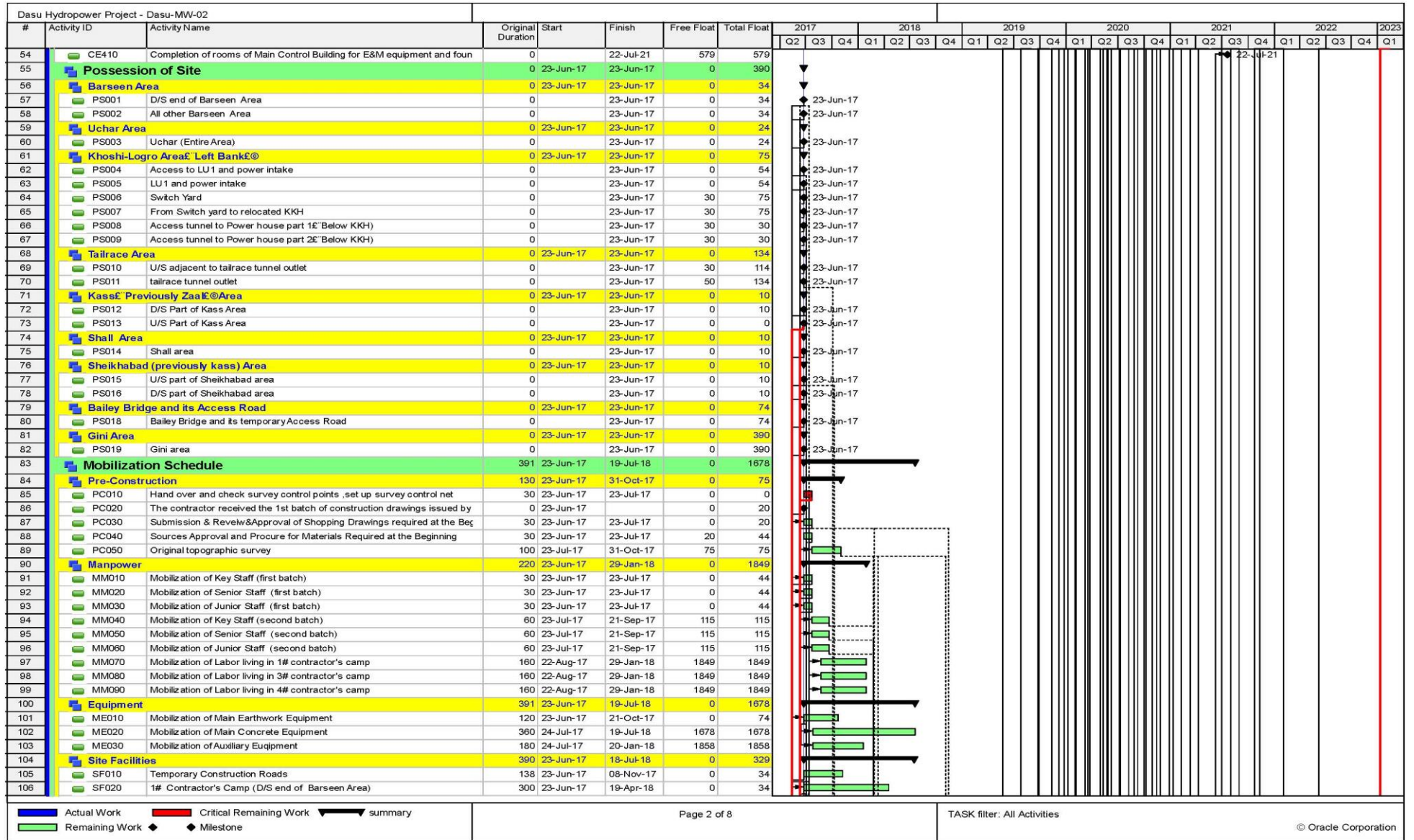


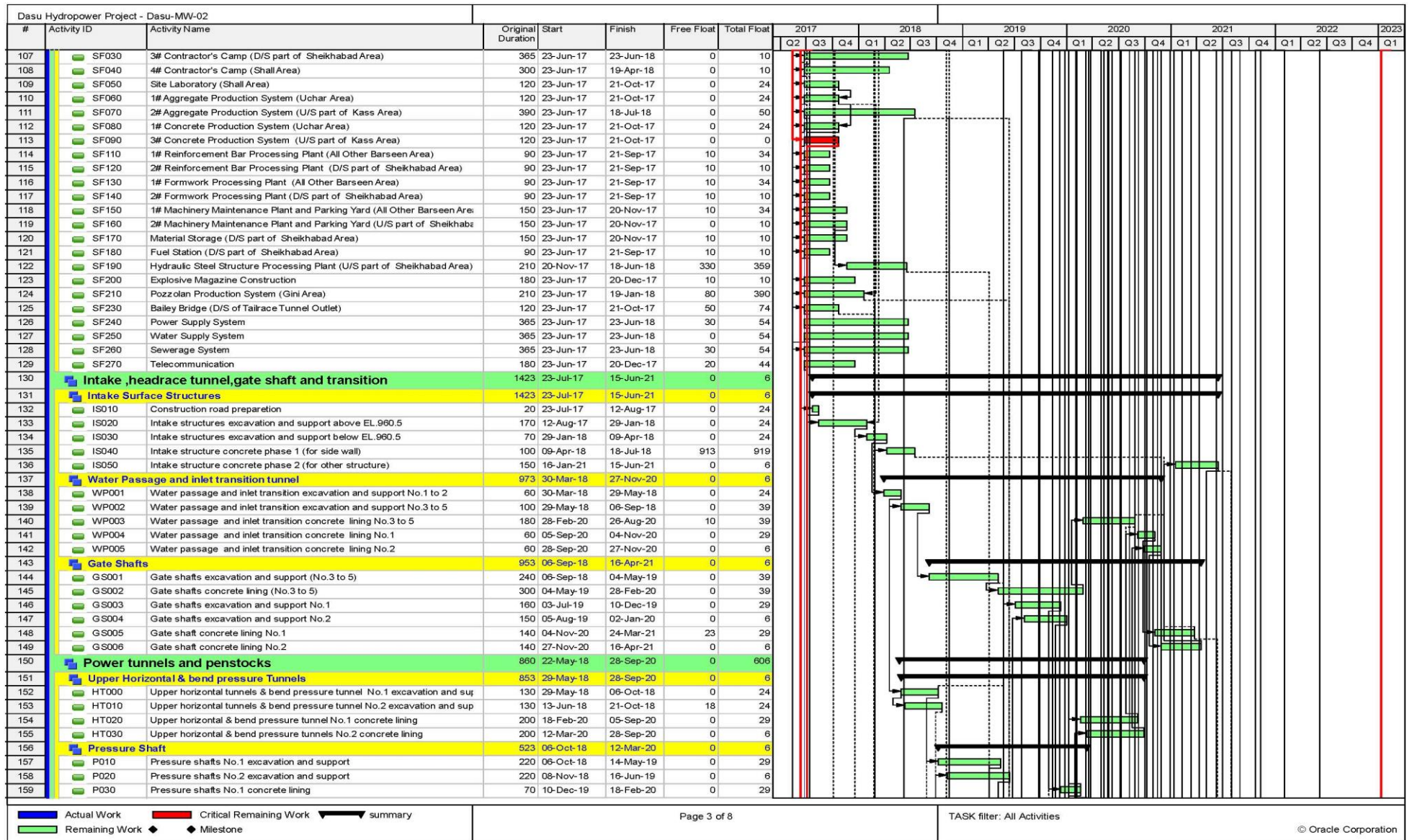
Figure 19: Gantt Chart of Dasu-MW-02 (1 of 8)

Figure 18 [2/8]



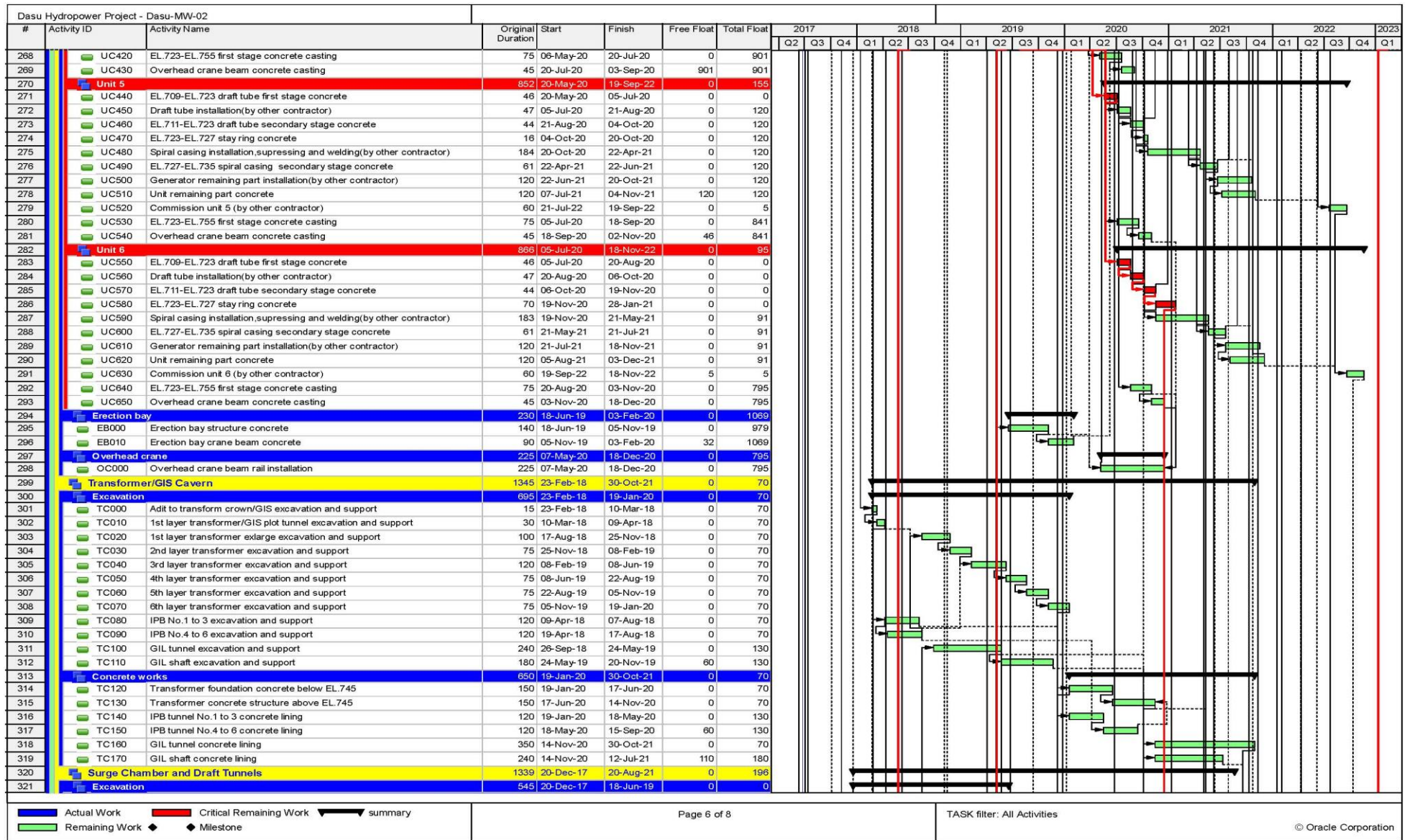
Gantt Chart of Dasu-MW-02 (2 of 8)

Figure 18 [3/8]



Gantt Chart of Dasu-MW-02 (3 of 8)

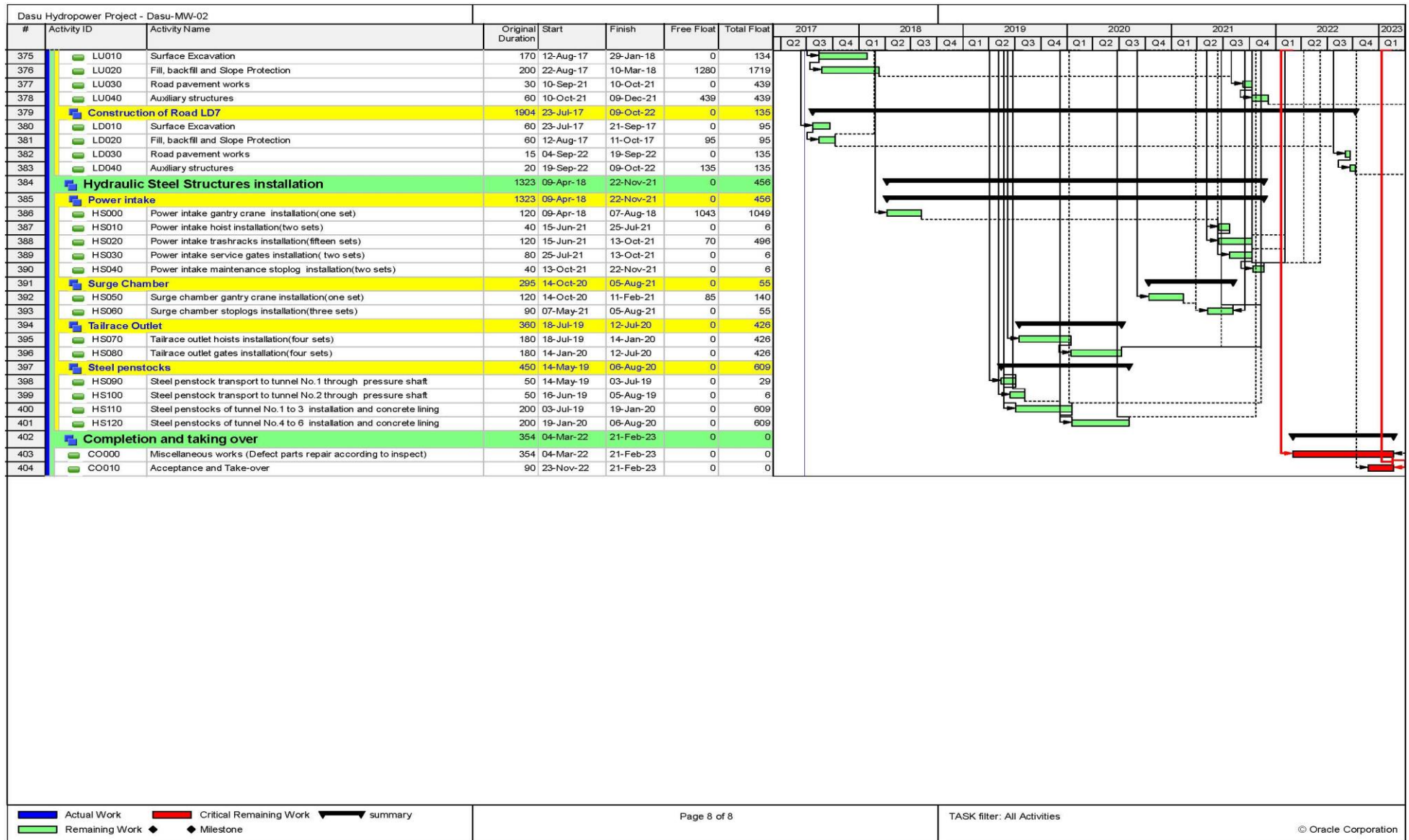
Figure 18 [6/8]



Actual Work Remaining Work Critical Remaining Work summary Milestone

Gantt Chart of Dasu-MW-02 (6 of 8)

Figure 18 [8/8]



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

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

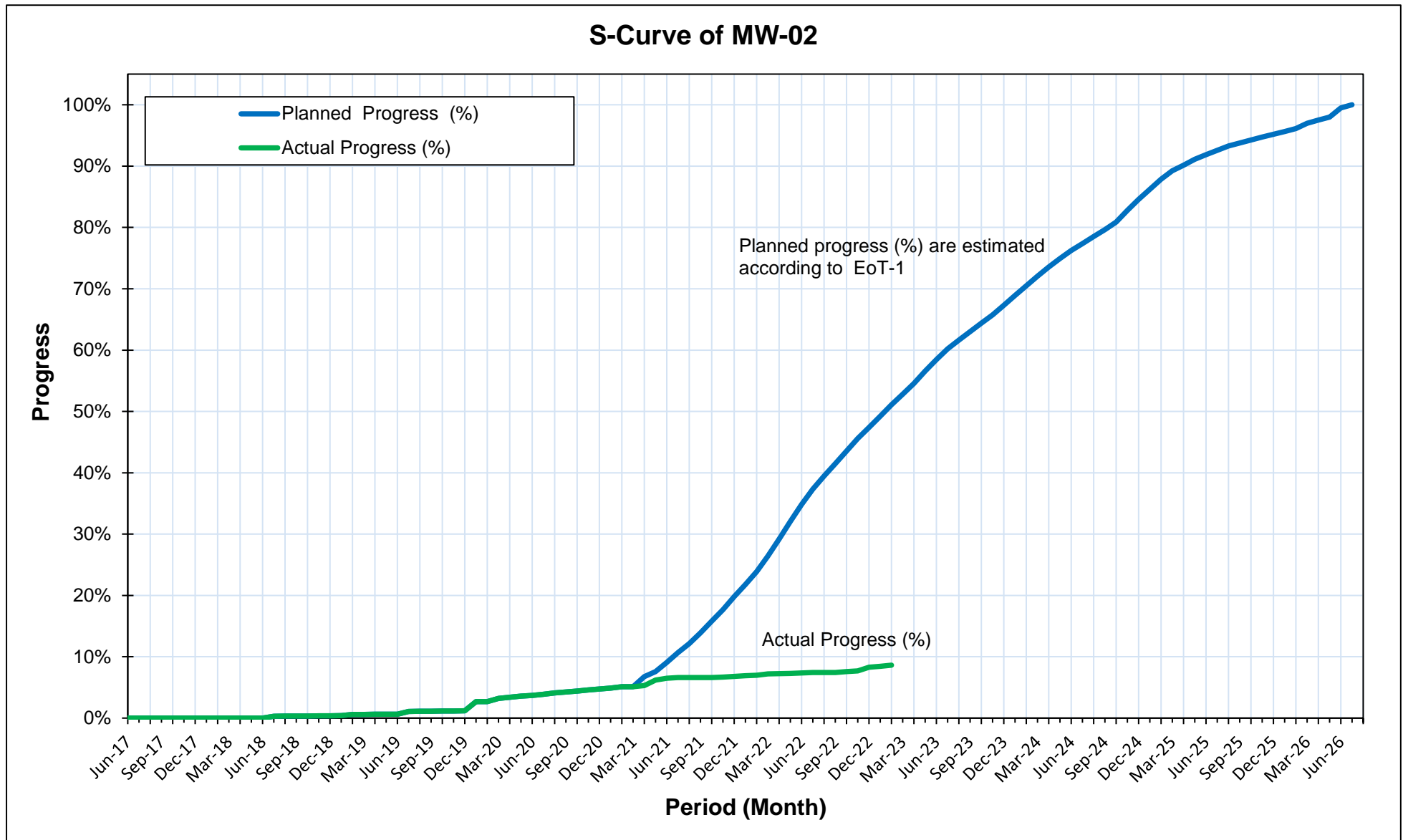


Figure 20: S-Curve for MW-02

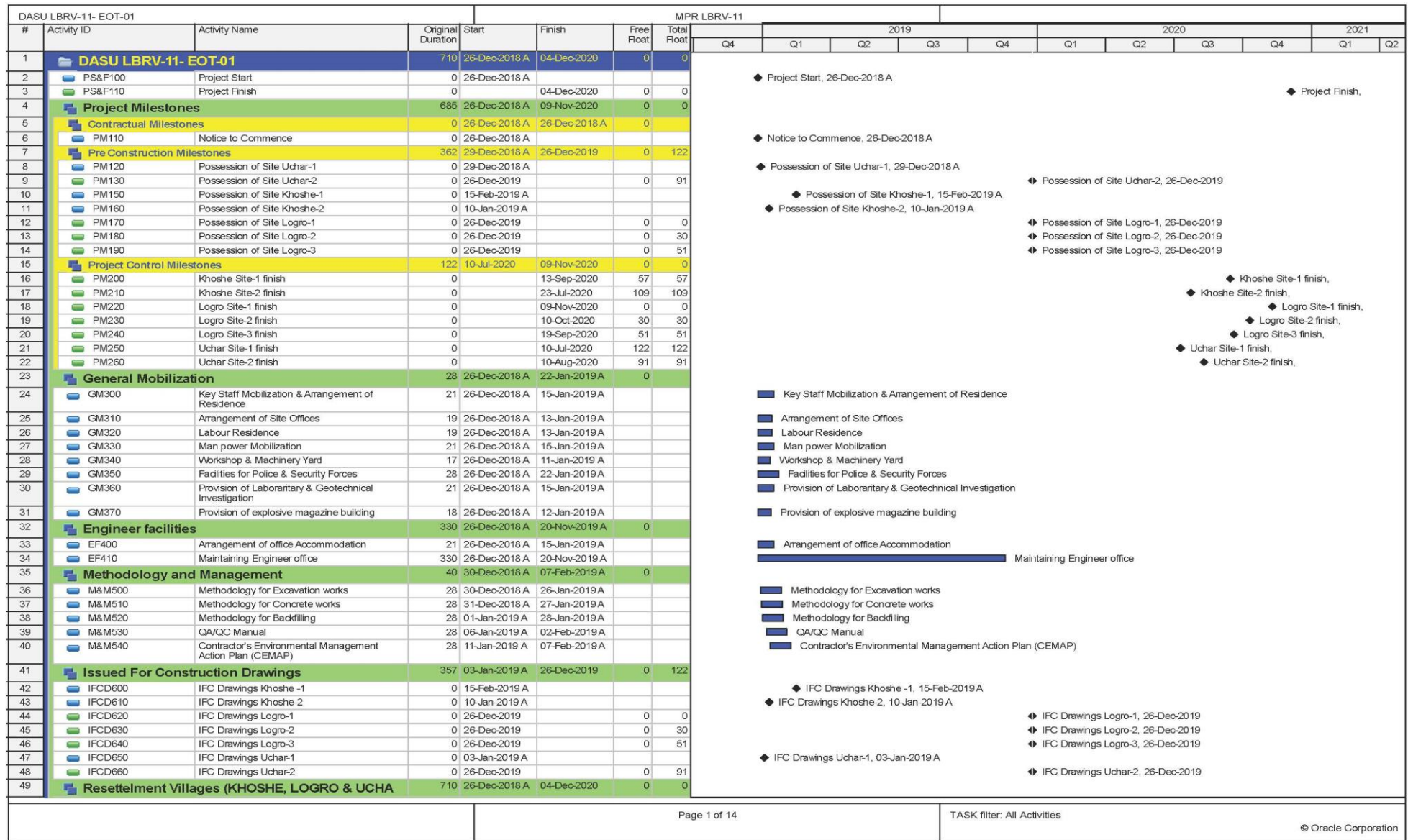
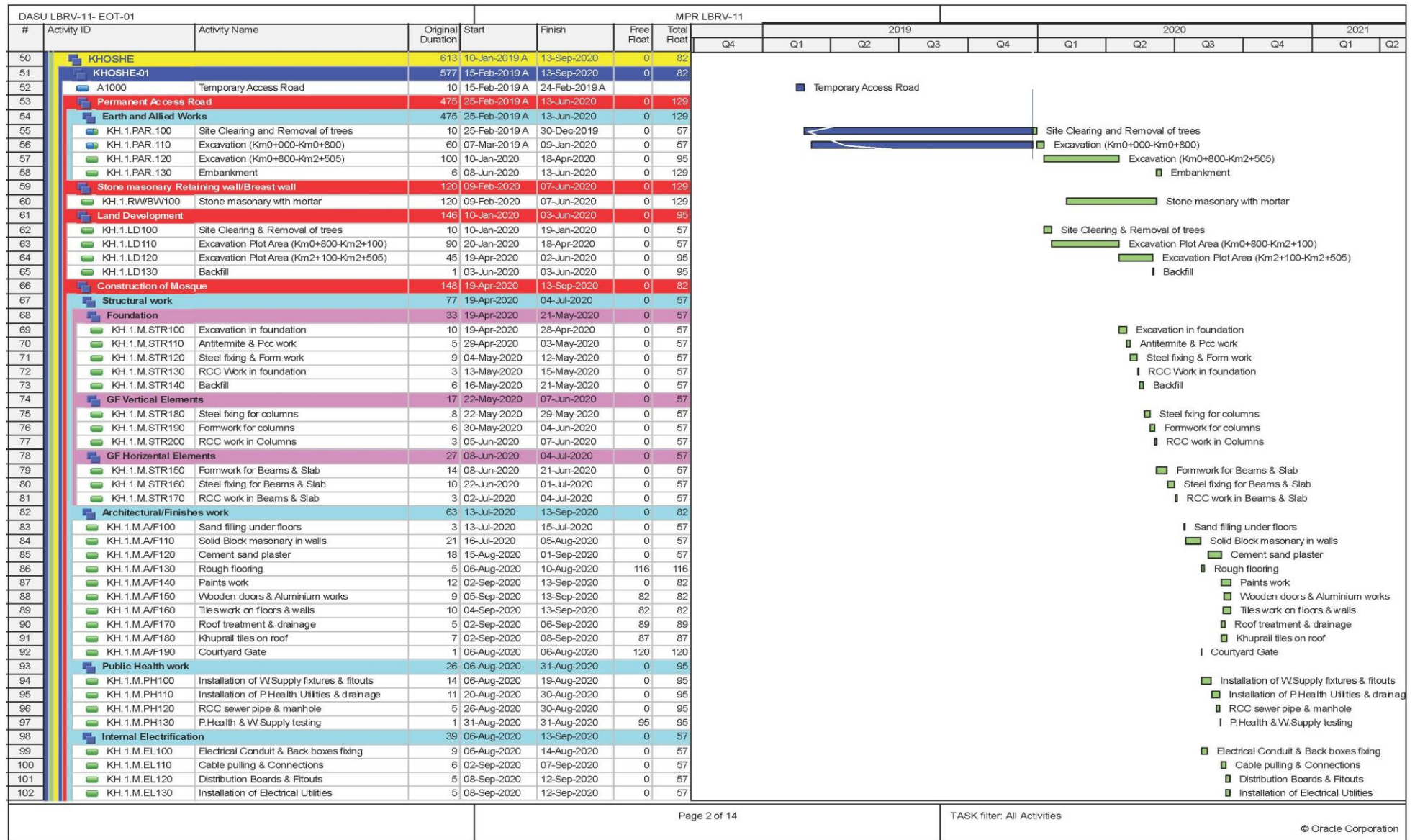
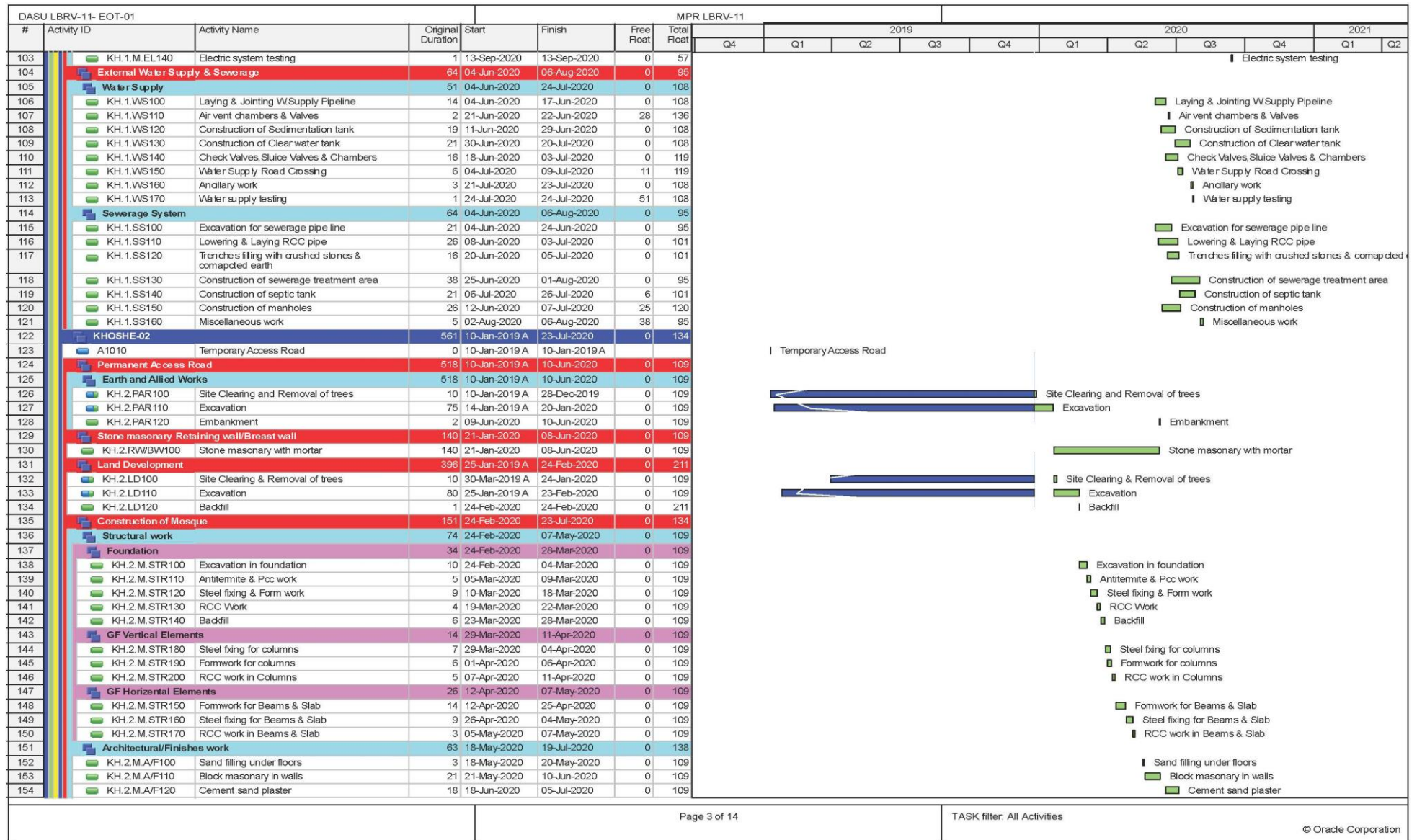


Figure 21: Gantt Chart of Dasu-LBRV-11 (1 of 14)



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															
#	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	
155	KH.2.M.A/F130	Rough flooring	5	11-Jun-2020	15-Jun-2020	172	172												
156	KH.2.M.A/F140	Paints work	14	06-Jul-2020	19-Jul-2020	0	138												
157	KH.2.M.A/F150	Wooden doors & Aluminium works	9	11-Jul-2020	19-Jul-2020	0	138												
158	KH.2.M.A/F160	Tileswork on floors & walls	8	12-Jul-2020	19-Jul-2020	138	138												
159	KH.2.M.A/F170	Roof treatment & drainage	5	06-Jul-2020	10-Jul-2020	147	147												
160	KH.2.M.A/F180	Khuprail tiles on roof	7	06-Jul-2020	12-Jul-2020	145	145												
161	KH.2.M.A/F190	Courtyard Gate	1	11-Jun-2020	11-Jun-2020	176	176												
162	Public Health work		19	11-Jun-2020	29-Jun-2020	0	158												
163	KH.2.M.PH100	Installation of WSupply fixtures & fitouts	10	11-Jun-2020	20-Jun-2020	0	158												
164	KH.2.M.PH110	Installation of P Health Utilities & drainage	8	21-Jun-2020	28-Jun-2020	0	158												
165	KH.2.M.PH120	RCC sewer pipe & manhole	5	24-Jun-2020	28-Jun-2020	0	158												
166	KH.2.M.PH130	P.Health & W.Supply testing	1	29-Jun-2020	29-Jun-2020	158	158												
167	Internal Electrification		43	11-Jun-2020	23-Jul-2020	0	109												
168	KH.2.M.EL100	Electrical Conduit & Back boxes fixing	7	11-Jun-2020	17-Jun-2020	0	109												
169	KH.2.M.EL110	Cable pulling & Connections	6	06-Jul-2020	11-Jul-2020	0	109												
170	KH.2.M.EL120	Distribution Boards & Fitouts	5	12-Jul-2020	16-Jul-2020	0	109												
171	KH.2.M.EL130	Installation of Electrical Utilities	6	17-Jul-2020	22-Jul-2020	0	109												
172	KH.2.M.EL140	Electric system testing	1	23-Jul-2020	23-Jul-2020	0	109												
173	External Water Supply & Sewerage		48	25-Feb-2020	12-Apr-2020	0	211												
174	Water Supply		42	02-Mar-2020	12-Apr-2020	0	211												
175	KH.2.WS100	Laying & Jointing WSupply Pipeline	14	02-Mar-2020	15-Mar-2020	0	211												
176	KH.2.WS110	Air vent chambers & Valves	2	16-Mar-2020	17-Mar-2020	17	228												
177	KH.2.WS120	Construction of Sedimentation tank	19	14-Mar-2020	01-Apr-2020	0	211												
178	KH.2.WS130	Construction of Clear water tank	21	14-Mar-2020	03-Apr-2020	0	211												
179	KH.2.WS150	Check Valves,Sluice Valves & Chambers	12	16-Mar-2020	27-Mar-2020	7	218												
180	KH.2.WS160	WSupply Road & Nullah crossing	6	16-Mar-2020	21-Mar-2020	13	224												
181	KH.2.WS170	Ancillary work	3	04-Apr-2020	06-Apr-2020	0	211												
182	KH.2.WS180	Water supply testing	1	12-Apr-2020	12-Apr-2020	102	211												
183	Sewerage System		45	25-Feb-2020	09-Apr-2020	0	214												
184	KH.2.SS100	Excavation for sewerage pipe line	13	25-Feb-2020	08-Mar-2020	0	214												
185	KH.2.SS110	Lowering & Laying RCC pipe	12	29-Feb-2020	11-Mar-2020	0	214												
186	KH.2.SS120	Trenches filling with crushed stones & compacted earth	12	03-Mar-2020	14-Mar-2020	0	214												
187	KH.2.SS130	Construction of sewerage treatment area	12	09-Mar-2020	20-Mar-2020	15	229												
188	KH.2.SS140	Construction of septic tank	21	15-Mar-2020	04-Apr-2020	0	214												
189	KH.2.SS150	Construction of manholes	16	29-Feb-2020	15-Mar-2020	20	234												
190	KH.2.SS160	Miscellaneous work	5	05-Apr-2020	09-Apr-2020	105	214												
191	LOGRO		320	26-Dec-2019	09-Nov-2020	0	25												
192	LOGRO-01		320	26-Dec-2019	09-Nov-2020	0	25												
193	LG.1.TAR.100	Temporary Access Road	18	26-Dec-2019	12-Jan-2020	0	0												
194	Permanent Access Road		234	13-Jan-2020	02-Sep-2020	0	53												
195	Earth and Allied Works		234	13-Jan-2020	02-Sep-2020	0	53												
196	LG.1.PAR.100	Site Clearing and Removal of trees	10	13-Jan-2020	22-Jan-2020	0	0												
197	LG.1.PAR.110	Excavation Link-1	65	16-Jan-2020	20-Mar-2020	0	0												
198	LG.1.PAR.130	Excavation Link-2	45	21-Mar-2020	04-May-2020	0	40												
199	LG.1.PAR.140	Excavation Link-3	35	05-May-2020	08-Jun-2020	0	40												
200	LG.1.PAR.150	Embankment	6	28-Aug-2020	02-Sep-2020	0	53												
201	Stone masonry Retaining wall/Breast wall		160	21-Mar-2020	27-Aug-2020	0	53												
202	LG.1.RW/BW100	Stone masonry with mortar	160	21-Mar-2020	27-Aug-2020	0	53												
203	Land Development		100	21-Mar-2020	28-Jun-2020	0	114												
204	LG.1.LD100	Site Clearing & Removal of trees	10	21-Mar-2020	30-Mar-2020	0	0												
205	LG.1.LD110	Excavation (Link-1 Plot Area)	45	21-Mar-2020	04-May-2020	0	0												
206	LG.1.LD120	Excavation (Link-2 Plot Area)	35	05-May-2020	08-Jun-2020	0	0												

- Rough flooring
- Paints work
- Wooden doors & Aluminium works
- Tileswork on floors & walls
- Roof treatment & drainage
- Khuprail tiles on roof
- Courtyard Gate
- Installation of WSupply fixtures & fitouts
- Installation of P Health Utilities & drainage
- RCC sewer pipe & manhole
- P.Health & W.Supply testing
- Electrical Conduit & Back boxes fixing
- Cable pulling & Connections
- Distribution Boards & Fitouts
- Installation of Electrical Utilities
- Electric system testing
- Laying & Jointing WSupply Pipeline
- Air vent chambers & Valves
- Construction of Sedimentation tank
- Construction of Clear water tank
- Check Valves,Sluice Valves & Chambers
- WSupply Road & Nullah crossing
- Ancillary work
- Water supply testing
- Excavation for sewerage pipe line
- Lowering & Laying RCC pipe
- Trenches filling with crushed stones & compacted earth
- Construction of sewerage treatment area
- Construction of septic tank
- Construction of manholes
- Miscellaneous work
- Temporary Access Road
- Site Clearing and Removal of trees
- Excavation Link-1
- Excavation Link-2
- Excavation Link-3
- Embankment
- Stone masonry with mortar
- Site Clearing & Removal of trees
- Excavation (Link-1 Plot Area)
- Excavation (Link-2 Plot Area)

Gantt Chart of Dasu-LBRV-11 (4 of 14)

Figure 20 [5/14]

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	Khuprail 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 PHealth 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	PHealth & 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)

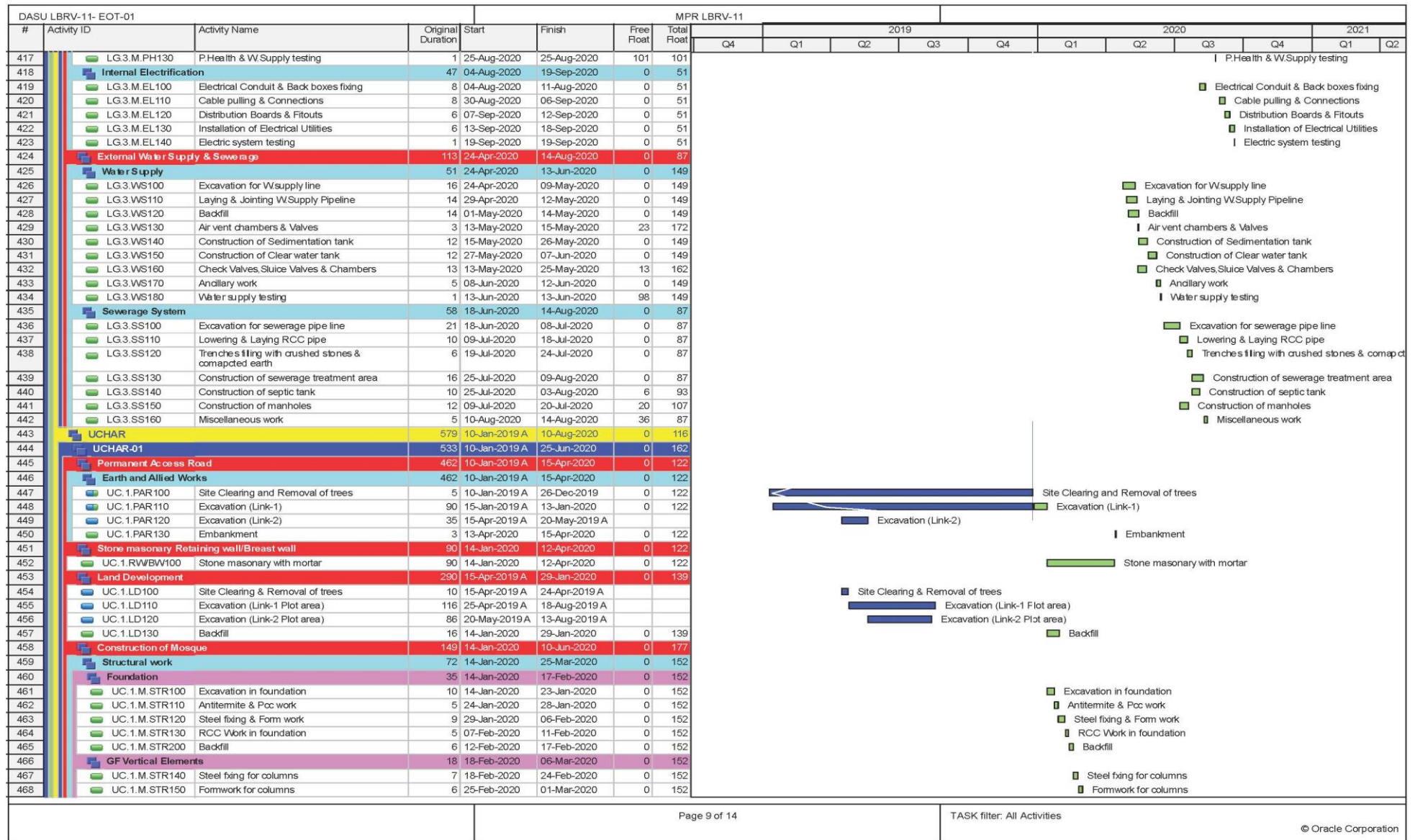
Figure 20 [8/14]

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 PHealth 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												

- Excavation for sewerage pipe line
- Lowering & Laying RCC pipe
- Trenches filling with crushed stones & compacted earth
- Construction of sewerage treatment area
- Construction of septic tanks
- Construction of manholes
- Miscellaneous work
- Site Clearing and Removal of trees
- Excavation (Km0+000-Km0+300)
- Excavation (Km0+300-Km0+698)
- Embankment
- Stone masonry with mortar
- Site Clearing & Removal of trees
- Excavation (Km0+300-Km0+400) Plot Area
- Excavation (Km0+600-Km0+700) Plot Area
- Backfill
- Excavation in foundation
- Antitermite & Pcc work
- Steel fixing & Form work
- RCC Work in foundation
- Backfill
- Steel fixing for columns
- Formwork for columns
- RCC work in Columns
- Formwork for Beams & Slab
- Steel fixing for Beams & Slab
- RCC work in Beams & Slab
- Sand filling under floors
- Solid Block masonry in walls
- Cement sand plaster
- Rough flooring
- Paints work
- Wooden doors & Aluminium works
- Tiles work on floors & walls
- Khuprail tiles on roof
- Roof treatment & drainage
- Courtyard Gate
- Installation of WSupply fixtures & fitouts
- Installation of P.Health Utilities & drainage
- RCC sewer pipe & manhole

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

Figure 20 [9/14]



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

Figure 20 [10/14]

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												

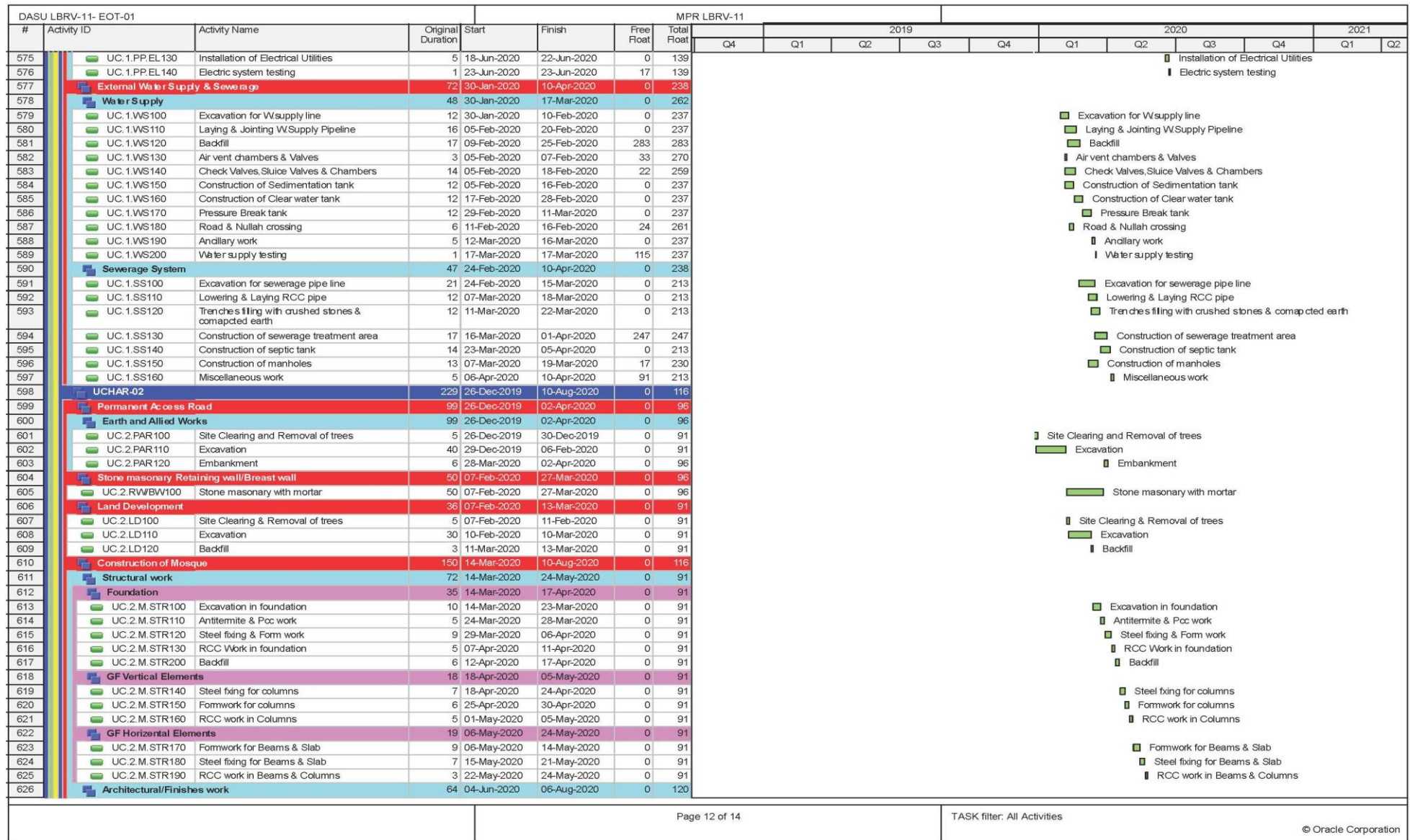
Gantt Chart of Dasu-LBRV-11 (10 of 14)

Figure 20 [11/14]

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.EL100	Electrical Conduit & Back boxes fixing	10	19-May-2020	28-May-2020	0	139											■ Electrical Conduit & Back boxes fixing
573	UC.1.PP.EL110	Cable pulling & Connections	7	10-Jun-2020	16-Jun-2020	0	139											■ Cable pulling & Connections
574	UC.1.PP.EL120	Distribution Boards & Fitouts	6	17-Jun-2020	22-Jun-2020	0	139											■ Distribution Boards & Fitouts

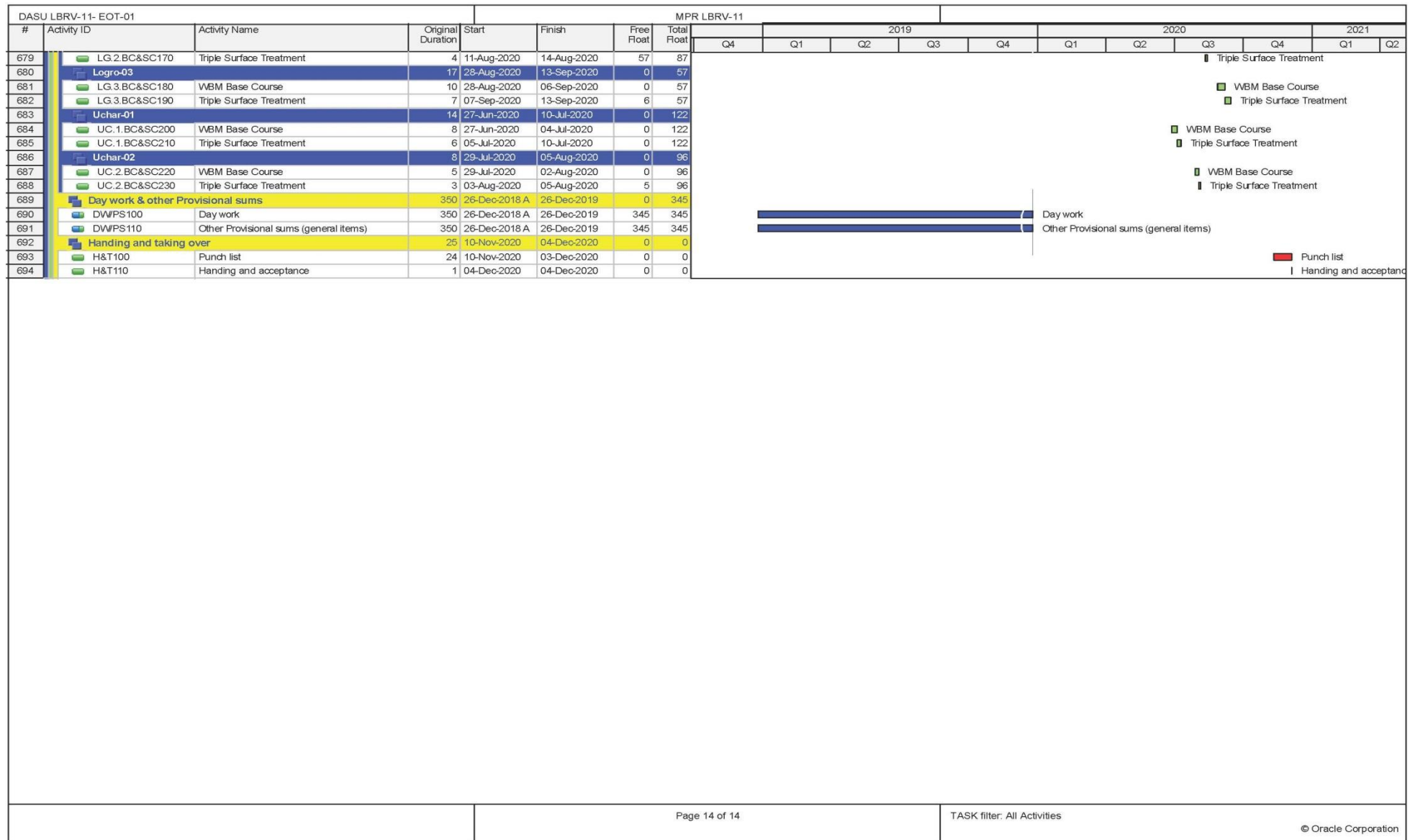
Gantt Chart of Dasu-LBRV-11 (11 of 14)

Figure 20 [12/14]



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

Figure 20 [14/14]



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

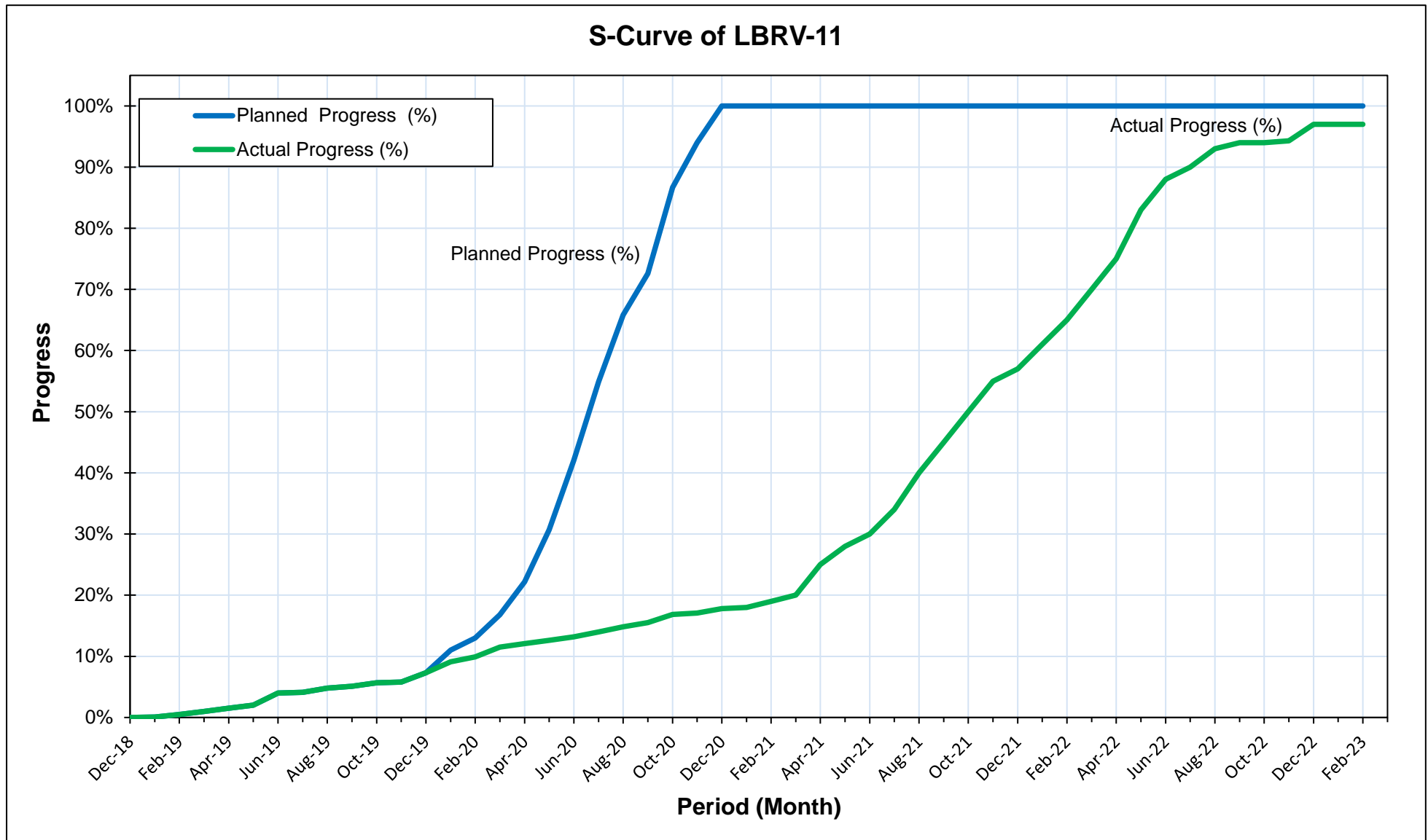


Figure 22: S-Curve for LBRV-11

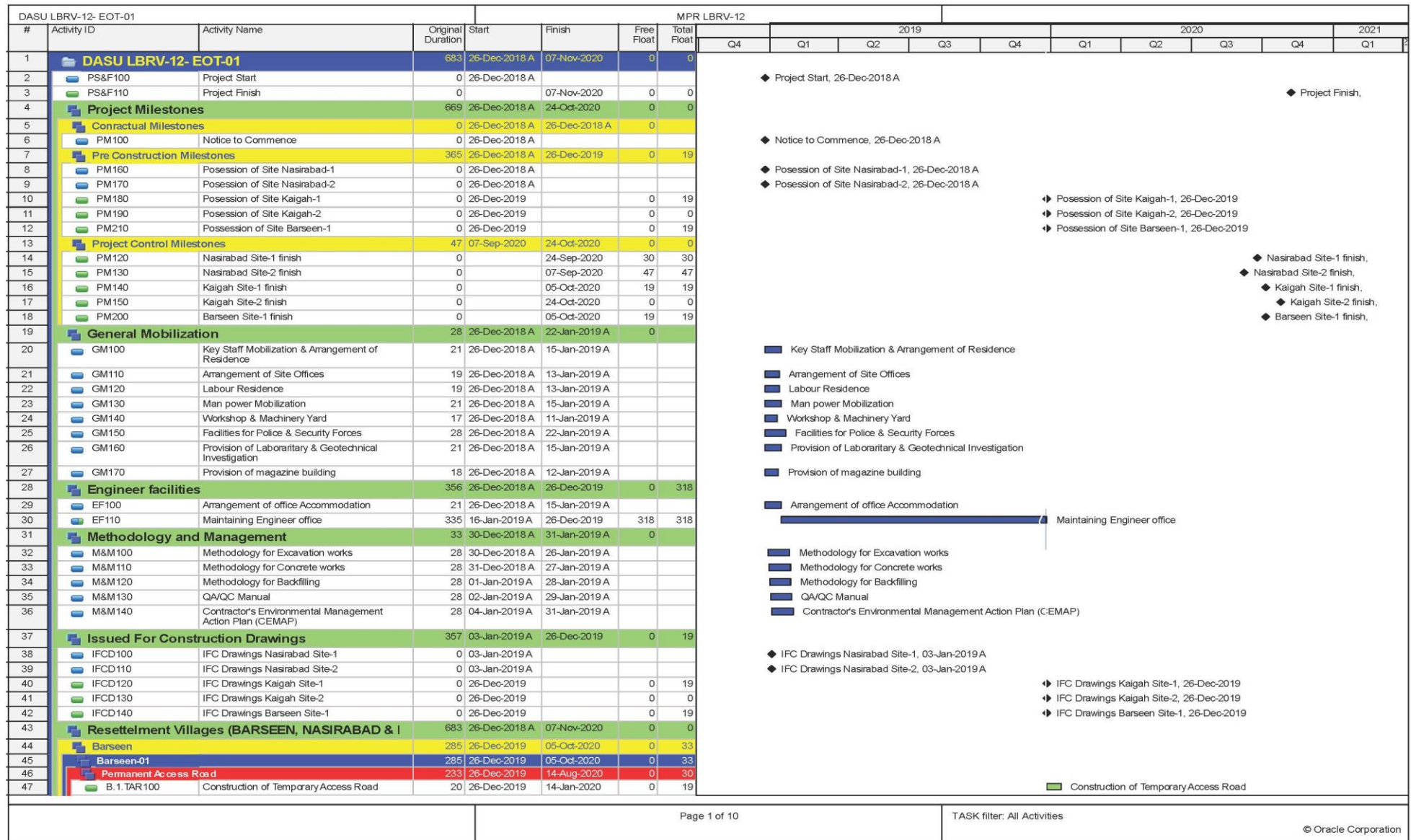
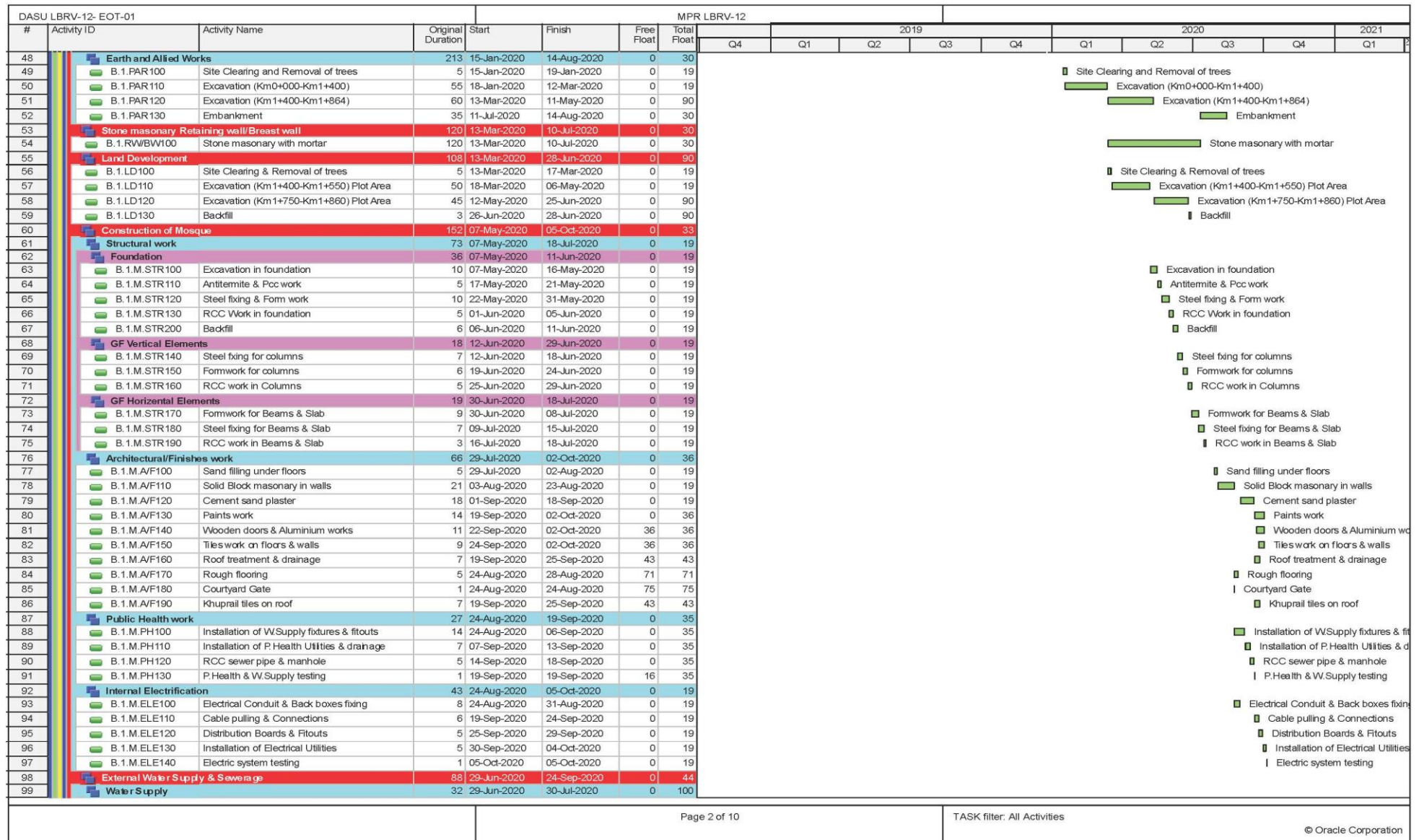
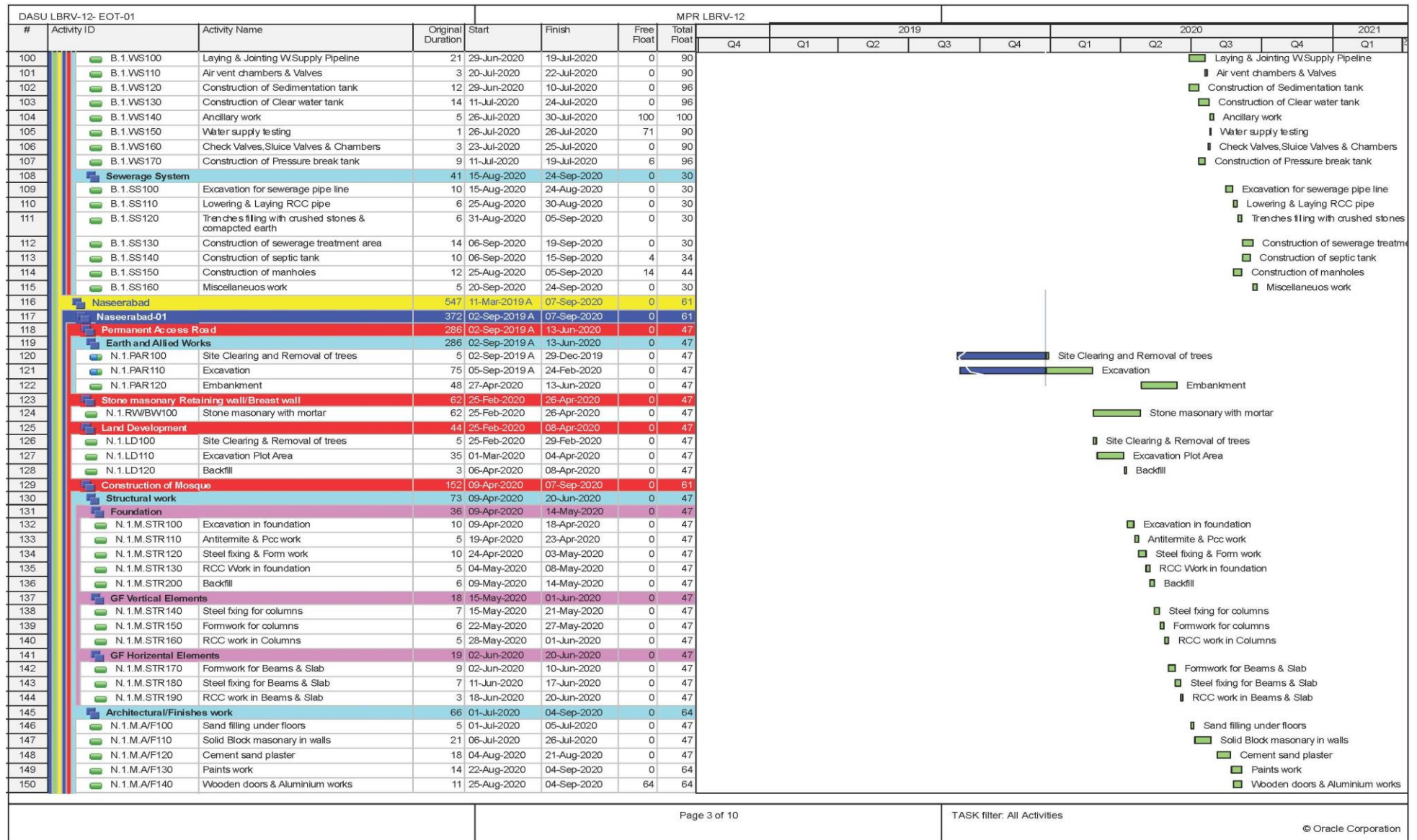


Figure 23: Gantt Chart of Dasu-LBRV-12 (1 of 10)

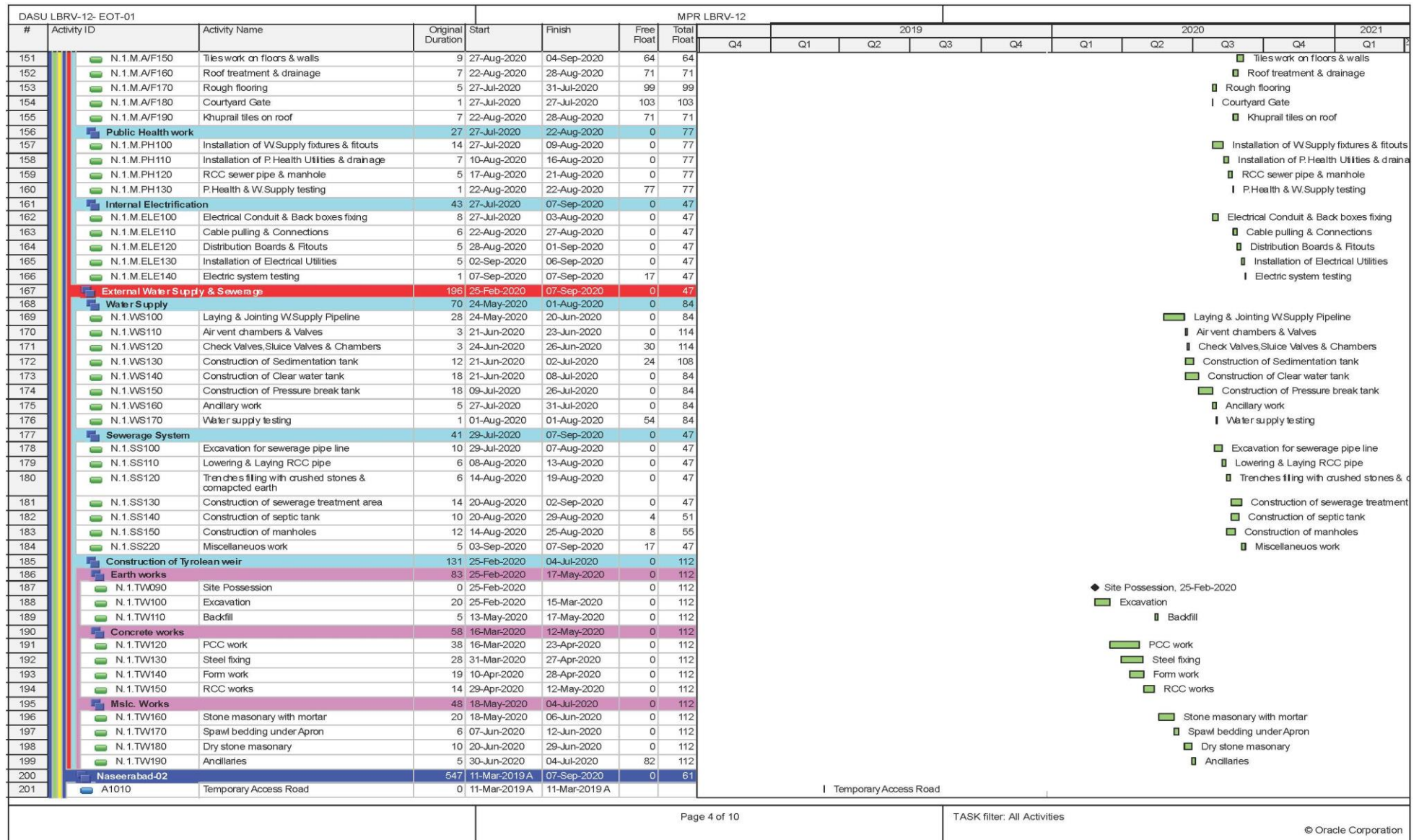


Gantt Chart of Dasu-LBRV-12 (2 of 10)

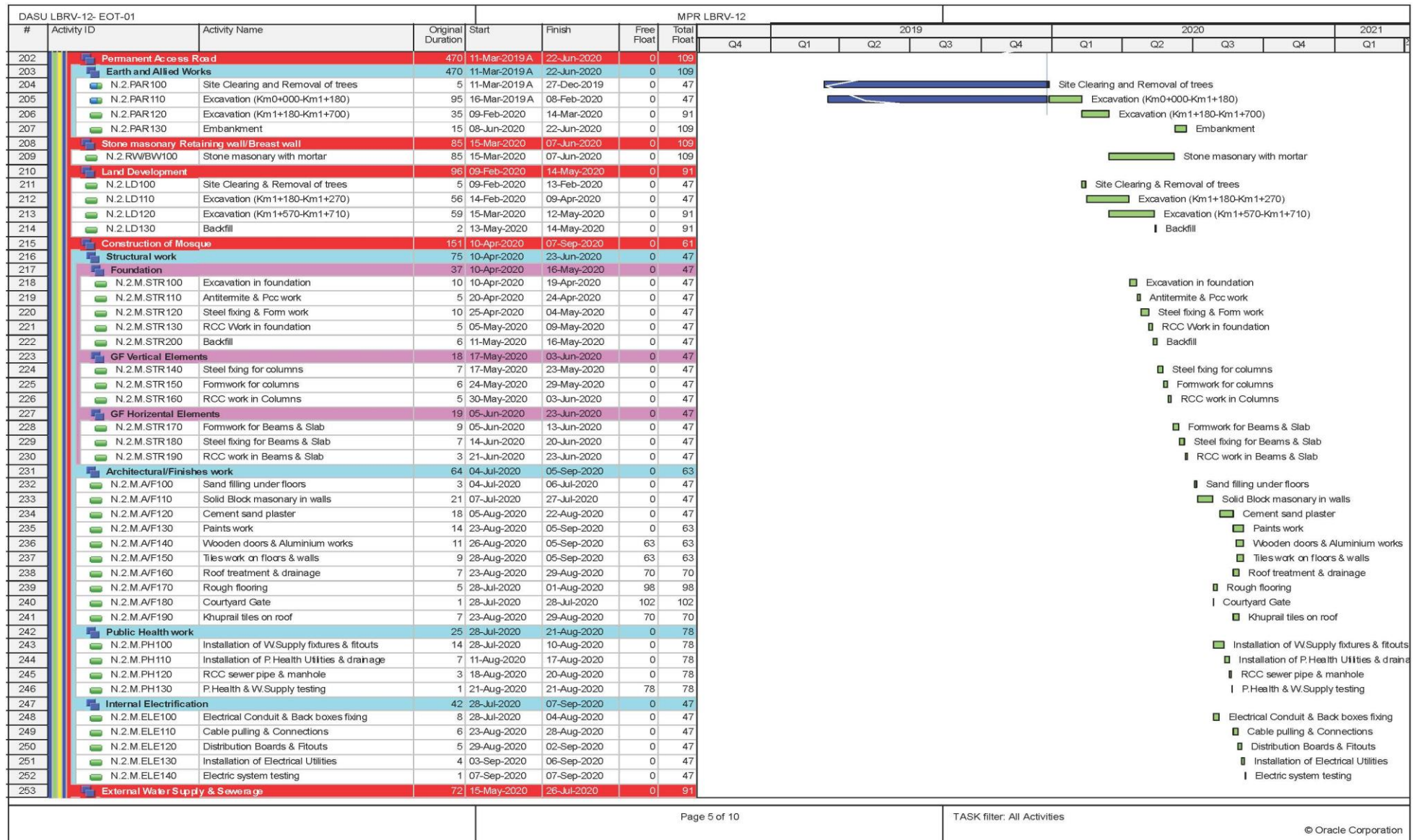
Figure 22 [3/10]



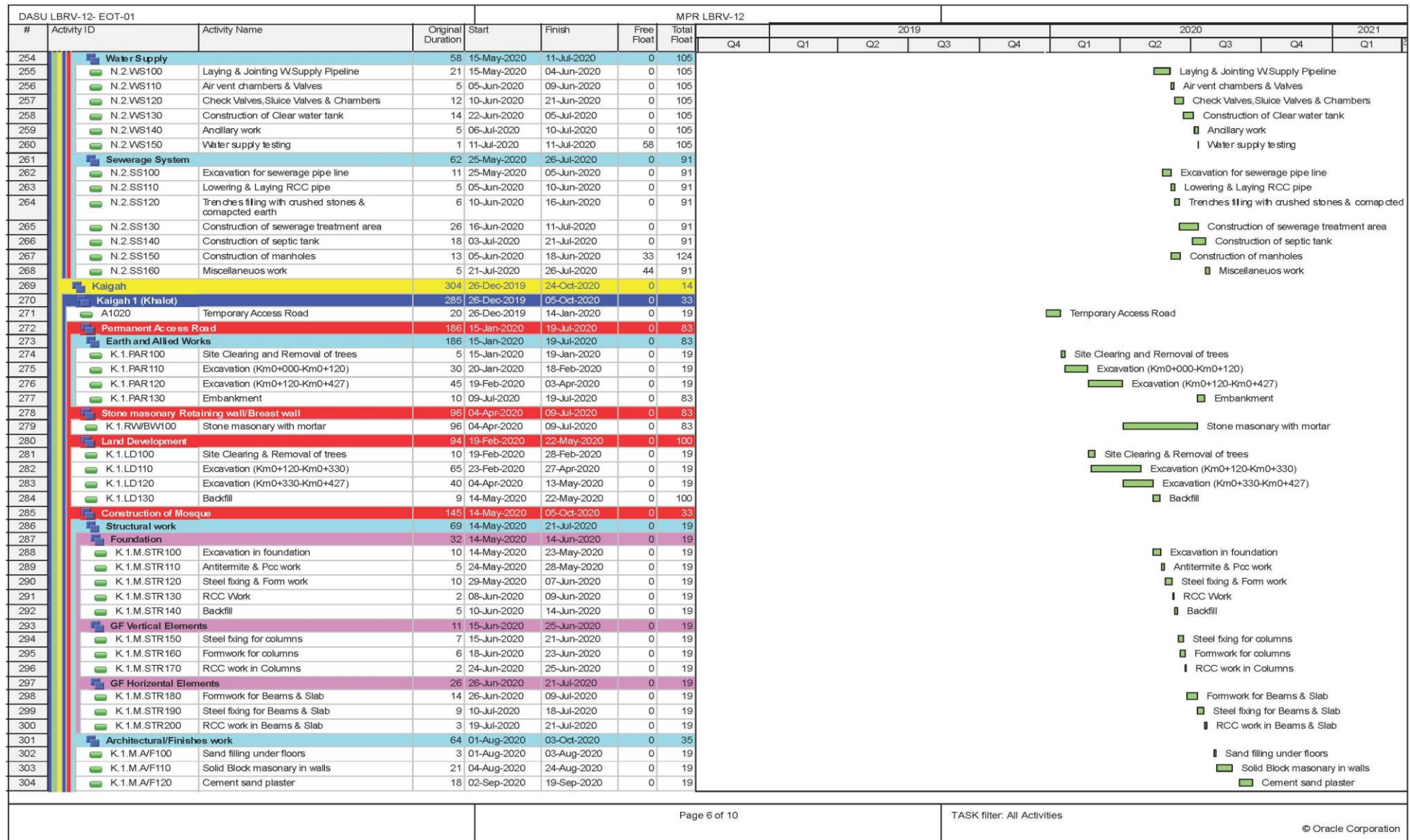
Gantt Chart of Dasu-LBRV-12 (3 of 10)



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



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

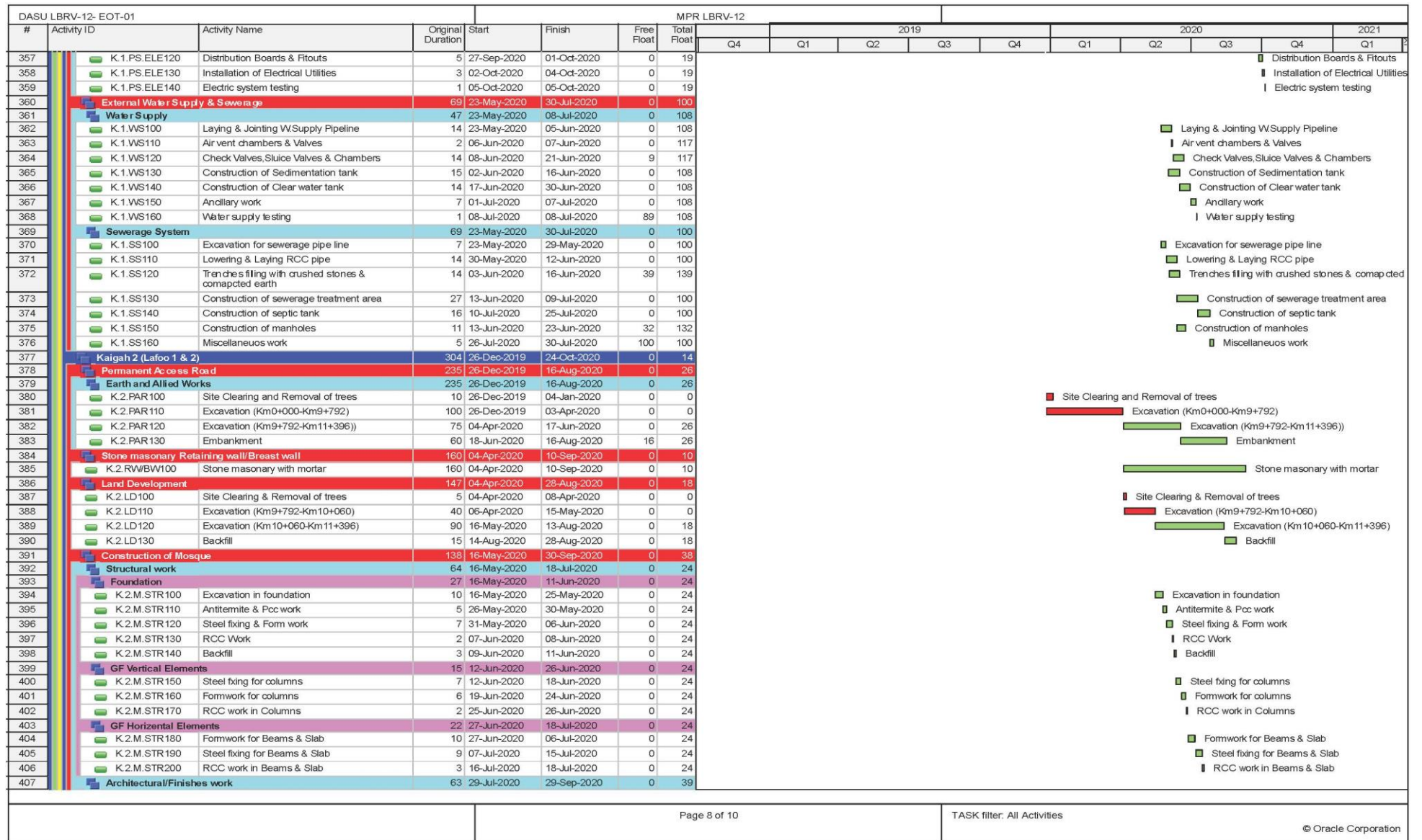


Gantt Chart of Dasu-LBRV-12 (6 of 10)

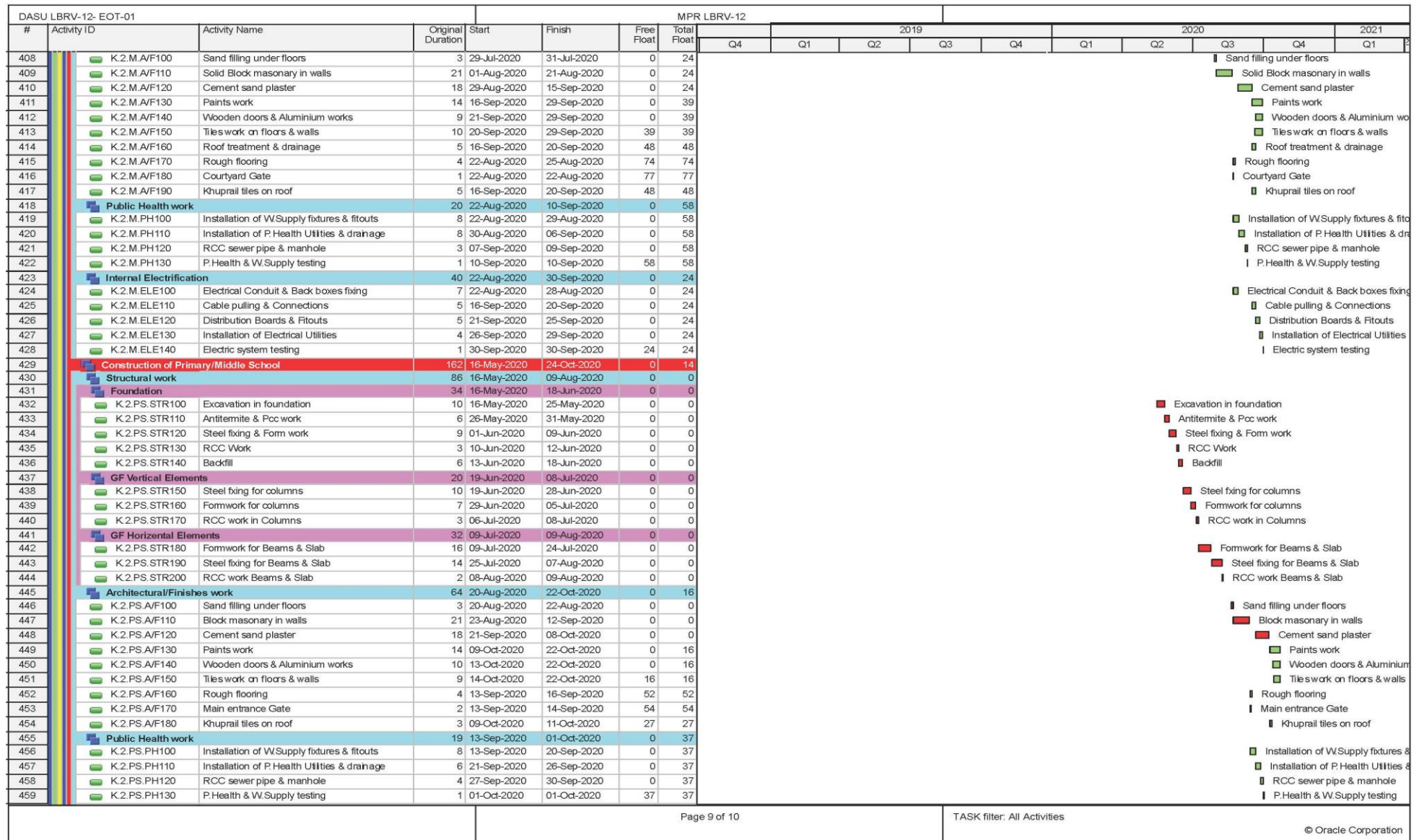
Figure 22 [7/10]

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	
305	K.1.M.A/F130	Paints work	14	20-Sep-2020	03-Oct-2020	0	35											Paints work
306	K.1.M.A/F140	Wooden doors & Aluminium works	9	25-Sep-2020	03-Oct-2020	0	35											Wooden doors & Aluminium works
307	K.1.M.A/F150	Tiles work on floors & walls	11	23-Sep-2020	03-Oct-2020	35	35											Tiles work on floors & walls
308	K.1.M.A/F160	Roof treatment & drainage	5	20-Sep-2020	24-Sep-2020	44	44											Roof treatment & drainage
309	K.1.M.A/F170	Rough flooring	5	25-Aug-2020	29-Aug-2020	70	70											Rough flooring
310	K.1.M.A/F180	Courtyard Gate	1	25-Aug-2020	25-Aug-2020	74	74											Courtyard Gate
311	K.1.M.A/F190	Khupral tiles on roof	5	20-Sep-2020	24-Sep-2020	44	44											Khupral tiles on roof
312	Public Health work		22	25-Aug-2020	15-Sep-2020	0	53											
313	K.1.M.PH100	Installation of W.Supply fixtures & fitouts	10	25-Aug-2020	03-Sep-2020	0	53											Installation of W.Supply fixtures & fitouts
314	K.1.M.PH110	Installation of P.Health Utilities & drainage	8	04-Sep-2020	11-Sep-2020	0	53											Installation of P.Health Utilities & drainage
315	K.1.M.PH120	RCC sewer pipe & manhole	3	12-Sep-2020	14-Sep-2020	0	53											RCC sewer pipe & manhole
316	K.1.M.PH130	P.Health & W.Supply testing	1	15-Sep-2020	15-Sep-2020	53	53											P.Health & W.Supply testing
317	Internal Electrification		42	25-Aug-2020	05-Oct-2020	0	19											
318	K.1.M.ELE100	Electrical Conduit & Back boxes fixing	8	25-Aug-2020	01-Sep-2020	0	19											Electrical Conduit & Back boxes fixing
319	K.1.M.ELE110	Cable pulling & Connections	5	20-Sep-2020	24-Sep-2020	0	19											Cable pulling & Connections
320	K.1.M.ELE120	Distribution Boards & Fitouts	6	25-Sep-2020	30-Sep-2020	0	19											Distribution Boards & Fitouts
321	K.1.M.ELE130	Installation of Electrical Utilities	4	01-Oct-2020	04-Oct-2020	0	19											Installation of Electrical Utilities
322	K.1.M.ELE140	Electric system testing	1	05-Oct-2020	05-Oct-2020	0	19											Electric system testing
323	Construction of Primary/Middle School		161	28-Apr-2020	05-Oct-2020	0	33											
324	Structural work		86	28-Apr-2020	22-Jul-2020	0	19											
325	Foundation		34	28-Apr-2020	31-May-2020	0	19											
326	K.1.PS.STR100	Excavation in foundation	10	28-Apr-2020	07-May-2020	0	19											Excavation in foundation
327	K.1.PS.STR110	Antitermite & Pcc work	6	08-May-2020	13-May-2020	0	19											Antitermite & Pcc work
328	K.1.PS.STR120	Steel fixing & Form work	9	14-May-2020	22-May-2020	0	19											Steel fixing & Form work
329	K.1.PS.STR130	RCC Work	3	23-May-2020	25-May-2020	0	19											RCC Work
330	K.1.PS.STR140	Backfill	6	26-May-2020	31-May-2020	0	19											Backfill
331	GF Vertical Elements		20	01-Jun-2020	20-Jun-2020	0	19											
332	K.1.PS.STR150	Steel fixing for columns	10	01-Jun-2020	10-Jun-2020	0	19											Steel fixing for columns
333	K.1.PS.STR160	Formwork for columns	7	11-Jun-2020	17-Jun-2020	0	19											Formwork for columns
334	K.1.PS.STR170	RCC work in Columns	3	18-Jun-2020	20-Jun-2020	0	19											RCC work in Columns
335	GF Horizontal Elements		32	21-Jun-2020	22-Jul-2020	0	19											
336	K.1.PS.STR180	Formwork for Beams & Slab	16	21-Jun-2020	06-Jul-2020	0	19											Formwork for Beams & Slab
337	K.1.PS.STR190	Steel fixing for Beams & Slab	14	07-Jul-2020	20-Jul-2020	0	19											Steel fixing for Beams & Slab
338	K.1.PS.STR200	RCC work Beams & Slab	2	21-Jul-2020	22-Jul-2020	0	19											RCC work Beams & Slab
339	Architectural/Finishes work		65	02-Aug-2020	05-Oct-2020	0	33											
340	K.1.PS.A/F100	Sand filling under floors	3	02-Aug-2020	04-Aug-2020	0	19											Sand filling under floors
341	K.1.PS.A/F110	Block masonry in walls	21	05-Aug-2020	25-Aug-2020	0	19											Block masonry in walls
342	K.1.PS.A/F120	Cement sand plaster	18	04-Sep-2020	21-Sep-2020	0	19											Cement sand plaster
343	K.1.PS.A/F130	Paints work	14	22-Sep-2020	05-Oct-2020	0	33											Paints work
344	K.1.PS.A/F140	Wooden doors & Aluminium works	9	27-Sep-2020	05-Oct-2020	0	33											Wooden doors & Aluminium works
345	K.1.PS.A/F150	Tiles work on floors & walls	6	30-Sep-2020	05-Oct-2020	33	33											Tiles work on floors & walls
346	K.1.PS.A/F160	Rough flooring	4	26-Aug-2020	29-Aug-2020	70	70											Rough flooring
347	K.1.PS.A/F170	Main entrance Gate	2	26-Aug-2020	27-Aug-2020	72	72											Main entrance Gate
348	K.1.PS.A/F180	Khupral tiles on roof	7	22-Sep-2020	28-Sep-2020	40	40											Khupral tiles on roof
349	Public Health work		17	26-Aug-2020	11-Sep-2020	0	57											
350	K.1.PS.PH100	Installation of W.Supply fixtures & fitouts	7	26-Aug-2020	01-Sep-2020	0	57											Installation of W.Supply fixtures & fitouts
351	K.1.PS.PH110	Installation of P.Health Utilities & drainage	5	02-Sep-2020	06-Sep-2020	0	57											Installation of P.Health Utilities & drainage
352	K.1.PS.PH120	RCC sewer pipe & manhole	4	07-Sep-2020	10-Sep-2020	0	57											RCC sewer pipe & manhole
353	K.1.PS.PH130	P.Health & W.Supply testing	1	11-Sep-2020	11-Sep-2020	57	57											P.Health & W.Supply testing
354	Internal Electrification		41	26-Aug-2020	05-Oct-2020	0	19											
355	K.1.PS.ELE100	Electrical Conduit & Back boxes fixing	9	26-Aug-2020	03-Sep-2020	0	19											Electrical Conduit & Back boxes fixing
356	K.1.PS.ELE110	Cable pulling & Connections	5	22-Sep-2020	26-Sep-2020	0	19											Cable pulling & Connections

Gantt Chart of Dasu-LBRV-12 (7 of 10)

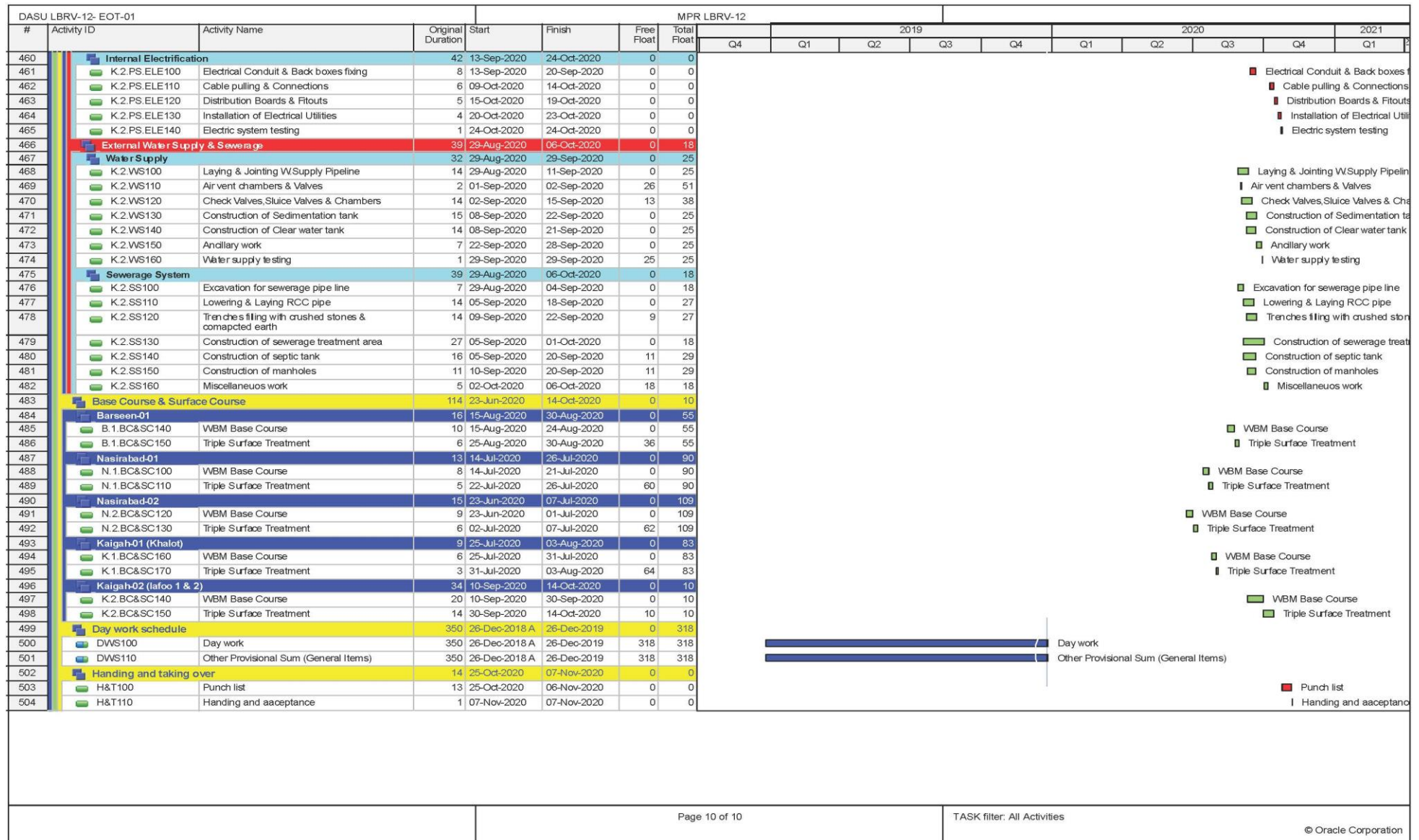


Gantt Chart of Dasu-LBRV-12 (8 of 10)



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

Figure 22 [10/10]



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

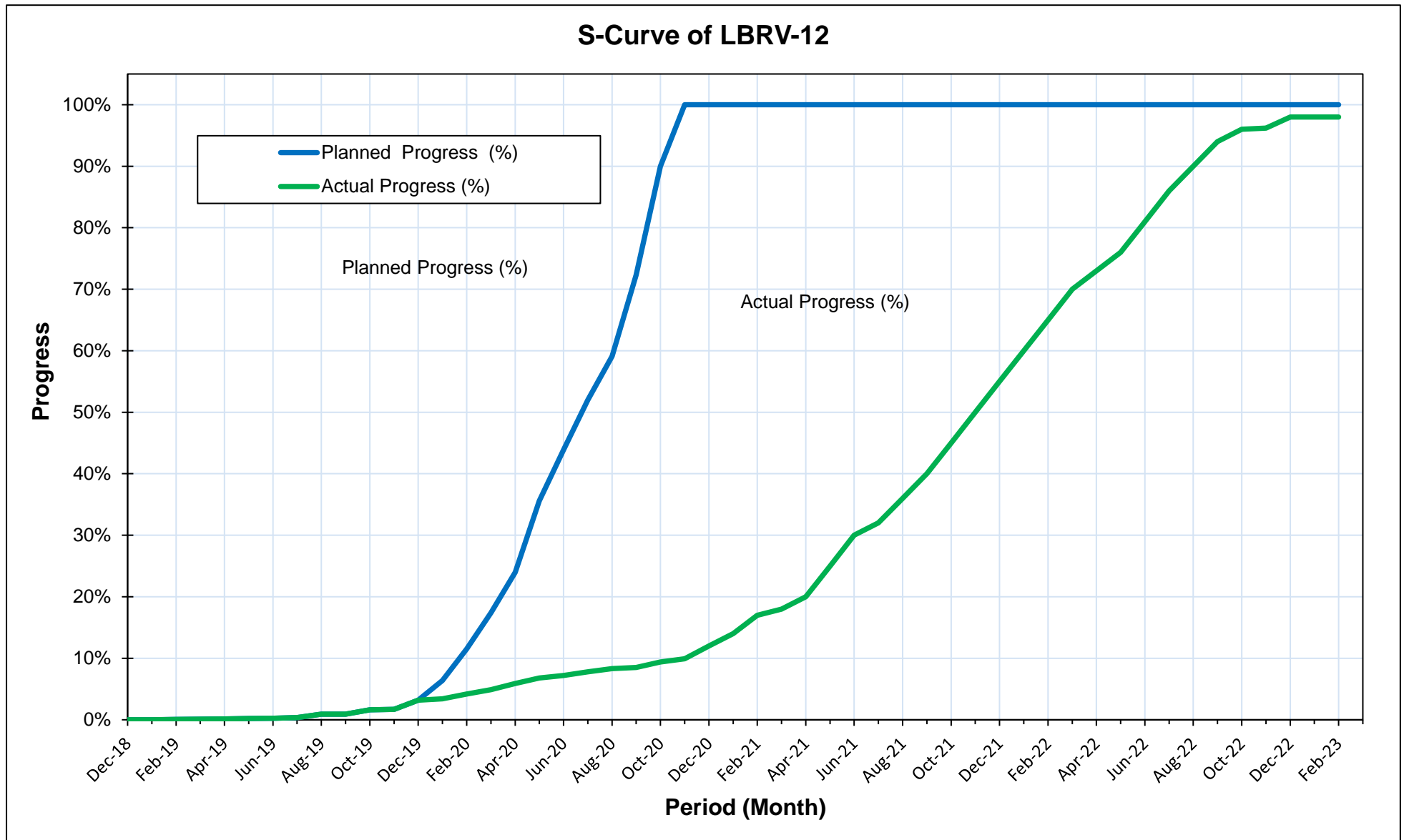


Figure 24: S-Curve for LBRV-12

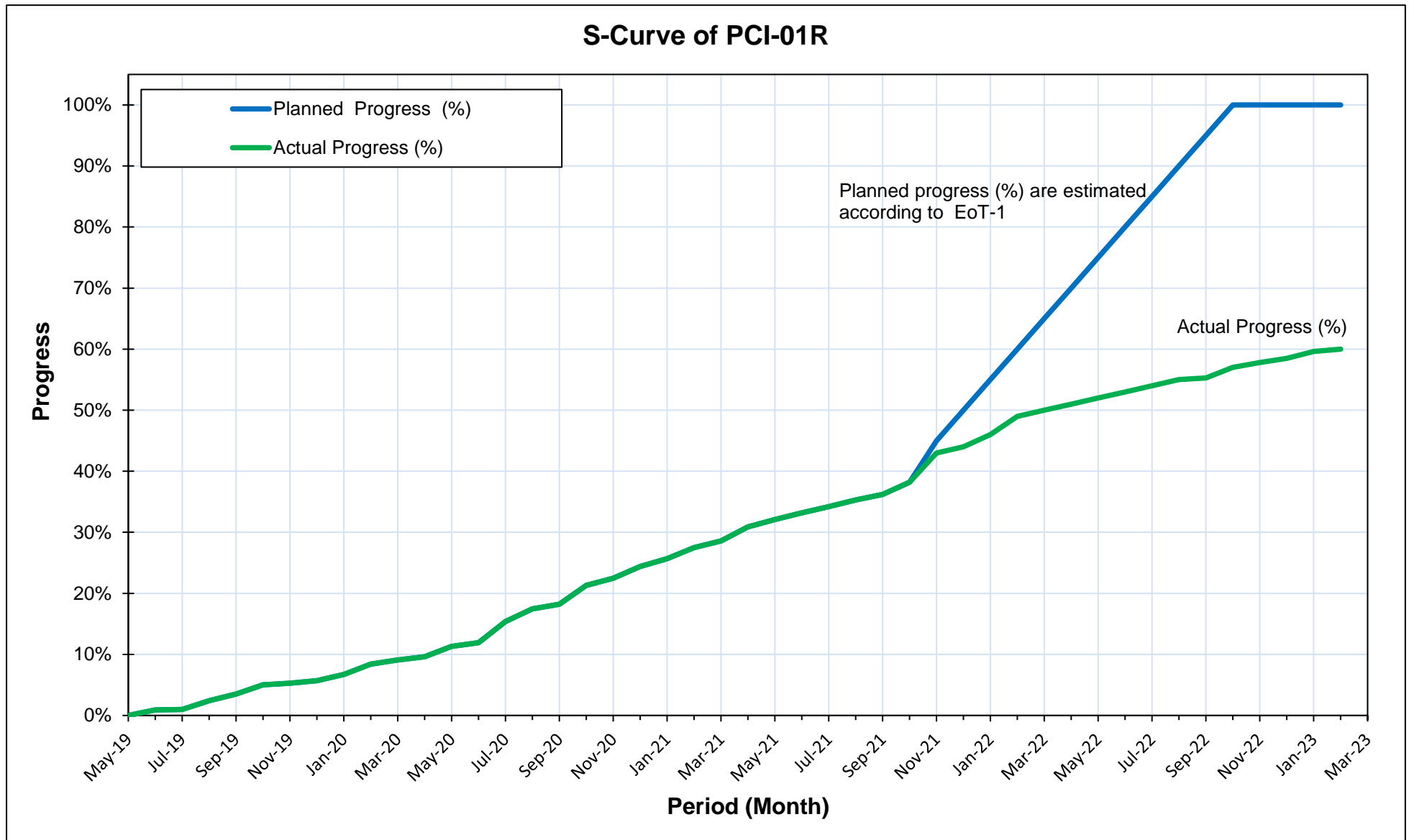
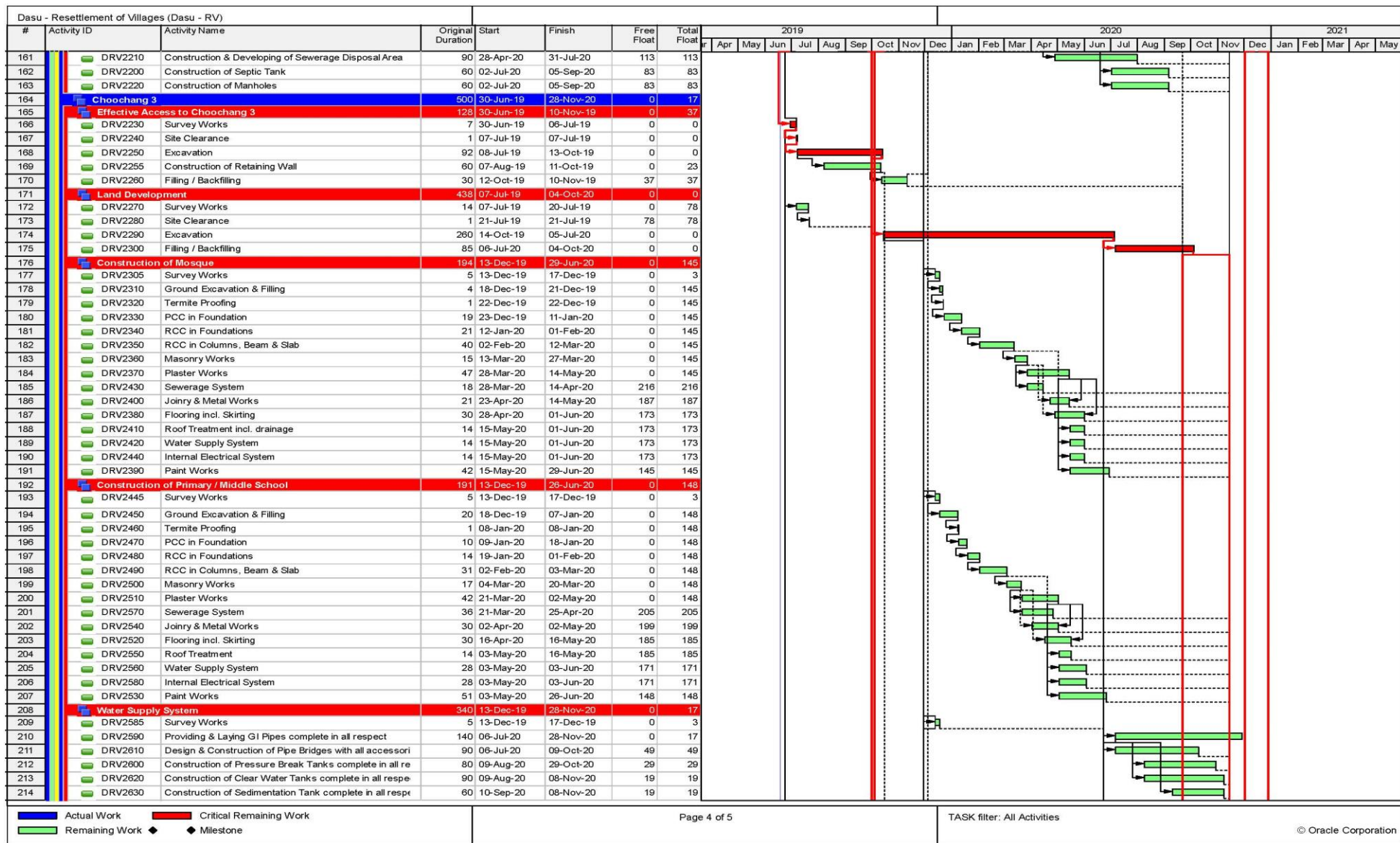


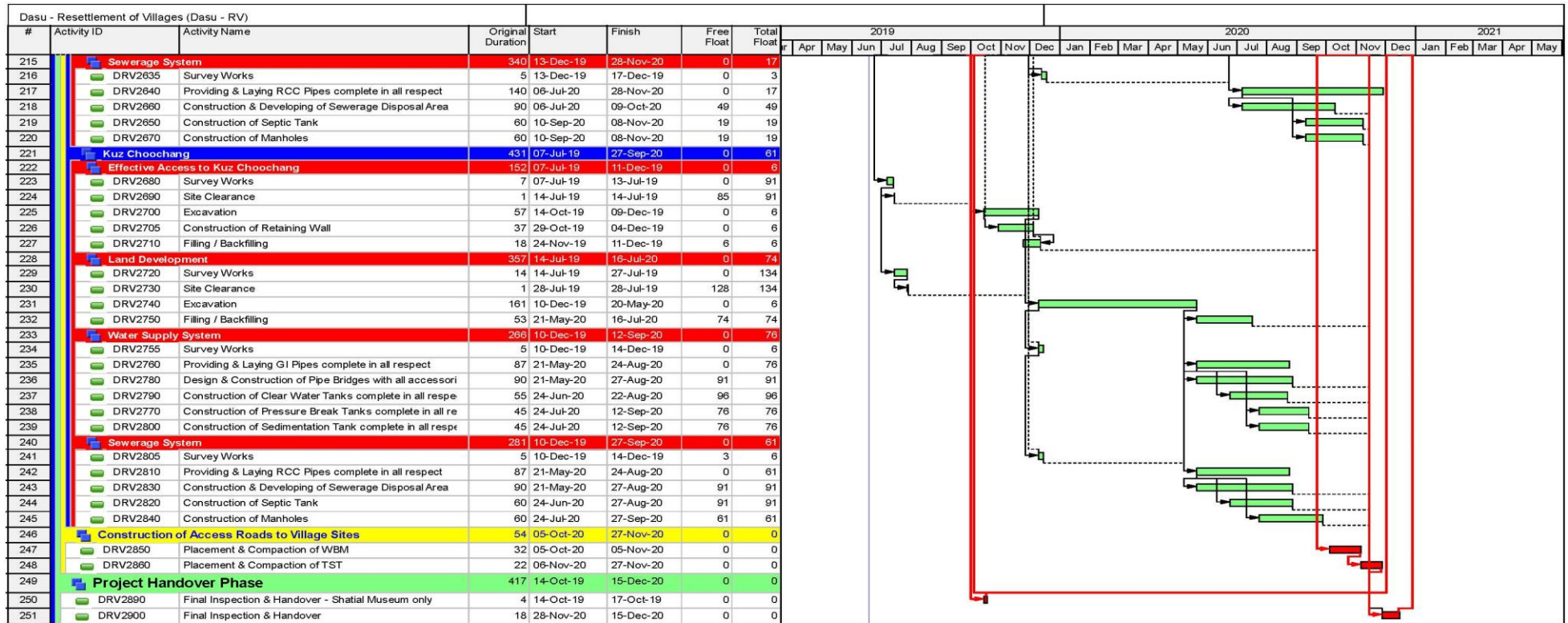
Figure 26: S-Curve for PCI-01R

Figure 26 [4/5]



Gantt Chart of Dasu-RV (4 of 5)

Figure 26 [5/5]



Gantt Chart of Dasu-RV (5 of 5)

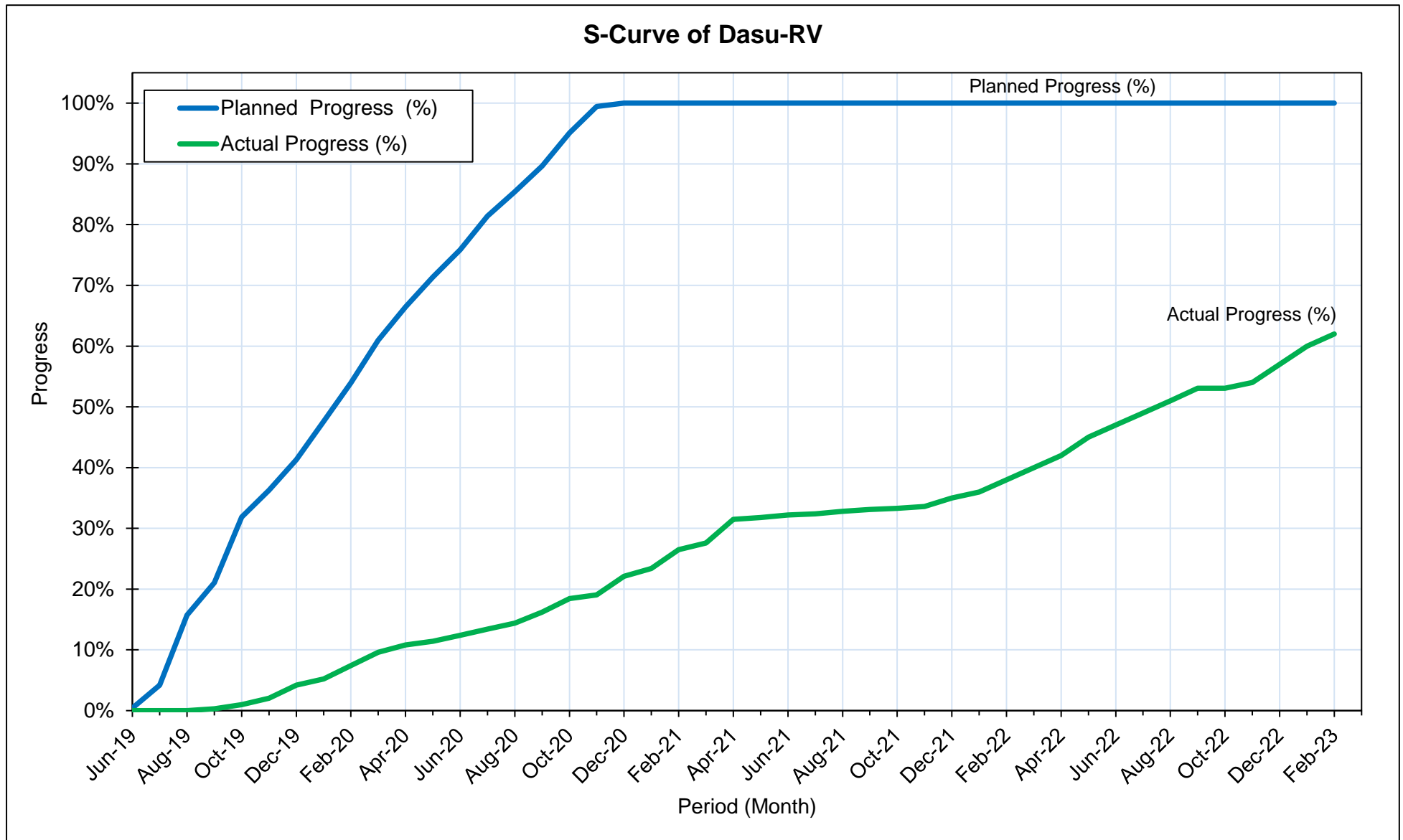


Figure 28: S-Curve for RV

Figure 28 [1/4]

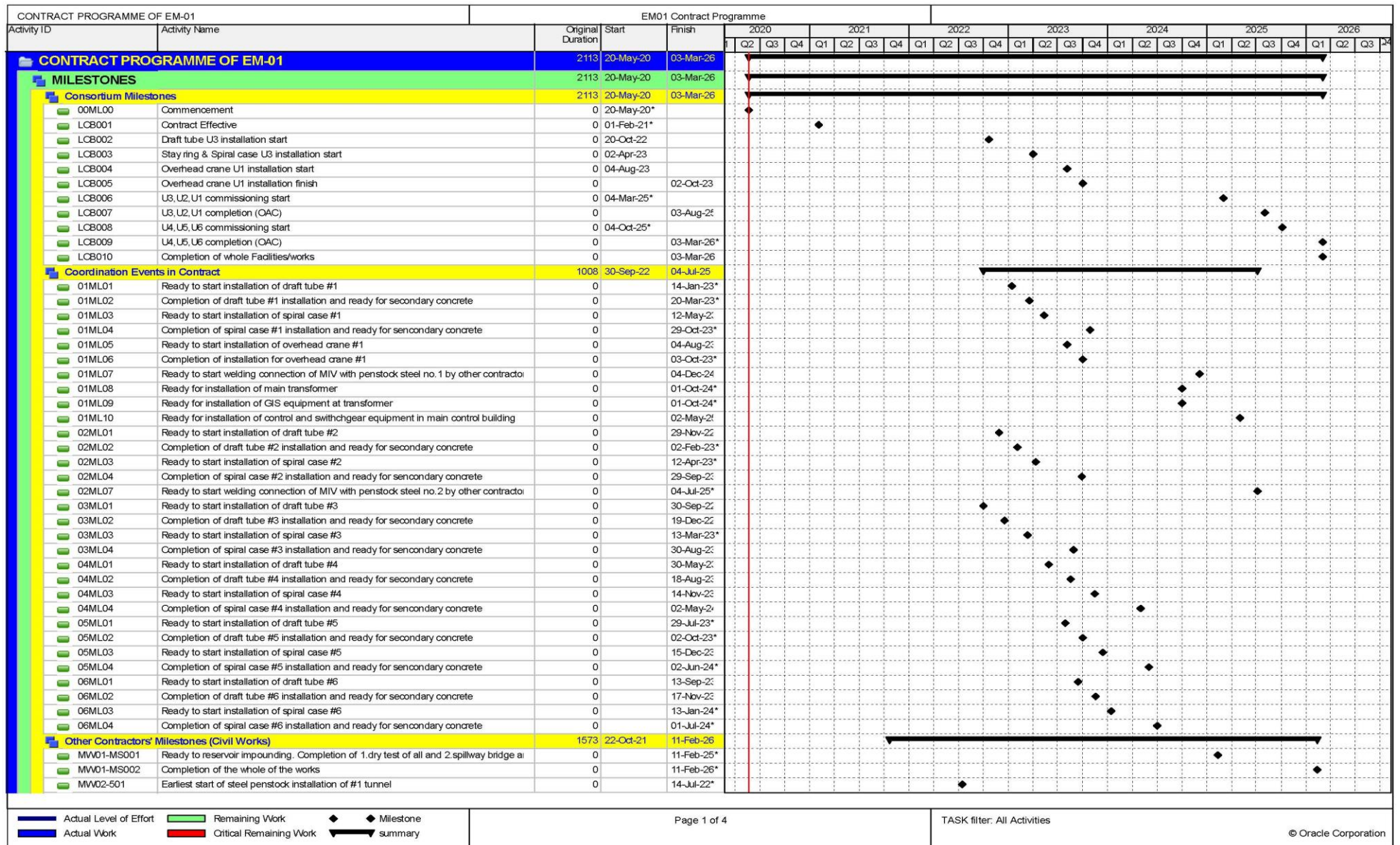
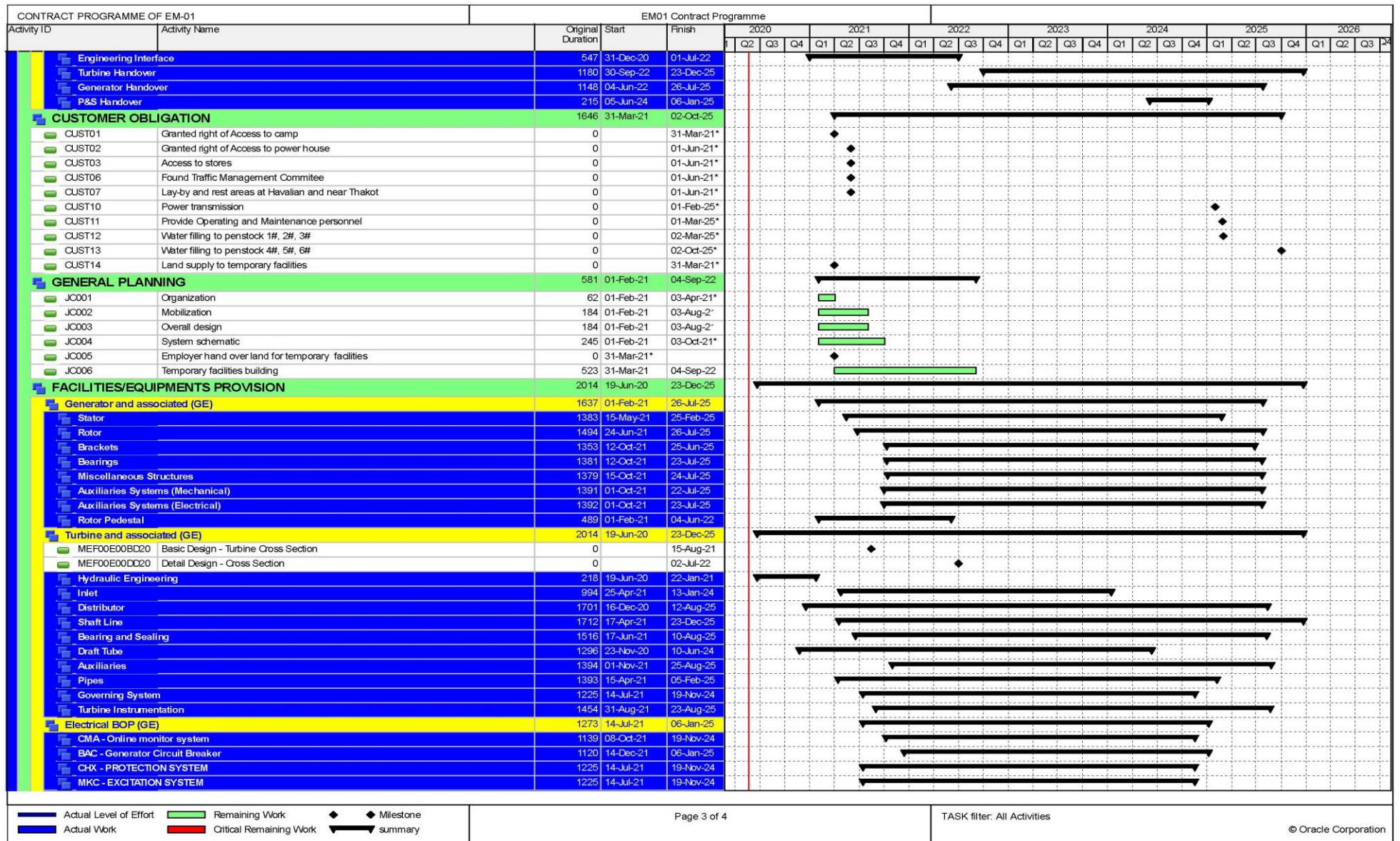


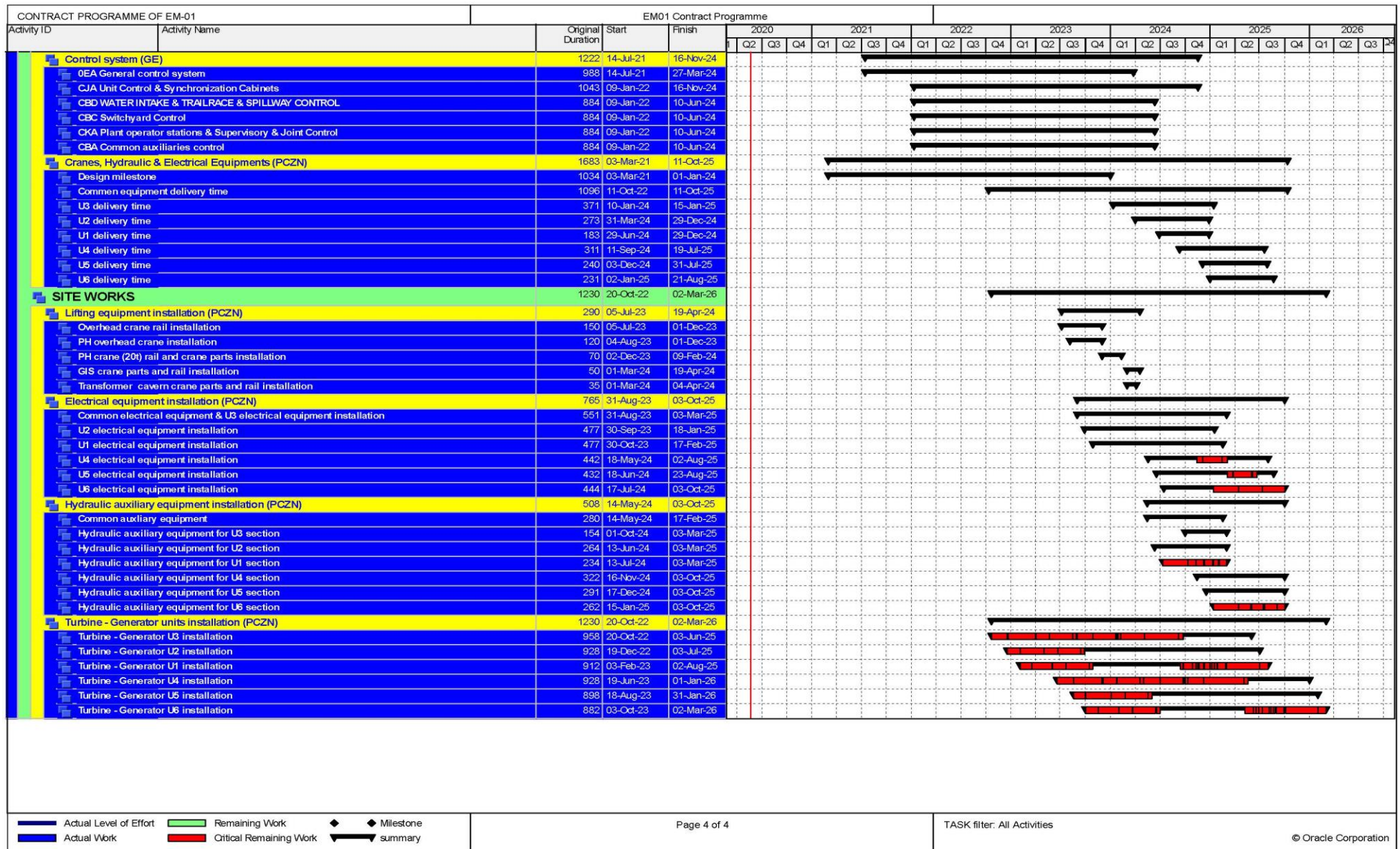
Figure 29: Gantt Chart of Dasu-EM-01 (1 of 4)

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)

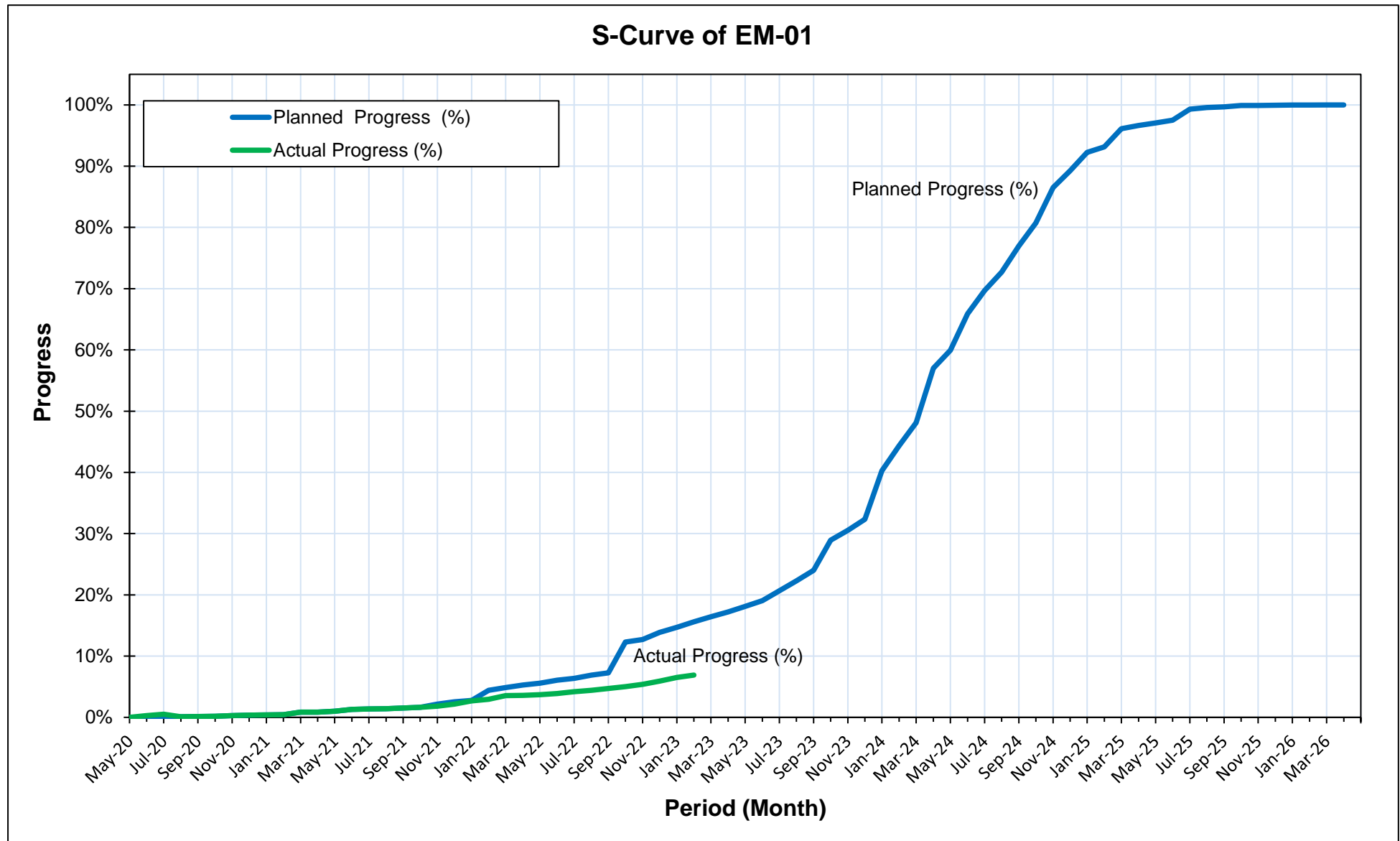


Figure 30: S-Curve for EM-01

APPENDICES

APPENDIX A

Project Activities Pictorial

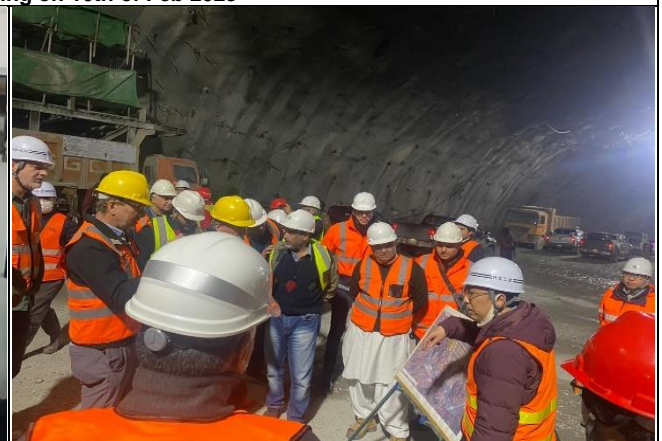
Appendix A: Project Activities Pictorial



Monthly spot Monitoring on 16th of Feb 2023



Presentation to WB Regarding Progress 27-02-23



WB's MW-02 component Visit on 26-02-2023



WB's Underground Power House Visit on 26-02-2023



WB's Underground Power House Visit on 26-02-2023

Photographs of OHS Section



DHC OHS verifying pre-start hazard assessments



DHC OHS Deputy Lead conducting AFI inspection of first aid station at Barseen Camp MW-02



During the joint inspection with CGGC & WAPDA at KKH-02



A view of joint inspection with WAPDA and CGGC at RAR-02



Induction training conducted by DHC OHS for new staff



A view ,of World Bank OHS meeting held at DHC



A view of joint inspection conducted by DHC and The Contractor at RAR02



A view of training session for workers by CGGC at MW02



A view of DHC OHS Professional inspecting portable fire extinguishers in DHC Office



First aid training conducted by CGGC at RAR-02 Seo



Joint inspection by DHC, WAPDA and CGGC of Uchar First Aid Station and Fire Truck



A view of DHC OHS Field Professional conducting ambulance inspection at KKH-02 Kaigah camp



View of DHC OHS Team consultation session with local community at a Public School



A view of joint site walkthrough visit by DHC OHS and CGGC OHS at MW-02

Photographs of Social & Resettlement Section



Meeting with the World Bank Mission in Islamabad on 20th February 2023



Meeting with Commissioner in DC Office Dasu (23rd February 2023)



Meeting between the World Bank and the Deputy Commissioner in DC Office Dasu (27th February 2023)



Meeting of SMR Implementation Committees with the Deputy Commissioner Kohistan Upper



DC Upper Kohistan presenting ESMR cheque to the AHH at DC office



DC Upper Kohistan presenting ESMR cheque to the AHH at DC office



Member Payment Committee (DHC) providing ESMR cheque to AHH at DC Office



DC Office Staff providing ESMR cheque to AHH at DC Office



Female Headed household showing ESMR payment cheque



Gender Specialist DHC and community note able providing allowance payment cheque to a Female



Resettlement Expert DHC presenting Allowances payment cheque to AHH



Resettlement Inspector DHC providing Allowances payment cheque to AHH



Joint Session of ESMR committees chaired by Convener RSC at WAPDA office



Resettlement and M&E Team of DHC distributing Allowances cheques to AHHs



PAP showing received compensation payment cheque at Accounts Branch DC office UK



PAP displaying compensation payment cheques received at DC office UK



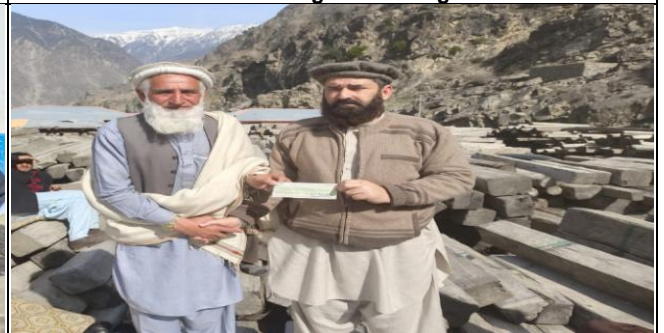
01-02-2023 Consultation meeting with the community & School Management for relocation of GPS Looter



01-02-2023 Group photo of Schools relocation Assessment team with schools teachers and the community after conducting the meeting.



14-2-2023 Meeting with the community and School management of GPS Kass Bala and GGPS Kass Banda for both schools relocation.



Handover Project Allowance at Logroo Village on 17.02.2023



18-2-2023 Field verification visit of affected houses for ESMR package in baily Bridge Barseen Kuma (Right Side)



18-2-2023 Field verification visit of affected houses in Kisho Kaar (RAR-02) for ESMR package.



Handover Project Allowance to AHs at Komila at his home Village on 20.02.2023



S&R team visit to RV Chuchang-04 and resolved the conflict between Sher Ghazi & noor Azam boundary dispute.



Project allowance cheque handed over to Sigloo Community on 21-02-2023



Project allowance cheque handed over to Uchar Community on 21-02-2023



Project allowance cheque handed over to Komila Community on 21-02-2023



Project allowance cheque handed over to Bar Chuchang Community on 21-02-2023



Project allowance cheque handed over to Komila Community on 23-02-2023



Project allowance cheque handed over to AHhs



Another glimpse of consultation meeting with the community for relocation of GPS/GGPS Kass Banda and Kass Bala.



TRP Cheque handover to the Female AHhs of Uchar Village by DHC Gender Specialist on 28-02-2023



GIS Team visited Shatial Harban Area (11 Components) with AC revenue Dasu, WAPDA team and all other line departments.



During visit of Shatial Harban area dated 21-02-2023



Meeting with community at Shatial Harban area



During visit of Shatial Harban area dated 21-02-2023



Meeting with Mr. Madad Khan regarding the land required for Septic Tank Overflow on February 07, 2023



Site visit regarding the application about damages due to rain water drainage at Chuchang on February 24, 2023



Preparation & Review of SMR Paid files for DHC office record and Project Allowance



Preparation & Review of SMR Paid files for DHC office record and Project Allowance

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



Excavtion and loading at Zero Point 3rd Bench RD=K1+500-1+550



Excavtion work for improvement of Khuhse Bypass road



Excavtion for invert arch of Logro-A RD=K9+210-9+216



Drilling for rock bolts at Logro-B Outlet



Drilling for advance support Canopy Pipes) Dugah Tunnel outlet.



Excavation at Looter Camp



Excavation at K44



Excavation & Loading of material K2+252 (KOMILA BYPASS)



Stone Masonry R/Wall in progress K1+252 (KOMILA BYPASS)



Excavation for slope cutting K0+600 inprogress (Komila Bypass)



Drilling at Seer Gayal Access Road



Gabion wall Construction at Siglo K13



Lean Concrete for causeway K0+900 (Komila Bypass)



Construction of Breast wall at access road of Grid Station.



Steel fixing for foundation of Earth Mast



Construction of Fence wall in Grid Station



Discussion on safety implementation and improvement at Grid Station site

Photographs of MW-01 & 02



Right bank cable crane platform



cut off wall



Starter dam



Uchaar Crushing plant



Right bank Diversion tunnel outlet



Right bank Diversion tunnel inlet



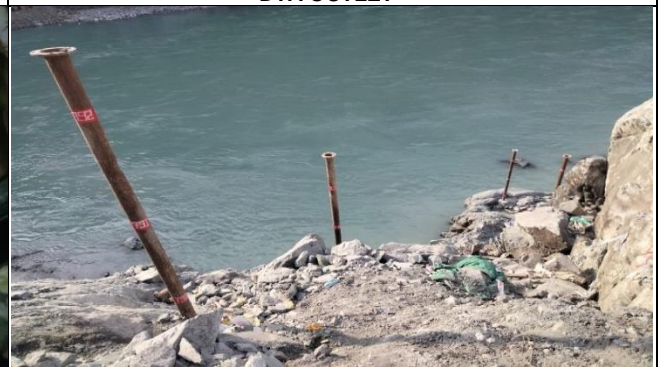
DTA inlet



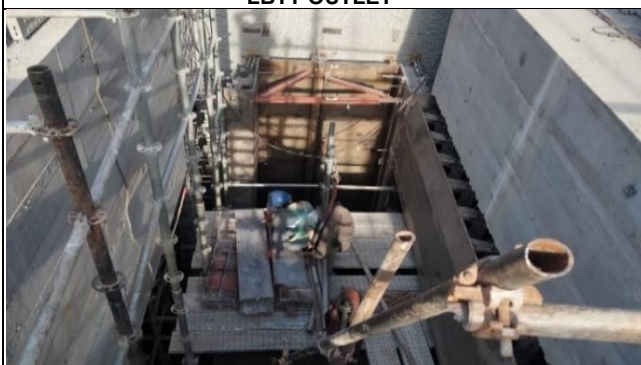
DTA OUTLET



LBTT OUTLET



Fixing of Guages for River Water level measurement



DT-A Inlet Right side (Left wing)



DT-A outlet inside



DT-A outlet from outside



Powerhouse



vivo X80 · ZEISS
12-Mar-2023, 10:57

PH PS tendon drilling



vivo Y33s · F BARI
12-Mar-2023, 23:12

PH cutting TRB extra pipe



vivo X80 · ZEISS
12-Mar-2023, 09:53

CT2 TRT US wire mesh fixing

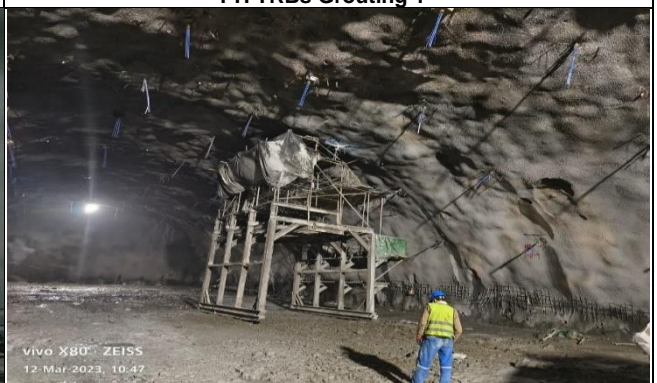


vivo Y33s · F BARI
12-Mar-2023, 23:12

PH TRBs Grouting 1



Tailrace 01 Fixing of wire mesh (crown portion)



vivo X80 · ZEISS
12-Mar-2023, 10:47

TC PS tendon Grouting



vivo Y33s · F BARI
12-Mar-2023, 23:12

TRT01 from CT-1 Wiremesh



vivo X80 · ZEISS
12-Mar-2023, 10:34

VAT MUCKING

Photographs of Infrastructure Section



Stone masonry retaining wall is in progress



RCC wall in progress chochnage site 01



Retaining wall work in progress at kuz chochnage lower portion



Working of Mosque in progress chochnage site 1



Cat 2B part 12 seepage at Dome



Excavation of water supply & sewage line at S 5 Road For Hostel cat 2B & 2A



Reinforcement of sluice valve chamber top slab



Main Septic tank Type A near relocated KKH steel fixing is in progress



Tuff tile Working Finish in Front of Project Office

APPENDIX B

The Envisaged Man Months

APPENDIX C

Submission of Deliverables

Appendix C: Submission of Deliverables

Date	Subject
02.02.23	EM-01-Interim Payment Certificate (I PC) No. 03
04.02.23	Technical Note for IPOE regarding Procedure & Time Schedule of River Diversion after Catastrophic Debris Flows in 2022
09.02.23	RAR-01-Interim Payment Certificate No# 35
11.02.23	RAR-01-Interim Payment Certificates No. 34A and 34B
11.02.23	RAR-02-Interim Payment Certificate # 3
11.02.23	RAR-02-Interim Payment Certificate # 3
13.02.23	EM-01-Interim Payment Certificate (IPC) No.04
14.02.23	MPR No.102 for the Month of January 2023 Under Assignment-B
15.02.23	PCI-02-Evaluation Report on Pre-Qualification of Applicants
17.02.23	MW-02-Interim Payment Certificate NO # 34- For Nov-2022
18.02.23	MW-01-Interim Payment Certificate No # 34- For Nov-2022
22.02.23	KKH-01-Assessment for Eliminating Causeway Along the KKH-01 and KKH-02
25.02.23	32nd Environmental Progress Report for the Period from Oct to December 2022
27.02.23	MW-01-Interim Payment Certificate No # 35- for the Month of Dec-2022
27.02.23	MW-02-Interim Payment Certificate No # 35 - for Dec-2022

APPENDIX D

List of Meetings

Appendix D: List of Meetings

Date	Meeting With	Place	Subject
11.01.23	DHC WAPDA PCCC	Contractor's Camp	Minutes of Weekly Progress Review Meeting TL-01
07.02.23	DHC CGGC WADPA	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
09.02.23	DHC CGGC WAPDA	WAPDA megahydel Complex Islamabad	MW-01-Minutes of Meeting on 9th February 2023
14.02.23	DHC CGGC WADPA	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-02
20.02.23	DHC WAPDA PCCC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for TL-01
21.02.23	DHC WAPDA CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-02
21.02.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-01
21.02.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for RAR-02
21.02.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for RAR-01
21.02.23	DHC CGGC WADPA	DHC Meeting Room	Minutes of Weekly Progress Review Meeting MW-01
21.02.23	WAPDA DHC CGICOP	Contractor's Camp	Minutes of Weekly Progress Review Meeting PCI-01R
22.02.23	DHC WAPDA CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for MW-01 and MW-02
22.02.23	WAPDA DHC GEPC	DHC OHS Office	Minutes of Monthly OHS Progress Review Meeting for EM-01
23.02.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting KKH-01
23.02.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-02

23.02.23	DHC WAPDA CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting.MW-01& MW-02
23.02.23	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting RAR-01
23.02.23	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting RAR-02
23.02.23	DHC WAPDA PCCC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting. TL-01
23.02.23	WAPDA DHC GEPC	DHC Meeting Room	Minutes of Monthly OHS Review Meeting 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				
1.1. General				
Lahore Office				
1.	03.02.23	GM/PD/DHPP/Dir(C)/DHC (Audit/ 436-40	Audit of Payment made to DHC for the Period from May 2020 to September 2020	
2.	03.02.23	GM/PD/DHPP/Dir(C)/DHC (Audit/ 448-53	Audit Payments made to DHC(JV) for Period Oct. 2016 to Apr. 2020	
3.	06.02.23	CAr/Planning & Coord./AP-IV/ 1951	Verification Record Audit Payments made to DHC Sep. 2011-2016 Carried out 10.1.17 to 26.5.17	
4.	07.02.23	GM/PD/DHPP/Dir(C)/CS/497-501	Gratuity and EOBI Benefits for DHC Non-Technical Staff Working for DHPP	
5.	08.02.23	GM/PD/DHPP/Dir(C)/6BCS/514-19	Approval of Hafiz Jamil Ahmed TBN Position Sr Cost & Schedule Monitoring Engineer NP23	
6.	09.02.23	GM/PD/Sasu HPP/Accts/546-48	Release Payments Arrear of Escalation for October 2022	
7.	15.02.23	GM/PD/Dasu HPP/Accts/638-43	Approval of Shoaib Ahmed Qadri Jr Costing & const. Planner / Schedule Monitoring Engineer L85 Replacement of Imran Nazir	
8.	15.02.23	GM/PD/Dasu DHPP/DHC (Audit/ 436-40	Verification of Record Audit Payment made to DHC for Period Sep 2011 to 2016 Carried out 10.01.17-26.05.17	
9.	20.02.23	GM/PD/DHPP/Dir(C)/CS/690-95	Approval of Shehzad Iqbal Jr Document Controller-1 L123	
10.	23.02.23	GM/PD/DHPP/Dir(C)/CS/754-59	Request for Approval Naveed Iqbal Sr Water Supply Engineer/Sr Quantity Engineer LA5	
11.	23.02.23	GM/PD/DHPP/Dir(C)/CS/775-80	Approval of Alam Hussain Sr Quantity Engineer L119 Repl. Aurangzeb Irshad	
12.	28.02.23	DCAr/HQ/PAS/AP-IV/ 20-23	28.02.23-070-Reminder-1 Audit of Payment made to DHC for Period May 2020 t Sep. 2022 (20-23)	
Dasu Office				
13.	08.02.23	GM/PD/DHPP/Dir(C)/6B(CS)/520-25	Approval Mr.Erkan Bozkurt Position (K-54-2) Construction Technical Advisor 1-2 (Tunnel Main works)	
14.	08.02.23	GM/PD/DHPP/Security/S-04/216-20	Outstation Movement of Expatriates	
15.	10.02.23	GM/PD/DHPP/Security/S-26/231-33	Replacement of Substandard Items at Kass Camp	
16.	10.02.23	GM/PD/DHPP/Security/S-06/234-42	Security Administrative Issues Related to Shaal Camp CCECC	
17.	15.02.23	GM/PD/DHPP/Security/S-04/257-61	Outstation Movement of Expatriates - Special Case	
18.	14.02.23	GM/PD-DHPP/Env/E-33/55-59	Detailed Ecological & Biodiversity Management Plan (DEBMP	
19.	15.02.23	GM/PD/DHPP (Admn)/ 2023/ DHC/1319	No Objection Certificate (NOC) in Respect for Sr. Migration Management	
20.	17.02.23	GM/PD/DHPP/Env/G-10/60-62	Gross Environmental Non Compliances Observed by M-s CCECC	
21.	19.02.23	GM/PD/DHPP/Security/S-04/268-72	Outstation Movement of Expatriates	
22.	20.02.23	GM/PD/DHPP/ISB/E-9/3787-89	Administration of Security Staff at Hattian - Kamra Camp	
23.	22.02.23	GM/PD/DHPP/Env/G-10/63-65	Request for Verification of Relevant Environmental Provisions at Under Construction Batching Plant at Choochang	
24.	22.02.23	GM/PD/DHPP/Env/G-10/66-68	Request to Ensure Compliance of the Conditions Enforced by Environmental Protection Agency (EPA) Gov t.of KPK	
25.	22.02.23	GM/PD/DHPP/Security/S-04/278-83	Outstation Movement of Expatriates as a Special Case	
26.	22.02.23	GM/PD/Dasu HPP/DD (T)SV /57 /720-41	Security Arrangements for Visit of World Bank Implementation Support Mission to Dasu HPP Site	
27.	23.02.23	GM/PD/Dasu HPP/Dir(C)/CS/748-53	Request for Approval of Mr. Michiya Nagura as Traffic Expert	
28.	24.02.23	GM/PD/Dasu HPP/Dir(C) /6C/806-11	Approval of ISO 45001 Lead Auditor Training	
29.	24.02.23	GM/PD/DHPP/ENV/G-10/72-74	Washing of Concrete Transit Mixers Fresh Water Body	
30.	24.02.23	GM/PD/DHPP/ENV/G-10/69-71	Unauthorized Fuel Storage in M-s CGGC Camp at Kaigah	
31.	24.02.23	GM/PD/DHPP/ENV/G-10/75-77	Sedimentation Tank Constructed Alongside KKH at Uchar	
32.	24.02.23	GM/PD/DHPP/ENV/G-10/78-80	Request for Comments On application Submitted by Islahi Committee Sub Division Seo	
33.	24.02.23	GM/PD-DHPP/ADMN/A-66/1719-21	Employment Position Status for Youth Development Internship Programme	
34.	25.02.23	GM/PD/DHPP/Security/S-04/305-10	Outstation Movement of Expatriates as a Special Case	
35.	24.02.23	GM/PD-DHPP/Env/G-10/E-66/402-06	Request for Comments on Application Submitted by Islahi Committee Sub Division Seo	
36.	25.02.23	GM/PD/DHPP/Security/2022/S-48/289-93	Complaint by Special Communication Unit	
37.	25.02.23	GM/PD/DHPP/Security/S-06/298	Placement of Razor Wire on Top of Boundary Wall	
38.	27.02.23	GM/PD/DHPP/Security/S-04/316-20	Outstation Movement of Expatriates	
39.	25.02.23	GM/PD/DHPP/Security/S-04/313-15	Outstation Movement of Expatriates as a Special Case	
40.	28.02.23	GM/PD/DHPP/Security/S-06/321	Biometric and Walk Through Gates ETC. at DHPP Construction Sites Chinese camp	
1.2. Dasu-RAR-01				
Dasu Office				
41.	02.02.23	GM/PD/Dasu HPP/RAR-01/ 2023/1088-90	Destructive Activities by Dasu Dam Others Contractors at Different Locations	
42.	03.02.23	GM/PD/Dasu HPP/RAR-01/SI 2023/1130-32	Application of Mr. Shair Bahadur	
43.	06.02.23	GM/PD/DHPP/Contracts/RAR-01/IPC/Claims/1175-76	Interim Payment Certificates No.34A and 34B	
44.	22.02.23	GM/PD/DHPP/Contracts/RAR-01/23/1626-30	Adjustment of Khyber Pakhtunkhwa Sales Tax (KPST) from the Contract Price	
45.	24.02.23	GM/PD/Dasu HPP/RAR-01/2023/1697-99	RAR-01-Slow Work Progress at Komila	
46.	24.02.23	GM/PD/DHPP/RAR-01/KB/1692-94	Removal of Slided Material from Existing KKH Near Komila Bypass	
1.3. Dasu-RAR-02				
Dasu-Office				
47.	02.02.23	GM/PD/DHPP/Contracts/RAR-02/61/1055-60	Provision of Bitumen Grade 60-70 Bulk Rates for the Purpose of Price Adjustment	

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Appendix E [2/16]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
48.	03.02.23	GM/PD/DHPP/S&D/1133-34	Construction of Fencing at Available Siglo Batching Plant Area	
49.	17.02.23	GM/PD/DHPP/Contracts/RAR-02/1485-87	Reminder-1	
1.4. Dasu-KKH-01				
Dasu Office				
50.	03.02.23	GM/PD/Dasu HPP/KKH-02/ 2023/ 5/1139-42	KKH-Damages to SCO Assets During Construction of Relocated KKH	
51.	16.02.23	GM/PD/DHPP/Contracts/KKH-01/13F/1432-35	Contractor's Cost Claim Pertaining to Extension of Guarantees and Insurance Policies	
52.	17.02.23	GM/PD/DHPP/KKH-01/11/1453-56	Application from Local of Choochang	
53.	20.02.23	GM/PD/DHPP/Contracts/KKH-01/13/1516-20	Adjustment of Khyber Pakhtunkhwa Sales Tax (KPST) from the Contract Price	
54.	21.02.23	GM/PD/DHPP/KKH-01/11/1588-90	Application from Local of Choochang Dasu	
55.	23.02.23	GM/PD/DHPP/Contracts/Floods/10/1661-64	Construction of Box Culvert -Causeway at Uchar Nullah	
56.	23.02.23	GM/PD/Dasu HPP/DD(T)KKH-01/54/760-65	Letter of Recommendation for Renewal of Temporary Explosives License	
1.5. Dasu-KKH-02				
Dasu Office				
57.	02.02.23	GM/PD/DHPP/Contracts/KKH-02/51/1061-66	Provision of Bitumen Grade 60-70 Bulk Rates for the Purpose of Price Adjustment	
58.	24.02.23	GM/PD/DHPP/Contracts/KKH-02/51/1730-33	Proposal for the Works Known as KKH-02	
1.6. Dasu-TL-01				
Dasu Office				
59.	03.02.23	GM/PD/DHPP/Contracts/TL-01/46/1119-22	Justification in Respect of Exceeded BOQ Quantities	
60.	07.02.23	GM/PD/Dasu HPP/TL-18/ 1172-74	Reminder for 765Kv Transmission Line Basic Design Parameters Between Dasu PS and Mansehra SS	
1.7. Dasu-MW-01				
Dasu-Office				
61.	02.02.23	GM/PD/DHPP/S&D/MW-01/ 1076-77	Installation of Generators at Uchar Crushing and Batching Plant	
62.	06.02.23	GM/PD/DHPP/S&D/MW-01/ 1158-59	Slow Progress at Cut-Off Wall of U-S Starter Dam	
63.	06.02.23	GM/PD/DHPP/Contracts/MW-01/ 1169-71	Crushing and Batching Plant Claim	
64.	03.02.23	GM/PD/DHPP/Contracts/MW-01/81/1135-38	Monitoring Contractors Progress to Achieve the Timeline for Completion of River Diversion Works	
65.	08.02.23	GM/PD/DHPP/Contracts/MW-01/GEN/81/1180-83	Overall Schedule for River Closure and Recovery Plan for Cutoff Wall Construction by Contractors	
66.	08.02.23	PD/DHPP/Contracts/MW-01/ 116/83/1190-93	Crushing and Batching Plant Claim	
67.	08.02.23	PD/DHPP/Contracts/MW-01/ /81/1197-1201	Recommendation Letter Regarding Custom Clearance for the Equipment of Natural Pozzolan Factory	
68.	08.02.23	PD/DHPP/Contracts/MW-01/ /83/1202-05	Project Offices Comments on Prolongation Claim Due to Delay in Land Handover	
69.	09.02.23	GM/PD/DHPP/S&D/MW-01/ 1241-45	Land Handover	
70.	09.02.23	GM/PD/DHPP/S&D/MW-01/ 1257-61	Uchar Nullah Catchment Study by GMRC	
71.	09.02.23	GM/PD/DHPP/S&D/MW-01/ 1262-64	Approval for the Repair Method of RAR-01 Near Kass Camp	
72.	15.02.23	GM/PD/DHPP/Contracts/MW-01/87/1365-72	Extension of Insurance Policies	
73.	16.02.23	PD/DHPP/Contracts/MW-01/087A/1420-26	Assistance and Support on Custom Clearance	
74.	20.02.23	GM/PD/DHPP/Contracts/MW-01/1549-53	Security at Construction Sites	
75.	20.02.23	GM/PD/DHPP/Contracts/MW-01/1545-48	Monitoring the Progress of Stater Dam & Cutoff Wall Construction	
76.	20.02.23	GM/PD/DHPP/S&D/MW-01/1571-74	Fact Finding Report- Cement and Aggregate Quality at DHPP	
77.	21.02.23	GM/PD/DHPP/Contracts/MW-01/81/1591-95	Request for Issuing the Recommendation Letter Regarding the Custom Clearance for the Equipment of Natural Pozzolan Factory	
78.	21.02.23	GM/PD/DHPP/Contracts/MW-01/81/1596-1600	Draft Minutes of Meeting with M-s CGGC Held on February 09,2023	
79.	21.02.23	GM/PD/DHPP/S&D/MW-01/1622-25	Fact Finding Report- Pozzolan Material Proposal for Dasu HPP & DBDP	
80.	23.02.23	GM/PD/Dasu HPP/DD(T)/ Dam-35/766-69	Request for Issuance of Visa for Personnel of M-s China Gezhouba Group Co.LTD (CGGC)	
81.	27.02.23	GM/PD/DHPP/Contracts/MW-01/83/1745-47	Additional Cost Claim due to Change in Legislation	
82.	27.02.23	GM/PD/DHPP/Contracts/MW-01/81/1751-55	Recovery Plan to Catch up the Progress of Cut-Off Wall and Starter Dam	
1.8. Dasu-MW-02				
Dasu-Office				
83.	01.02.23	GM/PD/DHPP/S&D/MW-02/ 1048-51	Land Handover	
84.	15.02.23	GM/PD/DHPP/Contracts/MW-01/97/1373-80	Extension of Insurance Policies Due to the Extension of Time	
85.	20.02.23	GM/PD/DHPP/Contracts/MW-02/1554-59	Security at Construction Sites	
86.	27.02.23	GM/PD/DHPP/Contracts/MW-02/93/1748-50	Additional Cost Claim due to Change in Legislation	
1.9. Dasu-LBRV-11				
Dasu-Office				
87.	03.02.23	GM/PD/DHPP/Contracts/LBRV-11/71/1106-10	Submission of Final Extension of Time (EOT)	
88.	16.02.23	GM/PD/DHPP/Contracts/LBRV-11/71/1395-98	Submission of Final Extension of Time (EOT) for the LBRV-11	
1.10. Dasu-LBRV-12				
Dasu-Office				
89.	03.02.23	GM/PD/DHPP/Contracts/LBRV-12/72/1098-1102	Submission of Final Extension of Time (EOT)	
1.11. Dasu-PCI-01R				
Dasu office				
90.	06.02.23	GM/PD/DHPP/PCI-01R/1160-63	Irregular Top Surface levels of the P-1 Road	
91.	16.02.23	GM/PD/DHPP/Contracts/PCI-01R/37/1385-90	Extension of Performance Security	
92.	16.02.23	GM/PD/DHPP/PCI-01R/1427-31	Supply Installation Testing and Commissioning of Solar Power System for Project Office	
93.	24.02.23	GM/PD/DHPP/PCI-01R/1725-29	Construction of Watch Towers and Security Measures in Choochang Colony	
1.12. Dasu-PCI-02				
Dasu office				
94.	08.02.23	GM/PD/DHPP/PCI-02R/131/ 1184-87	Evaluation of Pre-Qualification Applications-Clarification No.1	

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Appendix E [3/16]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
95.	15.02.23	GM/PD/DHPP/PCI-02/131/1316-18	Pre-Qualification Application	
96.	24.02.23	GM/PD/DHPP/Contracts/PC-02/131/1700-1704	Construction of Project Colony and Infrastructure Evaluation Report on Pre- Qualification of Applicants	
1.13. Dasu-EM-01				
Dasu-Office				
97.	01.02.23	GM/PD/DHPP/Contracts/EM-01/107A/1029-32	Notice of Arrival Shipment of Contract EM-01	
98.	01.02.23	GM/PD/Dasu HPP/EM-01/2023/1084-87	Shifting of Generators from Neelum Jhelum Hydropower Project Company	
99.	21.02.23	GM/PD/Dasu HPP/EM05/1604-05	Request for Coordination with NTDC Regarding Relay Protection System Single Line Diagram for 765KV Transmission Line	
100.	24.02.23	GM/PD/DHPP/Contracts/EM-01/107/1705-11	EM-01-Sales Tax Exemption Certificate -Custom Clearance of 1st Shipment	
101.	28.02.23	GM/PD/Dasu HPP/FAT-TRG/1771-72	Visit to China-Nomination for Witnessing FAT of Stay Ring for Unite No.01 of DHPP, Kohistan	
102.	27.02.23	GM/PD/DHPP/A-11/GE-PC JV/1765-67	23Operation and Maintance of Vehicles	
1.14. Dasu-S&R				
Dasu-Office				
103.	01.02.23	GM/PD/DHPP/LA-S&R/W-35/289-91	Application of Mr. Akhter Khan	
104.	01.02.23	GM/PD/DHPP/LA-S&R/W-35/286-88	Application of Mr. Fakhar UI Islam	
105.	02.02.23	GM/PD/DHPP/LA-S&R/W-35/292-94	Compensation Issue of Mr. Abdul Ghani	
106.	02.02.23	GM/PD/DHPP/LA-S&R/W-149/295-97	Revised Assessment Report of Built Up Property in Respect of Dogah End Point to Gayal Nullah (File-1)	
107.	03.02.23	GM/PD/DHPP/LA-S&R/W-35/295-98	Application of Mr.Abdul Qahir & Mr.Abdul Sattar	
108.	06.02.23	GM/PD/DHPP/S&R/E-66/226	Change of Ownership In Revenue Record	
109.	07.02.23	GM/PD/DHPP/S&R/E-66/230	Approval of 21 Affected Households Missing in Original Household List	
110.	07.02.23	GM/PD/DHPP/S&R/E-66/228	Application Regarding Self-Managed Relocation (SMR)	
111.	07.02.23	GM/PD/DHPP/S&R/E-66/299	Application Regarding Compensation of Land Graveyard & Masque	
112.	07.02.23	GM/PD/DHPP/S&R/E-66/332	Complaint Form-Regarding Self-Managed Relocation (SMR)	
113.	07.02.23	GM/PD/DHPP/S&R/E-66/331	Application Regarding Nullah Restoration at Komila Bypass	
114.	13.02.23	GM/PD/DHPP/S&R/E-28/347-48	Registration of all Workers With EOBI	
115.	13.02.23	GM/PD/DHPP/S&R/E-34/344-46	Provision of Working Data of Madani Masjid Dasu	
116.	13.02.23	GM/PD/DHPP/S&R/E-66/343	Application Regarding Self -Managed Relocation (SMR)	
117.	14.02.23	GM/PD/DHPP/S&R/E-29/340-41	Non Receiving of SMR Allowances Cheques by the PAPS	
118.	16.02.23	GM/PD/DHPP/S&R/E-66/344	Application Regarding Self -Managed Relocation (SMR)	
119.	16.02.23	PD/DHPP/S&R/E-66/349-52	Stoppage of Payment of ESMR Package and Other Allowances to the Affected Houses Holds (AHHs)	
120.	16.02.23	PD/DHPP/S&R/E-29/361-64	Clarification of Revenue Record of Khasra No 46, Khushi to Logro Component -DHPP	
121.	16.02.23	PD/DHPP/S&R/E-29/357-60	Clarification -Correction of Structure Category Reflected in Assessment of Built-Up Property of Khasra No.31	
122.	16.02.23	PD/DHPP/S&R/E-29/353-56	Clarification -Correction of Structure Category Reflected in Assessment of Built-Up Property of Khasra No.88	
123.	20.02.23	GM/PD/DHPP/LA/S&R/W-35/304-06	Request for Review of GIS Report	
124.	22.02.23	GM/PD/DHPP/S&R/2022/E-66/372	Application Regarding Self- Managed Relocation (SMR)	
125.	22.02.23	GM/PD/DHPP/S&R/E-66/381-84	Application Regarding Self - Managed Relocation (SMR)	
126.	24.02.23	GM/PD/DHPP/S&R/E-34/427-29	Livelihood Staff of DHC	
127.	24.02.23	GM/PD/DHPP/S&R/E-66/423	Correction in Record Against Application Submitted by Gul Zada Resident of Siglo Seo District Kohistan	
128.	28.02.23	GM/LA&R/Coord/E-3/38-39	Compensation Issue	
129.	28.02.23	GM/PD/DHPP/S&R/2023/E-66/434	Comments on Application Regarding Self-Managed Relocation	
1.15. Dasu-LADP				
Dasu Office				
130.	01.02.23	PD-DHPP/S&R/E-34/204-06	Quotations for Design Installation Testing and Commissioning of Solar System for Schools	
131.	06.02.23	PD-DHPP/S&R/E-34/218-23	Notification of Award - Letter of Acceptance	
132.	22.02.23	GM/PD/DHPP/S&R/E-34/373	Provision of LADP Working Data -Record in Soft Form	
133.	24.02.23	GM/PD/DHPP/S&R/E-34/424	LADP-Office Record	
2. From Contractors				
2.1. Dasu-RAR-01				
Dasu Office				
134.	02.02.23	CCECC/PAK/DASUFIELD/RAR-01/HSE-23-003	Submission of Training Record for Oil Spill Prevention	
135.	03.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-WR-005	Weekly Progress Reports (20 January to 02 February 2023)	
136.	04.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-013	Occurrence of Land sliding at Komila Bypass- Notice of Contractors Intent to Claim	
137.	05.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-014	Request for Removal of House Situated Inside the Row of Komila Bypass at K0+412	
138.	12.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-WR-006	Weekly Progress Report	
139.	18.02.23	CCECC/PAK/DASUFIELD/RAR-01/HSE-23-004	Nomination for ISO 45001 Lead Auditor Training	
140.	25.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-015	Increase in Sales Tax from 17% to 18% -Notice of Contractor's Intent to Claim	
141.	26.02.23	CCECC/PAK/DASUFIELD/RAR-01/23-016	Notice of Change of Contractors Bank Account for Local Currency (Pakistan Rupee)	
2.2. Dasu-RAR-02				
Dasu-Office				
142.	01.02.23	CGGC/RAR-02/ED/DHC-507	Work Stopped Due to the Local Houses in Kandia	
143.	03.02.23	CGGC/RAR-02/HSED/DHC-508	Incident Investigation Report for Ghyal Access Road	
144.	04.02.23	CGGC/RAR-02/CD/DHC-509	Month Wise Breakdown of Work Done and Supporting Document for The Interim Payment Application No.3	
145.	07.02.23	CGGC/RAR-02/HRD/DHC-510	Submission of Staff Information List	
146.	07.02.23	CGGC/RAR-02/HRD/DHC-511	Blasting Plan in Next Week	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
147.	07.02.23	CGGC/RAR-02/ED/DHC-512	Weekly Progress Report	
148.	07.02.23	CGGC/RAR-02/HSED/DHC-513	Awareness Session Regarding Oil & Chemical Management and Spill Response	
149.	08.02.23	CGGC/RAR-02/CD/DHC-514	Translation for Claim on Account of Delayed Commissioning Extension of Bank Guarantees	
150.	11.02.23	CGGC/RAR-02/ED/DHC-515	Report on the Impact of Oil Shortage on Construction of the Project	
151.	11.02.23	CGGC/RAR-02/TD/DHC-516	Submission of Loose Deposits at K32+659 Geotechnical Investigation Work Plan	
152.	13.02.23	CGGC/RAR-02/HSED/DHC-517	Submission of the Monthly OHS Report in January 2023	
153.	13.02.23	CGGC/RAR-02/TD/DHC-518	Submission of EOT-1 Report	
154.	14.02.23	CGGC/RAR-02/ED/DHC-519	Weekly Progress Report of RAR-02	
155.	14.02.23	CGGC/RAR-02/ED/DHC-520	Claim Notice of Exceptionally Adverse Climatic Conditions	
156.	15.02.23	CGGC/RAR-02/ED/DHC-521	Blasting Plan in Next Week	
157.	16.02.23	CGGC/RAR-02/ED/DHC-522	Letter on Sewage in Uchar Batching Plant	
158.	19.02.23	CGGC/RAR-02/FD/DHC-523	Request for the Payment of 3# Interim Payment Certificate	
159.	19.02.23	CGGC/RAR-02/ED/DHC-524	Monthly Progress Report	
160.	20.02.23	CGGC/RAR-02/ED/DHC-525	Weekly Progress Report	
161.	20.02.23	CGGC/RAR-02/ED/DHC-526	Blasting Plan in Next Week	
162.	20.02.23	CGGC/RAR-02/ED/DHC-527	Concerning the Suspension of Work at the Site as a Result of Undemolished Houses in Gayal Village and in the Kandia Valley	
163.	20.02.23	CGGC/RAR-02/CD/DHC-528	Notice to Claim Against Changes in Legislation	
164.	21.02.23	CGGC/RAR-02/ED/DHC-529	Kandia K34 +420 and +820 Work Hindrance	
165.	21.02.23	CGGC/RAR-02/CD/DHC-529	Proposal for Variation Works for Loose Deposits at Km 32+650 Geotechnical Investigation	
166.	22.02.23	CGGC/RAR-02/CD/DHC-531	Submission of the Monthly Environment Report in January 2023	
167.	25.02.23	CGGC/RAR-02/ED/DHC-532	Reply for the Poor Progress Rate	
168.	27.02.23	CGGC/RAR-02/HSED/DHC-533	Submission of the Actions Closeout of the K13 Seo Incident Dated 28th Jan 2023	
169.	27.02.23	CGGC/RAR-02/HSED/DHC-534	Request for the Close-out NCR for the Ambulance	
170.	27.02.23	CGGC/RAR-02/HSED/DHC-535	Submission of the Actions Closeout of the Ghayal Incident Dated 21st Jan 2023	
2.3. Dasu-KKH-01				
Dasu Office				
171.	01.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-011	Material Approval of Deformed Steel Bars (Grade-60) of Pak Steel	
172.	01.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-015	KKH-01-OSH KPI January 2023	
173.	01.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-016	Recommendation Letter to Obtain NOC for Renewal of Explosive License (Form EL-03)	
174.	01.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-013	Approval of Beijing Oriental YUHONG Waterproof Technology Co.Ltd	
175.	01.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-012	Submission of Barseen Aggregate Petrography Report	
176.	03.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-017	Nomination of Security Officer- CCECC	
177.	03.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-017	Nomination of Security Officer- CCECC	
178.	03.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-014	Submission of Kaigah Aggregate Petrography Report	
179.	03.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-018	Fortnightly Explosive Record 16-31 January 2023	
180.	03.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-019	Request for Internet Facility for CCECC Main Camp Chuchang Dasu HPP	
181.	05.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-284	Weekly Progress Report (01 November to 15 November 2022)	
182.	04.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-285	Weekly Progress Report (16 November to 30 November 2022)	
183.	04.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-286	Weekly Progress Report (01 December to 15 December 2022)	
184.	04.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-289	Weekly Progress Report (23 January to 29 January 2023)	
185.	05.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-287	Weekly Progress Report (16 December to 30 December 2022)	
186.	05.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-288	Weekly Progress Report (01 January to 15 January 2023)	
187.	05.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-289	Weekly Progress Report (16 January to 22 January 2023)	
188.	08.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-015	Construction of External Water Supply for Chuchang Resettlement Village	
189.	08.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-016	Construction of Safety Railing and Chain Link Fence for Resettlement Village Sites	
190.	07.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-020	Proposed Resume for the Position of OHSO	
191.	08.02.23	CCECC/PAK/DASU-HPP/ KKH-01/WR-291	Submission of Weekly Progress Report	
192.	10.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-017	Approval of Semicircular Drain Pipe of Beijing Oriental Yuhong Water Technology Co Ltd as a Source of Tunnel Material	
193.	11.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-018	Occurrence of Heavy Rainfall and Snow Resulting in Land Slides and Complete Stoppage of Work	
194.	14.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-019	KKH-01-Submission of Interim Payment Application -IPA No.30	
195.	15.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-022	Monthly OHS Monitoring Report # 85 , January 2023	
196.	15.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-023	Monthly EHS Monitoring Report # 84, January 2023	
197.	16.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-024	Recommendation Letter for Renewal of Explosive License	
198.	18.02.23	CCECC/PAK/DASU-HPP/ KKH-01/-23-020	The Contractor's Night Shift Activities	
199.	18.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-021	Fortnightly Explosive Record,1-15 February 2023	
200.	18.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-025	Nominees for ISO 45001Laad Auditor Training	
201.	20.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-026	Request for Nomination of Social Coordinators	
202.	21.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-021	Stoppage of Excavation Activities by Local People at Zero Point	
203.	22.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-022	Request for Invitation Letter of Visa	
204.	24.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-023	Notice of Change of Contractor's Bank Account for Local Currency (Pakistani Rupee)	
205.	25.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-024	Increase in Sales Tax from 17 % to 18 % -Notice of Contractor's Intent to Claim	
206.	26.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-027	Required Security Personnel for New Chinese Camps at Dasu - HPP	
207.	26.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-030	ES- Pak Laboratory Environmental Monitoring Approval	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
208.	24.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-031	Fortnightly Explosive Records 1-15 January 2023, 13-31 January 2023 1-15 February 2023	
209.	27.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-032	Used Oil Filter Storage Record (EHS MOM Item No.65 Jan 31st 2023)	
210.	28.02.23	CCECC/PAK/DASU-HPP/ KKH-01/23-025	Non Conformities at K9 Invert Arch	
211.	27.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-033	Cost Breakup of BoQ No. VO-005G3 for EHS OHS and Security	
212.	28.02.23	CCECC/PAK/DASU-HPP/ KKH-01/HSE-23-034	Newly Hired EHS Supervisors CVs MOM Item No.16 Jan 31st 2023	
2.4. Dasu-KKH-02				
Dasu Office				
213.	02.02.23	CGGC/KKH-02/FD/DHC-379	Request for the Payment of 4# Interim Payment Certificate	
214.	01.02.23	CGGC/KKH-02/TD/DHC-380	Notice to Claim Record for Impediment During Construction Activities at RD K25+700-K28+500	
215.	03.02.23	CGGC/KKH-02/TD/DHC-381	Geological Investigation Standard of DID	
216.	07.02.23	CGGC/KKH-02/HRD/DHC-382	Submission of Staff Information List	
217.	07.02.23	CGGC/KKH-02/ED/DHC-384	Blasting Plan in Next Week	
218.	07.02.23	CGGC/KKH-02/ED/DHC-384	Weekly Progress Report	
219.	07.02.23	CGGC/KKH-02/CD/DHC-385	Reply to Reminder No.3 for Submission of VO-002 Proposal	
220.	07.02.23	CGGC/KKH-02/HSED/DHC-386	Submission of Method Statement for Material Haulage at K-34 & K-36	
221.	08.02.23	CGGC/KKH-02/CD/DHC-387	Translation for Claim on Account of Delayed Commissioning Extension of Bank Guarantees	
222.	09.02.23	CGGC/KKH-02/CD/DHC-388	Reply to Damages to SCO Assets During Construction of Relocated KKH	
223.	09.02.23	CGGC/KKH-02/CD/DHC-389	Reply to Draft Variation Documents for VO-001	
224.	11.02.23	CGGC/KKH-02/ED/DHC-390	Report on the Impact of Oil Shortages on Construction of the Project	
225.	14.02.23	CGGC/KKH-02/HSED/DHC-391	Submission of Revised Method Statement for Material Haulage at K-34 & K-36 of KKH-02	
226.	14.02.23	CGGC/KKH-02/ED/DHC-392	Weekly Progress Report KKH-02	
227.	14.02.23	CGGC/KKH-02/ED/DHC-393	Blasting Plan in Next Week of KKH-02	
228.	15.02.23	CGGC/KKH-02/ED/DHC-374	Submission of the Statement Application for IPC05	
229.	17.02.23	CGGC/KKH-02/ED/DHC-394	Claim Notice of Exceptionally Adverse Climatic Conditions	
230.	17.02.23	CGGC/KKH-02/CD/DHC-395	Re-Submission of the Geological Investigation Variation Proposal for the Varied Bridges	
231.	16.02.23	CGGC/KKH-02/CD/DHC-396	Notice to Claim -Record for Impediment During Executing Construction Activities	
232.	18.02.23	CGGC/KKH-02/ED/DHC-397	Monthly Progress Report	
233.	18.02.23	CGGC/KKH-02/HSED/DHC-398	Nomination for Participation in ISO 450001 Lead Auditor Training	
234.	20.02.23	CGGC/KKH-02/CD/DHC-399	Submission of the Commercial Proposal for the Varied Tunnels and Bridges	
235.	20.02.23	CGGC/KKH-02/CD/DHC-400	Notice to Claim Against Changes in Legislation	
236.	21.02.23	CGGC/KKH-02/CD/DHC-401	Notice to Claim -Record for Impediment During Construction Activities at RD K44	
237.	21.02.23	CGGC/KKH-02/HSED/DHC-402	Resume for the Position of Deputy HSE	
238.	21.02.23	CGGC/KKH-02/TD/DHC-403	Submission of the Technical Proposal for the Varied Tunnels and Bridges	
239.	21.02.23	CGGC/KKH-02/TD/DHC-404	Landslides on Slopes Between Relocated KKH-02 and the Existing KKH	
240.	21.02.23	CGGC/KKH-02/CD/DHC-405	Interim Claim KKH-02 -C-01(07) Period Jan.01.2023-Jan .31 2023)	
241.	20.02.23	CGGC/KKH-02/CD/DHC-406	Interim Claim KKH-02 -C-02 (02 (Period 1st Nov.2022 -31st Jan .2023)	
242.	22.02.23	CGGC/KKH-02/CD/DHC-407	Notes on the Road Tunnel Utilities in Contractor's Proposal	
243.	22.02.23	CGGC/KKH-02/ED/DHC-408	Weekly Progress Report	
244.	22.02.23	CGGC/KKH-02/ED/DHC-409	Blasting Plan in Next Week of KKH-02	
245.	22.02.23	CGGC/KKH-02/HSED/DHC-410	Settlement with the Affected Family - Fatal Accident on Dec.24th , 2022	
246.	23.02.23	CGGC/KKH-02/HSED/DHC-411	Environmental Fortnightly Training Report	
247.	23.02.23	CGGC/KKH-02/HSED/DHC-412	Submission of Revised Emergency Response Plan of KKH-02	
248.	23.02.23	CGGC/KKH-02/HSED/DHC-413	High Risk Area Alert at K44	
249.	24.02.23	CGGC/KKH-02/CD/DHC-414	Reply to Engineers Instruction for Execution of Variation KKH-02 VO-001	
250.	25.02.23	CGGC/KKH-02/CD/DHC-415	Notice to Claim Record for Impediment During Construction Activities at RD K26+370-K26+400 of KKH-02	
251.	28.02.23	CGGC/KKH-02/HSED / WAPDA- 9	Request to Install the Communication System at Looter Area	
2.5. Dasu-TL-01				
Dasu Office				
252.	04.02.23	PC/Dasusite/TL-01/2023-017	Monthly Progress Report for January 2023	
253.	04.02.23	PC/Dasusite/TL-01/2023-018	Data List of In-Migrants PAK Workforce & Daily Wages Data for the Month of January 2023	
254.	04.02.23	PC/Dasusite/TL-01/2023-019	Submission of List of Vehicles for the Month of January 2023	
255.	05.02.23	PC/Dasusite/TL-01/2023-020	Police Clearance Certificate of Pakistani Staff	
256.	05.02.23	PC/Dasusite/TL-01/2023-021	Weekly Progress Report	
257.	06.02.23	PC/Dasusite/TL-01/2023-022	Submission of 75 Health Safety & Environment (HSE) Report for the Month of January 2023	
258.	11.02.23	PC/Dasusite/TL-01/2023-023	Revised 74th Health Safety & Environment (HSE) Report for the Month of December 2022	
259.	14.02.23	PC/Dasusite/TL-01/2023-024	Submission of Weekly Progress Report	
260.	17.2.23	PC/Dasusite/TL-01/2023-025	Police Clearance Certificates of Pakistani Staff	
261.	18.02.23	PC/Dasusite/TL-01/2023-026	Nomination of Candidates for Participation in ISO 54001 Lead Auditor Training	
262.	19.02.23	PC/Dasusite/TL-01/2023-027	Submission of Resume of HSE Supervisor	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
263.	20.02.23	PC/Dasusite/TL-01/2023-028	Request for Release of Performance Guarantee	
264.	20.02.23	PC/Dasusite/TL-01/2023-029	Delegation of Authority as Project Manager	
265.	20.02.23	PC/Dasusite/TL-01/2023-030	Submission of Weekly Progress Report	
266.	27.02.23	PC/Dasusite/TL-01/2023-031	Extension of Advance Payment Guarantee (LG288021500113)	
267.	27.02.23	PC/Dasusite/TL-01/2023-032	Request for Replacement of Roof Treatment Concrete tiles with Plain Cement Concrete for Control House Building	
2.6. Dasu MW-01				
Dasu Office				
268.	01.02.23	CGGC/MW-01/HSED/DHC-2808	Incident Investigation Report for New Crushing and Batching Plant	
269.	05.02.23	CGGC/MW-01/TD/DHC-2809	Submission of the Convergence Measurements Data January 2023	
270.	05.02.23	CGGC/MW-01/TD/DHC-2810	Blasting Plan in Next Week	
271.	06.02.23	CGGC/MW-01/ED/DHC-2811	Report on the Delay in Land Handover	
272.	06.02.23	CGGC/MW-01/CD/DHC-2812	Supplementary Documents of Landslide Claim	
273.	06.02.23	CGGC/MW-01/TD/DHC-2813	Submission of Minutes of Meeting on the River Diversion During Construction for Dasu HPP	
274.	06.02.23	CGGC/MW-01/ED/DHC-2814	Weekly Progress Report	
275.	07.02.23	CGGC/MW-01/HRD/DHC-2815	Submission of Staff Information List	
276.	07.02.23	CGGC/MW-01/TD/DHC-2816	Reply of Excavation of Right Bank Diversion Channel at Diversion Tunnel outlet	
277.	07.02.23	CGGC/MW-01/HSED/DHC-2817	Incident Investigation Report for Steel Workshop	
278.	09.02.23	CGGC/MW-01/HSED/DHC-2818	Monthly Progress Report	
279.	09.02.23	CGGC/MW-01/EMD/DHC-2819	Submission of the Inspection Method of DT-A Repaired Guide Frame (HSS)	
280.	10.02.23	CGGC/MW-01/TD/DHC-2820	Request to Provide the Flood Discharge of Overtopping Start Dam	
281.	10.02.23	CGGC/MW-01/TD/DHC-2821	Submission of the Drawing of Uchar Power Station Generator Room D2	
282.	10.02.23	CGGC/MW-01/TD/DHC-2822	Method Statement of River Channel Dredging of the Diversion Tunnel Outlet (D3)	
283.	10.02.23	CGGC/MW-01/TD/DHC-2823	Report on the Impact of Oil Shortage on Construction of the Project	
284.	11.02.23	CGGC/MW-01/CD/DHC-2824	Meeting on Claim for Additional Payment for Prolongation and Disruption Cost Claim	
285.	11.02.23	CGGC/MW-01/ED/DHC-2825	Reply to Recovery Plan to Catch up Progress of Cut-Off Wall of Starter Dam	
286.	13.02.23	CGGC/MW-01/HSED/DHC-2826	Submission of the Monthly OHS Report in January 2023	
287.	13.02.23	CGGC/MW-01/CD/DHC-2827	Commercial Proposal of Safety Railing and Chain Link Fence for Resettlement Village Sites	
288.	13.02.23	CGGC/MW-01/CD/DHC-2828	Commercial Proposal of External Water Supply for Choochang Resettlement Village	
289.	13.02.23	CGGC/MW-01/TD/DHC-2829	MW-01-Submission of Fuji LAC, Pump Concrete Mix Design (160-200mm C30 & C40	
290.	14.02.23	CGGC/MW-01/TD/DHC-2831	Submission of the Construction Progress of the Cut-off Wall	
291.	14.02.23	CGGC/MW-01/TD/DHC-2832	Blasting Plan in Next Week of MW-01	
292.	14.02.23	CGGC/MW-01/TD/DHC-2834	MW-01-Request Repeated CVC Mix Design With CAYC GK-4A WRA	
293.	13.02.23	CGGC/MW-01/CD/WAPDA-83	Crushing and Batching Plant Claim	
294.	23.02.23	CGGC/MW-01/ED/DHC-2833	Weekly Progress Report	
295.	15.02.23	CGGC/MW-01/EMD/DHC-2835	Submission of the Overtop Start Dam Design Calculation (D2)	
296.	16.02.23	CGGC/MW-01/EMD/DHC-2836	Submission Rescue and Diversion Plans for Crane and Loader Accidents	
297.	16.02.23	CGGC/MW-01/EMD/DHC-2837	Awareness Session Regarding Oil & Chemical Management and Spill Response	
298.	16.02.23	CGGC/MW-01/HSE/DHC-2838	Submission of the Reports Regarding Air Dispersion Modeling and Noise Assessment at Seo Crushing Plants	
299.	18.02.23	CGGC/MW-01/E/DHC-2839	Report on the Road Hindrance to Right Bank Siglo Area	
300.	19.02.23	CGGC/MW-01/E/DHC-2840	Submit Two Masonry Mortar Mix Design	
301.	18.02.23	CGGC/MW-01/CD/DHC-2841	Draft Minutes of Meeting Held on 31 January 2023 on Contractor's Claim for Prolongation Cost	
302.	19.02.23	CGGC/MW-01/TD/DHC-2842	Letter on Adjustment of Uchar Power Station Cable Trench	
303.	19.02.23	CGGC/MW-01/TD/DHC-2843	Submission of the Drawings for 2nd Concrete Stage and Embedded Parts of Dogging Device	
304.	20.02.23	CGGC/MW-01/ED/DHC-2844	Blasting Plan in Next Week	
305.	20.02.23	CGGC/MW-01/CD/DHC-2844	Notice to Claim Against Changes in Legislation	
306.	22.02.23	CGGC/MW-01/FD/DHC-2846	Request for the Payment of 34 # Interim Payment Certificate	
307.	20.02.23	CGGC/MW-01/ED/DHC-2847	Weekly Progress Report	
308.	22.02.23	CGGC/MW-01/ED/DHC-2848	Request for Removal of Locals ' Cable in 2 # Crushing System Area	
309.	22.02.23	CGGC/MW-01/CD/DHC-2849	Proposal for Variation Works for Permanent Access Roads and Construction Access Roads in Left Bank	
310.	22.02.23	CGGC/MW-01/HSED/DHC-2850	Submission of the Monthly Environment Report in January 2023	
311.	22.02.23	CGGC/MW-01/HSED/DHC-2851	Nomination for Participation in ISO 45001 Lead Auditor Training	
312.	23.02.23	CGGC/MW-01/CD/DHC-2852	Extension of Insurance Policies	
313.	23.02.23	CGGC/MW-01/ED/DHC-2853	Letter Regarding Road Hindrance of Siglo 2# Batching Plant on the Right Bank	
314.	23.02.23	CGGC/MW-01/ED/DHC-2854	Letter No Accelerating the Construction of the Uchar River Bridge	
315.	24.02.23	CGGC/MW-01/TD/DHC-2855	Letter Clarify the Aggregate Gradation Standard of the No.1 Uchar Crushing Plant	
316.	24.02.23	CGGC/MW-01/ED/DHC-2856	Reply to Engagement of Third Party Environmental Monitoring Laboratory	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
317.	26.02.23	CGGC/MW-01/ED/DHC-2857	Letter Regarding Road Hindrance of Construction of Temporary Facilities in Siglo Area	
318.	25.02.23	CGGC/MW-01/GD/DHC-2858	Clarification on Recommendation Letter for Customer Clearance of Gini Pozzolan Factory Equipment	
319.	26.02.23	CGGC/MW-01/HSED/DHC-2860	Request for Report Withdrawal of Air Dispersion Modeling and Noise	
320.	26.02.23	CGGC/MW-01/HSED/DHC-2859	Submission of Method Statement of Starter Dam Cut-off Wall (D4)	
321.	26.02.23	CGGC/MW-01/CD/DHC-2862	Submission of the Statement Application for IPC 36	
322.	28.02.23	CGGC/MW-01/TD/DHC-2863	The Plan for the Material Testing in Third-party in February 2023	
323.	28.02.23	CGGC/MW-01/TD/DHC-2864	2nd Reminder for Requesting the Engineer to Confirm RCC Special Test	
2.7. Dasu-MW-02				
Dasu-Office				
324.	03.02.23	CGGC/MW-02/HSED/DHC-2050	Incident Investigation Report for Power House Grouting Operation	
325.	03.02.23	CGGC/MW-02/HSED/DHC-2051	Incident Investigation Report for Power House Office Area Sprinkling Vehicle Turnover	
326.	03.02.23	CGGC/MW-02/HSED/DHC-2052	Reply to the Status of Recruitment of Environmental Officer	
327.	04.02.23	CGGC/MW-02/CD/DHC-2053	Overturning of the LNG Tanker Near the Barseen Camp	
328.	05.02.23	CGGC/MW-02/TD/DHC-2054	Submission of the Convergence Measurements Data January 2023	
329.	05.02.23	CGGC/MW-02/TD/DHC-2055	Blasting Plan	
330.	06.02.23	CGGC/MW-02/ED/DHC-2056	Report on the Delay in Land Handover	
331.	06.02.23	CGGC/MW-02/ED/DHC-2057	Weekly Progress Report	
332.	07.02.23	CGGC/MW-02/HRD/DHC-2058	Submission of Staff Information List	
333.	09.02.23	CGGC/MW-02/ED/DHC-2059	Monthly Progress Report	
334.	10.02.23	CGGC/MW-02/TD/DHC-2060	Submission of the Method Statement of Excavation and Supporting of Tailrace Tunnel (D2)	
335.	11.02.23	CGGC/MW-02/ED/DHC-2061	Report on the Impact of Oil Shortage on Construction of the Project	
336.	11.02.23	CGGC/MW-02/CD/DHC-2062	Meeting on Claim for Additional Payment for Prolongation and Disruption Cost Claim	
337.	13.02.23	CGGC/MW-02/HSED/DHC-2063	Submission of the Monthly OHS Report in January 2023	
338.	13.02.23	CGGC/MW-02/TD/DHC-2064	MW-02-Submission of Fauji LAC, Pump Concrete Mix Design	
339.	13.02.23	CGGC/MW-02/ED/DHC-2065	Blasting Plan of MW-02	
340.	14.02.23	CGGC/MW-02/TD/DHC-2067	Request Repeated CVC Mix Design With CAYC GK-4A WRA	
341.	13.02.23	CGGC/MW-02/ED/DHC-2066	Weekly Progress Report	
342.	15.02.23	CGGC/MW-02/TD/DHC-2068	Submission of the Method Statement of the vault Surge Chamber Excavation and Support	
343.	16.02.23	CGGC/MW-02/HSED/DHC-2069	Reply to the NCR Regarding Failure to Provide Adequate Lighting and Ventilation in STB , Penstock 1 and Penstock 2 Tunnels	
344.	16.02.23	CGGC/MW-02/HSED/DHC-2070	Awareness Session Regarding Oil & Chemical Management and Spill Response	
345.	16.02.23	CGGC/MW-02/HSED/DHC-2071	Reply to the NCR Regarding Failure to Provide Adequate Lighting and Ventilation in MAT, STA,STB Penstock 1 and Penstock 2 Tunnels	
346.	17.02.23	CGGC/MW-02/TD/DHC-2072	Submission the Drawing of Facilities for Police and Security Staff at CR9 , Tailrace and Khushi Camp Area	
347.	19.02.23	CGGC/MW-02/TD/DHC-2074	Submission of Two Masonry Mortar Mix Design (820)	
348.	20.02.23	CGGC/MW-02/ED/DHC-2075	Blasting Plan	
349.	20.02.23	CGGC/MW-02/CD/DHC-2076	Notice to Claim Against Changes in Legislation	
350.	21.02.23	CGGC/MW-02/CD/DHC-2077	Visa Invitation Letter	
351.	22.02.23	CGGC/MW-02/FD/DHC-2078	Request for the Payment of 34 # Interim Payment Certificate	
352.	20.02.23	CGGC/MW-02/ED/DHC-2079	Weekly Progress Report	
353.	22.02.23	CGGC/MW-02/ED/DHC-2080	Submission of the Monthly Environment Report in January 2023	
354.	22.02.23	CGGC/MW-02/HSED/DHC-2081	Incident Investigation Report Regarding Mobile Crane Toppled While Lifting the Loader	
355.	22.02.23	CGGC/MW-02/HSED/DHC-2082	Reply to Concerns Regarding incident Control Work Site	
356.	22.02.23	CGGC/MW-02/CD/DHC-2083	Extension of Insurance Policies due to the Extension of Time	
357.	24.02.23	CGGC/MW-02/TD/DHC-2084	letter specifying the aggregate gradation standard of the No. 1 New Uchar	
358.	26.02.23	CGGC/MW-02/TD/DHC-2085	Submission of the Method Statement of Excavation and Supporting of Surge Chamber Shaft	
359.	28.02.23	CGGC/MW-02/CD/DHC-2087	Submission of the Statement Application for IPC 36	
360.	28.02.23	CGGC/MW-02/TD/DHC-2088	The Plan for the Material Testing in Third-party in February	
2.8. Dasu-LBRV-11				
Dasu-Office				
361.	21.02.23	ZEG/DHC/LBRV-11/23-03	Submission of Final Extension of Time 12 EOT for Completion of Contract LBRV-11	
2.9. Dasu-LBRV-12				
Dasu-Office				
362.	21.02.23	ZEG/DHC/LBRV-12/23-03	Submission of Final Extension of Time EOT for Completion of Contract LBRV-12	
2.11. PCI-01R				
Dasu- Office				
363.	01.02.23	CGICOP-DASU-PCI-01R-PO-1664	Submission of Variation Order # 43 for Main Water Supply System to Uchar Site-1	
364.	03.02.23	CGICOP-DASU-PCI-01R-PO-1665	Submission of Data Sheet of Security & Road LED Light	
365.	04.02.23	CGICOP-DASU-PCI-01R-PO-1666	Clarification of the Fiber Glass Shade Over the Doors at first Floor of the Residence Category-1&2	
366.	08.02.23	CGICOP-DASU-PCI-01R-PO-1667	Monthly Progress Report for the Month of January 2023	
367.	13.02.23	CGICOP-DASU-PCI-01R-PO-1669	Submission of Variation Order # 03 Revision-1 for Provision of Electrification Work in Project Office Mumty (04 Nos)	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
368.	13.02.23	CGICOP-DASU-PCI-01R-PO-1670	PCI-01R-Response to Cost Proposal of Waterproofing	
369.	15.02.23	CGICOP-DASU-PCI-01R-PO-1671	Submission of Schedule for Construction of External Water Supply Works from Uchar Nullah to Resettlement Site Uchar-1	
370.	14.02.23	CGICOP-DASU-PCI-01R-PO-1671	Submission of Response to Non-Conformance Report NCR	
371.	17.02.23	CGICOP-DASU-PCI-01R-PO-1673	Clarification of the M.S Privacy Railing at First floor Backside Open Terrace of the Residence Category-1 Building	
372.	17.02.23	CGICOP-DASU-PCI-01R-PO-1674	Approval of ULTRA SBR LATEX bonding Material for Concrete Joint	
373.	18.02.23	CGICOP-DASU-PCI-01R-PO-1675	Method Statement for Transplant Grass	
374.	21.02.23	CGICOP-DASU-PCI-01R-PO-1676	Approval of Ultra Permalastic (Sealant) Material for Concrete Joint	
32.12 Dasu RV				
Dasu Office				
375.	01.02.23	KGL/Dasu-RV/23-012	Changes in the Contract Price-Clause 37	
376.	01.02.23	KGL/Dasu-RV/23-013	Revised Bill of Quantities	
377.	03.02.23	KGL/Dasu-RV/23-015	Submission of January 2023 Progress Report	
378.	03.02.23	KGL/Dasu-RV/23-016	Suggestion for Way Forward	
379.	04.02.23	KGL/Dasu-RV/23-017	Stoppage of Work	
380.	04.02.23	KGL/Dasu-RV/23-018	Interim Payment Certificate # 13	
381.	04.02.23	KGL/Dasu-RV/23-019	Appointment of Adjudicator	
382.	04.02.23	KGL/Dasu-RV/23-020	Extension of Performance Security (Bank Guarantee)	
383.	04.02.23	KGL/Dasu-RV/23-021	Rain at Site	
384.	14.02.23	KGL/Dasu-RV/23-022	PAR Road to Kuz Choochang Upper Portion Site 4	
385.	14.02.23	KGL/Dasu-RV/23-023	Revised Bill of Quantities	
386.	17.02.23	KGL/Dasu-RV/23-024	Request for Proceeding of Monthly Price Adjustment	
387.	21.02.23	KGL/Dasu-RV/23-025	Rain at Site	
388.	22.02.23	KGL/Dasu-RV/23-025	Appointment of Adjudicator	
389.	24.02.23	KGL/Dasu-RV/23-026	Submission of Revised Cost Proposal for External Water Supply Line	
2.13 Dasu EM-01				
Dasu Office				
390.	01.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0032	Request for Financial Instrument (FI) number of Second Batch of Delivery	
391.	03.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0033	Request for Response to Deduction of Taxes from Contractors Invoices	
392.	03.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0034	Submission of Revised 11Kv Single Line Diagram (Rev.C)	
393.	03.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0035	Application for the Interim Payment for the Six Pick-Up 4x4 Within Schedule No.4 Installation and Other Services	
394.	06.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0036	Delayed Approval for Contractors Technical Drawings	
395.	03.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0037	Response of Interim Payment Certificate IPC NO.02	
396.	06.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0038	Contractors Right to Suspend	
397.	13.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0039	EM-01-Response Regarding Updated Program of Performance V1.10	
398.	13.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0040	Submission of Police Clearance Certificates	
399.	14.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0041	Documentation of E-Mail Exchanges , Custom Clearance of 1st Shipment	
400.	15.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0042	Follow Up Response to Contractor's Commercial Letter (as of 14th February 2023	
401.	16.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0045	Income Tax and Sales Tax Exemption Certificates	
402.	18.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0046	Claim Additional Payment for December 2022 - Temporary Storage Cost at Ghazi	
403.	18.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0047	Claim Additional Payment for December 2022- Delay in Generation of Financial Instrument (FI) Number	
404.	17.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0048	Response to Idle Claim EM-01 -C-05 due to Row Issues at EM-01 Camp Site	
405.	20.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0049	Delayed Approval for Contractor's Technical Drawings	
406.	22.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0050	Dasu U4 Stay Ring Fat Notification for inspection (NFI) and Test Program	
407.	22.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0051	Submission of Drawings for EM-01 Camp Site	
408.	21.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0052	Notice of Claim Due to Delayed Generation or Clarification of FI Number by Employer for Goods	
409.	23.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0053	Monthly Report January 2023	
410.	23.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0055	List of Attendance for ISO 45001 Lead Auditor Training	
411.	24.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0009	Re-Submission the Excitation Cubicle Drawing and Excitation Transformer Drawing	
412.	24.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0054	Response Regarding Contractor's Right of Suspension	
413.	24.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0056	Response About Labor Cost Index in Contract Price Adjustment	
414.	28.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0058	Follow Up Income Tax and Sales Tax Exemption Certificates	
415.	28.02.23	Dasu-EM-01-LET-JV-WAPDA-DHC-2023-0061	Goods Declaration of Shipment No.1	
2.13 Dasu SA-01				
416.	14.02.23	4520/11/IUK/SSKD/01/34	Verification of IPC # 03	
2.14 Dasu RB-014				
Dasu Office				
417.	27.02.23	IKAN/WAPDA/Jalkot/190	Reminder Clause 23 Appointment of Adjudicator	
2.16 Dasu LADP-MI-2				
Dasu Office				
418.	07.02.23	KGL/Dasu-JMK/23-020	Roof Treatment	

Outgoing Letters from DHC

Sr. No	Date	Letter No.	Subject	Remarks
1. To WAPDA				
1.1. General				
Lahore office				
1.	01.02.23	DHC/LHR/WAPDA/GEN/you/23-022	Request for Promotion Shah Jahan Sr Engineer-4 (Tunnels) Sr Engineer Constr. Planning & Costing L42 to Principal Engineer (construction Planning & Costing) K63	
2.	01.02.23	DHC/LHR/WAPDA/GEN/you/23-023	Request for Promotion Muhammad Akif Sr Design Engineer-5 L44 to Principal Design Engineer (Powerhouse) L99	
3.	01.02.23	DHC/LHR/WAPDA/GEN/you/23-024	Request for Promotion Muhammad Rashid Sr Design Engineer (Infra) L56 to Principal Design Engineer (Infra)L125	
4.	01.02.23	DHC/LHR/WAPDA/GEN/zuh/23-025	Request for Approval Shoaib Ahmed Qadri Jr Costing & Constr. Planner / Schedule Monitoring engineer L85 Repl Imran Nazir	
5.	01.02.23	DHC/LHR/WAPDA/GEN/aiq/23-026	Statement Reimbursable Expenses Local Currency Portion for the Month of November 2022	
6.	01.02.23	DHC/LHR/WAPDA/GEN/you/23-027	Request for Approval Shifting of Sajid Nawaz Tarrar Sr Engineer L31 to Contract Engineer-2 L96	
7.	02.02.23	DHC/LHR/WAPDA/GEN/zuh/23-028	Request for Approval Shehzad Iqbal Jr Document Controller-1/Jr Planning Engineer L123	
8.	09.02.23	DHC/LHR/WAPDA/GEN/zuh/23-029	Request for Approval of Naveed Iqbal Sr W/S Engineer/Sr Quantity Engineer (LA5)	
9.	09.02.23	DHC/LHR/WAPDA/GEN/zuh/23-030	Request for Approval Alam Hussain Sr Quantity Engineer (L119) Replacement of Aurangzeb Irshad	
10.	10.02.23	DHC/LHR/WAPDA/GEN/zuh/23-031	QPR No. 33, for the Quarter July-September 2022	
11.	14.02.23	DHC/LHR/WAPDA/GEN/aiq/23-032	Invoice Remuneration of Local Currency Portion for the Month of January 2023	
12.	15.02.23	DHC/LHR/WAPDA/GEN/aiq/23-033	Statement of Reimbursable Expenses Local Currency Portion, Uchar Nullah Catchment Study by GMRC at Dasu HPP	
13.	16.02.23	DHC/LHR/WAPDA/GEN/aiq/23-034	Audit of Payment made to DHC for Period Oct 2016 to Apr 2020	
14.	20.02.23	DHC/LHR/WAPDA/GEN/you/23-036	Request for Promotion Ali Akbar Jr GIS Specialist L87 to Sr GIS Specialist L60	
15.	22.02.23	DHC/LHR/WAPDA/GEN/yaiq/23-037	Invoice (Remuneration) Foreign Currency Portion of January 2023-EURO	
16.	22.02.23	DHC/LHR/WAPDA/GEN/aiq/23-037	Invoice (Remuneration) Foreign Currency Portion of January 2023-JPY	
17.	22.02.23	DHC/LHR/WAPDA/GEN/aiq/23-038	Statement Reimbursable Expenses Foreign Currency Portion of January 2023-EURO	
18.	22.02.23	DHC/LHR/WAPDA/GEN/aiq/23-038	Statement Reimbursable Expenses Foreign Currency Portion of January 2023-JPY	
19.	22.02.23	DHC/LHR/WAPDA/GEN/mkk/23-038	Request for Extension of Multiple Entry Work Visa to Mr. Erkan Bozkurt	
Dasu office				
20.	01.02.23	DHC/Dasu/WAPDA/GEN/you/23-168	Security Arrangement for Travelling of CCECC Expatriates	
21.	01.02.23	DHC/Dasu/WAPDA/GEN/you/23-169	Security Arrangement for Travelling of CGGC Expatriates	
22.	01.02.23	DHC/Dasu/WAPDA/GEN/you/23-170	Security Arrangement for Travelling of CGGC Expatriates	
23.	01.02.23	DHC/Dasu/WAPDA/GEN/you/23-171	Security Arrangement for Travelling of MSC Expatriates	
24.	01.02.23	DHC/Dasu/WAPDA/GEN/you/23-172	Security Arrangement for Travelling of CCECC Expatriates	
25.	01.02.23	DHC/Dasu/WAPDA/GEN/nhs/23-173	Duplicate Payment of TRP Files	
26.	02.02.23	DHC/Dasu/WAPDA/GEN/you/23-174	Security Arrangement for Travelling of CGICOP Expatriates	
27.	02.02.23	DHC/Dasu/WAPDA/GEN/myb/23-175	Security Arrangements for travelling of DHC Expatriate (Mr. Mehmed Ali Demirkan)	
28.	02.02.23	DHC/Dasu/WAPDA/GEN/myb/23-176	Security Arrangements for travelling of DHC Expatriate (Mr. Ali Murat and Doung)	
29.	02.02.23	DHC/Dasu/WAPDA/GEN/myb/23-177	Security Arrangements for travelling of DHC Expatriates (Mr. Naim Karaman & Ali Onur)	
30.	03.02.23	DHC/Dasu/WAPDA/GEN/myb/23-178	Revised Security Arrangements for travelling of DHC Expatriates (Mr. John Allen & Duong)	
31.	03.02.23	DHC/Dasu/WAPDA/GEN/myb/23-179	Revised Security Arrangements for travelling of DHC Expatriates (Mr. Naim Karaman, Ali Onur & Ali Murat)	
32.	03.02.23	DHC/Dasu/WAPDA/GEN/you/23-180	Security Arrangement for Travelling of PCCC Expatriates	
33.	03.02.23	DHC/Dasu/WAPDA/GEN/you/23-181	Application Regarding Enhancement of Vehicle Rent	
34.	04.02.23	DHC/Dasu/WAPDA/GEN/you/23-182	Security Arrangement for Travelling of CCECC Expatriates	
35.	04.02.23	DHC/Dasu/WAPDA/GEN/you/23-183	Security Arrangement for Travelling of CCECC Expatriates	
36.	05.02.23	DHC/Dasu/WAPDA/GEN/you/23-184	Security Arrangement for Travelling of CGGC Expatriates	
37.	05.02.23	DHC/Dasu/WAPDA/GEN/you/23-185	Security Arrangement for Travelling of CGGC Expatriates	
38.	06.02.23	DHC/Dasu/WAPDA/GEN/sad/23-186	Revised Assessment Report of Built-Up Property in Respect Component Viz Dogah End Point to Gayal Nullah (File-1)	
39.	06.02.23	DHC/Dasu/WAPDA/GEN/sad/23-187	Security Arrangement for Travelling of CCECC Expatriates	
40.	06.02.23	DHC/Dasu/WAPDA/GEN/you/23-188	Strike of Rental Vehicle (Vigo Vagay) Drivers.	
41.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-189	Revised Security Arrangement for Travelling of DHC Expatriates	
42.	07.02.23	DHC/Dasu/WAPDA/GEN/zic/23-190	Submission of Utilization Record of Coarse and Fine Aggregates till November 2022	
43.	07.02.23	DHC/Dasu/WAPDA/GEN/pm/23-191	Strike of Drivers of Rental Vehicle (Vigo and Vag hay)	
44.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-192	Security Arrangement for Travelling of DHC Expatriates (Mr. Mendez,Fukuwatari& Juan Carlos)	
45.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-193	Security Arrangement for Travelling of DHC Expatriates as Special Case (Mr. Mendez,Fukuwatari& Juan Carlos)	
46.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-194	Security Arrangement for Travelling of DHC Expatriates (Mr. Ali murat and Birol)	
47.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-195	Revised Security Arrangement for Travelling of DHC Expatriates (Birol & Mehmet Ali)	
48.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-196	Security Arrangement for Travelling of CGICOP Expatriates	
49.	07.02.23	DHC/Dasu/WAPDA/GEN/you/23-197	Police clearance certificate of DHC Pakistani Staff	
50.	08.02.23	DHC/Dasu/WAPDA/GEN/you/23-198	Sharing of Police Clearance Certificate Data TL-01	

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Sr. No	Date	Letter No.	Subject	Remarks
51.	08.02.23	DHC/Dasu/WAPDA/GEN/you/23-199	Security Arrangement for Travelling of CCECC Expatriates	
52.	08.02.23	DHC/Dasu/WAPDA/GEN/you/23-200	Security Arrangement for Travelling of CGGC Expatriates	
53.	09.02.23	DHC/Dasu/WAPDA/GEN/you/23-201	Security Arrangement for Travelling of CGGC Expatriates	
54.	09.02.23	DHC/Dasu/WAPDA/GEN/you/23-202	Security Arrangement for Travelling of CGGC Expatriates	
55.	10.02.23	DHC/Dasu/WAPDA/GEN/you/23-203	Security Arrangement for Travelling of CGGC Expatriates	
56.	11.02.23	DHC/Dasu/WAPDA/GEN/you/23-204	Revised Security Arrangement for Travelling of DHC Expatriates (Mr. Birol and Naka)	
57.	11.02.23	DHC/Dasu/WAPDA/GEN/you/23-205	Security Arrangement for Travelling of CCECC Expatriates	
58.	11.02.23	DHC/Dasu/WAPDA/GEN/you/23-206	Security Arrangement for Travelling of DHC Expatriates (Mr. Birol)	
59.	11.02.23	DHC/Dasu/WAPDA/GEN/you/23-207	Security Arrangement for Travelling of CCECC Expatriates Revised	
60.	12.02.23	DHC/Dasu/WAPDA/GEN/you/23-208	Security Arrangement for Travelling of CGGC Expatriates	
61.	12.02.23	DHC/Dasu/WAPDA/GEN/you/23-209	Security Arrangement for Travelling of CCECC Expatriates	
62.	12.02.23	DHC/Dasu/WAPDA/GEN/you/23-210	Security Arrangement for Travelling of CGGC Expatriates	
63.	13.02.23	DHC/Dasu/WAPDA/GEN/you/23-211	Security Arrangement for Travelling of DHC Expatriates (Mr. Otake)	
64.	13.02.23	DHC/Dasu/WAPDA/GEN/you/23-212	Security Arrangement for Travelling of PCCC Expatriates	
65.	14.02.23	DHC/Dasu/WAPDA/GEN/you/23-213	Security Arrangement for Travelling of CGGC Expatriates	
66.	14.02.23	DHC/Dasu/WAPDA/GEN/you/23-214	Sharing of Present Employee List Along with Police Clearance Certificate Data of All Pakistani Staff Working under DHPP	
67.	14.02.23	DHC/Dasu/WAPDA/GEN/tm/23-215	MPR No.102 for the Month of January 2023 Under Assignment-B	
68.	15.02.23	DHC/Dasu/WAPDA/GEN/you/23-216	Security Arrangement for Travelling of CGGC Expatriates	
69.	15.02.23	DHC/Dasu/WAPDA/GEN/you/23-217	Security Arrangements for Travelling of DHC Expatriates (Mr.Hiroshi Ogawa)	
70.	15.02.23	DHC/Dasu/WAPDA/GEN/you/23-218	Security Arrangements for Travelling of DHC Expatriates as a Special Case (Mr.Fidencio Mendez)	
71.	14.02.23	DHC/Dasu/WAPDA/GEN/OHS/23-219	Request for Approval of ISO-45001 Lead Auditor Training	
72.	16.02.23	DHC/Dasu/WAPDA/GEN/you/23-220	Security Arrangement for Travelling of CCECC Expatriate	
73.	16.02.23	DHC/Dasu/WAPDA/GEN/you/23-221	Security Arrangements for Travelling of CCECC Expatriates	
74.	16.02.23	DHC/Dasu/WAPDA/GEN/you/23-222	Security Arrangement for Travelling of PCCC Expatriates	
75.	16.02.23	DHC/Dasu/WAPDA/GEN/you/23-223	Security Arrangement for Travelling of CGGC Expatriates	
76.	17.02.23	DHC/Dasu/WAPDA/GEN/sad/23-224	Application	
77.	17.02.23	DHC/Dasu/WAPDA/GEN/you/23-225	Security Arrangements for Travelling of DHC Expatriates (Mr.Erkan Bozkurt)	
78.	18.02.23	DHC/Dasu/WAPDA/GEN/you/23-226	Security Arrangement for Travelling of CGGC Expatriate	
79.	19.02.23	DHC/Dasu/WAPDA/GEN/you/23-227	Security Arrangement for Travelling of PCCC Expatriates	
80.	19.02.23	DHC/Dasu/WAPDA/GEN/you/23-228	Security Arrangement for Travelling of CGGC Expatriates	
81.	19.02.23	DHC/Dasu/WAPDA/GEN/you/23-229	Security Arrangement for Travelling of CCECC Expatriates	
82.	20.02.23	DHC/Dasu/WAPDA/GEN/nk/23-230	Request for Approval of Mr.Hakan Buyukcoban for Position of K37 Resident Engineer (Road Construction KKH-01 & RAR-01)	
83.	20.02.23	DHC/Dasu/WAPDA/GEN/you/23-231	Security Arrangement for Travelling of DHC Expatriates (Mr.Birol Murat Erdolu & Mr.Deepak Kunwar & Mr.Shoma Yoshida)	
84.	20.02.23	DHC/Dasu/WAPDA/GEN/you/23-232	Sharing of Present Employee List Along with Police Clearance Certificate Data of All Pakistani Staff Working Under DHPP	
85.	20.02.23	DHC/Dasu/WAPDA/GEN/you/23-233	Police Clearance Certificate of DHC Pakistani Staff	
86.	22.02.23	DHC/Dasu/WAPDA/GEN/you/23-234	Security Arrangement for Travelling of CGGC Expatriates	
87.	22.02.23	DHC/Dasu/WAPDA/GEN/you/23-235	Security Arrangement for Travelling of DHC Expatriate as a Special Case	
88.	22.02.23	DHC/Dasu/WAPDA/GEN/you/23-236	Security Arrangements for Travelling of CCECC Expatriates	
89.	22.02.23	DHC/Dasu/WAPDA/GEN/you/23-237	Security Arrangement for Travelling of CGICOP Expatriates	
90.	23.02.23	DHC/Dasu/WAPDA/GEN/amr/23-238	Submission of Assessment Report on Relocation of Public Schools Affected Due to DHPP	
91.	23.02.23	DHC/Dasu/WAPDA/GEN/you/23-239	Security Arrangement for Travelling of CGGC Expatriates	
92.	23.02.23	DHC/Dasu/WAPDA/GEN/you/23-240	Security Arrangement for Travelling of CCECC Expatriates	
93.	23.02.23	DHC/Dasu/WAPDA/GEN/you/23-241	Annual Confidential Report (ACR) in Respect of Mr.Zaheer Ullah Junior Geologist	
94.	24.02.23	DHC/Dasu/WAPDA/GEN/tm/23-242	Request for Approval of Mr.Michiya NAGURA as Traffic Expert	
95.	25.02.23	DHC/Dasu/WAPDA/GEN/pm/23-243	Delegation of Powers as Engineer Project Manager	
96.	25.02.23	DHC/Dasu/WAPDA/GEN/you/23-244	Security Arrangement for Travelling of CGGC Expatriates as a Special Case	
97.	25.02.23	DHC/Dasu/WAPDA/GEN/bth/23-245	Construction of Box Culvert Causeway at Uchar Nullah	
98.	25.02.23	DHC/Dasu/WAPDA/GEN/you/23-246	Security Arrangements for Travelling of DHC Expatriates as a Special Case	
99.	25.02.23	DHC/Dasu/WAPDA/GEN/zic/23-247	32nd Environmental Progress Report for the Period from Oct to December 2022	
100.	26.02.23	DHC/Dasu/WAPDA/GEN/you/23-248	Security Arrangement for Travelling of CGGC Expatriates	
101.	26.02.23	DHC/Dasu/WAPDA/GEN/you/23-249	Security Arrangement for Travelling of CCECC Expatriates	
102.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-250	Revised Security Arrangement for Travelling of CCECC Expatriates	
103.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-251	Security Arrangement for Travelling of CGICOP Expatriates	
104.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-252	Security Arrangement for Travelling of PCCC Expatriates	
105.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-253	Security Arrangement for Travelling of DHC Expatriate (Mr.Cem Aker)	
106.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-254	Security Arrangement for Travelling of DHC Expatriate (Mr.Shuji Nakata)	
107.	27.02.23	DHC/Dasu/WAPDA/GEN/you/23-255	Security Arrangement for Travelling of CGGC Expatriate	
108.	27.02.23	DHC/Dasu/WAPDA/GEN/sad/23-256	Request for Review of GIS Report	
109.	27.02.23	DHC/Dasu/WAPDA/GEN/nhs/23-257	Approval of 21 Affected Households Missing in Original Household List	
110.	28.02.23	DHC/Dasu/WAPDA/GEN/myb/23-258	Security Arrangements for Travelling of DHC Expatriate (Mr.Neil Steven White)	
1.2. Dasu-RAR-01				
Dasu office				
111.	03.02.23	DHC/Dasu/WAPDA/RAR-01/cad/23-014	Interim Payment Certificates No. 34A and 34B	
112.	06.02.23	DHC/Dasu/WAPDA/RAR-01/cad/23-015	Adjustment of Khyber Pakhtunkhwa Sales Tax (Kpst) from Contract Price	

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Sr. No	Date	Letter No.	Subject	Remarks
113.	07.02.23	DHC/Dasu/WAPDA/RAR-01/nak/23-017	Clearance of House and Grave from ROW of Komila Bypass at K0+412 & K0+462	
114.	09.02.23	DHC/Dasu/WAPDA/RAR-01cad/23-018	Interim Payment Certificate No# 35	
115.	11.02.23	DHC/Dasu/WAPDA/RAR-01cad/23-019	Interim Payment Certificates No. 34A and 34B	
116.	28.02.23	DHC/Dasu/WAPDA/RAR-01cad/23-026	Change in Contractors Bank Account for Local Currency	
1.3. Dasu-RAR-02				
Dasu office				
117.	11.02.23	DHC/Dasu/WAPDA/RAR-02/ cad/23-020	Interim Payment Certificate # 3	
118.	10.02.23	DHC/Dasu/WAPDA/RAR-02/ cad/23-021	Engineer's Recommendation for Termination of the Contract	
119.	22.02.23	DHC/Dasu/WAPDA/RAR-02/ cad/23-028	Recommended Termination of Contract	
1.4. Dasu-KKH-01				
Dasu office				
120.	02.02.23	DHC/Dasu/WAPDA/KKH-01/you/23-029	Security Personnel Demand for New Chinese Camps	
121.	02.02.23	DHC/Dasu/WAPDA/KKH-01/cad/23-037	Contractor's Cost Claim Pertaining To Extension Of Guarantees And Insurance Policies	
122.	02.02.23	DHC/Dasu/WAPDA/KKH-01/ohs/23-038	Request for Issuance of NOC for the Renewal of Explosive License No. KPK.SP885E	
123.	09.02.23	DHC/Dasu/WAPDA/KKH-01/Bth/23-040	Request for Internet Facility for CCECC Main Camp Chuchang	
124.	20.02.23	DHC/Dasu/WAPDA/KKH-01/OHS/23-053	Request for Recommendation Letter to Chief Inspector of Explosives for the Renewal of Explosive License	
125.	22.02.23	DHC/Dasu/WAPDA/KKH-01/RDS/23-061	Assessment for Eliminating Causeway Along the KKH-01 and KKH-02	
126.	24.02.23	DHC/Dasu/WAPDA/KKH-01/you/23-063	Visa Invitation Letter	
127.	26.02.23	DHC/Dasu/WAPDA/KKH-01/you/23-069	Required Security Personnel for New Chinese Camps at Dasu HPP	
128.	26.02.23	DHC/Dasu/WAPDA/KKH-01/cad/23-070	Change in Contractors Bank Account for Local Currency	
1.5. Dasu-KKH-02				
Dasu office				
129.	14.02.23	DHC/Dasu/WAPDA/KKH-02/Okk/23-026	Minutes of Meeting Held on 18 January 2023	
130.	14.02.23	DHC/Dasu/WAPDA/KKH-02/hog/23-029	Mom of the Geological Survey at KKH-02 Tunnels	
131.	15.02.23	DHC/Dasu/WAPDA/KKH-02/hog/23-030	Drill location and Quantities of KKH-02 Tunnels and Potential landslide	
132.	22.02.23	DHC/Dasu/WAPDA/KKH-02/cad/23-038	Proposal for the Works Known as KKH-02	
133.	26.02.23	DHC/Dasu/WAPDA/KKH-02/cad/23-041	Contractors Submission of Commercial Proposal for Construction of Tunnel and Bridges	
1.6. Dasu-TL-01				
Dasu office				
134.	27.02.23	DHC/Dasu/WAPDA/TL-01/cad/23-021	Extension of Advance Payment Guarantee	
1.7. Dasu-MW-01				
Dasu Office				
135.	01.02.23	DHC/Dasu/WAPDA/MW-01/zua/23-089	Approval for the Repair Method of RAR-01 Near Kass Camp	
136.	02.02.23	DHC/Dasu/WAPDA/MW-01/cad/23-092	Payment of Hire Charges for Air Transport Services	
137.	02.02.23	DHC/Dasu/WAPDA/MW-01/you/23-094	Response Letter to Mr.Hafizullah S-O Fatiur Rehman Application	
138.	04.02.23	DHC/Dasu/WAPDA/MW-01/JF/23-098	Technical Note for IPOE regarding Procedure & Time Schedule of River Diversion after Catastrophic Debris Flows in 2022	
139.	04.02.23	DHC/Dasu/WAPDA/MW-01/JF/23-099	Minutes of Meeting Held on 31 January 2023 on Contractor's Claim For Prolongation Cost	
140.	07.02.23	DHC/Dasu/WAPDA/MW-01/cad/23-103	Crushing and Batching Plant Claim	
141.	14.02.23	DHC/Dasu/WAPDA/MW-01/cad/23-112	MW-01-Draft Minutes of Meeting held on 31 January 2023 on Contractors Claim for Prolongation Cost	
142.	13.02.23	DHC/Dasu/WAPDA/MW-01/cad/23-114	Engineers Reply to Project Offices Comments on Prolongation Claim	
143.	18.02.23	DHC/Dasu/WAPDA/MW-01/shj/23-123	Interim Payment Certificate No # 34- For Nov-2022	
144.	18.02.23	DHC/Dasu/WAPDA/MW-01/shj/23-124	Justification for Issuance of Interim Payment Certificate No # 34	
145.	18.02.23	DHC/Dasu/WAPDA/MW-01/shj/23-127	Claim No.1-Engineers Principle Response to Head Office Overheads	
146.	21.02.23	DHC/Dasu/WAPDA/MW-01/cad/23-139	Draft Minutes of Meeting Held on 31 January 2023 on Contractors Claim for Prolongation Cost	
147.	24.02.23	DHC/Dasu/WAPDA/MW-01/jf/23-156	Restoration of Uchar Bridge	
148.	27.02.23	DHC/Dasu/WAPDA/MW-01/shj/23-160	Interim Payment Certificate No # 35- for the Month of Dec-2022	
149.	27.02.23	DHC/Dasu/WAPDA/MW-01/shj/23-161	Justification for Issuance of Interim Payment Certificate No # 35 (Dec-2022)	
150.	25.02.23	DHC/Dasu/WAPDA/MW-01/zua/23-163	Request for Removal of Locals Cable in 2# Crushing Plant Area	
1.8 Dasu-MW-02				
Dasu Office				
151.	17.02.23	DHC/Dasu/WAPDA/MW-02/shj/23-046	Interim Payment Certificate NO # 34- For Nov 2022	
152.	17.02.23	DHC/Dasu/WAPDA/MW-02/shj/23-047	Justification for Issuance of Interim Payment Certificate No # 34	
153.	22.02.23	DHC/Dasu/WAPDA/MW-02/you/23-052	Visa Invitation Letter	
154.	22.02.23	DHC/Dasu/WAPDA/MW-02/cad/23-056	Claim No1-Engineers Principle Response to Head Office Overheads	
155.	25.02.23	DHC/Dasu/WAPDA/MW-02/you/23-058	Security Administrative Issue Related to CGGC	
156.	27.02.23	DHC/Dasu/WAPDA/MW-02/shj/23-060	Interim Payment Certificate No # 35 - for Dec-2022	
157.	27.02.23	DHC/Dasu/WAPDA/MW-02/shj/23-061	Justification for Issuance of Interim Payment Certificate No # 35	
1.9 Dasu LBRV-11				
Dasu Office				
158.	28.02.23	DHC/Dasu/WAPDA/LBRV-11/PLS/23-009	Submission of Final Extension of Time	
1.12 Dasu-PCI-01R				
Dasu office				
159.	02.02.23	DHC/Dasu/WAPDA/PCI-01/infra/23-030	Construction of Watch Towers and Security Measures in Choochang Colony	
160.	15.02.23	DHC/Dasu/WAPDA/PCI-01/infra/23-044	Pacement of Razor Wire on Top of Boundary Wall	
161.	14.02.23	DHC/Dasu/WAPDA/PCI-01/infra/23-046	Security Wall at Backside of Residence Category-2D and Chain Link Fence Along at Right Side of Primary Road	
162.	18.02.23	DHC/Dasu/WAPDA/PCI-01/PLS/23-048	Revised Contract Programme for 2nd Extension of Time (EOT-2)	
163.	21.02.23	DHC/Dasu/WAPDA/PCI-01/infra/23-052	Replacing Asphalt Road With PCC Road for Project Colony	
164.	25.02.23	DHC/Dasu/WAPDA/PCI-01/infra/23-057	VO-17-Replacing Asphalt Surface with Concrete Pavement for Secondary Roads of Project Colony	

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Sr. No	Date	Letter No.	Subject	Remarks
1.13 Dasu PCI-02				
Dasu office				
165.	07.02.23	DHC/Dasu/WAPDA/PCI-02/cad/23-003	Pre-Qualification Application for the PCI-02	
166.	07.02.23	DHC/Dasu/WAPDA/PCI-02/cad/23-004	PCI-02-Bill A (General Items)	
167.	15.02.23	DHC/Dasu/WAPDA/PCI-02/cad/23-005	Evaluation Report on Pre-Qualification of Applicants	
168.	23.02.23	DHC/Dasu/WAPDA/PCI-02/cad/23-006	Revised Draft Bidding Document	
169.	26.02.23	DHC/Dasu/WAPDA/PCI-02/cad/23-007	Evaluation Report on Pre-Qualification of Applications	
1.14 Dasu EM-01				
Dasu Office				
170.	02.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-029	Interim Payment Certificate (I PC) No. 03	
171.	03.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-032	EM-01-Interim Payment Certificate (IPC) No.02	
172.	04.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-033	EM-01-Deduction of Taxes from Contractors Invoices	
173.	07.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-038	EM-01-Delay in Payment of Interim Payment Certificate (IPC) No. 02 and Contractor's Notice of Right to Suspend	
174.	13.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-040	EM-01-Interim Payment Certificate (IPC) No.04	
175.	16.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-043	EM-01-Request for Income and Sales Taxes Exemption Certificate for the 2nd Shipment	
176.	22.02.23	DHC/Dasu/WAPDA/EM-01/ CAD/23-051	Slaes Tax Exemption Certificate- Custom Clearance of 1st Shipment	
1.14 Dasu RV				
Dasu Office				
177.	10.02.23	DHC/Dasu/WAPDA/RV/ CAD/23-013	Appointment of Adjudicator - Draft Adjudicator Agreement	
178.	28.02.23	DHC/Dasu/WAPDA/RV/ infra/23-018	External Water Supply Pipeline from Choochang Nullah to Main Water Tank	
1.16 Dasu-LADP				
Dasu Office				
179.	05.02.23	DHC/Dasu/WAPDA/LADP/mfn/23-002	Provision of LADP Working Data-Record in Soft form	
180.	21.02.23	DHC/Dasu/WAPDA/LADP/njm/23-003	Design Data of Jamia Masjid Madni	
181.	25.02.23	DHC/Dasu/WAPDA/LADP/mfn/23-004	Consultancy Services for Detailed Design and Construction Supervision Implementation of Local Area Development Program	
1.18 Dasu-RB-14				
182.	08.02.23	DHC/Dasu/WAPDA/RB-14/ mfn/23-001	Project Manager's Assessment Reports on Contractor's Prolongation and Idling Cost Claims	
2. To Contractors				
2.1 RAR-01				
Dasu Office				
1.	01.02.23	DHC/Dasu/CCECC/RAR-01/PM/23-012	Delegation of Duty and Authority by the Engineer	
2.	01.02.23	DHC/Dasu/CCECC/RAR-01/nak/23-013	Physical Progress of Works at Komila Bypass	
3.	06.02.23	DHC/Dasu/CCECC/RAR-01/nak/23-016	Occurrence of Land Sliding at Komila Bypass- Contractor's Intent to Claim	
4.	06.02.23	DHC/Dasu/CCECC/RAR-01/zic/23-020	Walk Through Environmental Inspection -Joint Site Inspection of WAPDA and DHC	
5.	17.02.23	DHC/Dasu/CCECC/RAR-01/bak/23-021	Registration of All Workers with EOBI	
6.	20.02.23	DHC/Dasu/CCECC/RAR-01/nak/23-022	Slow Progress of Works and Limited Activities at Komila Bypass	
7.	20.02.23	DHC/Dasu/CCECC/RAR-01/nak/23-023	Slow Progress at Komila Bypass and Outstanding Works for RAR-01- K0 to K12	
8.	25.02.23	DHC/Dasu/CCECC/RAR-01/OHS/23-024	OHS NCR Closure	
9.	25.02.23	DHC/Dasu/CCECC/RAR-01/cad/23-025	Contractors Request for the Payment of Cost Claims Against Extension of Insurance & Guarantees Determined by the Engineer	
2.2 RAR-02				
Dasu office				
10.	01.02.23	DHC/Dasu/CGGC/RAR-02/ OKK/23-018	Cable River Crossing System at Km 20+590	
11.	06.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-019	Anomalies in the Contractor's Submission of the Interim Payment Application No.3 (IPA No.3)	
12.	11.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-022	Extension of the Contractor's Plant and Machinery (CCPM) Insurance Policy	
13.	10.02.23	DHC/Dasu/CGGC/RAR-02/ zic/23-023	Comments on the Monthly Environmental Report of December 2022	
14.	14.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-024	Impact of Oil Shortages	
15.	14.02.23	DHC/Dasu/CGGC/RAR-02/ OKK/23-025	Construction of Security Post at the Entry Point of Kandia for Chinese Security	
16.	20.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-026	Translation for Claim on Account of Delayed Commissioning Extension of Bank Guarantees	
17.	21.02.23	DHC/Dasu/CGGC/RAR-02/ zic/23-027	Hiring of Environmental Specialist	
18.	28.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-029	Claim for Blast Incident- Reminder to Submit Additional Particulars	
19.	28.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-030	Extension of Advance Payment Guarantees	
20.	28.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-031	Extension of the Contractors Plant and Machinery (CPM) Insurance Policy	
21.	28.02.23	DHC/Dasu/CGGC/RAR-02/ cad/23-032	Notice of Claim- Adjustment for Changes in Legislation Due to Change in Rate of Sales Tax from 17% to 18%	
2.3 KKH-01				
Dasu Office				
22.	01.02.23	DHC/Dasu/CCECC/KKH-01/PM/23-028	Delegation of Duty and Authority by the Engineer	
23.	02.02.23	DHC/Dasu/CCECC/KKH-01/zic/23-030	Re-Submission of Construction Environmental Action Plan (CEAP) and Monthly EHS Monitoring Report NO.84	
24.	02.02.23	DHC/Dasu/CCECC/KKH-01/nak/23-031	Arrangement of Discharge Data of Spring Discovered at Logro A (K9) Tunnel	
25.	02.02.23	DHC/Dasu/CCECC/KKH-01/infra/23-032	Varied Works of External Water Supply for Choochang Resettlement Village	
26.	02.02.23	DHC/Dasu/CCECC/KKH-01/infra/23-033	Varied Works of Safety Railing and Chain Link Fence for Resettlement Village Sites	
27.	03.02.23	DHC/Dasu/CCECC/KKH-01/nak/23-034	KKH-01-Regular Submission of Weekly Progress Reports	
28.	06.02.23	DHC/Dasu/CCECC/KKH-01/cad/23-035	Observations on Contractor's Submission of Quantities and Cost for Backfilling of Uchar Camp	

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Sr. No	Date	Letter No.	Subject	Remarks
29.	06.02.23	DHC/Dasu/CCECC/KKH-01/hh/23-036	Approval of BEIJING ORIENTAL YUHONG WATERPROOF TECHNOLOGY CO. LTD as a Source of Tunnel Material	
30.	06.02.23	DHC/Dasu/CCECC/KKH-01/ohs/23-039	Withholding Payment due to Unaddressed OHS NCR #07	
31.	09.02.23	DHC/Dasu/CCECC/KKH-01/bth/23-041	Dasu-02 & Logro-A Tunnels Secondary Lining Work and Allied Activities	
32.	12.02.23	DHC/Dasu/CCECC/KKH-01/zic/23-042	Re-Submission of Construction Environmental Action Plan (CEAP)	
33.	13.02.23	DHC/Dasu/CCECC/KKH-01/bth/23-043	Minutes of Meeting Improvement of Khooshe Access Road VO-008	
34.	14.02.23	DHC/Dasu/CCECC/KKH-01/nkhq/23-044	Engineers Comments on the Detailed Design of Uchar Bridge Barseen Bridge and Dogah Bridge	
35.	14.02.23	DHC/Dasu/CCECC/KKH-01/bth/23-045	The Contractors Night Shift Activities	
36.	14.02.23	DHC/Dasu/CCECC/KKH-01/PLS/23-046	Submission of Revised Baseline	
37.	14.02.23	DHC/Dasu/CCECC/KKH-01/nak/23-047	VO-008-Slow Progress at Khushe Access Road (Reminder # 03)	
38.	17.02.23	DHC/Dasu/CCECC/KKH-01/cad/23-048	Contractors Notice of Claim Due to Rainfall and Snow	
39.	17.02.23	DHC/Dasu/CCECC/KKH-01/OHS/23-049	Urgent Attention- OHS Non-Compliances at K9 and K4 Sites	
40.	17.02.23	DHC/Dasu/CCECC/KKH-01/mih/23-050	Urgent Attention- OHS Non-Compliances at K9 and K4 Sites	
41.	18.02.23	DHC/Dasu/CCECC/KKH-01/mih/23-051	Provision of Project Daily Record (DPRs)	
42.	20.02.23	DHC/Dasu/CCECC/KKH-01/nak/23-052	Control Blasting for Third Bench at Zero Section K1+800-K2+000	
43.	20.02.23	DHC/Dasu/CCECC/KKH-01/bth/23-054	Submission of the Catch Up Programme for Dasdu-02 (K4) and Logro A (K9) Tunnels	
44.	20.02.23	DHC/Dasu/CCECC/KKH-01/hh/23-055	Approval of Laboratory Equipment Calibration Company Precision Engineering Services & Consultancy (Pvt.)LTD	
45.	20.02.23	DHC/Dasu/CCECC/KKH-01/nk/23-056	Approval of Laboratory Equipment Manufacturer & Supplier Kadeer Brother Limited (KBL)	
46.	21.02.23	DHC/Dasu/CCECC/KKH-01/zic/23-057	Review of Monthly EHS Monitoring Report No.84 for the Month of December 2022	
47.	21.02.23	DHC/Dasu/CCECC/KKH-01/zic/23-058	Review of Monthly EHS Monitoring Report No.85 for the Month of January 2023	
48.	21.02.23	DHC/Dasu/CCECC/KKH-01/nak/23-059	Application from Local of Chuchang Dasu	
49.	22.02.23	DHC/Dasu/CCECC/KKH-01/mih/23-060	Work at Uchar Bridge (Dasu Direction) Without Approval	
50.	22.02.23	DHC/Dasu/CCECC/KKH-01/zic/23-062	Submission of Proper Design for the Construction of Sedimentation Tank at Chuchag Batching Plant	
51.	24.02.23	DHC/Dasu/CCECC/KKH-01nk/23-064	Approval of Reinforcement Steel Bars Manufactured by PAK Steel	
52.	24.02.23	DHC/Dasu/CCECC/KKH-01OHS/23-065	Submission of Vehicle and Equipment Maintenance Registers	
53.	25.02.23	DHC/Dasu/CCECC/KKH-01bth/23-066	Slow Protection Works for Piers of K12 Uchar Bridge	
54.	25.02.23	DHC/Dasu/CCECC/KKH-01bth/23-067	Site Observation at K9 Invert Arch at K9+191.5-K9+198.00	
55.	25.02.23	DHC/Dasu/CCECC/KKH-01cad/23-068	Contractors Request for the Payment of Cost Claims Against Extension of Insurance & Guarantees Determined by the Contractors	
56.	27.02.23	DHC/Dasu/CCECC/KKH-01bth/23-071	Incomplete works at Logro -B (K11) Tunnel Exit Portal	
57.	27.02.23	DHC/Dasu/CCECC/KKH-01/nk/23-072	Approval of Rock Bolt Nut and Steel Plate Manufactured by PAK Steel	
58.	28.02.23	DHC/Dasu/CCECC/KKH-01/nk/23-073	Approval of Rock Bolt and Steel Welded Wire Mesh Manufactured by Fazal Steel and K & S Enterprise	
2.4 Dasu-KKH-02				
Dasu Office				
59.	01.02.23	DHC/Dasu/CGGC/KKH-02/ HOG/23-020	Instruction to Commence the Geological Mapping About the Bridges	
60.	04.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-021	KKH-02-Absence of Competent Contract Manager	
61.	04.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-022	KKH-02-Reminder No.3 for Submission of VO-002 Proposal	
62.	07.02.23	DHC/Dasu/CGGC/KKH-02/ OKK/23-023	Damages to SCO Assets During Construction of Relocated KKH.	
63.	09.02.23	DHC/Dasu/CGGC/KKH-02/ cad/23-024	Notice of Claim For Disruption of Works by Landowner	
64.	14.02.23	DHC/Dasu/CGGC/KKH-02/ cad/23-025	Impact of Oil Shortages	
65.	14.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-027	Geometric and Geological Information to be Considered in the Preliminary Design of Tunnel for Variation Order -002	
66.	14.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-028	Additional Temporary Facilities Access Roads & Construction Schedule Required for KKH-02-VO-002	
67.	16.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-0031	Reminder No.4 for Submission of VO-002 Proposal	
68.	16.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-032	-Absence of Competent Contract Manager	
69.	16.02.23	DHC/Dasu/CGGC/KKH-02/ cad/23-033	Translation for Claim on Account of Delayed Commissioning-Extension of Bank Guarantees	
70.	18.02.23	DHC/Dasu/CGGC/KKH-02/ okk/23-034	Revised Construction Drawings of KKH-02	
71.	21.02.23	DHC/Dasu/CGGC/KKH-02/ okk/23-035	Request for Provision of Additional Information for Variation Order (VO-002) for Construction of Tunnels and Bridges	
72.	21.02.23	DHC/Dasu/CGGC/KKH-02/ DPM/23-036	Engineers Instruction for the Execution of Variation KKH-02-VO-001	
73.	21.02.23	DHC/Dasu/CGGC/KKH-02/ zic/23-037	Hiring of Environmental Specialist	
74.	22.02.23	DHC/Dasu/CGGC/KKH-02/ zic/23-039	Submission of Fuel Storage License	
75.	26.02.23	DHC/Dasu/CGGC/KKH-02/ cad/23-040	Contractors Submission of Commercial Proposal for Construction of Tunnels and Bridges	
76.	25.02.23	DHC/Dasu/CGGC/KKH-02/ okk/23-042	Resumption of Work at K34 & K36	
77.	26.02.23	DHC/Dasu/CGGC/KKH-02/ ohs/23-043	Conditional Approval of Deputy Safety Officer	
78.	28.02.23	DHC/Dasu/CGGC/KKH-02/ ohs/23-044	Resumption of Work at K34 & K36	
79.	28.02.23	DHC/Dasu/CGGC/KKH-02/ cad/23-045	-Notice of Claim- Adjustment for Changes in Legislation Due to Change in Rate of Sales Tax from 17% to 18%	
2.5 Dasu TL-01				
Dasu Office				
80.	05.02.23	DHC/Dasu/PCCC/TL-01/ mrz/23-014	Absence of Contractor's Deputy Project Manager	
81.	06.02.23	DHC/Dasu/PCCC/TL-01/ zic/23-015	Re-Submission of Monthly HSE Report No. 74 for the Month of December, 2022	
82.	07.02.23	DHC/Dasu/PCCC/TL-01/ mrz/23-016	Delegation of Authority	
83.	09.02.23	DHC/Dasu/PCCC/TL-01/ mrz/23-017	Pending Procurement	
84.	23.02.23	DHC/Dasu/PCCC/TL-01/ zic/23-018	TL-01-Review of Monthly HSE Report No.75 for the Month of January 2023	
85.	15.02.23	DHC/Dasu/PCCC/TL-01/ OHS/23-019	Warning to the Contractor Senior Line Management for not Adhering to OHS Related Non-Compliances	

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Sr. No	Date	Letter No.	Subject	Remarks
86.	18.02.23	DHC/Dasu/PCCC/TL-01/ zic/23-020	Re-Submission of Monthly HSE Report No.75 for the Month of January 2023	
2.6 Dasu MW-01				
Dasu Office				
87.	01.02.23	DHC/Dasu/CGGC/MW-01/ Jf/23-090	Retaining Wall Drawing Along The River Side of Kass Spoil Bank	
88.	01.02.23	DHC/Dasu/CGGC/MW-01/ Jf/23-091	Excavation of Right Bank Diversion Channel in Diversion Tunnel Outlet Area	
89.	02.02.23	DHC/Dasu/CGGC/MW-01/ infra/23-093	Varied Works of External Water Supply for Choochang Resettlement Village	
90.	02.02.23	DHC/Dasu/CGGC/MW-01/ infra/23-095	Varied Works of Safety Railing and Chain Link Fence for Resettlement Village Sites	
91.	03.02.23	DHC/Dasu/CGGC/MW-01/ PM/23-096	Recovery Plan to Catch Up Progress of Cut-off Wall of Starter Dam	
92.	03.02.23	DHC/Dasu/CGGC/MW-01/ Zua/23-097	Land Possession of RCC Crushing Plant	
93.	05.02.23	DHC/Dasu/CGGC/MW-01/ jf/23-100	Installation of River Level Gauge at Inlet of Diversion Tunnel	
94.	06.02.23	DHC/Dasu/CGGC/MW-01/ jf/23-101	Mobilization of Additional Parties and Equipment for Cutoff Wall Works	
95.	07.02.23	DHC/Dasu/CGGC/MW-01/PM/23-102	Recovery Plan to Catch up Progress of Cut-off Wall of Starter Dam	
96.	07.02.23	DHC/Dasu/CGGC/MW-01/hh/23-104	Approval of A40 MPa Concrete Mix Design (30-50 mm)	
97.	11.02.23	DHC/Dasu/CGGC/MW-01/cad/23-105	Extension of Insurance Policies	
98.	12.02.23	DHC/Dasu/CGGC/MW-01/zic/23-106	Engagement of Third Party Environmental Monitoring Laboratory	
99.	13.02.23	DHC/Dasu/CGGC/MW-01/jf/23-107	MW-01-Design Discharge of Protection Against Overtopping of River Closure	
100.	13.02.23	DHC/Dasu/CGGC/MW-01/nk/23-108	Rcc Mix Design Parameters	
101.	13.02.23	DHC/Dasu/CGGC/MW-01/OHS/23-109	Concerns Regarding late Notification of Incidents	
102.	14.02.23	DHC/Dasu/CGGC/MW-01/cad/23-110	Impact of Oil Shortages	
103.	14.02.23	DHC/Dasu/CGGC/MW-01/pls/23-111	Recovery Plan to Catch up Progress of Cut-off Wall of Starter Dam	
104.	14.02.23	DHC/Dasu/CGGC/MW-01/jf/23-113	Design Velocity of Protection Against Overtopping of River Closure	
105.	14.02.23	DHC/Dasu/CGGC/MW-01/cad/23-115	MW-01-Meeting on Contractors Claim for Prolongation and Disruption Costs	
106.	13.02.23	DHC/Dasu/CGGC/MW-01/Ao/23-116	MW-01-Commencement of Construction Works for Batching Plant No 2 # in Siglo Area	
107.	14.02.23	DHC/Dasu/CGGC/MW-01/you/23-117	MW-01-Restriction of Un-Authorized Entry in Camps	
108.	14.02.23	DHC/Dasu/CGGC/MW-01/hur/23-118	Minutes of Weekly Meeting 07 February 2023	
109.	14.02.23	DHC/Dasu/CGGC/MW-01/pls/23-119	Recovery Plan to Catch Up Progress of Cut-Off Wall of Starter Dam	
110.	15.02.23	DHC/Dasu/CGGC/MW-01/dn/23-120	Drawing Issue for Construction- Diversion Tunnel Inlet	
111.	15.02.23	DHC/Dasu/CGGC/MW-01/zic/23-121	Air Dispersion Modeling Report for Stone Crushing Plant at Seo Dasu Performed by Haigler & Biley on Behalf of CGGC	
112.	17.02.23	DHC/Dasu/CGGC/MW-01/AO/23-122	Investigation of Kaigah Quarry	
113.	18.02.23	DHC/Dasu/CGGC/MW-01/PLS/23-125	Recovery Plan to Catch Up Progress of Cut-Off Wall of Starter Dam	
114.	16.02.23	DHC/Dasu/CGGC/MW-01/AO/23-126	Inadequate Support Right Bank Bypass Tunnel Upstream and Downstream MW-01	
115.	18.02.23	DHC/Dasu/CGGC/MW-01/zic/23-128	Environmental Non-Compliances Observation at Site	
116.	19.02.23	DHC/Dasu/CGGC/MW-01/zic/23-129	Inadequate Sedimentation Tank at Thoki Crusher Plant	
117.	20.02.23	DHC/Dasu/CGGC/MW-01/zic/23-130	Engineer Comments on the Air and Noise Dispersion Modelling Reports of Seo Crusher Plant	
118.	20.02.23	DHC/Dasu/CGGC/MW-01/zic/23-131	Cut-Off Wall Catch Up Plan	
119.	20.02.23	DHC/Dasu/CGGC/MW-01/cad/23-132	Assistance and Support on Custom Clearance	
120.	20.02.23	DHC/Dasu/CGGC/MW-01/OHS/23-133	Warning on the PPE Non-Compliance at MW-01 Contract	
121.	20.02.23	DHC/Dasu/CGGC/MW-01/OHS/23-134	Warning to Line Mangers for OHS Complacency that Leading to Increasing Number of Incidents at Main Works Project Sites	
122.	21.02.23	DHC/Dasu/CGGC/MW-01/CAD/23-135	Security at the Construction Sites	
123.	21.02.23	DHC/Dasu/CGGC/MW-01/zua/23-136	Minutes of Weekly Progress Review Meeting Held on 24th January 2023	
124.	21.02.23	DHC/Dasu/CGGC/MW-01/zua/23-137	Minutes of Weekly Progress Review Meeting Held on 31st January 2023	
125.	21.02.23	DHC/Dasu/CGGC/MW-01/pls/23-138	Progress of Cut-Off Wall Works of Starter Dam	
126.	21.02.23	DHC/Dasu/CGGC/MW-01/nk/23-140	Approval of the Grout Mix Designs (PG10) with Fauji LAC Cement	
127.	21.02.23	DHC/Dasu/CGGC/MW-01/zic/23-141	Hiring of Environmental Officer	
128.	22.02.23	DHC/Dasu/CGGC/MW-01/cad/23-142	Supporting Document for Contractors Firing Incident Claim	
129.	22.02.23	DHC/Dasu/CGGC/MW-01/jf/23-143	Design Discharge of River Closure Protection Against Overtopping	
130.	22.02.23	DHC/Dasu/CGGC/MW-01/AO/23-144	Environmental Inspector for Thoki Uchar Crushing Plant 1#	
131.	22.02.23	DHC/Dasu/CGGC/MW-01/zua/23-145	Administration of Security Staff at Hattian - Kamra Camp	
132.	22.02.23	DHC/Dasu/CGGC/MW-01/HUR/23-146	Road Hindrance to Right Bank Siglo Area	
133.	22.02.23	DHC/Dasu/CGGC/MW-01/HUR/23-147	Adjustment of Uchar Station Cable Trench	
134.	22.02.23	DHC/Dasu/CGGC/MW-01/HUR/23-148	Drawing of Uchar Power Station Generator Room D2	
135.	22.02.23	DHC/Dasu/CGGC/MW-01/zic/23-149	Plantation at Thoki Crusher Plant	
136.	24.02.23	DHC/Dasu/CGGC/MW-01/cad/23-150	Type Error in Prolongation Costs Claim	
137.	24.02.23	DHC/Dasu/CGGC/MW-01/cad/23-151	Supporting Documents for Contractors Landslide Incident Claim	
138.	24.02.23	DHC/Dasu/CGGC/MW-01/nk/23-152	Nonconformities Excessive Fine Material Contents in the Aggregates at the CR9 Concrete Batching Plant	
139.	24.02.23	DHC/Dasu/CGGC/MW-01/jf/23-153	Backfill at the Entrance of Adit Tunnel 1	
140.	24.02.23	DHC/Dasu/CGGC/MW-01/dn/23-154	Reply to Drawings for 2nd Concrete Stage and Embedded Parts of Dogging Device of Diversion Tunnel Gates	
141.	24.02.23	DHC/Dasu/CGGC/MW-01/jf/23-155	Minutes of Meeting on 9th February 2023	
142.	24.02.23	DHC/Dasu/CGGC/MW-01/AO/23-157	Request for Submission of LBTDT Plan for Remaining Works	
143.	24.02.23	DHC/Dasu/CGGC/MW-01/OHS/23-158	OHS Requirements for Tunneling Works at LBTT Outlet	
144.	24.02.23	DHC/Dasu/CGGC/MW-01/Zic/23-159	Provision of Specification of Seo Crush Plant to Hagler Bailey for Updating of Air Dispersal Modelling Report	
145.	25.02.23	DHC/Dasu/CGGC/MW-01/OHS/23-162	Submission of Vehicle and Equipment Maintenance Registers	
146.	26.02.23	DHC/Dasu/CGGC/MW-01/hur/23-164	Safety Hazards During Construction Activities	
147.	28.02.23	DHC/Dasu/CGGC/MW-01/mrz/23-165	Slow Progress of Diesel Power Plant	
148.	28.02.23	DHC/Dasu/CGGC/MW-01/cad/23-166	Claim for Blast Incident - Reminder to Submit Additional Particulars	

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Sr. No	Date	Letter No.	Subject	Remarks
149.	28.02.23	DHC/Dasu/CGGC/MW-01/JF/23-167	Request for Proposal for the Varied Works on Measures for Debris Flow (First Stage)	
150.	28.02.23	DHC/Dasu/CGGC/MW-01/dn/23-168	Drawing Issue for Construction- Diversion Tunnel Inlet Upper Part	
151.	28.02.23	DHC/Dasu/CGGC/MW-01/PLS/23-169	Disbursement Schedule	
152.	28.02.23	DHC/Dasu/CGGC/MW-01/you/23-170	Complanit by Special Communication Unit (SCO)	
153.	28.02.23	DHC/Dasu/CGGC/MW-01/cad/23-171	Notice of Claim- Adjustment for Changes in Legislation Due to Change in Rate of Sales Tax from 17 % to 18%	
2.7 Dasu MW-02				
Dasu Office				
154.	06.02.23	DHC/Dasu/CGGC/MW-02/ Ohs/23-037	Withholding Payment Due to Unaddressed OHS NCR #44 & 47	
155.	06.02.23	DHC/Dasu/CGGC/MW-02/ Ohs/23-038	Concerns Regarding Incident Control on Worksite	
156.	01.02.23	DHC/Dasu/CGGC/MW-02/ TNK/23-039	Acceptance of Report for the Plate Load Test	
157.	11.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-040	Extension of Insurance Policies due to the Extension of Time.	
158.	11.02.23	DHC/Dasu/CGGC/MW-02/ ys/23-041	Daywork Order Instruction Clearing the Debris Material from Existing KKH Upstream of CR-9 Main Gate	
159.	12.02.23	DHC/Dasu/CGGC/MW-02/ zic/23-042	Review of Environmental Officer's CV	
160.	11.02.23	DHC/Dasu/CGGC/MW-02/ zic/23-043	MW-02-Comments on the Monthly Environmental Report for December 2022	
161.	14.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-044	Impact of Oil Shortages	
162.	14.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-045	Meeting on Contractors Claim for Prolongation and Disruption Costs	
163.	18.02.23	DHC/Dasu/CGGC/MW-02/ dk/23-048	Issue of Construction Drawing	
164.	20.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-049	Assistance and Support on Custom Clearance	
165.	21.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-050	Security at the Construction Sites	
166.	21.02.23	DHC/Dasu/CGGC/MW-02/ nk/23-051	Approval of the Grout Mix Designs (PG10) with Fauji LAC Cement	
167.	21.02.23	DHC/Dasu/CGGC/MW-02/ zic/23-052	Review of Environmental Officer	
168.	22.02.23	DHC/Dasu/CGGC/MW-02/ ys/23-053	Request of Recovery Schedule for Major Excavation Works	
169.	22.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-054	Supporting Documents for Contractors Firing Incident Claim	
170.	25.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-057	Minutes of Weekly Progress Review Meeting Held on 14 February 2023	
171.	26.02.23	DHC/Dasu/CGGC/MW-02/ ys/23-059	Minutes of Weekly Progress Review Meeting held on 31 January 2023	
172.	25.02.23	DHC/Dasu/CGGC/MW-02/ ohs/23-062	Submission of Vehicle and Equipment Maintenance Registers	
173.	27.02.23	DHC/Dasu/CGGC/MW-02/ ohs/23-063	OHS NCR Closure	
174.	27.02.23	DHC/Dasu/CGGC/MW-02/ ohs/23-064	OHS NCR Closure	
175.	28.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-065	Claim for Blast Incident - Reminder to Submit Additional Particulars	
176.	28.02.23	DHC/Dasu/CGGC/MW-02/ ys/23-066	Design and Drawing of Transforming Dump Truck into Mobile Construction Platform	
177.	28.02.23	DHC/Dasu/CGGC/MW-02/ PLS/23-067	Disbursement Schedule	
178.	28.02.23	DHC/Dasu/CGGC/MW-02/ cad/23-068	Notice of Claim- Adjustment for Changes in Legislation Due to Change in Rate of Sales Tax from 17 % to 18%	
2.8 Dasu-LBRV-11				
Dasu Office				
179.	07.02.23	DHC/Dasu/ZEGL/LBRV-11/PLS/23-006	Submission of Final Extension of Time (EOT)	
180.	07.02.23	DHC/Dasu/ZEGL/LBRV-11&12/infra/23-007	Inspection of Contractor's Resources	
181.	07.02.23	DHC/Dasu/ZEGL/LBRV-11&12/infra/23-008	Presence of Contractors Representative and Resources	
2.9 Dasu LBRV-12				
Dasu office				
182.	07.02.23	DHC/Dasu/ZEGL/LBRV-12/PLS/23-004	Submission of Final Extension of Time (EOT)	
2.11 Dasu-PCI-01R				
Dasu Office				
183.	03.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-031	Reply to Notice for Delay in Issuance of Boundary wall Construction Drawings Near Residence Category-3A-Buildings	
184.	04.02.23	DHC/Dasu/CGICOP/PCI-01/cad/23-032	Progress and Resource Required For Remaining Works	
185.	06.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-033	Poor Storage of Reinforcement Bars at Site	
186.	06.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-034	Clarification of Fiber Glass Shade over the doors at first floor of the Residence CATEGORY-1 & 2	
187.	06.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-035	Replacement of Uchar-1 Water Supply Intake Design	
188.	06.02.23	DHC/Dasu/WAPDA/PCI-01/ohs/23-036	Withholding Payment Due to Unaddressed OHS NCR #16 & 17	
189.	08.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-037	Approval of Method Statement for Rectification of Irregular Top Surface Levels of P-1 Road	
190.	08.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-038	Uninformed and Unjustified Suspension of Water Supply Works from the Indus River to Project Colony	
191.	08.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-039	Irregular Edge Lines of P-1 Road	
192.	11.02.23	DHC/Dasu/CGICOP/PCI-01/cad/23-040	Extension of Performance Security	
193.	11.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-041	Water Leakage at Project Office and Residency Category-1	
194.	11.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-042	PCI-01R-Action Required on Slope Protection and Uchar Water Supply Works as per Contractors Commitments	
195.	11.02.23	DHC/Dasu/CGICOP/PCI-01/zic/23-043	PCI-01R-Review of Monthly EHS Report for the Month of January 2023	
196.	13.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-045	VO-016-Supply and Installation of MS Spiral Staircase in Residence Category-02	
197.	18.02.23	DHC/Dasu/CGICOP/PCI-01/zic/23-047	Re-Submission of Monthly EHS Report of the Month of January 2023	
198.	19.02.23	DHC/Dasu/CGICOP/PCI-01/mrz/23-049	Submission of Data Sheet of Security & Road LED Light	
199.	20.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-050	Clarification of the M.S Privacy Fence Railing at First Floor Backside Open Terrace of the Residence Category-1	
200.	20.2.23	DHC/Dasu/CGICOP/PCI-01/infra/23-051	Slow Progress and Shortage of Resources to Complete	
201.	22.2.23	DHC/Dasu/CGICOP/PCI-01/infra/23-053	EOBI Registration of All Workers	
202.	22.2.23	DHC/Dasu/CGICOP/PCI-01/mrz/23-054	Slow Progress of External Electrification	
203.	23.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-055	Reply to Notice of Taking Over of Project Office Building and Residence Category-1 Buildings	
204.	23.02.23	DHC/Dasu/CGICOP/PCI-01/infra/23-056	Approval of Sealant Material for Rigid Pavement	

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Sr. No	Date	Letter No.	Subject	Remarks
205.	27.02.23	DHC/Dasu/CGICOP/PCI-01infra/23-058	Progress Review Minutes of Meeting Held dated 21st February 2023	
2.12 Dasu RV				
Dasu Office				
206.	05.02.23	DHC/Dasu/KGL/Infra/23-011	Tentative Quantities of Remaining Works at Resettlement Villages	
207.	08.02.23	DHC/Dasu/KGL/Infra/23-012	Delay In Construction of Access Road to the Choochang Site-4 (Upper Kuz)	
208.	11.02.23	DHC/Dasu/KGL/cad/23-014	Request for Extension of Performance security Guarantee no. 3AKBL 115PB 190305	
209.	11.02.23	DHC/Dasu/KGL/infra/23-015	Tentative Quantities of Remaining Works at Resettlement Villages	
210.	17.02.23	DHC/Dasu/KGL/infra/23-016	Tentative Quantities of Remaining Works at Resettlement Village	
211.	22.02.23	DHC/Dasu/KGL/infra/23-017	EOBI Registration of All Workers	
2.13 EM-01				
Dasu Office				
212.	01.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-028	Interim Payment Certificate IPC NO.02	
213.	02.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-030	Request for Financial Instrument (FI) Number of Second Batch of Delivery	
214.	03.02.23	DHC/Dasu/GEPC/EM-01/ ys/23-031	Security System Plan for Site Camp, Kass	
215.	03.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-034	EM-01-Generator Sequence Diagram	
216.	04.02.23	DHC/Dasu/GEPC/EM-01/ YS/23-035	Structural Drawings of Building 3.1, 3.4 and 4.3 in EM-01 Camp, Kass	
217.	06.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-036	Additional Costs Impact due to EOT for Completion (Interim, as of 31st December 2022)	
218.	07.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-037	Notice to Provisional Sum	
219.	11.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-039	EM-01-Delay in Payment of Interim Payment Certificate (IPC) No.02 and Contractors Notice of Right to Suspend	
220.	14.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-041	Response on Principle of Claim No.EM-01-C-05	
221.	14.02.23	DHC/Dasu/GEPC/EM-01/ CAD/23-042	Follow up Response on the Deduction of Taxes from the Contractors Invoices	
222.	17.02.23	DHC/Dasu/GEPC/EM-01/ zic/23-044	Walk Through Environmental Inspection of EM-01- Joint Site Inspection of WAPDA and DHC	
223.	16.02.23	DHC/Dasu/GEPC/EM-01/ pls/23-045	Response Regarding Updated Program of Performance VI.10	
224.	17.02.23	DHC/Dasu/GEPC/EM-01/ OHS/23-046	Request for Incorporate Comments in OHSMP and Resubmit	
225.	19.02.23	DHC/Dasu/GEPC/EM-01/ cad/23-047	Additional Payment for December 2022- Temporary Storage Cost at Ghazi Barotha	
226.	19.02.23	DHC/Dasu/GEPC/EM-01/ cad/23-048	Additional Payment for December 2022- Delay in Generation of Financial Instrument (FI) Number	
227.	20.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-049	Dasu Generator General Grounding	
228.	21.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-050	Turbine Auxiliary Cubicle and Marshalling Box	
229.	21.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-052	Dasu Detailed Design Drawing of Turbine Piping	
230.	22.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-053	Dasu Turbine Discharge Calculation	
231.	25.02.23	DHC/Dasu/GEPC/EM-01/ cad/23-054	Sales Tax Exemption Certificate - Custom Clearance of 1st Shipment	
232.	26.02.23	DHC/Dasu/GEPC/EM-01/ sn/23-055	Dasu LCB Panel of No 1-6-7-8-9-10-11 and 12	
233.	28.02.23	DHC/Dasu/GEPC/EM-01/ PLS/23-056	Disbursement Schedule	

APPENDIX F

Detail of Interim Payment Certificates

Appendix F: Details of Interim Payment Certificates

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	28-Feb-19
4	09-Jun-19	4	04-Jul-19	76,716,800	732,093.22	04-Aug-19
5	25-Jul-19	5	18-Aug-19	145,629,996	1,363,149.96	19-Sep-19
6	26-Sep-19	6	23-Oct-19	248,905,635	2,214,513.54	21-Nov-19
7	10-Dec-19	7	06-Jan-20	629,914,484	5,895,127.76	04-Feb-20
8	10-Feb-20	8	27-Feb-20	206,824,646	1,757,372.29	06-Apr-20
9	06-Apr-20	9	04-May-20	365,752,539	3,245,285.91	01-Jun-20
10	13-Jun-20	10	11-Jul-20	382,303,496	2,880,146.95	08-Aug-20
11	05-Aug-20	11	02-Sep-20	252,654,881	2,252,835.97	30-Sep-20
12	16-Sep-20	12	09-Oct-20	458,055,284	3,898,125.46	11-Nov-20
13	12-Nov-20	13	10-Dec-20	521,447,309	4,746,372.92	07-Jan-21
14	16-Dec-20	14	12-Jan-21	109,355,876	1,157,321.96	10-Feb-21
15	18-Jan-21	15	12-Feb-21	158,129,043	1,570,752.84	15-Mar-21
16	23-Feb-21	16	19-Mar-21	336,954,470	2,658,901.26	20-Apr-21
17	16-Apr-21	17	04-May-21	407,082,473	8,331,836.66	11-Jun-21
18	20-May-21	18	14-Jun-21	762,466,613	6,311,057.52	15-Jul-21
19	21-Jun-21	19	14-Jul-21	425,023,542	4,493,780.63	16-Aug-21
20	26-Jul-21	20	19-Aug-21	226,133,481	2,044,283.79	20-Sep-21
21	25-Aug-21	21	20-Sep-21	480,881,765	4,269,721.44	20-Oct-21
22	29-Sep-21	22	25-Oct-21	4,185,117	39,112.22	24-Nov-21
23	21-Nov-21	23	20/12/2021	821,193,512	9,251,540.73	16-Jan-22
24	26-Dec-21	24	07-Feb-22	679,713,623	6,015,133.50	20-Feb-22
25	29-Jan-22	25	28-Feb-22	321,933,884	2,945,172.60	26-Mar-22
26	02-Mar-22	26	28-Mar-22	131,974,383	1,251,829.96	27-Apr-22
27	28-Mar-22	27	24-Apr-22	159,376,817	1,607,294.43	23-May-22
28	16-Apr-22	28	18-May-22	362,635,724	2,112,719.95	11-Jun-22
29	21-Jun-22	29	22-Jul-22	192,432,354	1,429,597.79	16-Aug-22
30	20-Jul-22	30	18-Aug-22	208,902,264	1,700,738.92	14-Sep-22
31	22-Aug-22	31	20-Sep-22	309,574,151	1,793,501.06	17-Oct-22
32	18-Oct-22	32	18-Nov-22	330,721,543	2,483,232.94	13-Dec-22
33	06-Dec-22	33	03-Jan-23	827,977,759	5,014,543.37	31-Jan-23
34	10-Jan-23	34	17-Feb-23	498,342,988	3,957,279.76	07-Mar-23
35	30-Jan-23	35	27-Feb-23	303,694,619	1,612,716.51	27-Mar-23

Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50) **17,121,723,606** **160,406,817**
 Total Amount Certified including LC & FC (Rs.) 33,852,154,649.35
Accepted Contract Amount **115,003,461,240**
Disbursement Progress with respect to ACA **29.44%**

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	28-Feb-19
4	09-Jun-19	4	02-Jul-19	71,107,206	626,942.03	04-Aug-19
5	25-Jul-19	5	18-Aug-19	4,908,345	33,396.51	19-Sep-19
6	02-Oct-19	6	19-Oct-19	77,803,163	676,690.06	27-Nov-19
7	03-Dec-19	7	31-Dec-19	380,055,185	3,487,658.38	28-Jan-20
8	31-Jan-20	8	22-Feb-20	116,606,355	943,411.40	27-Mar-20
9	06-May-20	9	19-May-20	169,704,055	1,210,335.38	01-Jul-20
10	22-Jun-20	10	22-Jul-20	81,144,101	392,991.96	17-Aug-20
11	05-Aug-20	11	02-Sep-20	94,947,361	765,644.82	30-Sep-20
12	16-Sep-20	12	09-Oct-20	155,265,987	1,065,922.39	11-Nov-20
13	12-Nov-20	13	10-Dec-20	76,094,960	641,343.79	07-Jan-21
14	16-Dec-20	14	12-Jan-21	91,489,465	788,644.78	10-Feb-21
15	18-Jan-21	15	12-Feb-21	2,196,767	151,795.03	15-Mar-21
16	23-Feb-21	16	19-Mar-21	95,214,311	336,914.48	20-Apr-21
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

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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

Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50) 6,605,009,500 53,393,137.07

Total Amount Certified including LC & FC (Rs.) 12,173,913,696.40

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

Disbursement Progress with respect to ACA **18.90%**

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
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

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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

Total Amount in LC & FC (1USD = 105.55 PKR) (LC 70: FC 30) 2,150,805,919 6,943,940
Total Amount Certified including LC & FC (Rs.) 2,883,738,753
Accepted Contract Amount **4,900,000,009**
Disbursement Progress with respect to ACA **58.85%**

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	328,588.91	13-Oct-18
9	20-Oct-18	9	07-Nov-18	115,514,185	347,895.98	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

Total Amount in LC & FC (1USD=100.73PKR) (LC74.86:FC25.14) 9,371,511,109 27,487,297
Total Amount Certified including LC & FC (Rs.) 12,140,306,546
Accepted Contract Amount **14,538,852,307**
Disbursement Progress with respect to ACA **83.50%**

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

Total Amount in LC & FC (1USD = 104.445 PKR) (LC 60:FC 40) 2,461,539,409 11,759,280
Total Amount Certified including LC & FC (Rs.) 3,689,737,386.67
Accepted Contract Amount **16,264,917,100**
Disbursement Progress with respect to ACA **22.69%**

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

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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	34A	27-Jan-23	647,515,960	181,613.07	20-Mar-23
35	23-Jan-23	34B	27-Jan-23	18,617,373		20-Mar-23
36	30-Jan-23	35	09-Feb-23	32,451,979	138,072.09	27-Mar-23

Total Amount in LC & FC (1USD=100.73PKR) (LC70:FC30) 2,053,390,301 6,010,356
Total Amount Certified including LC & FC (Rs.) 2,658,813,476
Accepted Contract Amount **2,713,972,595**
Disbursement Progress with respect to ACA **97.97%**

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
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

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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

Total Amount in LC & FC 1,191,682,573 1,307,509
Accepted Contract Amount Rs 1,583,325,237 \$ 2,017,927
Disbursement Progress with respect to ACA 75% 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
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

Total Amount in LC 294,475,394 -
Total Amount Certified (Rs.) 294,475,394.00
Accepted Contract Amount 654,815,181
Disbursement Progress with respect to ACA 44.97%

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

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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

Total Amount in LC & FC (1USD = 104.8462 PKR) (LC 30:FC 70) **300,562,520** **3,012,880**
Total Amount Certified including LC & FC (Rs.) 616,451,539.06
Accepted Contract Amount **1,120,509,415**
Disbursement Progress with respect to ACA **55.02%**

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 Unfication 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 with out 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	the Engineer issued his assessment/determination on 25-04-2022
2	KKH-01/C-5 Force Majeure-Heavy Rainfal 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					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) 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					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) 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					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) 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		-		The principle of the Contractor's claim is disapproved. DHC letter - dated 9-Aug-2017.(Ref:028) Claim Disapproved
6	KKH-01/C-9 Uchar Slope Collapse	On 05/06/2016 the Contractor motified claim for extension of time and additional cost due to Huge Slope Collapse at Uchar.					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) Contractor's substantiation awaited
7	KKH-01/C-10 Stone Slide EOT	On 14/07/2016 the Contractor motified claim for extension of time and additional cost due to Huge Stone Slide at Barseen					The Engineer acknowledged and asked the contractor to submit full and detailed particulars via DHC letter dated 04/08/2016 (Ref:16-100) Contractor's substantiation awaited
8	KKH-01/C-11 Dumping at Barseen EOT	On 02/09/2016 the Contractor motified claim for extension of time and additional cost due to difficulty in Dumping at Barseen Spoil Bank					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) Contractor's substantiation awaited
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. DHC letter - dated 19-09-2016 (Ref:113). Contractor's substantiation awaited.

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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) 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) 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) 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) 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) Contractor's substantiation awaited</i>
20	KKH-01/C-23 Demobilization of Labour belongs to Gilgit	On 28/03/21, the Contractor notified calim due to Demoblization of Labour belongs to Gilgit					<i>DHC letter - dated 1-Apr-2021 (Ref:063) 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 calim due to stoppage of work by dismissed employees and locals.					<i>DHC letter - dated 24-Aug-2021 (Ref:147) Contractor's substantiation awaited</i>
22	KKH-01/C-24A IED Blast Incident	On 2/08/21, the Contractor notified calim due to stoppage of work due to IED Blast Incident					<i>DHC letter - dated 13-Aug-2021 (Ref:144) 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) 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) Contractor's substantiation awaited</i>
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					<i>DHC letter - dated 01-September-2022 (Ref:135) Contractor's substantiation awaited</i>
Details of Claims/Notifications of RAR-01 – Contractor CCECC							
1	RAR-01/C1-C4 Unfication of C-1 and C-4 Disruption and Delay in Site Possession						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 with out establishing cause-effect link.
		On 13/01/19 Contractor submitted Price adjustment claim for period of Sep 2016 to Sep 2018	104,304,865				

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							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
		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. <i>DHC letter - dated 1-Jun-2019 (Ref:161)</i> . 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	<i>the Engineer issued his assessment/determination on 12-04-2022</i>
		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		<i>The Engineer provided his determination on 29th Dec 2022</i>
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)					<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 28-04-2016 (Ref:16-029)</i> Contractor's substantiation awaited
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					The Engineer asked the contractor to submit full and detailed particulars according to 1.9 "Delayed Drawings or Instructions" & 20.1 "Contractor's Claim". <i>DHC letter - dated: 24-05-2016</i> Contractor's substantiation awaited
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					<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 17-10-2016 (Ref:16-080)</i> Contractor's substantiation awaited
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 campaction by local resident					<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 03-08-2017 (Ref:17-017)</i> Contractor's substantiation awaited
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.					The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. <i>DHC letter - dated: 08-03-2019 (Ref:042)</i> Contractor's substantiation awaited
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					The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. <i>DHC letter - dated: 4-9-2019 (Ref:168)</i> Contractor's substantiation awaited
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]					<i>DHC letter - dated 12-Oct-2019 (Ref:202)</i> Contractor's substantiation awaited

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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				DHC letter dated 24-July-2020 (Ref:124) Contractor's substantiation awaited
10	RAR-01/C-13 Claim 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.				DHC letter - dated 29-June-2020 (Ref:104) Contractor's substantiation awaited
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				DHC letter - dated 24-Aug-2021 (Ref:096) Contractor's substantiation awaited
12	RAR-01/C-15A 2021- Change in Legislation - KPK PST	on 17th Dec 2021, Notice of Claim- Increase in KPK provisional Slaes Tax.				DHC letter- dated 27th Dec 2021 (Ref: 137) Claim Registered
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 landslidig as RAR-01/C-15				DHC letter-dated 08-Sep-2021 (Ref:105) Claim Registered
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 aquisition and social issues on Komila bypass				DHC letter-dated 02-June-2022 (Ref:054) Claim Registered
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
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 recieved 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 recieved 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 recieved 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 recieved 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 assesment submitted on 10-Jul-2018 . The Employer agreed with PM Assesment. Contractor replied on 12-11-19 that he did not agrred 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 assesment submitted on 3-Sep-2019 . The Employer agreed with PM Assesment.Contractor replied on 12-11-19 that he did not agrred with PM assessment.

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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/DP/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/DP/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.	443,150,920		355,478,327		Principle of Claim submitted DHC letter DHC/Dasu/PCCC/TL-01/cad/22-087 dated 29th May, 2022. Delay Analysis required by the Contractor Engineer provided assessment report on quantification for agreement of both parties, on 6-1-2023 (23-005)
11	TI-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 issued Principle of claim and assessment. 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 submssion
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 submssion
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					PM replied via DHC/Dasu/PCCC/TL-01/CAD/22-015 dated 24th January 2022 Awaiting for Contractor's detailed submssion
18	TL-01/C-11 Transportation and loading/unloading of Power Transformer	On 6th May 2021, the Contractor submitted a notice of calim 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					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 with out establishing+H91+H89:192+H89:193+H8+H89:1117
		Contractor submitted prolongation claim on 14-06-2022 at cut-off date 14-07-2021	8,115,076,911	77,805,148			The Engineer shared his preliminary report on principle of claim with both parties to have consensus on principles. The Engineer had various consultation meetings with the Employer and Contractor regarding disscussion on evaluation.
		Contractor submitted Head Office claim on 14-06-2022 at cut-off date 14-07-2022	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.					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. 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 princple 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 upto 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 cut off date 31 Dec 2019	54,369,672	521,282			Response submitted via DHC/Dasu/CGGC/MW-01/CAD/22-459 dated 12-09-2022 Additional substantiation is awaited
		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 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 had a consultation meeting on 15-Oct-2022 and Contractor agreed to provide the working as per Engineer's Principles of Claim. Evaluation report sent for agreement of both parties on 8-01-2023 (Ref:23-019)
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
13	Claim for Crusing Plant and Batching Plant	Contractor submitted detail claim on 4-09-2019					The payment made in IPCs on pro-rata basis.
		The Contractor submitted revised claim on 12-04-2022	412,817,975	3,957,986			Engineer on 24-06-2022 sbmitted Principle of Claim

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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				The Engineer's replied dated 28 September, 2017 on principle of claim, and provided detail comments on contemporary records . Principle of claim approved. Contractor's substantiation for Additional cost and EOT awaited. Contractor provides expense record in interim submissions with out establishing cause-effect link.
		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 substatial documents in support of the claim The Engineer is working on Principle of Claim. Target date is 30-Nov-2022
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 acces to PTDC camp area resulting stoppage of work.				Engineer registered the claim as MW-02/C-03 for future correspondenses
		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.
5	MW-02/C-05 Provision of Electricity	The Contractor's intention to claim due to non provision of Electricity - [26/02/2019]				The Contractor is fully responsible for the provision of electricity [Ref: date 18-March-2019] Claim denied.
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			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.
		The Contractor submitted revised claim on 14-06-2022	3,625,362	34,759		The Engineer submitted principle of claim on 5-07-2022. Claim Denied
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]				Engineer replied dated 27-Jul-2019] (Ref:126) Contractor's substantiation awaited.
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	34,965,138	193,215		Principle of claim issued -DHC/Dasu/CGGC/MW-02/cad/21-215 dated 25th Nov 2021

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		submitted Interim Claim No 2 (Feb 2019 to Dec 2019) - dated 23/08/2020.						
		The Contractor submitted revised claim on 14-06-2022 for various charges due to increase in Import taxes, at cut off date 31-Dec-2019	30,284,297	290,358				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 Contractor submitted revised claim on 08-09-2022 for various charges due to increase in Import taxes, from Jan 2020 to Dec 2021						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)
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]						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
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					Engineer's principle of claim sent on 12-01-2021 Claim Denied
		Contractor submitted nos. of interim Direct Cost claim for the Period up to 31 Jan 2021						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.
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 7-06-2022						Claim disapproved via Engineer's correspondence dated 30-Sep-2022
		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						
		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					Engineer approved principle of Claim on 28-09-2020 . Asked the Contractor to substantiate actual additional Cost.
		The Contractor submitted revised claim on 14-06-2022	1,141,280			487,984		The Engineer submitted determination on 02-12-2022 Claim Paid
		Contractor submitted detail claim on 22-03-2021	143,164,727					Engineer Replied on 25-02-2021 (Ref:039) Under Review by the Engineer
		Contractor submitted revised claim on 14-06-2022	17,330,619			166,161		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
		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	1,514,864			14,524		The engineer submitted Principle of claim on 5-07-2022. Claim Denied
		On 24/07/21, Contractor notified claim due 14-July Blast incident	607,523,703			5,824,772		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
		Contractor submitted on [24/07/2020] first Interim disruption Claim for the Period up to Jan 2019	2,105,168					Engineer's principle of claim sent on 14-01-2021. Claim Denied.
		The Contractor submitted revised claim on 14-06-2022	76,250			731		The Engineer respond on 05-07-2022 and disapproved the claim
		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:336) Contractor's substantiation awaited.
		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:372) Contractor's substantiation awaited.

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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%.					DHC letter - dated 25-Feb-2023 (Ref:000) Contractor's substantiation awaited.
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					Replied on 6-Feb-2019 (Ref:033)
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		Received Employer's approval via letter No. GM/PP/DHPP/Contracts/LBRV-11/71/13196-13200 dated 06-10-2022
3	LBRV-11/C-06 Extension of Guarantees	On 31/05/19, Contractor submitted Claims for Additional Costs for extending performance & advance security					Replied on 10-Jun-2019 (Ref:102&108)
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					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
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].					Engineer replied dated 8-April-2020 (Ref:044)
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		The Engineer issued his assessment on 13th December 2021 . The Contractor shared his consent on 16th Dec 2021 .
		2nd Interim Claim. From November 2021 to February 2022	3,502,800		3,444,420		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 .
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		Claim regarding extending the insurances guarantees certified in IPC #12 [13th October 2022] The Engineer issued his assessment to the Employer and to the Contractor on 19-12-2022
8	LBRV-11/C-13 Cosr 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 Cosr 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 ZeroPoint					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

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5	LBRV-12/C-04 Claim due to outbreak of Carona Virus (COVID-19)	On 28/03/20, Contractor notified Force Majeure under Sub-clause 19.2 [Notice of Force Majeure].	Nil	Nil	Nil	Nil	<i>Engineer replied dated 8-April-2020 (Ref:044)</i>
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		<i>Employer accorded approval to pay in IPC 26-6-2022</i> 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		<i>The Engineer assess the cost for extending the project insurances and guarantees .</i> <i>Employer accorded approval to pay in IPC 26-6-2022</i> Claim Paid
					17,234,706.00		<i>The Engineer issued his assessment to the Employer and to the Contractor on 19-12-2022</i>
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.					<i>The principle of claim has been forwarded to the Contractor and to the Employer on 20th Sep 2021</i>
9	LBRV-12/C-08 Cosr 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 loass due to the omision of Works under LBRV-12					<i>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.</i>
10	LBRV-12/C-09 Cosr Claim for the change in legislation (PST)	the Employer served a notice to claim to the Contractor on 13-12-2022					<i>The Engineer registered the claim on 11-01-2023.</i>
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					<i>Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract.</i> <i>The Engineer's letter dated 22-Jun-2019 (Ref:061)</i> <i>Notice of Claim has been acknowledged.</i> 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				<i>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)</i> <i>The Engineer replied on 27-Sep-2019 (147)</i> <i>The Contractor's submission only signifies the provision of cost records for expenses.</i> <i>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.</i> <i>The Engineer's letter dated 26-Aug-2019 (Ref:110)</i> <i>The Engineer replied on 27-Sep-2019 (147)</i> <i>The Contractor's submission only signifies the provision of cost records for expenses.</i> Waiting for the Contractor to submit record to substantiatehis 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</i> <i>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 Coronavirsu 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)

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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.					Notice of claim has been acknowledged via Engineer dated 29-June-2020 waiting for the Contractor's submission
9	PCI-01/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.					Engineer acknowledge the receipt of notice on 23-Feb-2021 (Ref: 079) and requested the Contractor to submit detailed particulars to substantiate his claim. Waiting for the Contractor's submission
10	Contractor's cost claim for newnewal insurance policies	Contractor's cost claim for newnewal insurance policies for the extended period of time	10,304,710				The Engineer provided his response via letter No. DHC/Dasu/CGICOP/PCI-01R/CAD/22-248 dated 28-Sep-2022
11	PCI-01R/C-08 KKH Road Blockage						
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					The Engineer registered the claim on 11-01-2023.
Total Additional Cost			311,185,940	-	-	-	
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					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
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					The Engineer's letter dated 22-Jan-2020
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 withdraw his claim and re-submitted it on 29th March 2022 .
6	RV/C-06 Hindrance at Site and Non Issuance od 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 ananalysis is not submitted by the Contracttherefore cannot be assess until the submission of required documents
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.

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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.					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 Ref: (041)
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. Detailed response provided on 6-02-23 Ref: (036) 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.					The Contractor's Submission is awaited
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.					The Contractor's Submission is awaited
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					DHC letter - dated 06-June-2022 (Ref:059) Contractor's substantiation awaited.
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-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.

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	Superceeded 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	Signed VO Issued on 25-3-2020
3	VO-003: Slope Stabilization at certain areas of Barseen, Kaigh 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	Signed 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	Signed VO Issued on 14-05-2022
6	VO-006: Construction of Safety Barriers around Schools	5,034,513	-	5,034,513	Signed VO Issued on 23-05-2022
7	VO-007: Mitigation Measures for Traffic Safety of Existing KKH	12,586,461	-	12,586,461	Signed VO Issued on 22-05-2022
8	VO-008: Improvement of khooshe Access Road	32,072,330		32,072,330	Signed VO Issued on 08-10-2022
9	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	Final Variation Order is ready, however, Contractor has not signed yet. Work has been completed. Provisional Interim payment was made.
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	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

<u>Status of Issued Change Orders for TL-01</u>					
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.

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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 Preperation. 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 Preperation (The Contractor sent the proposal on 2-01-2023)
9	VO-07 : Permanent Access Road LU2 and CR5-2 Roads	595,000,000	-	-	Under Preperation (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

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.

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

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5	VO-005: Providing and installation of 20mm x 20mm metal lath of 18 Guage 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 Instalation 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)	Singned and issued on 19 July 2022
12	VO-012:Supply and Instalation of Expansion Joint Filler and Backing Rod in Project Office, Community Centre, Hostel Cat-3 and Hospital Buildings	6,066,900		6,066,900	Singned 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	Singned 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	Singned 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
	VO-017: Replacing asphalt suraface 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
Total				28,217,168.78	

Status of Issued Variations for EM-01

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)	

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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

CONTRACTS AWARDED

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	IPC Total Certified Amount	% 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	33,852,154,649	29.44%	1204	195		21-Nov-26	Work Inprogress
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	12,173,913,696	18.90%	1213			18-Jun-26	Work Inprogress
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	480,570,192						Work Inprogress
Preparatory 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	12,140,306,546	83.50%	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	2,658,813,476	97.97%	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	1,191,682,573	75.26%	488	427	514	17-May-20	Work Inprogress. Tentative revised date 1-11-2022 EOT underprocess.
									US\$ 2,017,927			1,307,509	64.79%					
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	2,883,738,753	58.85%	895			29-Oct-23	Work Inprogress EOT underprocess.
6	DASU-RV	05-Aug-15	02-Sep-15	17-Nov-15	15-Dec-15	15-Dec-15	546	13-Jun-17	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	15-Dec-20	PKR 654,815,181	6,203,839	6,203,839	294,475,394	44.97%				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	3,689,737,387	22.69%					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	616,451,539	55.02%	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 Carggo (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
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	31-Mar-2023			28-Feb-2023	N/A
5	DASU-TL-01	PKR 166,340,724.00 USD 338,582.75	5-Apr-2023	PKR 178,862.944.00	20-Feb-2024	29-Sep-2024			8-Apr-2023	29-Sep-2024
6	DASU-KKH-02	PKR2,146,910,052.00 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-2023	PKR 625,340,719.00	30-Sep-2024	17-Aug-2023	17-Feb-2023	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
10	DASU-RBRV-11	PKR 54,937,530.00 USD 182,814.00	24-Feb-2023	PKR 27,468,765.00 USD 91,407.00	24-Aug-2022	Terminated				
11	Dasu-PCI-01R	PKR 726,119,002.00 USD 2,405,316.00	1-Apr-2023	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-2023	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

December 2022

	26 Th.	27 Fri.	28 Sat.	29 Sun.	30 Mon.	31 Tue.
Diversion Tunnel A INLET	<p>Top slab Left and Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs Fixing of formwork and reinforcement 19:30-5:30Hrs Top slab Left and Right Wall Fixing of formwork and reinforcement 7:30Hrs-17:30Hrs Welding work 7:30Hrs-17:30Hrs No work 19:30-5:30Hrs Middle pier Fixing of reinforcement 7:30Hrs-17:30Hrs Coffer dyke between DTA & DTB Support work and cleaning of surface 7:30Hrs-17:30Hrs Cleaning and chipping 19:30-5:30Hrs</p>	<p>Top slab Left and Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs Fixing of formwork and reinforcement 19:30-5:30Hrs Left and Right Wall El:771-774 Formwork fixing, tie bar welding and oiling 7:30-17:30Hrs Scaffolding for access 8:30-17:00Hrs Fixing of concrete pipes Left wall 7:00-17:00Hrs No work 19:30-5:30Hrs Middle pier Fixing of reinforcement 7:30-17:30Hrs Scaffolding for gate slot 7:30-17:30Hrs Coffer dyke between DTA & DTB Support work and cleaning of surface 7:30-17:30Hrs Arrangements for pouring 20:30-3:00Hrs Pouring of concrete 3:30-7:00Hrs Cont.... Transition part Shifting of Steel 7:00-16:30Hrs Part -1 & 4 Shifting Scaffolding ,Formwork and Steel and fixing 7:30-17:30Hrs Part 4 Left and Right Wall Fixing of steel and scaffolding 7:30-17:30Hrs Fixing of steel and scaffolding 19:30-5:30Hrs</p>	<p>Top slab Left and Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs No work 19:30-5:30Hrs Left and Right Wall El:771-774 Formwork fixing, 7:30-17:30Hrs Left wall Fixing of concrete pipes for pouring of concrete 7:00-17:30Hrs No work 19:30-5:30Hrs Middle pier Fixing of reinforcement 7:30-17:30Hrs Scaffolding for gate slot area 7:30-17:30Hrs No work 19:30-5:30Hrs Coffer dyke between DTA & DTB Pouring of concrete 7:00-10:30Hrs Total poured Qty=190m3 Fixing of formwork 11:30-17:30Hrs Transition part Shifting of Steel 7:00-17:30Hrs Transition part Right and Left side Steel fixing, welding works and Fixing of form work 19:30-5:30Hrs Part -1 & 4 Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs No work 19:30-5:30Hrs Part 4 Left and Right Wall Fixing of steel and scaffolding 7:30-17:30Hrs Fixing of steel and scaffolding 19:30-5:30Hrs</p>	<p>Top slab Left and Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs No work due to lack of resources 19:30-5:30Hrs Middle pier Scaffolding for gate slot area 7:30-17:30Hrs Scaffolding for gate slot area 19:30-5:30Hrs Coffer dyke between DTA & DTB Fixing of formwork and arrangement for pouring concrete 11:30-5:30Hrs Transition part Shifting of Steel and fixing 7:00-17:30Hrs Transition part Right and Left side Steel fixing, welding works and Fixing of form work 19:30-5:30Hrs INVERT Right side K0+357-0+365 No work due to lack of resources 07:00Hrs7:00Hrs</p>	<p>Top slab Left Side K0+002.3-K0-033 8th lift Arrangement for pouring concrete 7:30-16:00Hrs Pouring of concrete 16:20-19:00Hrs (Day QTY 56m3) Pouring of concrete 19:00-7:00Hrs (Qty 256m3) continue... Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs No work due to lack of resources 19:30-5:30Hrs Middle pier Scaffolding for gate slot area 7:30-17:30Hrs Scaffolding for gate slot area 19:30-5:30Hrs Coffer dyke between DTA & DTB Fixing of formwork and welding works 7:30-5:30Hrs Transition part Shifting of Steel and fixing 7:00-17:30Hrs Shifting of Steel and fixing 19:30-5:30Hrs Transition part Right and Left side Steel fixing, welding works and Fixing of form work 7:30-5:30Hrs Part -1 Shifting Scaffolding ,Formwork and fixing of Steel 7:30-5:30Hrs Part -4 Fixing of Steel and shifting 7:30-5:30Hrs</p>	<p>Top slab Transition part-1 Shifting and fixing of Steel 7:00-17:30Hrs Steel fixing 19:30-5:00Hrs Left and Right Side Fixing of formwork and reinforcement 7:30-17:30Hrs Left side wall lift 8th El:771-774 Pouring of concrete 7:00-13:15 Total Quantity (374m3) Cleaning and chipping 19:30-5:00Hrs Coffer dyke between DTA & DTB Arrangement for pouring concrete 7:30-17:00Hrs No work 19:30-7:00Hrs Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs Fixing of formwork and reinforcements 19:30Hrs-5:30 Part 4 Left and Right Wall Cleaning and washing 7:30-17:30Hrs Part 4 Crown Fixing of steel 7:30-17:30Hrs Steel fixing 19:30Hrs-5:00Hrs</p>
Diversion Tunnel A UNDER GROUND	<p>INVERT Right side K0+357-0+396 No work 8:00Hrs-5:30Hrs</p>	<p>INVERT Right side K0+357-0+396 No work 7:00-7:00Hrs Downstream Right side K1+440-1+420 Excavation and mucking 7:30-17:30Hrs No work 19:30-5:30Hrs</p>	<p>INVERT Right side K0+357-0+365 No work 07:00Hrs7:00Hrs Downstream Right side K1+440-1+420 Excavation and mucking 7:30-17:30Hrs No work 19:30-5:30Hrs Left side K0+765-0+900 Invert concrete surface cleaning 07:30-17:30Hrs No work 19:30-5:30Hrs Slope protection Fixing of formwork 19:30-1:00Hrs</p>	<p>INVERT Right side K0+357-0+365 No work due to lack of resources 07:00Hrs7:00Hrs Downstream Right side K1+444-1+480 Fixing steel for steel arches support 7:30-17:30Hrs No work due to lack of resources 19:30-5:30Hrs Right side K1+170- Excavation with jack hammer 07:30-17:30Hrs No work due to lack of resources 19:30-5:30Hrs Slope protection Fixing of formwork for backfill concrete 7:30-17:00Hrs No work due to lack of resources 19:30-5:30Hrs</p>	<p>INVERT Right side K0+357-0+365 No work due to lack of resources 07:00-7:00Hrs Downstream Right side K1+444-1+480 Fixing of steel arches and welding of steel bars for steel arches support 7:30-17:30Hrs No work due to lack of resources 19:30-5:30Hrs Excavation with jack hammer 7:30-17:00Hrs Cleaning surface for lean concrete 19:30-5:00Hrs</p>	<p>INVERT Right side K0+345-0+357 Surface cleaning for invert bedding concrete 7:30-12:00Hrs No work 19:30Hrs-7:00Hrs Downstream K1+444- Right wall Installation of steel arches 13:00-17:00Hrs Right side K1+280-1+320 Removing of undercuts with jack hammer 7:30-17:30Hrs Mucking 7:30-13:00Hrs No work due to shortage of manpower 23:00-7:30Hrs Left side K0+765-0+900 Invert concrete surface cleaning 7:30-17:30Hrs No work due to shortage of manpower 23:00-7:30Hrs K1+280- Invert rock surface cleaning for lean 19:30-2:30Hrs K1+180-1+220 Excavation and loading 1:00-3:30Hrs Center K1+335-1+340 Drilling for blast 22:30-00:00Hrs Charging for blast (Exp Qty 12kg) 00:10-00:40Hrs Blasting carried out 00:44Hrs Excavation and loading 1:00-2:30Hrs K1+340- Drilling for blast 3:00-5:30Hrs</p>
Diversion Tunnel B INLET	<p>Removing of mud material 8:00Hrs-17:00Hrs No work 19:30-5:30Hrs</p>	<p>Invert concrete surface cleaning 8:30-16:00Hrs Cleaning of sediments and mud from invert concrete surface 08:30-16:00Hrs Removing of scrap from site 7:30-17:30Hrs</p>	<p>Invert concrete surface cleaning 8:00-17:00Hrs Invert concrete surface cleaning 19:30-4:00Hrs K0+52-0+290 Cleaning of sediments and mud</p>	<p>Invert concrete surface cleaning 8:00-5:00Hrs Top Slab Concrete repairing at left wall 21:30-1:00Hrs No work due to lack of resources 1:00-7:00Hrs</p>	<p>Invert concrete surface cleaning 8:00-5:00Hrs Top Slab No work due to lack of resources 7:00-7:00Hrs K0+52-0+290</p>	<p>K0+052-0+290 Cleaning of sediments and mud from invert concrete surface 08:30-17:30Hrs No work 19:30-7:00Hrs Part-1,2,3,4,5</p>

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		Part-3,4 Wall Drilling for weep holes 8:00-17:00Hrs Repairing work at walls 22:30-1:30Hrs No work 1:30-5:30Hrs No work 19:30-5:30Hrs Part-2,3 Concrete crack repairing at crown 7:30Hrs-15:00Hrs Drilling for weep holes Right and Left wall 13:00Hrs-16:00Hrs Repairing work at walls 7:30Hrs-17:30Hrs Part-1,2 Cleaning sludge 20:00-5:30Hrs	from invert concrete surface 08:30-17:30Hrs Part -3,4 Drilling for weep holes 20:00-5:00Hrs Part-1,2,3,4,5 Repairing work at walls 7:30Hrs-17:30Hrs K0+290-K0+350 Cleaning of sediments and mud from invert concrete surface 08:00-17:30Hrs Part-2,3 Right side Repairing work at walls 19:30-5:30Hrs	K0+52-0+290 Cleaning of sediments and mud from invert concrete surface 08:30-17:30Hrs No work due to lack of resources 19:30-5:30 Part -3,4 No work due to lack of resources 7:30-17:30 Drilling for weep holes 20:00-5:00Hrs Part-1,2,3,4,5 Repairing work at walls 7:30Hrs-17:30Hrs No work due to lack of resources 19:30-5:30 K0+290-K0+350 Cleaning of sediments and mud from invert concrete surface 08:00-17:30Hrs No work due to lack of resources 19:30-5:30 Part-2,3 Right side and Left side Drilling for weep holes 3:30-5:30Hrs	Cleaning of sediments and mud from invert concrete surface 08:30-17:30Hrs No work due to lack of resources 19:30-5:30 K0+290-K0+350 Cleaning of sediments and mud from invert concrete surface 08:00-17:30Hrs No work due to lack of resources 19:30-5:30	Repairing work at walls 7:30Hrs-17:30Hrs No Work 19:30-7:00Hrs K0+290-K0+350 Cleaning of sediments and mud from invert concrete surface 08:00-17:30Hrs No Work 19:30-7:00Hrs Part-2,3 Right side Repairing work at walls 19:30-23:00Hrs No work 23:00-7:00Hrs
Diversion Tunnel B UNDER GROUND	Downstream K1+252.5-1+282 Left wall 3rd lift Fixing of formwork and scaffolding 7:30Hrs-17:30Hrs Arrangement for pouring concrete 13:00Hrs-14:00Hrs Pouring of concrete 16:00Hrs-18:00Hrs Total Qty=24m3 K1+252.5-1+282 Left wall 4th lift Fixing of formwork and welding works 19:30-21:30Hrs Pouring of concrete 5:00-7:00Hrs cont.... 16m3 poured K1+252-1+282 Right wall Removing of scaffolding and formwork 7:30Hrs-17:30Hrs K1+250 - Right side Cleaning of surface for lean concrete 7:30Hrs-17:30Hrs K1+235-1+267 Right side Excavation with jackhammer and cleaning of surface 8:00Hrs-17:30Hrs K1+240-1+250 Left side Excavation and mucking 2:00-3:00Hrs K1+252.5-1+27.34 Right side Removing Scaffolding 20:00-23:00Hrs K1+255-1+265 Right side Drilling for additional blast 3:20-3:50Hrs Charging for blast 3:50Hrs-4:00Hrs Blast carried out 4:10Hrs Outside slope protection Right side Pouring of concrete 20:30-21:40Hrs Total Qty=8m3	Downstream K1+214-1+270 Left Side Rock surface cleaning for lean concrete 7:30-17:30Hrs Undercutters removing with jack hammer 8:30-12:00Hrs Invert scaling and mucking 8:00-11:30Hrs K1+250-1+270 Left and Right side Drilling for invert rock dowels 10:00-17:30Hrs Grouting and installation of rock dowels 15:00-17:20Hrs K1+230-1+250 Left wall Cleaning of rock surface for lean 19:30-3:00Hrs Pouring of concrete 4:00-7:00Hrs Cont.... K1+252.5-1+282 Left wall Scaffolding, fixing and welding of steel plates 7:30-17:30Hrs Fixing of formwork 19:30-21:30Hrs Pouring of self-compacted concrete 21:55-4:50Hrs Total poured Qty=52m3 K1+272- Drilling for blast 20:00-21:10Hrs Charging for blast 21:10-22:30Hrs Blast carried out 23:25Hrs	Downstream K1+250-1+270 Left side Cleaning for lean concrete 07:30Hrs-17:30Hrs L/s K1+230-K1+270 Pouring of lean concrete 07:30Hrs-13:22 Hrs Total Quantity 134m3 R/W K1+250-1+270 Drilling for rock dowels 09:00 Hrs- K1+202-1+252 Right side Spraying 2nd layer of shotcrete 21:30-5:30Hrs K1+252.5-1+267 Left side Cleaning of invert for lean 22:00-4:00Hrs K1+252.5-1+282 Left wall Scaffolding, fixing and welding of steel plates for back fill concrete 7:30-17:30Hrs Fixing of formwork and welding works 19:30-5:30Hrs K1+214-1+226 Left side Cleaning of concrete surface for invert 1m 19:30-00:00Hrs Pouring of concrete 1:50-	Downstream K1+238-1+250 Left side Cleaning surface for invert concrete 07:30Hrs-10:30Hrs Pouring of invert bedding concrete 11:00-15:15Hrs Qty (136m3) L/s K1+250-K1+272 Pouring of lean concrete 18:45Hrs-22:32 Hrs (Qty 56m3) K1+252.5-1+282 Left wall Pouring of self-compacted concrete 11:00-12:00Hrs (Qty 4m3) K1+260-1+285 Removing of scaffolding 13:30-17:30Hrs Removing of scaffolding 19:30-3:30Hrs K1+086-1+200 Arrangement for shotcrete 15:30-16:00Hrs Spraying remedial shotcrete 16:10-17:40Hrs K1+226-1+238 Cleaning surface for invert concrete 19:30-2:20Hrs Pouring of invert bedding concrete 3:07-4:50Hrs Qty (122m3) K1+200 No work due to lack of resources 7:30-5:00 Drilling for rock bolt 5:00-5:30Hrs K0+200-K0+250 No work due to lack of resources 7:30-19:30 Arrangement for shotcrete 19:30-22:00Hrs Spraying remedial shotcrete 22:30-1:00Hrs 25m3	Downstream K1+160-1+250 Left side and Right side Arrangement for shotcrete 13:30-14:00Hrs Spraying remedial shotcrete 14:10-19:00Hrs Right wall K1+226-K1+252 Grouting for rock bolts 10:45-19:00Hrs 24 No's Grouted Grouting for rock bolts 21:00-23:00Hrs 20 No's Grouted Spraying shotcrete 2:40-5:30Hrs (24m3) Left wall K1+226-K1+252 Drilling for rock bolts 20:00-23:00Hrs Grouting for rock bolts 23:00Hrs-2:00Hrs 36 No's Grouted Left Side K1+226-K1+238 Cleaning for invert 1m concrete 7:30-19:30Hrs Cleaning for invert 1m concrete 19:30-2:00Hrs Pouring of concrete 3:00-4:50Hrs (Qty 122m3) K1+252.5-1+282 Left wall Removing scaffolding 7:30-5:30Hrs K1+250-1+272 Excavation with jack hammer for lean concrete 20:30-23:00Hrs Cleaning for lean concrete 23:30-2:30Hrs Drilling for anchor bars 3:00-5:00Hrs Grouting for anchor bars 3:00-4:00Hrs	Downstream K1+250-K1+270 Left and Right side Cleaning surface for invert bedding concrete 7:30Hrs-17:30Hrs Fixing form work 12:30-17:30Hrs Arrangement for grouting of anchor bars 7:30-13:00Hrs Grouting and installation of rock dowels 13:00-15:00Hrs Fixing of formwork and cleaning 2m invert concrete 19:30-4:00Hrs Arrangement for 2m invert concrete 23:00-6:00Hrs K1+225-1+252 Left side Spraying 2nd layer of shotcrete 7:30-14:30Hrs K1+226-1+238 Left side Surface finishing 7:30-13:30Hrs
STARTER DAM LEFT BANK	No work	No work	No work	No work	No work	No work
STARTER DAM RIGHT BANK	Cut off wall Drilling for cut off wall 7:30-18:00Hrs Phase-I -Slot-1 (Hole 3) Drilling for cut off wall 7:30-18:00Hrs Phase-II -Slot-2 (Hole 1) -Slot-3 (Hole 2,4) -Slot-4 (Hole 5) -Slot-5 (Hole 2,4) Drilling for cut off wall 19:30-6:00Hrs Phase-I -Slot-1 (Hole 2) Drilling for cut off wall 19:30-6:00Hrs Phase-II -Slot-3 (Hole 2) -Slot-3 (Hole 1,5) -Slot-4 (Hole 1,5) -Slot-5 (Hole 3) -Slot-5 (Hole 1,5)	Cut off wall Drilling for cut off wall 7:30-18:45 Phase-II -Slot-2 (Hole 1) -Slot-3 (Hole 2, 5) -Slot-4 (Hole 5) -Slot-5 (Hole 3, 5) Drilling for cut off wall 7:30-18:45 Phase-I -Slot-1 (Hole 2) Drilling for cut off wall 7:30-18:45 Phase-II -Slot-3 (Hole 5) -Slot-4 (Hole 5) -Slot-5 (Hole 3,5) Drilling for cut off wall 19:30-6:00Hrs Phase-I -Slot-1 (Hole 2)	Cut off wall Drilling for cut off wall 7:30Hrs- Phase-II -Slot-2 (Hole 00) -Slot-3 (Hole 3, 5) -Slot-4 (Hole 5) -Slot-5 (Hole 3, 5) Phase=1 Slot-1 Arrangement for pouring of concrete for phase-1 slot-1 13:00Hrs-15:00 Hrs Pouring of concrete 15:00- Drilling for cut off wall 19:30-5:30Hrs Phase-II -Slot-5 (Hole 3) -Slot-5 (Hole 5) -Slot-4 (Hole 5)	Cut off wall Drilling for cut off wall 7:30Hrs- Phase-II -Slot-2 (Hole 00) -Slot-3 (Hole 3, 5) -Slot-4 (Hole 5) -Slot-5 (Hole 3, 5) Phase=1 Slot-1 Arrangement for pouring of concrete for phase-1 slot-1 13:00Hrs-15:00 Hrs Pouring of concrete 15:00- Drilling for cut off wall 19:30-5:30Hrs Phase-II -Slot-5 (Hole 3) -Slot-5 (Hole 5) -Slot-4 (Hole 5)	Cut off wall Phase-II Drilling for cut off wall 7:00Hrs-7:00	Cut off wall Drilling for cut off wall 8:00-23:00Hrs Phase-II Drilling for cut off wall 23:00Hrs-6:00Hrs Slot -2 (Holes Nos 1,4) Slot -3 (Holes Nos 5) Slot -4 (Holes Nos ,4) Slot -5 (Holes Nos 2,5) Core drilling Slot -3 (Holes Nos 2) Drilling for cut off wall Phase-I Drilling for cut off wall 23:00Hrs-6:00Hrs Slot -4 (Holes Nos 1,5)
ADIT 3-2	K0+107-110	K0+113-	K0+118-	K0+110-	Arrangement for grouting 7:30-13:00Hrs	No work K0+84-

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	<p>Mucking and scaling 8:30Hrs-11:30Hrs No work 11:30Hrs-13:00Hrs Geological mapping (Q Value 1.33) 13:22Hrs-13:40Hrs K0+110- Survey for blast 13:45Hrs-14:15Hrs Drilling for blast 14:20Hrs-16:40Hrs No work 16:40Hrs-17:30Hrs Charging for blast 21:30-23:50Hrs Blast carried out 00:00Hrs Mucking and scaling 00:40-5:30Hrs K0+193- Survey for blast 8:30Hrs-9:00Hrs Drilling for blast 9:10Hrs-12:10Hrs Charging for blast 15:20Hrs-17:00Hrs Blast 17:38Hrs Mucking and scaling 20:00-1:40Hrs Mapping 1:40Hrs-2:10Hrs Q value =1.0 K0+190- Survey for blast 2:10-2:30Hrs Drilling for blast 2:30-5:30Hrs</p>	<p>Geological mapping 8:30-09:00Hrs Survey and demarcation for drilling blast 9:00-09:45Hrs Drilling for blast 10:30-15:00Hrs Charging 15:30-17:10Hrs Blast 17:16Hrs Mucking and scaling 20:30-00:30Hrs Spraying 1st layer of shotcrete 2:40-3:45Hrs No work 3:50Hrs-5:30Hrs K0+190- Charging and blasting 7:30-8:05Hrs Mucking and scaling 8:30-13:30Hrs Geological mapping 13:30-14:00Hrs Installation of thickness pins 14:20-15:00Hrs 1st layer of shotcrete sprayed 7m3 15:10-15:30Hrs K0+187- Survey for blast 22:20-23:00Hrs Drilling for blast 00:00-3:20Hrs Charging for blast 3:30-6:00Hrs Blast carried out 6:10Hrs</p>	<p>Survey and demarcation of drilling for blast 9:00-09:45Hrs Drilling jumbo breakdown 10:00- Excavation and mucking 23:00- K0+187- Mucking and scaling 07:30-13:30Hrs Geological mapping 13:30-14:00Hrs Installation of thickness pins 14:20-15:00Hrs Arrangement for 1st layer shotcrete 15:00Hrs K0+187- Drilling for blast 20:00-00:00Hrs Charging for blast 00:00-2:00Hrs Blast carried out 2:00Hrs Excavation and mucking 2:30Hrs-</p>	<p>Drilling for rock bolts 13:40-17:00Hrs K0+117- Survey for blast 20:30-21:30Hrs Drilling for blast 21:50-22:30Hrs K0+212-0+187 Drilling for rock bolt grouting 9:00-13:00Hrs Arrangement for grouting 13:40-14:30Hrs Grouting for rock bolts 14:30-17:30Hrs 32 No's grouted and 1 hole collapsed Arrangement for grouting 21:00-23:00Hrs Grouting for rock bolts 23:00-3:30Hrs 151 No's grouted and 3 hole collapsed Charging for blast 3:50-6:10Hrs Blast carried out 6:20Hrs</p>	<p>No work due to shortage of resources 13:00-17:30Hrs No work due to shortage of resources 19:30-5:30Hrs K0+183.5- Mucking and scaling 7:30-16:00Hrs Mapping 16:30-17:30Hrs (Q value=1.33) K0+180.5- Survey for blast 21:00-22:00Hrs Drilling for blast 22:30-4:30Hrs Charging for blast 4:30-5:30Hrs Blast 6:30Hrs</p>	<p>No work 7:00-20:00Hrs Arrangements for grouting 20:00-21:30Hrs Grouting and installation of rock bolts 21:30-5:50Hrs 124Pcs installed 2Pcs collapsed K0+180.5- Mucking and scaling 7:30-15:30Hrs Arrangement for 1st layer of shotcrete 19:30-22:00Hrs Sprayed a layer of shotcrete 22:00-22:30Hrs K0+177.5- Survey for blast 15:30-16:10Hrs Drilling for blast 17:00Hrs -17:30Hrs Drilling for blast 19:30-22:00Hrs Charging for blast (Exp qty 225kg) 23:45-00:45Hrs Blast carried out 1:03 Mucking and Scaling 1:20-5:30Hrs</p>
Traffic Diversion Tunnel	<p>Face CH : K0+922.5 K0+919.5-0+922.5 No work 7:30-9:00Hrs (waiting for drillers) Arrangement for drilling 9:00-9:30Hrs Drilling for blast manually 9:30-14:20Hrs Charging for blast 14:20-15:55Hrs (Explosive Qty 250Kg) Blast and ventilation 15:55-16:40Hrs Mucking and scaling 16:40-18:00Hrs Shift change 18:00Hrs-19:30Hrs Mucking and scaling 19:30-00:50Hrs Geological mapping (Q.V 1.46) 00:50-1:15Hrs Installation of thickness pin 1:15-2:00Hrs Arrangement for shotcrete 2:00-2:30Hrs 1st layer shotcrete sprayed 6m3 2:30-3:00Hrs Invert leveling 3:00-4:00Hrs) K0+852-0+900 2nd layer shotcrete sprayed 8m3 4:00-4:45Hrs No work 4:45-5:30Hrs Shift change 5:30-7:30Hrs K1+343- Welding of steel arches 8:30Hrs-10:30Hrs No work 10:30Hrs-17:30Hrs K1+343- Arrangements for shotcrete 19:30-10:30Hrs Spraying 2nd layer of shotcrete 10:30-2:00Hrs K1+340- Drilling for blast 2:00Hrs-5:30Hrs</p>	<p>Face CH : K0+926 K0+922.5 No work 7:00-10:30Hrs (waiting for drillers) Drilling for blast manually 10:30-15:00Hrs Charging 15:00-16:15Hrs Blast and ventilation 16:15-16:50Hrs Mucking 16:50-17:30Hrs Shift change 17:30-19:30Hrs Mucking and scaling 19:30-3:00Hrs Mapping 3:00-3:30Hrs No work 3:30-5:30Hrs (shortage of resources) Shift change 5:30-7:30Hrs K1+338- Welding of steel arches 8:30Hrs-10:30Hrs No work 10:30Hrs-17:30Hrs K1+343- Drilling for anchor bars 19:30-22:00Hrs Grouting for anchors bars 22:30-5:30Hrs</p>	<p>Face CH : K0+924.5 K0+923.5-0+924.5 Arrangement for 1st layer shotcrete 07:30 Hrs-08:40 Hrs first layer shotcrete not allowed due to scaling not properly done and contractor sprayed 1st layer shotcrete without proper scaling and Dhc Engineers rejected sprayed shotcrete 09:50 Hrs-10:30 Hrs K0+924.5- Drilling for blast 19:00-20:30Hrs Charging for blast 20:30-21:35Hrs Blast carried out 21:50Hrs Mucking and scaling 22:00-</p>	<p>Face CH : K0+924.5 K0+923.5-0+924.5 Invert leveling 8:00-10:00Hrs Geological mapping Q value=1.74 10:20-10:50Hrs Installation thickness pin 11:00-11:40Hrs K0+924-0+927 1st layer of shotcrete 11:40-12:30Hrs (6m3) K0+896- Fixing of wire mesh 12:30-16:00Hrs K0+927.7 Survey for blast 20:30-21:30Hrs Drilling for blast 22:00-2:00Hrs Charging for blast 2:10-3:30Hrs Blast and ventilation 3:35-4:20Hrs Mucking 4:30-5:30Hrs</p>	<p>K0+927.5- Mucking and scaling 7:30-12:30Hrs Mapping 13:30-14:00Hrs K0+912-0+927.5 Demarcation for drilling rock bolt 15:00-16:30Hrs Drilling for rock bolt 22:00-3:30Hrs Arrangement for grouting 4:00-5:30Hrs K1+338- No work due to lack of resources 7:30-1:30Hrs Drilling for blast 1:00-5:30Hrs</p>	<p>K0+912-0+927 Repairing grouting machine 7:30-10:30Hrs Grouting for rock bolt 10:30-11:00Hrs 6 Pcs grouted and 1 hole collapsed No work 11:00-17:30Hrs (due to machine break down) Arrangements for grouting 19:30-21:30Hrs Grouting and installation of rock bolts 21:30-00:45Hrs 38 pieces installed 2 pieces are rejected due to collapse No work from 00:45-2:00Hrs (Due to grouting machine out of order) K0+927-0+930 Arrangement for 1st layer shotcrete 2:00-2:50Hrs Sprayed shotcrete(8m3) 3:30-4:00Hrs K0+900-0+852 Sprayed remedial shotcrete 4:00-6:00Hrs K1+338- Drilling for blast 8:15-11:30Hrs No work 11:30Hrs-17:30Hrs (due to lack of resources) Arrangements for shotcrete 19:30-21:30Hrs K1+339-K1+341 Spraying 2nd layer of shotcrete 21:30-00-45Hrs (Qty 24m3) K1+338- Charging for blast 1:30-5:35Hrs Blast carried out 5:38Hrs</p>
Cable crane foundation (Right Bank)	<p>Base Elevation 1019.88 EL: 1057- Excavation 8:00-11:00Hrs</p>	<p>Base Elevation 1019.88 EL: 1057- Drilling for rowels 8:00Hrs-16:00Hrs</p>	<p>K0+067-0+072 Drilling for blast 09:00Hrs-14:00Hrs Charging for blast 14:10Hrs-15:30 Hrs blast 16:00Hrs Base Elevation 1019.88 EL: 1059-1057 Drilling for rock dowels 8:00Hrs-16:30Hrs</p>	<p>Base Elevation 1019.88 EL: 1059-1057 Drilling for rock dowels 8:00Hrs-16:30Hrs K0+072-0+077 Excavation 9:00-14:00Hrs</p>	<p>K0+072-0+077 Excavation 9:00-14:00Hrs</p>	<p>K0+076 K0+77- Charging for blast 9:00Hrs-10:00Hrs Blast 10:30Hrs Excavation with excavator 10:45-18:00Hrs Base Elevation 1019.88 EL: 1059-1057 Installation of rock dowels of 10m 9:00-10:30</p>
Uchar New Crushing plant	<p>Block masonry work at generator room 8:00Hrs-17:30Hrs Construction of washroom 7:30Hrs-17:30Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30Hrs Fixing of formwork for gate column 7:30Hrs-17:30Hrs Removing formwork of parapet wall 8:00Hrs-17:30Hrs No work 19:30-7:00Hrs</p>	<p>Block masonry work at generator room 8:00Hrs-17:30Hrs Construction of washroom 7:30Hrs-17:30Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30Hrs Fixing of formwork for gate column 7:30Hrs-17:30Hrs Removing formwork of parapet wall 8:00-17:30Hrs No work 19:00-7:00Hrs</p>	<p>Excavation and loading 8:00-17:30 Hrs Block masonry work at generator room 8:00Hrs-17:30 Hrs Construction of washroom 7:30Hrs-17:30 Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30 Hrs Fixing of formwork for gate column 7:30Hrs-17:30 Hrs</p>	<p>Block masonry work at generator room 7:00Hrs-17:30 Hrs Construction of washroom 7:30Hrs-17:30 Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30 Hrs Fixing of formwork for gate column 7:30Hrs-17:30 Hrs</p>	<p>Block masonry work at generator room 7:00Hrs-17:30 Hrs Construction of washroom 7:30Hrs-17:30 Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30 Hrs Fixing of formwork for gate column 7:30Hrs-17:30 Hrs</p>	<p>Block masonry work at generator room 8:00Hrs-17:30Hrs Construction of washroom 7:30Hrs-17:30Hrs Stone masonry work at retaining wall no 3 7:30Hrs-17:30Hrs Fixing of formwork for gate column 7:30Hrs-17:30Hrs No work 19:30-7:00Hrs</p>
Kass Camp	No work	No work 7:00-7:00Hrs	No work	Washroom tiling Lean concrete at office site Stone masonry work	Washroom tiling (7:30-17:30Hrs)	No work

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				Brick masonry work Fixing of electric wires Fixing of doors Installation of sewage pipeline system Room leveling concrete Making of steel stairs Washroom ceiling Chinese canteen floor tiling Construction of septic tank Installation of CCTV cameras and decorative works	Lean concrete at office site (7:30-17:30Hrs) Stone masonry work (7:30-17:30Hrs) Brick masonry work (7:30-17:30Hrs) Fixing of electric wires (7:30-17:30Hrs) Fixing of doors (7:30-17:30Hrs) Installation of sewage pipeline system (7:30-17:30Hrs) Room leveling concrete (7:30-17:30Hrs) Making of steel stairs(7:30-17:30Hrs) Washroom ceiling (7:30-17:30Hrs) Chinese canteen floor tiling (7:30-17:30Hrs) Construction of receptic tank (7:30-17:30Hrs) Installation of CCTV cameras and decorative works (7:30-17:30Hrs)	
CR-5-2 / LU-2	No work 7:00-7:00Hrs	CR-5-2 Excavation and mucking 8:00-17:00Hrs Breaking of bolder with jack hammer 9:30-17:00Hrs	CR-5-2 Excavation and mucking 8:00-17:00Hrs	CR-5-2 No work	CR-5-2 No work	CR-5-2 Excavation and mucking 8:00-17:30Hrs No work due to shortage of manpower 23:00-7:00Hrs

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Date/Day Location	1 Wed.	2 Thu.	3 Fri.	4 Sat.	5 Sun.
Diversion Tunnel A INLET	Top slab Transition part-1 Shifting and fixing of steel 7:00-17:30Hrs Welding of steel support bars and fixing steel 20:00-21:30Hrs Left wall Scaffolding for access 7:00-17:30Hrs Right wall Cleaning surface for concrete and support work 7:00-17:30Hrs Fixing of formwork and reinforcement 7:30-17:30Hrs Fixing of formwork and reinforcement 19:30-21:30Hrs Local labors held strike from 21:30-7:00Hrs Gate slot Fixing formwork 7:30-17:30Hrs Local labors held strike from 21:30-7:00Hrs Coffer dyke between DTA & DTB El. 771-774 Surface cleaning for concrete 7:30-17:30Hrs Fixing of formwork 19:30 Hrs-06:00 Hrs Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs No work 19:30-07:00 (due to labors held strike, only DT-A inlet and outside) Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs Back filling and leveling 21:30-5:00 Hrs Local labors held strike from 21:30-7:00Hrs Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs Formwork and fixing of Steel 19:30-23:00Hrs Part 4 Crown Fixing of steel 7:30- 17:30Hrs Cleaning and arrangement for pouring of concrete 19:30-05:30 Hrs	Top slab Transition part-1 Welding of steel support bars and fixing steel 7:00-17:30Hrs Shifting and fixing of steel 7:00-17-30 Left wall Scaffolding for access 7:00-17:30Hrs Right wall Arrangement for pouring concrete 7:30-17:30Hrs Gate slot Fixing formwork 7:30-17:30Hrs No work 19:30- 07:00 Hrs(due to labors held strike, only DT-A inlet and outside) Coffer dyke between DTA & DTB El. 771-774 Surface cleaning for concrete 7:30-17:30Hrs Fixing of formwork 19:30 Hrs-06:00 Hrs Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs No work 19:30-07:00 (due to labors held strike, only DT-A inlet and outside)	Top slab Transition part-1 Fixing steel and Welding of steel support bars 7:00-17:30Hrs Fixing of formwork and steel 19:30 -06:00 Hrs Left wall Scaffolding for making access 7:00-17:30Hrs Right wall Arrangement for pouring concrete 7:30-17:30Hrs Arrangement for pouring 19:30-22:00Hrs Pouring of concrete 23:40 Hrs- Gate slot Fixing formwork 7:30-17:30Hrs Coffer dyke between DTA & DTB El. 771-774 Surface cleaning for concrete 7:30-17:30Hrs No work 19:30 Hrs-07:00 Hrs Part -1 Left and Right wall Shifting Scaffolding ,Formwork and fixing of Steel 7:30-17:30Hrs Shifting Scaffolding ,Formwork and fixing of Steel 19:30-06:00 Hrs	Top slab Transition Part-1,2 Fixing steel and welding of support bars 7:00-17:30Hrs Fixing of formwork 7:30 -17:30Hrs Left wall Fixing of steel and formwork 7:00-17:30Hrs Fixing of steel and formwork 19:30-05:30 Hrs Right wall Pouring of concrete 7:00-14:50Hrs Total Qty = (288m3) Fixing of scaffolding 7:30-17:30Hrs Cleaning , chipping ,Shifting of steel and fixing of steel 19:30-05:30 Hrs Fixing of formwork 23:00 Hrs-06:00 Hrs Middle Pier Cleaning of surface and steel 7:30-17:30Hrs Coffer dyke between DTA & DTB El. 771-774 Curing of concrete 7:30-13:30Hrs Fixing of formwork 3rd lift 7:30-17:30Hrs Fixing of formwork 19:30-3:00Hrs No work 3:00-6:30Hrs Part -1 Right wall Shifting and fixing formwork 7:30-17:30Hrs Shifting and fixing of formwork 19:30-6:30Hrs Part -4 Right and left wall 6th lift Pouring of concrete 156m3 7:00-14:45Hrs 7th lift Fixing steel strips ,welding and Cleaning work 19:30-6:30hrs	Top slab Transition Part-1,2 Fixing steel and Shifting of steel by crane 7:30 -17:30Hrs Fixing of formwork 7:30 -17:30Hrs Fixing of steel 19:30-6:30Hrs Left wall Fixing of steel and formwork 7:00-17:30Hrs Right wall Fixing of scaffolding 7:30-17:30Hrs Fixing of Scaffolding and steel 19:30-6:30Hrs Middle Pier Cleaning of surface and steel 7:30-17:30Hrs Coffer dyke between DTA & DTB El. 771-774 Curing of concrete 7:30-13:30Hrs Fixing of formwork 3rd lift 7:30-17:30Hrs Fixing of formwork 19:30-3:00Hrs No work 3:00-6:30Hrs Part -1 Right wall Shifting and fixing formwork 7:30-17:30Hrs Shifting and fixing of formwork 19:30-6:30Hrs Part -4 Right and left wall 6th lift Pouring of concrete 156m3 7:00-14:45Hrs 7th lift Fixing steel strips ,welding and Cleaning work 19:30-6:30hrs
Diversion Tunnel A UNDER GROUND	INVERT Right side K0+150-0+230 Collecting formwork and scaffolding 7:30-17:30Hrs No work 19:30-7:00 Hrs Downstream Right side K1+280-1+320 Invert rock surface cleaning for lean 7:30-17:30Hrs Invert scaling and removal of debris 15:30-16:30Hrs Invert rock surface cleaning for lean 20:30-5:30Hrs Removal of undercuts with jack-hammer 21:00-22:00Hrs Right Wall K1+360-1+365 Drilling for blast 23:00Hrs-00:20Hrs Charging 00:40-1:30Hrs Blast 2:30Hrs Mucking 3:00-5:00Hrs K0+870-0+933	INVERT Right side K0+150-0+230 No work due to shortage of resources 7:30-7:00Hrs Downstream Right side K1+280-1+320 Invert rock surface cleaning for lean 7:30-17:30Hrs Invert rock surface cleaning for lean 19:30-06:00 Hrs Right Wall1+365 Drilling for blast 7:30-10:00Hrs Charging 11:30-12:05Hrs Blast 12:25Hrs Mucking 13:00-17:00Hrs Right Wall K1+369- Survey for blast 19:50-20:30Hrs Drilling for blast 22:00-23:50 Hrs Charging for blast 00:50 Hrs-01:45Hrs Blast 02:10 Hrs Excavation and mucking 03:00 Hrs-06:30 Hrs	INVERT No work due to shortage of resources 7:30-7:00Hrs Downstream Right side K1+280-1+320 Invert rock surface cleaning for lean 7:30-17:30 Invert rock surface cleaning for lean 19:30-06:00 Hrs Right Wall 1+370- Mucking and scaling 7:30-17:30Hrs Right Wall K1+379- Drilling for blast 14:20-16:15 Hrs Charging for blast 16:20Hrs-17:10 Hrs Blast 17:15 Excavation and mucking 19:30-01:30 Hrs K1+383- Drilling for blast 02:00 Hrs-03:10 Hrs Charging for blast 03:30 Hrs-04:50 Hrs	INVERT No work 7:30-7:00Hrs Downstream Right side K1+280-1+320 Invert rock surface cleaning for lean concrete 7:30-17:30Hrs Arrangement for lean concrete 23:00 Hrs-06:00 Hrs Right Wall K1+379- Drilling for blast 13:00-16:00Hrs Charging for blast 16:30-17:20Hrs Blast 17:30Hrs Excavation and mucking 19:30-02:30 Hrs K1+444-1+472 Right wall Installation of steel girder and welding works 8:00-17:30Hrs No work (Lack of resources) 19:30 Hrs-07:00 Hrs	INVERT No work (lack of resources) 7:30-7:00Hrs Downstream Right side K1+280-1+320 Invert rock surface cleaning for lean concrete 14:00-15:00Hrs Pouring of lean concrete 15:50-1:20Hrs Total quantity (166m3) Right Wall K1+380-K1+384 Drilling for blast 8:45-10:00Hrs Charging for blast 10:30-11:00Hrs Blast 11:30Hrs Excavation and mucking 15:30-17:30Hrs Left Wall K1+456- Drilling for blast 10:30-11:00Hrs Charging for blast 11:00-11:20Hrs Blast 11:31Hrs Clearing access 11:40-12:20Hrs K1+444-1+472 Right wall Scaffolding 7:30-17:30Hrs

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	Cleaning mud from invert concrete surface 19:30-6:00 Hrs Right Wall K1+445-1+485 Installation of steel arches and welding works 7:30-12:30Hrs No work 19:00-7:00Hrs Outside Slope protection No work	Right Wall K1+445-1+485 Installation of steel arches and welding works 7:30-17:30Hrs K1+444- Right wall Drilling for rock dowels 16:30-18:00Hrs Drilling of rock anchors for steel arches support 19:30-03:00Hrs Arrangement for rock anchor grouting 03:00 Hrs-3:30Hrs Grouting for anchor bars 03:45 Hrs-06:00 Hrs	Blast 05:30 Hrs Excavation and mucking 05:40 Hrs-07:00 Hrs K1+444-1+472 Right wall grouting for anchor bars 8:00-17:30 No work due to shortage of resource 19:30 Hrs-07:00 Hrs	Scaffolding 19:30-5:00Hrs K0+933-0+945 Arrangement for 1m invert pouring concrete 23:00-3:00Hrs Pouring of concrete start 1:30-5:15Hrs Total quantity poured 136m3 Installation of steel girder and welding works 8:00-17:30Hrs Welding work for steel girder 19:30-4:30Hrs	
Diversion Tunnel B INLET	Gate Slot Above Top Slab Fixing scaffolding 7:30-17:30Hrs Invert concrete surface cleaning 8:00-17:00 Hrs Coffer Dyke Charging for blast 8:00-13:00 Hrs Blast 13:15 Hrs Excavation and removal blast material 13:30-17:30 Hrs Excavation 19:30-23:00 Hrs	Gate Slot Above Top Slab Fixing scaffolding 8:30-17:30Hrs Invert concrete surface cleaning 7:30-17:30Hrs No work 19:30- 07:00 Hrs(due to labors held strike at only DT-A & Dt-B Inlet and outside) Coffer Dyke Excavation and removal blast material 7:30-17:30Hrs Breaking boulders with jack hammer 23:00 Hrs-05:30 Hrs	Gate Slot Above Top Slab Fixing scaffolding 7:30-17:30 No work 19:30 Hrs-07:00 Hrs Coffer Dyke Excavation and removal blast material 7:30-17:30 Breaking boulders with jack hammer 7:30-17:30 Breaking boulders with jack hammer 19:30-03:30Hrs	Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Excavation and mucking 7:30-17:30Hrs Excavation with jack-hammer 8:30-16:00Hrs Drilling for blast 23:30 Hrs-05:30 Hrs	Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Excavation with jack-hammer 8:00-17:30Hrs No work due to shortage of manpower 23:00-6:30Hrs
Diversion Tunnel B UNDER GROUND	Downstream K1+252-K1+272 Right side Arrangement for invert pouring of concrete 7:30-11:50Hrs Pouring of concrete (184m3) 12:30-19:00Hrs Pouring of concrete (222m3) 19:00-6:32Hrs Left side K1+250-1+270 Cleaning for invert 1m concrete 7:30-17:30 Hrs Cleaning for invert 1m concrete 19:30-5:30 Hrs K1+150-1+250 cleaning for invert concrete surface 19:30-05:30Hrs	Downstream K1+252-K1+272 Right side Finishing concrete surface 7:30-17:30Hrs Finishing concrete surface 19:30-05:30Hrs Left side K1+252-1+270 Cleaning for invert 1m concrete 7:30-17:30Hrs Cleaning for invert 2m concrete 19:30-23:50 Arrangement for pouring of concrete 23:50 Hrs-01:00 Hrs Pouring of concrete 01:00-07:00 continue Outlet outside EL:771.00 Drilling for blast (core drilling)14:00-17:30Hrs Drilling for blast 19:30- 06:00Hrs	Downstream Left side K1+252-1+270 Pouring of invert concrete 07:00-17:20Hrs Total Quantity (398.4m3) Note :From 15:00 to 17:30Hrs pouring of concrete remain unsupervised due to local vehicle held strike Surface finishing 19:30-05:30 Hrs Outlet outside EL:771.00 Drilling for blast 8:30-17:30 Drilling for blast 19:30-05:30 Hrs	Downstream K1+252-1+270 Curing of invert concrete 7:00-17:30Hrs K1+075- Cleaning of invert concrete surface 7:30-17:00Hrs No work (Lack of resources) 19:30-07:00 Hrs	Downstream K1+252-1+270 Curing of invert concrete 7:00-17:30Hrs K1+076-1+272 Invert surface cleaning mud material 7:30-6:30Hrs
STARTER DAM LEFT BANK	No work	No work	No work	No work	
STARTER DAM RIGHT BANK	Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Slot -2 (Hole #3) Slot -3 (Holes # 5) Slot -4 (Holes # 4) Slot -5 (Holes # 5,6) Core drilling Slot -3 (Holes Nos 2) Drilling for cut off wall Phase-I Drilling for cut off wall 7:30Hrs-6:00Hrs Slot -4 (Holes Nos ,3)	Cut off wall Phase-II Drilling for cut off wall 7:30Hrs-18:00Hrs Slot -2 (Holes Nos ,3) Slot -3 (Holes Nos 5) Slot -4 (Holes Nos 4) Slot -5 (Holes Nos 5,6) Core drilling Slot -3 (Holes Nos 2) Drilling for cut off wall Phase-I Drilling for cut off wall 7:30Hrs-6:00Hrs Slot -4 (Holes Nos ,3) Drilling for cut off wall 19:30Hrs- Slot -2 (Holes Nos ,3) Slot -3 (Holes Nos 5) Slot -4 (Holes Nos 4) Slot -5 (Holes Nos 5,6) Core drilling Slot -3 (Holes Nos 2)	Cut off wall Phase-II Drilling for cut off wall 7:30Hrs-06:00Hrs Slot -2 (Holes Nos 2/4) Slot -3 (Holes Nos 2,4) Slot -4 (Holes Nos 2,4/5) Slot -5 (Holes Nos 2,5) Core drilling) No work Drilling for cut off wall 7:30-06:00Hrs Phase-I No work 19:30 Hrs-07:00 Hrs Phase-I	Cut off wall Phase-II Drilling for cut off wall 7:30Hrs-18:00Hrs Drilling for cut off wall 18:30Hrs-7:00Hrs Slot -2 (Holes Nos 1/3) Slot -3 (Holes Nos 2,4) Slot -5 (Holes Nos 2,5) Drilling for pilling 07:45 Hrs-19:00 Hrs Phase-I Slot -5 (Holes Nos 1)	Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Drilling for cut off wall 19:30-23:00Hrs Phase-II Slot 2 (Holes No 1,5) Slot 3 (Holes No 2,4) Slot 2 (Holes No 5) Slot 5 (Holes No 5,6) Drilling for cut off wall 23:00-5:30Hrs Phase-II Slot 2 (Holes No 1,5) Slot 3 (Holes No 2,3) Slot 5 (Holes No 5,6)
Right Bank Diversion Tunnel	EL.782-787 No work 7:00-17:30Hrs Cleaning loose material from surface for shotcrete 20:00-22:30Hrs Arrangement for shotcrete 22:30-00:00Hrs Waiting for transit mixture 00:00-3:15 Hrs Spraying 1st and 2nd layer of shotcrete at portal 3:20-04:00Hrs K0+575 EL. 782- Drilling for canopy tubes 9:00 Hrs-17:30Hrs Arrangement for grouting 19:30Hrs-22:00Hrs Grouting for canopy tubes 22:15 Hrs-6:00 Hrs	EL.782-787 No work 7:00-17:30Hrs Arrangement for grouting 8:00-11:00Hrs Grouting for canopy tubes 11:00-15:00Hrs 14Nos grouted Grouting for canopy tubes 20:00-06:00Hrs 8 piece grouted K0+575 EL. 782- Excavation and invert leveling 8:30-11:00Hrs Drilling for canopy tubes 11:00-17:30Hrs Installation of canopy tube 19:30-22:00Hrs 2 nos installed Contractor welded the canopy tubes instead of screw thread tight, that's way installation work stop by DHC. 22:00-07:00 Hrs	EL.782-787 K0+025 Arrangement of drilling for blast 08:00 Hrs-10:00 Hrs Drilling for blast 10:00 Hrs-16:30 Hrs Cleaning of drilled holes for charging 19:30-22:40Hrs Charging for blast 22:45Hrs-02:30 Hrs Blast not done blast will be done in the day shift 02:30 Hrs-07:00 Hrs K0+575 EL. 782- Excavation and leveling 7:30-10:30Hrs Drilling for canopy tubes 10:30-13:00Hrs Installation and weding of canopy tubes 13:00-17:30Hrs Welding works for canopy tubes 19:30-23:00 Hrs Grouting of canopy tubes 23:00 Hrs-05:00 Hrs 7 pieces grouted	EL.782-787 K0+025- Charging 7:30-7:50Hrs Blast 8:12Hrs Excavation and leveling 9:00-11:50Hrs Scaling and invert leveling 13:30-17:30Hrs Arrangement for 1st layer of shotcrete 19:30-23:00 Hrs 1st layer shotcrete 23:00 Hrs-00:00 Hrs 6m3 survey and demarcation for blast 01:00Hrs-01:45 Hrs Drilling for blast 03:00 Hrs-05:50 Hrs Blast will be done in the day shift K0+575 EL. 785-779 Excavation and leveling 7:30-8:00Hrs Drilling for canopy tubes 8:00-14:50Hrs Grouting for canopy tubes 8:50 -10:00Hrs Grouting for canopy tubes 14:50-16:30Hrs 9 Pcs grouted Drilling for canopy tubes 15:50 Hrs-17:30Hrs Welding of canopy tube caps and Installation pvc pipes 19:30 Hrs-06:00Hrs	EL.782-787 K0+026- Charging 8:30-9:20Hrs Blast 9:33Hrs Excavation 10:00-11:30Hrs Scaling and invert leveling 12:30-13:20Hrs Removing of under breaks with jack-hammer 14:40- 16:00Hrs Arrangement for 1st layer of shotcrete 19:30-21:30Hrs Sprayed 1st layer of shotcrete 21:30-00:00Hrs K0+25.7y1st la Survey and demarcation for blast 2:00-3:00Hrs Drilling for blast 3:00-6:00Hrs No work 6:00-7:00Hrs K0+575 EL. 785-779 Arrangement for grouting 7:30-8:30Hrs Grouting of canopy tubes (6 Nos) 9:00-Hrs Drilling for canopy tubes 9:20-17:30Hrs No work 19:30-6:30Hrs
Adit 3 - 2 & 3-1	K0+177.5-0+175.5 Mucking and Scaling 7:30-11:30Hrs Geological mapping not done K0+175.5 Survey for blast 14:20-14:40Hrs Drilling for blast 14:00-17:30Hrs	K0+123.5- Mucking and scaling 7:30-11:00Hrs K0+126- Survey for blast 11:20-11:45 Drilling for blast 12:00-16:00Hrs	K0+117.5-0+130 1st layer shotcrete 9:30 Hrs-11:15 Hrs 16m3 K0+131- Survey for blast 13:25-13:55 Survey	K0+134- Drilling for blast 8:20-10:20Hrs Charging for blast 10:30-11:45Hrs Blast 12:10 Hrs Mucking and scaling 13:30-17:00Hrs Survey for blast 17:30-18:00Hrs K0+131-	K0+137- Mucking and scaling 8:00-12:45Hrs K0+140- Survey for blast 12:45-13:20Hrs Drilling for blast 13:30-16:30Hrs Charging for blast 16:30-17:30Hrs

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	<p>Charging for blast 20:00-22:00Hrs Blast 22:10Hrs Mucking and scaling 23:15-2:30Hrs Plug 7 Fixing formwork for plug concrete 19:30 Hrs-6:00 Hrs</p>	<p>Charging for blast 16:30-17:40Hrs Blast 17:50Hrs Mucking and scaling 19:30Hrs-02:30 Hrs Geological mapping 02:30 Hrs-03:00 Hrs Arrangement for 1st layer shotcrete 03:00 Hrs-03:45 Hrs 1st layer shotcrete 04:30 Hrs-05:30 Hrs 6m3 Survey for blast 06:15 Hrs-06:45 Hrs</p> <p>K0+175.5 Arrangement for shotcrete 7:30-8:30 Spraying shotcrete on rock surface 8:30-10:30Hrs K0+173- Survey for blast 10:30-11:00Hrs Drilling for blast 11:00-14:50Hrs Charging for blast 15:00-16:10Hrs Blast 16:17Hrs Mucking and scaling 16:50-18:00Hrs Mucking and scaling 19:30Hrs-00:30 Hrs Geological mapping 00:45 Hrs-01:45Hrs Survey for blast 03:00 Hrs-03:30 Hrs K0+170- Drilling for blast 04:30 Hrs-07:00 Hrs Plug 7 Fixing formwork and arrangement for plug concrete 7:30-17:30Hrs Cleaning and Arrangement for pouring 19:30-06:00 Hrs</p>	<p>Drilling for blast 14:20-17:30Hrs Charging for blast 19:30-23:00 Hrs Blast 23:10 Hrs Mucking and scaling 23:45 Hrs-04:50 Hrs Geological mapping 05:15 Hrs-05:30 Hrs Installation of thickness pins 05:30 Hrs-06:30 Hrs K0+166- Drilling for blast 7:30-11:30Hrs Charging for blast 12:15-13:45 Hrs Blast 13:48 Hrs Mucking and scaling 14:15-17:30Hrs Mucking and scaling 19:30-01:00 Hrs Geological mapping 01:00 Hrs-01:30 Hrs Survey for blast 01:30 Hrs-02:00 Hrs K0+163- Drilling for blast 02:00 Hrs-04:00 Hrs Charging for blast 04:00 Hrs-05:50 Hrs Blast 06:10 Hrs Plug 7 K0+228-0+ Fixing formwork and arrangement for plug concrete 7:30-17:30 Pouring of concrete 17:45-19:30Hrs Pouring of concrete 19:30-06:00 Hrs Total quantity 104m3</p>	<p>Drilling for blast 21:30Hrs-03:30 Hrs Charging for blast 03:45 Hrs-05:45 Hrs Blast 06:30 Hrs K0+163- Mucking 8:00-11:30Hrs Scaling 12:40-13:00Hrs Arrangement for shotcrete 14:30-15:30Hrs 1st layer of shotcrete 15:30-16:20Hrs Survey for blast 17:00-17:30Hrs K0+159.5- Drilling for blast 21:30Hrs-03:00 Hrs Charging for blast 03:30 Hrs-05:30 Hrs Blast 06:10 Hrs Plug PG-7 K0+228-0+232 Fixing of form work and welding of tie bars 7:30-17:30Hrs Chipping of concrete surface and cleaning 13:30-17:00Hrs Fixing of formwork and welding of tie bars 19:30-6:00 Hrs Cleaning and arrangement for pouring 19:30 Hrs-6:00 Hrs</p>	<p>Blast 17:40Hrs Mucking and scaling 19:30-00:30Hrs Geological mapping 1:00-1:30Hrs K0+142- Survey for blast 2:00-2:30Hrs Drilling for blast 4:00-5:30Hrs Charging and blast 5:30-6:38Hrs K0+159.5- Mucking and scaling 8:00-15:30Hrs Survey for blast 15:30-16:00Hrs Mapping 16:30-17:00Hrs K0+156.5 Drilling for blast 19:30-3:00Hrs Charging for blast 3:45-5:10Hrs Blast 5:20Hrs No work 5:20-7:00Hrs (Lack of resources) Plug (PG-7) K0+228-0+232 2nd lift Arrangement for concrete 7:30-10:00Hrs Pouring of concrete 10:40-23:25Hrs (Qty 152m3) Washing of pump and pipeline 23:25-2:00Hrs No work 2:00-7:00Hrs</p>
Traffic Diversion Tunnel	<p>K0+952-0+900 Remedial shotcrete sprayed 7:30-9:30Hrs No work 9:30-15:20Hrs (Shortage of resources) K0+929.5-0+932 Survey and demarcation for blast 15:20-15:40Hrs Drilling for blast 15:40-17:00Hrs Shift change 17:00 Hrs-19:00Hrs Drilling for blast 22:00 Hrs-1:00Hrs Charging for blast 1:00 Hrs-2:25Hrs Blast and ventilation 2:25-2:50Hrs Mucking and scaling 3:30-6:00Hrs Shift change 6:00-7:30Hrs K1+339-1+341 Arrangement for 1st layer shotcrete 10:30-12:00 hrs waiting for transit mixture 12:00-14:30 Hrs Spraying 2nd layer of shotcrete 14:30-19:30Hrs K1+339-1+341 Spraying 1st layer of shotcrete 9m3 21:30-00-00Hrs Survey and demarcation for blast 1:35-2:00 Hrs K1+338- Drilling for blast 02:30Hrs</p>	<p>K0+929.5-0+932 Mucking and scaling 7:30-10:30Hrs Mapping 10:30-11:30Hrs Lunch break 11:30-12:30Hrs Arrangement for shotcrete and waiting for shotcrete robot 12:30-14:00Hrs No work 14:00-17:00Hrs (due to lack of resources) Spraying 1st layer of shotcrete 17:00-17:30Hrs K0+852-0+900 Sprayed remedial shotcrete 17:30-18:10Hrs Shift change 18:10-19:30 No work 19:30-21:50 K0+932-0+934.5 Survey and demarcation for blast 21:50-22:30Hrs Arrangement and drilling for blast 22:30-3:15 Hrs Charging for blast 3:15 Hrs-4:50hrs Blast and ventilation 4:50-5:30Hrs Shift change 05:30 Hrs-07:30 Hrs Ch.K1+335-1+333.5 Charging for blast 07:00 Hrs-09:30 Hrs Blast 09:45 Hrs Mucking and scaling 10:15 Hrs-16:00 Hrs Geological mapping 16:30 Hrs-17:30 Hrs Arrangement for 1st layer shotcrete 20rs-22:30Hrs 1st layer shotcrete 22:40Hrs-23:15Hrs 6m3 Survey and demarcation for blast 01:00 Hrs-01:30 Hrs K1+333.5- Waiting for drill jumbo 01:30 Hrs-06:00 Hrs</p>	<p>K0+932-0+935 Mucking and scaling 7:30-15:30 Geological mapping 15:30-16:00Hrs Arrangement for 1st layer shotcrete 16:00-16:45 Spraying 1st layer of shotcrete 6m3 16:45-17:20Hrs K0+880-0+900 Spraying remedial shotcrete 17:20-17:50Hrs (Qty=8m3) Shift change 17:50-19:30Hrs No work 19:30-21:00Hrs (due to lack of resources) K0+935- Survey and demarcation for blast 21:00-21:50Hrs Arrangement for drilling 21:50-22:30Hrs Drilling for blast 22:30-3:50 Hrs Charging for blast 3:50-4:47 Hrs Blast and ventilation 4:47-5:30Hrs Shift change 05:30-07:00 Hrs K1+333.5- No work (Due to drill jumbo out of order) 07:30 Hrs-17:30 No work due to shortage of resources 19:30-7:00Hrs</p>	<p>K0+935- Mucking and scaling 8:00-17:30Hrs No work due to lack of resources 19:30-22:00Hrs Survey for blast 22:30- K0+938- Drilling for blast 23:00 Hrs-02:30 Hrs Charging for blast 02:45 Hrs-05:30 Hrs Blast 05:20 Hrs K1+332- No work (Lack of resources) 7:00-7:00Hrs</p>	<p>K1+341-1+332 Arrangement for grouting 7:30-8:00Hrs Repairing of grouting machine 8:00-14:20Hrs Grouting and installation of rock bolts 14:45-17:00Hrs K1+332- Charging for blast 16:50-17:20Hrs Blast 17:30Hrs Mucking and scaling 20:30-00:40Hrs Geological mapping 00:40-1:00Hrs Q value 1.45 K1+332-1+329 Arrangement for 1st layer shotcrete 1:20-2:00Hrs Spraying 1st layer and remedial shotcrete 2:00-6:00Hrs 1st layer (Quantity 6m3) Remedial shotcrete (Quantity 16m3) K0+938-0+940.8 Mucking and calling 8:00-16:00Hrs Geological mapping 16:30-17:00Hrs Q value= 1.67 K0+935-0+940 Installation of thickness pin 20:00-21:00Hrs Arrangement and waiting for mixer 21:00-23:00Hrs Spraying 1st layer of shotcrete 23:00-23:40Hrs (Quantity 8m3) K0+940.8- Survey for blast 00:00-00:40Hrs No work due to lack of resources 00:40-5:00Hrs Drilling for blast 5:00-7:00Hrs</p>
Cable crane foundation (Right Bank)	<p>No work due to shortage of resources 7:30-7:00Hrs K0+082- Drilling for blast 13:00-17:00Hrs No work due to shortage of resources 19:30-7:00Hrs (unsupervised due to vehicle strike) Base Elevation 1019.88 EL: 1057- Drilling for rock dowels 9:00Hrs-16:00Hrs No work due to shortage of resources 19:30-7:00Hrs (unsupervised due to vehicle strike)</p>	<p>K0+082- Drilling for blast 09:00Hrs-12:00Hrs Charging for blast 14:30Hrs-15:30Hrs Blast 16:00hrs Excavation with jack hammer 16:30Hrs No work due to shortage of resources 19:30-7:00Hrs (unsupervised due to vehicle strike) Base Elevation 1019.88 EL: 1057- Drilling for rock dowels 9:00Hrs-16:00Hrs No work due to shortage of resources 19:30-7:00Hrs</p>	<p>K0+082- Drilling for blast 15:00Hrs-16:00Hrs Excavation with jack hammer 08:30Hrs-14:30Hrs No work due to shortage of resources 19:30-7:00Hrs Base Elevation 1019.88 EL: 1057- Drilling for rock dowels 9:00Hrs-14:00Hrs grouting and installation of rock dowels 14:30Hrs-16:00Hrs Fixing of scaffolding 13:30Hrs-16:30Hrs No work due to shortage of resources 19:30-7:00Hrs</p>	<p>K0+087- Charging for blast 08:10Hrs-09:15Hrs Blast 09:44Hrs Excavation and leveling 10:00Hrs-17:30Hrs No work (Lack of resources) 19:30Hrs-07:00 Hrs Base Elevation 1019.88 EL: 1057- Arrangement for installation of 10m rock bolts 8:00-9:40Hrs Installation of rock bolts 9:40-15:00Hrs Installation of scaffolding 8:30-16:30Hrs No work (Lack of resources) 19:30-07:00 Hrs</p>	<p>K0+092- Drilling for blast 8:30-17:30Hrs Base Elevation 1019.88 EL:1063- Drilling for rock dowels 8:00-17:30Hrs</p>

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		(unsupervised due to vehicle strike)			
Uchar New Crushing plant	Block masonry work at generator room 8:00-17:30Hrs Construction of washroom 7:30-17:30Hrs Stone masonry work at retaining wall no 3 7:30-17:30Hrs Fixing of formwork for gate column 7:30-17:30Hrs No work 19:30-7:00Hrs (unsupervised due to vehicle strike)	Crush plant area Stone masonry work at retaining wall no 3 07:30 Hrs-17:30 Hrs Batching plant area Block masonry at washroom area 07:30 Hrs-17:30 Hrs Fixing of formwork for main gate column 07:30 Hrs-17:30 Hrs No work 19:30 Hrs-07:00 Hrs (unsupervised due to vehicle strike)	Crush plant area Stone masonry work at retaining wall no 3 07:30 Hrs-17:30 Hrs Batching plant area Block masonry at washroom area 07:30 Hrs-17:30 Hrs Foundation for main gate column 07:30 Hrs-17:30 Hrs	Crush plant area Stone masonry of retaining wall no-3 7:30-1730 Hrs Batching plant area Block masonry 7:30-17:30 Hrs Foundation for main gate column 7:30-17:30 Hrs No work (Lack of resources) 19:30 Hrs-07:00 Hrs	Crush plant area Stone masonry of retaining wall no-3 7:30-1730 Hrs Batching plant area Block masonry 7:30-17:30 Hrs Foundation for main gate column 7:30-17:30 Hrs No work 19:30-6:30Hrs
Kass Camp	(unsupervised due to vehicle strike)	unsupervised due to vehicle strike)	No Work	Electrical wiring 7:30-17:30Hrs fixing and making of doors and windows 7:30-17:30Hrs Brick and plaster work for washrooms 7:30-17:30Hrs Joint filling between two rooms 7:30-17:30Hrs Paining work for doors and windows 7:30-17:30Hrs installation of sewerage pipe line 7:30-17:30Hrs Stone masonry at retaining walls 7:30-17:30Hrs Stone masonry at retaining walls 19:30-5:00Hrs	No work
CR-5-2 / LU-2	CR-5-2 Excavation and mucking 8:00-17:30Hrs Breaking boulders with jack hammer 9:00-17:00Hrs No work due to shortage of manpower 19:30-7:00Hrs (unsupervised due to vehicle strike)	Excavation and with jack hammer 08:00 Hrs-17:30 Hrs Breaking boulder with jack hammer 08:30 Hrs-17:00 Hrs No work due to shortage of resources 19:30-7:00Hrs (unsupervised due to vehicle strike)	Excavation and with jack hammer 08:00-17:00 Hrs No work due to shortage of resources 17:30-7:30Hrs	No work 07:30 Hrs-17:30 Hrs No work due to lack of resources 19:30 Hrs-07:00 Hrs	No work
DT-A & DT-B Outlet Outside		Diversion channel DT-B Excavation for diversion channel 8:00Hrs-17:30Hrs Excavation for diversion channel 20:30Hrs-06:00 Hrs- Drilling for blast 20:30 Hrs-05:30Hrs	Diversion channel DT-B Excavation for diversion channel 7:30Hrs-17:30 Drilling for blast 7:30 Hrs-17:30 Excavation for diversion channel 19:30Hrs-06:00	Diversion channel DT-B Drilling for blasting 8:00-18:00Hrs Excavation 7:30-17:30Hrs Excavation for diversion channel 19:30-Hrs 06:00 Hrs	Diversion channel DT-B Drilling for blast 7:30-17:30Hrs Excavation 8:00-18:00 Hrs Excavation 19:30-23:00Hrs No work 23:00-6:30Hrs
Siglo RCC Crush plant & Batching plan		No work due to shortage of resources 7:30-7:00Hrs	Crush plant No. 2 Fixing formwork for lean concrete 07:30 Hrs-17:30 Fixing formwork for retaining wall 07:30 Hrs-17:30 Excavation and leveling 07:30 Hrs-17:30 No work due to shortage of resources 19:30-7:00Hrs	Crush plant No. 2 Fixing formwork for retaining wall 7:30-17:30 Hrs Excavation and leveling 7:30-17:30 Hrs No work (Lack of resources) 19:30 Hrs-07:00 Hrs	Crush plant No. 2 Excavation 7:30-17:30 Hrs Installation of formwork 7:30-17:30 Hrs K0+098-0+160 Pouring of lean concrete 30m3 10:00-13:50 Hrs
Date/Day Location	6 Mon.	7 Tue.	8 Wed.	9 Thu.	10 Fri.
Diversion Tunnel A INLET	Top slab Arrangements for Concrete 19:30Hrs-5:30Hrs Transition Part-1,2 Fixing of steel and Shifting of steel by crane 7:30-17:30Hrs Fixing of reinforcement 19:30Hrs-3:30Hrs Transition Part 2,3 Cleaning sludge 19:30Hrs-5:30Hrs Transition Part 4 Right + Left Wall Arrangements for concrete 19:30Hrs-5:30Hrs Left wall Arrangement for concrete 7:30Hrs-17:30Hrs Fixing of concrete pipes 7:30-17:30Hrs Right wall Fixing of scaffolding and formwork 7:30-17:30Hrs Fixing of scaffolding and formwork 19:30-6:30Hrs Coffer dyke between DTA & DTB El. 771-774 Fixing of formwork 3rd lift 7:30-17:30Hrs Fixing of formwork 3rd lift 19:30-2:30Hrs No Work 2:30Hrs-5:30Hrs Part -1 Right wall Fixing of formwork 7:30-17:30 Fixing of formwork 19:30-23:00Hrs Part-4 Right and left wall Arrangement for pouring of concrete 23:00-3:00Hrs Pouring of concrete 3:00-7:00Hrs In-progress 7th lift Fixing of steel stirrups ,welding and cleaning work 7:30-17:30 Fixing of steel stirrups ,welding and cleaning work 19:30-6:30Hrs	Top slab Arrangement for concrete pouring 7:30-17:30Hrs Transition Parts Fixing of steel and Shifting of steel by crane 7:30-17:30Hrs Fixing of reinforcement 19:30-5:30Hrs Transition Part 4 Right + Left Wall Arrangement for concrete 7:30-17:30Hrs Left wall K0+002.3-0-033 Arrangement for concrete 7:30-12:00Hrs Pouring of concrete 13:10-3:35Hrs (243m3) Right wall Fixing of scaffolding and formwork 7:30-17:30Hrs Fixing of Scaffolding 19:30-5:30Hrs Coffer dyke between DTA & DTB El. 771-774 3rd lift Fixing of formwork and scaffolding 7:30-17:30Hrs Arrangement for pouring 19:30-4:20Hrs Part -1 Right wall Fixing of formwork 7:30-17:30Hrs Part-4 Right and left wall Arrangement for pouring of concrete 23:00-3:00Hrs Pouring of concrete 7:00-10:45Hrs Total quantity (168m3) 7th lift Fixing of steel stirrups ,welding and cleaning work 7:30-17:30Hrs Fixing of steel stirrups ,welding and cleaning work 19:30-5:30Hrs	Top slab Arrangement for concrete pouring 7:30-17:30Hrs Transition Parts Fixing of steel and shifting of steel by crane 7:30-17:30 Shifting of steel and fixing of reinforcement 19:30-5:30Hrs Transition Part 4 Right + Left Wall Arrangement for concrete 7:30-17:30Hrs Left wall K0+002.3-0-033 Chipping of concrete 7:30-17:30Hrs Cleaning 19:30-5:30Hrs Right wall Fixing of scaffolding and formwork 7:30-17:30Hrs Fixing of scaffolding and fixing steel stirrups 19:30-5:30Hrs Coffer dyke between DTA & DTB El. 771-774 3rd lift Arrangement for pouring 7:30-16:20Hrs Pouring of concrete 16:25-2:25Hrs (Qty 139m3) Part -1 Right wall Fixing of formwork 7:30-17:30Hrs Part-4 Right and left wall Curing and chipping 7:30-17:30Hrs 7th lift Fixing of steel stirrups ,welding and cleaning work 7:30-17:30Hrs Fixing of steel stirrups 19:30-5:30Hrs	Top slab Transition Parts Fixing steel and formwork 7:30-15:00Hrs Transition Part 4 Right + Left Wall K0+002.3-0-033 Middle Pier Fixing formwork 7:30-15:00Hrs Coffer dyke between DTA & DTB El. 771-774 Removal of scaffolding and formwork 7:30-15:00Hrs No work (Due to snow falling and bad weather) 15:00-7:00Hrs Part -1 Walls fixing of steel and welding of tie bars for formwork 7:30-17:00Hrs No work 7:30-17:00Hrs Part-4 Right and left wall 7th lift Fixing of formwork and chipping of surface for next pour 7:30-17:00Hrs Concrete repairing work 7:30-14:00Hrs Formwork work adjustment 20:00-5:00Hrs	Top slab No work due to heavy rain and snow 7:30-7:30hr. Transition Parts No work due to heavy rain and snow 7:30-7:30hr. Transition Part 4 Right + Left Wall No work due to heavy rain and snow 7:30-7:30hr. Left wall K0+002.3-0-033 No work due to heavy rain and snow 7:30-7:30hr. Right wall No work due to heavy rain and snow 7:30-7:30hr. Coffer dyke between DTA & DTB El. 771-774 No work due to heavy rain and snow 7:30-19:30hr. Removing formwork and installation of formwork 19:30-5:30hr. Part -1 Right wall No work due to heavy rain and snow 7:30-7:30hr. Part-4 Right and left wall No work due to heavy rain and snow 7:30-7:30hr. 7th lift No work due to heavy rain and snow 7:30-7:30hr.

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Diversion Tunnel A UNDER GROUND	<p>INVERT No work (lack of resources) 7:30-7:00Hrs Downstream Right Wall K1+384-1+388 Mucking and excavation 8:00Hrs-12:00Hrs K1+388- Survey for blast 12:30-13:15Hrs Drilling for blast 13:35-16:25Hrs Charging 16:35-17:30 Blast 17:40Hrs Mucking and excavation 19:30-2:00Hrs K1+173-1+390 Drilling for Blast 2:50-4:50Hrs charging for blast 4:50Hrs-5:50Hrs Blast 6:15Hrs K1+444-1+472 Right wall Installation of steel girder and welding works 8:00-17:30 Fixing of scaffolding 7:30-17:30 Fixing of scaffolding and formwork and welding work 19:30-6:30Hrs K0+933-0+945 Concrete surface finishing 7:30-17:30 Concrete surface finishing 19:30Hrs K0+945-0+957 Invert surface cleaning 19:30-21:50 Waiting for concrete 21:50-00:30Hrs Pouring of concrete 00:30-3:00Hrs (Qty 131m3) Surface finishing 3:30-05:30Hrs</p>	<p>INVERT K0+357-0+345 Surface cleaning for invert concrete 7:30-13:00Hrs Pouring concrete allowed at 13:20Hrs Pouring of concrete 16:40-22:00Hrs Total Qty= (126m3) Surface finishing 22:00-4:00Hrs K0+333-0+280 Cleaning of sludge 20:00-4:00Hrs Downstream Right Wall K1+373-1+390 Excavation and mucking 7:30-17:30Hrs K1+430- Drilling for blast 20:35-5:00Hrs Right side center K1+430- Drilling for blast 20:30-00:30Hrs Drilling stop due to invert concrete 00:30-4:30Hrs K1+444-1+472 Right wall Fixing of scaffolding 7:30-17:30Hrs Fixing of Scaffolding and welding works 19:30-5:30Hrs K0+945-0+957 Concrete surface finishing 7:30-17:30Hrs K0+957-K0+969 Left Side Arrangement for pouring of invert bedding concrete 7:30-13:30Hrs waiting for dumper 19:30-22:00Hrs Pouring of concrete 00:00-3:50Hrs (Qty128m3)</p>	<p>INVERT K0+357-0+345 Surface finishing 7:30-17:30Hrs K0+369-0+357 Right side Arrangement for pouring concrete 22:30-23:00Hrs Pouring of concrete 4:10-6:00Hrs.....continue (Qty 102m3) Downstream Excavation and mucking 7:30-17:30Hrs Right side center K1+430- Drilling for blast 7:30Hrs-9:30Hrs Charging for blast 9:30-12:20Hrs Blast 12:20Hrs Excavation and mucking 13:30-18:00Hrs K1+434-Right wall Survey for blast 20:00-20:30Hrs Drilling for blast 22:00-23:00Hrs Charging for blast 23:30Hrs-00:30Hrs Blast 00:45Hrs (Explosive 75kg used) K1+440-Right wall Excavation and mucking 20:00Hrs-5:00Hrs K1+444-1+472 Right wall Fixing of scaffolding 7:30-17:30Hrs K0+957-K0+969 Left Side Concrete surface finishing 7:30-15:30Hrs K0+969-0+981 Left Side Arrangement for pouring 23:20Hrs-4:10Hrs (Qty 137m3) K1+320-1+360 Right side Invert rock surface cleaning for lean 19:30-5:00Hrs</p>	<p>Downstream Invert Concrete Left Side K0+969-0+981 Surface finishing on invert concrete 7:30-15:00Hrs K0+993-K1+005 K1+017-K1+029 Lean surface cleaning and arranging of formwork blocks 7:30-17:00Hrs K0+993-K1+005 Pouring of invert concrete (130m3) 00:58-5:20Hrs Lean Concrete Right side K1+320-K1+360 Invert rock surface cleaning 7:30-17:00Hrs Removing of under breaks with jack-hammer 9:30-14:00Hrs Invert rock surface cleaning 19:30-5:00Hrs K1+415- Right wall 4th lift Drilling for blast 9:00-10:20Hrs Charging 10:30-11:10Hrs Blast 12:04Hrs Mucking 1:30-6:00Hrs Outlet (walls support work) K1+444-1+470 Right Wall Removing of scaffolding 7:30-15:00Hrs No work 15:00-7:00Hrs</p>	<p>INVERT K0+357-0+345 Surface finishing 7:30-17:30Hrs K0+369-0+381 Right side Dewatering 7:30-11:30hr. Downstream K0+993-K1+005 L/S Surface finishing of invert concrete 7:30-00:30hr. K0+981-0+993 L/S Cleaning and dewatering for invert concrete 7:30-00:30hr. Pouring of invert 1m concrete 00:58-05:20hr Qty 144m3. K1+017-K1+029 L/S Cleaning and dewatering for invert concrete 15:00-17:30hr. K1+320-K1+360 R/S Removing sludge and dewatering 7:30-05:30hr. K1+340-K1+350 R/S Breakdown stone by jackhammer 09:00-12:00hr. K1+320-K1+360 Breaking stone with jackhammer 23:30-05:30hr. K1+410-K1+430 R/S Excavation and mucking 9:00-17:30hr. K1+410-K1+420 Center Drilling for blast 21:50-23:50hr. Charging for blast and blast done 23:50-01:30hr. Excavation and mucking 02:00-04:00hr.</p>
Diversion Tunnel B Inlet Portal	<p>Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30 Fixing of scaffolding 19:30Hrs- Coffer Dyke Drilling for blast 7:30-10:30Hrs Charging for blast 10:30-13:00Hrs Blast 1:03Hrs Explosive 175Kg Excavation 13:15-17:00Hrs Excavation 19:30-6:30Hrs</p>	<p>Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Excavation and loading 7:30-17:30Hrs Excavation 20:00-5:00Hrs</p>	<p>Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Excavation and loading 7:30-17:30 Excavation and loading 19:30-23:00Hrs Drilling for blast 00:00Hrs-5:00Hrs</p>	<p>Dyke Excavation and mucking 8:00-17:30Hrs Drilling for blast 13:00-17:30Hrs Drilling for blast 21:30-2:30Hrs Cr1 Road Repairing 8:30-15:30Hrs</p>	<p>Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Drilling for blast 7:30-11:00hr. Charging for blast 11:00-11:48hr. Blast 12:25hr. Mucking and loading 1:00-00:00hr. Drilling for blast 00:30-05:30hr.</p>
Diversion Tunnel B UNDER GROUND	<p>Downstream K1+076-1+272 Invert surface cleaning mud material 7:30-17:30Hrs Invert surface cleaning mud material 19:30-6:30Hrs</p>	<p>Downstream K1+272- Invert surface cleaning mud material 7:30-17:30Hrs K1+055-1+074 Invert concrete surface cleaning 20:00-5:00Hrs</p>	No work	No work	No work
STARTER DAM LEFT BANK	No work	No work	No work	No work	No work
STARTER DAM RIGHT BANK	<p>Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Drilling for cut off wall 19:30-5:30Hrs</p>	<p>Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Phase-II Drilling for cut off wall 19:30-5:30Hrs Slot 2 (Holes No, 2B3) Slot 2 (Holes No, 4B5) Slot 3 (Holes No, 1) Slot 3 (Holes No, 4B5) Slot 4 (Holes No, 2) Slot 5 (Holes No, 3,5)</p>	<p>Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Phase-II Drilling for cut off wall 19:30-5:30Hrs Slot 2 (Holes No, 2,5) Slot 3 (Holes No, 2,5) Slot 4 (Holes No, 2) Slot 5 (Holes No, 2,4)</p>	<p>Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 20:00-6:00Hrs Drilling for core 12:30-17:30Hrs Drilling for core 20:30-6:00Hrs Dumping material 12:00-17:30Hrs</p>	<p>Cut off wall Phase-II Drilling for cut off wall 07:30-18:00Hrs Phase-II Drilling for cut off wall 07:30-5:30Hrs Slot 2 (Holes No, 2,4) Slot 3 (Holes No, 2,5) Slot 5 (Holes No, 2,4)</p>
Right Bank Diversion Inlet & Outlet	<p>EL.782-787 K0+28.5-0+30.5 Charging for blast 7:30-9:20Hrs Blast 9:30Hrs Mucking and scaling 9:30-17:30Hrs Arrangement for shotcrete 19:30-20:30Hrs waiting for shotcrete 20:30-23:30Hrs Sprayed 1st layer shotcrete 23:30-00:00Hrs (Qty 10m3) K0+31 Survey for blast 00:00-00:50Hrs Drilling for blast 2:00-05:00Hrs No work 5:00-7:00Hrs</p>	<p>K0+025-0+027 Drilling for rock bolts 8:00-10:45Hrs Arrangement for grouting 21:30-23:00Hrs Grouting for rock bolt 23:00-1:00Hrs (4pcs grouted 3pcs rejected and 2pcs collapse) K0+031- Charging for blast 11:00-12:30 Blast 12:40 Mucking 13:00-14:30Hrs Drilling for additional blast 15:00-16:30Hrs Charging for blast 16:30-17:00Hrs Blast 17:10Hrs Excavation 17:30-18:00Hrs Excavation 19:30-21:30Hrs Arrangement for 1st layer shotcrete 4:00-4:30Hrs K0+575 EL. 785-779 Excavation and invert leveling 7:30-11:00Hrs No work 11:00-22:30Hrs(Due to lack of resources) Drilling for rock bolt 22:30-5:00Hrs</p>	<p>K0+025-0+029 Arrangement for grouting 9:00-9:30Hrs Grouting for rock bolts 9:30-13:30Hrs K0+032- Invert leveling 7:30-9:00Hrs Drilling for blast 14:00-16:30Hrs Charging for blast 16:30-17:10Hrs Blast 17:20Hrs Excavation 19:30-23:00Hrs No work 23:00Hrs-4:00Hrs Drilling for blast 4:00Hrs-5:30Hrs K0+575 EL. 785-779 Drilling for rock bolt 9:00Hrs-13:30Hrs Dumping of material 9:00-15:00Hrs No work 19:30-23:00Hrs Grouting for rock bolt 00:30Hrs-1:30Hrs (8pcs grouted)</p>	<p>K0+032- No activity due to lack of resources 7:30-12:00Hrs Scaling and invert leveling 12:00-17:00Hrs Drilling for blasting 22:00-23:30Hrs No work 23:30-7:00Hrs K0+575 EL. 785-779 Arrangement and repairing of grouting machine 8:00-15:00Hrs Grouting not started due to rain 15:00-17:30Hrs No activity due to lack of resources 19:30-7:00Hrs</p>	<p>K0+025-0+029 Arrangement for grouting 9:00-9:30Hrs Grouting for rock bolts 9:30-13:30Hrs K0+030- Excavation 08:30-9:15hr. Charging for invert blast 13:45-14:15hr. Blast 14:20hr. Excavation and mucking 20:00-21:00hr. K0+032- Drilling for blast 22:00-03:30hr. K0+575 EL. 785-779 no work due to shortage of labor 7:30-7:30hr.</p>

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Adit 3 - 2 & 3-1	Plug 07 Removing of formwork 7:30-17:30 No activity 19:30-7:00	K0+130-0+150 Arrangement of shotcrete 8:30-9:00Hrs Spraying shotcrete on rock surface 9:10-12:30Hrs (Qty 24m3) K0+116-0+147 Drilling for rock bolts 12:00-17:30Hrs Drilling for rock bolts 20:00-21:30Hrs Arrangement for grouting 3:40-4:20Hrs Grouting for rock bolts 32 no's Grouted 4:20-5:30Hrs K0+140-0+155 Arrangement for 1st layer shotcrete 21:00-21:30Hrs Spraying 1st layer shotcrete 21:30-00:45Hrs (Qty 24m3) No work 1:30-7:00Hrs K0+156-K0+153 Mucking and scaling 7:30-11:00Hrs No work 19:30-5:30Hrs Plug 07 Welding for formwork 7:30-17:30Hrs K0+228.30-0+232.30 Arrangement for cavity grouting 00:20-1:00Hrs Cavity grouting 1:00-6:45Hrs	K0+116-0+147 Arrangement for grouting 7:30Hrs-8:00Hrs Grouting for rock bolts 8:00Hrs-18:00Hrs 90Pcs Installed Grouting and installation of rock bolts 19:30- 1:30Hrs (100pcs Grouted Plug 07 No work	K0+140-0+184 Grouting and installation of rock bolts (58 Nos) 8:30-14:30Hrs leveling of surface and compacting 14:30-16:30Hrs No work 16:30-7:00Hrs Plug 07 No work	No work 7:00Hrs-7:00Hrs
Traffic Diversion Tunnel	K0+941-0+944 Drilling for blast 7:30-12:00Hrs Charging 12:00-13:20 Blast and ventilation 13:20-14:00Hrs Mucking 14:00Hrs-17:30Hrs Shift change 17:30-19:30Hrs Mucking and scaling 19:30-20:30Hrs K0+942-0+945 Survey and demarcation for additional blast 20:30-21:10Hrs Arrangement for drilling 21:10-22:30Hrs Drilling for blast 22:30-3:40Hrs Charging for blast 3:40-4:36Hrs Blast and ventilation 4:36-5:10Hrs Shift change 5:10-7:0Hrs No work due to lack of resources 7:00-14:00Hrs K1+338- Arrangement for shotcrete B/W steel arches 14:30-15:00Hrs Waiting for shotcrete 15:00Hrs-15:50Hrs Spraying 2nd layer of shotcrete 15:50-17:00Hrs (Qty16m3) K1+332- Drilling for blast 19:30-2:00Hrs Charging 2:20-04:55 Blast carried out 4:59Hrs Mucking 5:30-6:20Hrs	K0+942-0+945 No work 7:30-9:00Hrs (Due to lack of resources) Mucking and scaling 9:00-16:00Hrs K0+910- Right side niche Drilling for blast 16:00-18:00Hrs Shift change 18:00-19:50Hrs Drilling for blast 19:50-1:30Hrs Charging for blast 1:30-3:45Hrs Blast and ventilation 3:45-4:20Hrs Mucking and scaling 4:20Hrs-6:00Hrs Shift change 6:00-7:30Hrs K1+332- Mucking and scaling 8:00-14:20Hrs Mapping 14:30-15:00Hrs K1+327- Survey for blast 15:15-16:00Hrs Arrangement for drilling 16:00-17:30Hrs Drilling for blast 19:30-21:00Hrs Charging for blast 21:10-22:55Hrs Blast 23:00Hrs Mucking and scaling 23:40-2:30Hrs Scaling 2:30-3:10Hrs Arrangement for 1st layer shotcrete 3:10-4:20Hrs Spraying 1st layer shotcrete 4:25-5:30Hrs	K0+885.5-0+897.5 Right side niche Mucking and scaling 7:30-14:00Hrs K0+942-0+945 Mapping 14:00-15:00Hrs Arrangement and waiting for shotcrete 15:00-17:15Hrs 1st layer shotcrete sprayed 17:15-17:45Hrs (Qty 8m3) Shift change 17:45-19:30Hrs K0+885.5-0+897.5 Right side niche No work 19:30-21:10Hrs 1st layer shotcrete sprayed 21:10-23:30Hrs K0+880-0+900 Remedial shotcrete sprayed 23:30-00:00Hrs (Qty 8m3) Removing under break at niche 00:00-1:00Hrs K0+888- Fixing of wire mesh 00:20-5:30Hrs Shift change 5:30-7:30Hrs K1+332- Arrangement for shotcrete 7:30-9:00Hrs Remedial shotcrete 9:00-10:00Hrs K1+325- Arrangement for 1st layer shotcrete 23:30-00:30Hrs Spraying 1st layer shotcrete 00:30-1:20Hrs No work 2:00-7:00Hrs	K0+888-0+893 Fixing of wire mesh (13 pieces) 8:00-15:00Hrs K0+927.5-0+944 Demarcation for rock bolts 8:30-9:30Hrs No work (Lack of resources) Drilling for rock bolts 13:00-17:00Hrs Arrangement for grouting 20:30-23:10Hrs Grouting and installation of rock bolts (77 nos installed) 00:00-5:30Hrs K1+323- No work due to lack of resources 7:00-17:30 Survey for blast 22:00-22:30 Drilling for blast 23:00-3:00Hrs Charging for blast 3:10-4:30Hrs Blast 5:15Hrs	K0+943.8- Survey for blast 10:30-11:00hr. No work due to labor shortage 11:00-19:00hr. Drilling for blast 19:30-23:00hr. Charging for blast 23:00-00:00hr. Blast and ventilation 00:10-00:40hr. Mucking and excavation 01:00-05:30hr. K1+321- NO work due to labor shortage 7:30-19:00hr. Mucking scaling and leveling 19:30-00:00hr. No work due to labor shortage 00:00-05:30hr.
Cable crane foundation (Right Bank)	K0+092- Drilling for blast 8:30-17:30Hrs Base Elevation 1019.88 EL:1063- Drilling for rock dowels 8:00-17:30Hrs	Base Elevation 1019.88 EL:1059- No work 7:00-7:00Hrs	K0+50-0+78 Drilling for blast 8:00-16:00Hrs Base Elevation 1019.88 EL:1059-1055 Grouting of rock bolts 7:30-17:50Hrs 12 Pcs grouted.	K0+50-0+78 Excavation 8:00-17:30Hrs Base Elevation 1019.88 EL:1059-1055 Grouting of 10m rock bolts (14Nos) 8:30-14:45Hrs No work (Bad weather)15:00-7:00Hrs	K0+50-0+78 no work Base Elevation 1019.88 EL:1059-1055 no work
Uchar New Crushing plant	Crush plant area Stone masonry at retaining wall no-3 7:30-17:30 Batching plant area Welding for conveyor belt 7:30-17:30 No work from 23:00-7:00Hrs	Batching plant area Extend wall no 1, fixing formwork 7:30-17:30Hrs No work 17:30-7:00Hrs	Batching plant area Extend wall no 1, fixing concrete 7:30-17:30Hrs No work 19:30-7:00Hrs	Crush plant area Stone masonry at retaining wall no-3 7:30-15:00 Batching plant area Welding for conveyor belt 7:30-15:00 No work from 23:00-7:00Hrs	Batching plant area
Kass Camp	No work	No work	No work	No work	No work
CR-5-2 / LU-2	No work	No work	No work	No work	No work
DT-A & DT-B Outlet Outside	K0+156-K0+153 Mucking and scaling 7:30-17:00Hrs Mucking and scaling 19:30-23:00Hrs Drilling for blast 23:30Hrs-2:00Hrs Charging for blast 2:00Hrs-5:00Hrs Blast 6:20Hrs	Diversion channel DT-B Drilling for boulder blast 9:00-12:00Hrs Excavation 8:00-17:30Hrs Excavation 20:00-5:30Hrs	Diversion channel DT-B El.768-759.7 Charging for blast 10:00-12:00 Blast 12:22Hrs Excavation 13:00-17:30Hrs Excavation and loading 19:30-5:30Hrs	Diversion channel DT-B El.768-759.7 Excavation 8:00-16:00Hrs No work 19:00-7:00Hrs	Diversion channel DT-B El.768-759.7 no work labour shortage due to heavy rain and snow 7:30-7:30hr/
Siglo RCC Crush plant & Batching plan	Crush plant No. 2 K0+098-0+160 Pouring of lean concrete for foundation 11:00-16:30Hrs No work from 23:00-7:00Hrs	Crush plant No. 2 K0+160 - Excavation and leveling 7:30-17:30Hrs No work 19:30-7:00Hrs	Crush plant No. 2 Fixing of formwork for retaining wall 7:30-17:30Hrs excavation and leveling 7:30-17:30Hrs	Fixing of formwork for lean concrete 7:30-15:00Hrs	No work
Date/Day Location	11 Sat.	12 Sun.	13 Mon.	14 Tue.	15 Wed.

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Appendix K [10/36]

<p>Diversion Tunnel A INLET</p>	<p>Top slab Fixing of steel 7:30-17:30Hrs Fixing of formwork at middle pair 7:30-17:30Hrs. No work 19:00-7:00Hrs Transition Parts Shifting steel and scaffolding+ formwork 8:30-17:30Hrs. No work 19:00-7:00Hrs Transition Part Fixing of steel 7:30-17:30Hrs. Fixing of steel 19:30-5:00Hrs. Left wall K0+002.3-0-033 Fixing of steel at top slab 7:30-17:30Hrs. Formwork fixing 19:30-1:00Hrs Right wall Fixing of steel 7:30-17:30Hrs No work 19:00-7:00Hrs Coffer dyke between DTA & DTB El. 771-774 Installation of formwork and scaffolding 8:00-17:30Hrs No work 19:00-7:00Hrs Part -1 Right wall Fixing of steel and Welding work 7:30-17:30Hrs No work 19:00-7:00Hrs Part-4 Right and left wall Cleaning and arrangement for concrete 7:30-17:30Hrs No work 19:00-7:00Hrs</p>	<p>Top slab Fixing of reinforcement at top slab 7:30-5:30Hrs Fixing of formwork at middle pier 7:30-5:30Hrs Transition part Fixing of formwork and steel 7:30-5:30Hrs Right wall Fixing steel 7:30-5:30Hrs Shifting steel from outside to transition part 08:30-23:00Hrs Coffer dyke between DTA & DTB El. 771-774 Installation of formwork and scaffolding 8:00-17:30Hrs Installation of formwork and scaffolding 20:00-5:30Hrs Left wall Part 1. Fixing of steel 7:30-4:00Hrs Part-4 crown portion Fixing reinforcement and welding support bar 8:30-17:30Hrs</p>	<p>Top slab Fixing of reinforcement at top slab 7:30-5:30 Fixing of formwork at middle pier 7:30-5:30 Transition part Fixing of formwork and reinforcement 7:30-5:30 Shifting steel 7:30-17:30 Right wall Fixing of reinforcement 7:30-17:30 Coffer dyke between DTA & DTB El. 771-774 Installation of formwork and scaffolding 8:00-5:30Hrs Part-1 L+R Wall Fixing of reinforcement 7:30-5:30hr Part-4 Crown portion Fixing reinforcement and welding supporting bars 7:30-5:30hr</p>	<p>Top slab Fixing of reinforcement at top slab 7:30-17:30Hrs Fixing of reinforcement and support bar welding 19:30-5:30Hrs Transition part Fixing of formwork and reinforcement 7:30-17:30Hrs Shifting steel 7:30-17:30Hrs Fixing of reinforcement 19:30-5:30Hrs Right wall Fixing of reinforcement 7:30-17:30Hrs Arrangement for concrete 21:00-22:00Hrs Pouring of concrete 264m3 23:30-7:00Hrs In progress Coffer dyke between DTA & DTB El. 771-774 Installation of formwork and scaffolding 8:00-17:30Hrs Formwork fixing 19:30-5:30Hrs Part-1 L+R Wall Fixing of reinforcement and shifting 7:30-17:30Hrs No work 19:30-7:00Hrs Part-4 Crown portion Fixing reinforcement and welding supporting bars 07:30-17:30Hrs No work 19:30-7:00Hrs</p>	<p>Top slab Fixing of reinforcement at top slab 7:30-17:30Hrs No work (Dhc Ohs stop work due to safety issues) 19:00-7:00Hrs Transition part Arrangements for pouring 7:30-17:30Hrs Right wall Pouring of concrete 23:30-10:00Hrs Total Qty=312m3 Left wall Fixing of reinforcement 7:30-17:30Hrs Coffer dyke between DTA & DTB El. 771-774 Arrangement for concrete 8:00-17:30Hrs No work 19:00-7:00Hrs (Dhc Ohs stop work due to safety issues) Part-1 L+R Wall Fixing of reinforcement 7:30-17:30Hrs Part-4 El. 782-784.5 Arrangement for pouring 07:30-13:00Hrs Pouring of concrete 168m3 13:30-22:30Hrs Removing and washing of concrete pipes and machine 22:30-1:30Hrs No work 1:30-7:00Hrs</p>
<p>Diversion Tunnel A UNDER GROUND</p>	<p>INVERT K0+369-0+381 Right side Dewatering and cleaning for invert concrete 7:30-15:30Hrs. Cleaning for invert concrete 19:30-22:50Hrs. Pouring of invert concrete 22:50-1:30Hrs (Qty 120m3) Surface finishing 1:50-5:30Hrs Downstream K1+005-1+017 Left Side Cleaning and washing of surface 7:30-14:30Hrs Pouring of invert concrete 14:45-17:40Hrs (Qty 134m3) Finishing of surface 19:30Hrs-5:30Hrs K1+017-1+041 Left Side Cleaning and washing for invert concrete 7:30-17:30Hrs K1+017-1+029 Left Side Cleaning of invert concrete 19:30-5:00Hrs K1+029-1+041 Left Side Cleaning of surface for invert 19:30-2:00Hrs Pouring of invert concrete 2:00-5:00Hrs (Qty 120m3) K1+320-K1+360 Right Side Removing sludge 7:30-17:30Hrs K1+415- Right Side Drilling for blast 14:00-15:00Hrs charging for blast 15:00-16:00Hrs(Exp qty 13kg) Blast carried out at 16:13Hrs Excavation and mucking 16:30-17:30Hrs K1+430- Right Side Drilling for blast 21:50-23:00Hrs charging for blast 23:00-23:55Hrs(Exp qty 50kg) Blast carried out at 00:08Hrs Mucking and excavation 00:30-2:00Hrs K1+435- Right Side Drilling for blast 2:30-4:00Hrs Charging and blast 4:00-5:00Hrs Blast 5:15Hrs (Qty 28kg) K1+320-K1+360 Removing of sludge 8:00-15:30Hrs Breaking stone with jackhammer 20:30-04:30Hrs K1+420-K1+430 R/S Excavation and mucking 8:00-14:30Hrs K1+444-K1+462 R/S Drilling for Rock bolts 9:00-11:00Hrs</p>	<p>INVERT K0+381-0+393 Right side Cleaning and washing for invert concrete 7:30-15:00Hrs Fixing of formwork for invert concrete 15:30-16:00Hrs No work 16:00-23:00Hrs. Arrangement for 1m concrete 2:00Hrs-2:30Hrs Pouring of concrete 3:10Hrs-6:15Hrs (Qty 121.5m3) K0+369-0+381 Surface finishing 7:30-20:30Hrs Downstream K1+005-1+017 L/S Surface finishing of invert concrete 7:30-17:30Hrs K1+029-k1+041 L/S Surface finishing of invert concrete 7:30-2:00Hrs K1+041-1+053 L/S surface cleaning and washing for invert concrete 7:30-20:30Hrs pouring of concrete 22:30-1:53Hrs (Qty 132m3) K1+017-1+029 L/S Pouring of concrete 15:40-21:40Hrs. (Qty 142m3) k1+320-k1+360 R/S Dewatering and cleaning sludge 7:30-17:30Hrs Cleaning of surface 20:00-3:00Hrs k1+434- R/S Excavation and mucking 8:00-23:00Hrs k1+455-k1+465 L/S First layer of shotcrete 10:00-11:00hr 8m3. K1+440-k1+445 Right wall Drilling for blast 21:30-23:00Hrs Charging for blast 23:30-1:00Hrs Blast 1:10Hrs Mucking and excavation 1:40-5:00Hrs K1+370-k1+430 Right wall Arrangement for 1st layer shotcrete 2:00Hrs-3:00Hrs Spraying 1st layer shotcrete 2:30Hrs-4:30Hrs</p>	<p>INVERT Right side K0+381-0+393 Right side Surface finishing of invert concrete 7:30-1:00 K0+405-0+417 Surface cleaning for invert bedding concrete 7:30-17:30 no work 17:30-23:00hr Surface cleaning 23:00-3:00Hrs Downstream K1+041-1+053 L/S Surface finishing of invert concrete 7:30-17:30 K1+017-1+029 L/S Surface finishing 7:30-17:30 Surface finishing of invert concrete 19:30-23:30Hrs K1+017-1+029 L/S Surface finishing 7:30-17:30 Surface finishing of invert concrete 19:30-23:00Hrs K1+320-1+360 R/S Cleaning of surface 7:30-17:00 Cleaning of surface for lean concrete 19:30-5:30Hrs K1+434- R/S Excavation and mucking 8:00-23:00Hrs. K1+440-K1+445 Right wall Excavation and mucking 7:30-17:30 K1+370-k1+430 Right wall Arrangement for 1st layer shotcrete 7:20-8:00Hrs Spraying 1st layer shotcrete 8:00Hrs-10:15 Drilling for rock bolt and anchor bar 19:00-00:50Hrs K1+065-K1+077 L/S Pouring of 1m invert concrete 14:15 - 21:00hr Qty 124m3. Surface finishing of invert concrete 21:00Hrs K1+089-K1+101 Pouring of invert 1m concrete allowed 21:30Hrs Pouring of 1m concrete 22:10Hrs-1:13Hrs (Qty 140m3) K1+450-K1+470 L/S Excavation 7:30-11:00hr. K1+470-K1+485 Center Drilling for blast 11:00-15:30hrs Charging for blast 15:30-17:10 Blast 17:25Hrs Mucking and excavation 3:00Hrs-5:00Hrs</p>	<p>INVERT Right side K0+381-0+393 Right side Surface finishing of invert concrete 7:30-15:00Hrs K0+405-0+393 Surface cleaning for invert bedding concrete 7:30-17:30Hrs Surface cleaning for invert bedding concrete 19:30-2:30Hrs Downstream K1+041-1+053 Left Side Surface finishing of invert concrete 7:30-16:00Hrs K1+065-1+053 Left Side Inver surface cleaning 7:30-16:10Hrs Pouring of 1m concrete 128m3 17:25-22:43Hrs Surface finishing 23:00-3:30Hrs K1+065-1+077 Left Side Invert surface finishing 7:30-17:30Hrs Removing of formwork 7:30-11:30Hrs K1+077-1+089 Left Side Lean surface cleaning for invert concrete 19:30-22:30Hrs Pouring of invert 1m concrete 132m3 2:58-5:57Hrs K1+089-1+101 Invert surface finishing 7:30-17:30Hrs K1+240-1+300 Left side Excavation and mucking 20:00-00:30 K1+320-1+360 Right Side Cleaning of invert surface for lean 7:30-17:00Hrs Cleaning of invert surface for lean 19:30-5:30Hrs K1+370-1+430 Right wall Arrangement for grouting of rock bolts 7:30-9:30Hrs Grouting of rock bolts 9:30-10:30Hrs (04 Pcs Grouted) Grouting stopped due to grout machine is not working properly 10:30-17:30Hrs K1+444-1+472 Left wall Removing of under break for fixing of steel girders 7:30-11:30Hrs Drilling for anchor bars 10:00-14:00Hrs Grouting of anchor bar 14:30-18:00Hrs (52pcs Grouted) Arrangement for anchor bar grouting 21:00-21:40Hrs Grouting for anchor bar 21:40-2:20Hrs (12 Nos grouted 1 hole missing and 1 collapsed) K1+440- Right Side Drilling for invert blast 19:30-6:30Hrs</p>	<p>INVERT K0+405-0+393 Right side Surface cleaning for invert bedding concrete and Arrangement 7:30-17:30Hrs Surface cleaning for invert bedding concrete and dewatering 19:30-2:00Hrs Downstream K1+101-1+113 Left Side Cleaning of lean surface for invert 1m 7:30-17:00Hrs Cleaning of lean surface for invert 1m 19:30-00:00Hrs K1+161-1+173 Cleaning of sludge 8:00-17:00Hrs Cleaning of surface 20:00-5:00Hrs K1+190- Left Side Excavation and loading 8:00-17:30Hrs K1+255- Left Side Invert drilling for blast 15:15-17:30Hrs Invert drilling for blast 20:00-00:00Hrs Charging and blast 5:40-6:40Hrs Blast 6:51Hrs K1+320-1+360 Right Side Cleaning of invert surface for lean 7:30-17:10Hrs Pouring of lean concrete 105m3 17:50-3:00Hrs K1+365-1+400 Left wall Drilling for rock bolt 19:30-3:00Hrs K1+444-1+472 Left wall Shifting steel guarder and installation 7:30-17:30Hrs Installation and welding of steel girder 19:30-5:30Hrs K1+440-1+460 Right wall Removing under breaks with jack-hammer 19:30-22:00Hrs K1+370-1+430 Right wall Arrangement for grouting 8:00-9:00Hrs Grouting stopped due machine break down K1+450-1+480 Excavation and mucking 15:00-17:00Hrs Excavation and mucking 19:30-5:30Hrs</p>
<p>Diversion Tunnel B Inlet Portal</p>	<p>Gate Slot Above Top Slab Fixing of scaffolding 7:30-17:30Hrs Coffer Dyke Drilling for blast 7:30-11:00Hrs</p>	<p>Gate Slot Above Top Slab no work Coffer Dyke Excavation and mucking 7:30-14:00Hrs</p>	<p>Gate Slot Above Top Slab No work Coffer Dyke Drilling for boulder blast 7:30Hrs-11:00Hrs</p>	<p>Gate Slot Above Top Slab No work Coffer Dyke Drilling for 2nd blast 7:30-11:30Hrs</p>	<p>Gate Slot Above Top Slab No work Coffer Dyke Excavation and dumping to Left side 7:30-17:30Hrs</p>

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	Charging for blast 11:00-11:48Hrs Blast 12:25hr. Mucking and loading 1:00-00:00Hrs Drilling for blast 00:30-05:30Hrs	Drilling for blast 7:30-13:00Hrs Charging for blast and blast 13:00-15:00Hrs Drilling for blast 21:00-5:00Hrs	Charging for blast and blast 12:00-13:55Hrs Excavation and mucking 14:00-17:30hr. Excavation and mucking 23:00-5:00hr. Drilling for blast 19:30-5:00Hrs	Charging for 2nd blast and blast 8:30-12:09Hrs Excavation 12:30- Charging for 3rd blast 13:45-17:45Hrs Blast 17:48Hrs (Explosive 592kg) Excavation 19:30-6:00Hrs Drilling for bolder blast 21:30-23:30Hrs	Excavation and dumping to Left side 19:30Hrs-
Diversion Tunnel B UNDER GROUND	Drilling for blast 7:30-17:30Hrs Drilling for blast 20:00-6:00Hrs	No work			
STARTER DAM LEFT BANK	No work	No work	No work	No work 7:00-19:30Hrs Dumping 20:00-6:00Hrs	No work 7:00-19:30Hrs Dumping 20:00-6:00Hrs
STARTER DAM RIGHT BANK	Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Phase-II Drilling for cut off wall 7:30-7:00Hrs Slot 5 (Holes No 5)	Cut off wall Phase-II Drilling for cut off wall 7:30-18:00Hrs Phase-II Drilling for cut off wall 7:30-5:30Hrs Slot 1 (Holes No, 3) Slot 2 (Holes No, 1,5) Slot 3 (Holes No, 2) Slot 5 (Holes No 1,5)	Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:00-5:30Hrs	Cut off wall Phase-II Drilling for cut off wall 7:30-19:30Hrs Drilling for cut off wall 19:30-6:30Hrs Dumping 20:00-6:00Hrs	Cut off wall Phase-II Drilling for cut off wall 7:30-19:30Hrs Dumping 7:30-17:30Hrs Drilling for cut off wall 19:30-6:00Hrs
Right Bank Diversion Inlet & Outlet	K0+025-0+029 Grouting for rock bolts 9:00-12:45Hrs (17pcs grouted) K0+032- Charging for blast 14:15-17:10Hrs Blast 17:15Hrs Mucking and scaling 19:30-1:30Hrs Additional charging 1:30-1:50Hrs Blast 1:55Hrs Mucking and scaling 2:30-5:00Hrs K0+575 EL. 785-779 Arrangement for grouting 8:00Hrs-9:00Hrs Grouting for rock bolt 10:30Hrs-16:45Hrs (23pcs grouted) No work due to grouting machine breakdown 19:00-5:30Hrs	K0+032- No work due to crane accident on access road. 7:00-23:00Hrs 1st layer shotcrete 23:30-00:20Hrs (Qty 6m3) K0+034- Drilling for blast 4:00-5:30Hrs K0+575 EL. 785-779 Arrangement for grouting 20:00-21:00Hrs Grouting for rock bolt 21:00-23:50Hrs (13pcs grouted) No work 00:00-7:00Hrs	K0+035- No work (Drilling machine malfunction) 7:00-17:30Hrs Drilling for blast 20:00- 1:00Hrs Charging for blast 1:15-3:00Hrs Blast 3:20Hrs Mucking 4:00-5:30Hrs K0+575 EL. 785-779 No work 7:00-12:30Hrs Arrangement for shotcrete 12:30-13:30Hrs 2nd Layer of shotcrete sprayed 13:30-16:10Hrs 16m3 No activity 16:10-17:30Hrs Drilling for blast 3:00-5:20Hrs	K0+035-0+37 Mucking and scaling 7:40-11:00Hrs Spraying 1st layer shotcrete 14:00-14:30Hrs (Qty 6m3) No work 15:00-22:30Hrs K0+029-0+37 Drilling for rock bolts 22:30-3:30Hrs No work 3:30-7:00Hrs K0+528 Charging for blast 8:30-10:10Hrs Blast 10:20Hrs Excavation 11:45-12:50 K0+525.5 Drilling for blast 14:20-17:00Hrs Drilling for blast 21:00-22:00Hrs Charging for blast 23:50-1:20Hrs Blast 1:48Hrs Excavation 2:20-5:30Hrs	K0+029-0+37 Arrangement for grouting 7:30-8:30Hrs Grouting and installation of rock dowels 8:30-15:30Hrs (67pcs grouted and 16pcs collapse) K0+37- Arrangement drilling for blast 20:30-21:10Hrs Drilling for blasting 22:30-2:40Hrs No work 3:00-7:00Hrs K0+525.5 Drilling for blast 11:30-17:00Hrs Charging for blast 23:00-01:10Hrs Blast 1:21Hrs Mucking and scaling 23:00-5:00Hrs
ADIT 3-2	K0+180-0+150 Remedial shotcrete 14:22-17:30Hrs (Qty 32m3) Remedial shotcrete 23:05-3:30Hrs (Qty 48m3)	K0+116-0+147 No work tunnel completed 7:00-7:00Hrs			
DT-A & DT-B Outlet Outside	Diversion channel DT-B EI.768-759.7 no work labor shortage due to heavy rain and snow 7:30-7:30Hrs	Diversion channel DT-B EI.768-759.7 No work labor shortage due to heavy rain and snow 7:30-7:30Hrs	Diversion channel DT-B EI.768-759.7 No work	Shifting of formwork and scaffolding pipes 19:30-4:30Hrs	Shifting of formwork and scaffolding pipes 7:30-15:30Hrs No work 15:30-7:00Hrs
Traffic Diversion Tunnel	K0+943.8- Scaling 8:00-9:00Hrs K0+946.4- Survey for blast 10:30-11:00hr. No work due to labor shortage 11:00-19:00hr. Drilling for blast 14:00-17:30hr. Charging for blast 17:30-19:00hr. Blast and ventilation 19:17-19:45hr. Mucking and excavation 21:00-2:00hr. K0+949- Survey for blast 3:00:30Hrs Drilling for blast 4:30-5:30Hrs K1+321-1+332 NO work due to labor shortage 7:30-19:00hr. Arrangement for grouting 19:30-22:00Hrs Grouting for rock bolt 22:30-2:20Hrs (Qty 80pcs grouted)	K0+949-0+951.8 Drilling for blast 7:30-9:30Hrs Charging for blast 9:30-11:15Hrs Blast and ventilation 11:15-13:00Hrs Mucking and scaling 13:00-17:30Hrs Shift change 17:30-19:30Hrs Mucking and scaling 19:30-22:30Hrs Waiting for surveyors 22:30-22:45 K0+951.8-0+955 Survey for blast 22:45-23:25Hrs Waiting for drill jumbo 23:25-3:30Hrs Drilling for blast 3:30-5:30Hrs Shift change 5:30-7:30Hrs K1+320- Drilling for blast 9:00-14:00Hrs Charging for blast 15:00-17:30Hrs Blast 17:35Hrs Mucking and scaling 19:30-22:00 K1+317- Survey for blast 1:00-1:30Hrs Drilling for blast by manpower 2:15-5:30Hrs Charging 5:30-7:00Hrs	K0+951.8 Arrangement for drilling 7:30-8:30 Drilling for blast 8:30-10:45 Charging for blast 11:00-12:45Hrs Blast and ventilation 12:55-13:30 Mucking and excavation 13:30-17:30 Mucking and excavation 19:30-2:00Hrs Mapping (Q Value 1.46) 2:00-2:30Hrs Installation of thickness pin 3:30-4:20Hrs Arrangement for 1st layer shotcrete 4:20-5:00Hrs Spraying 1st layer shotcrete 5:20-6:00Hrs K1+320-K1+317 Additional blast. 8:30 Mucking and scaling 10:00-13:30hr. Arrangement for shotcrete 13:30-14:00hr. First layer of shotcrete 14:00-16:00hr. 4m3. No work 16:00-17:30 K1+314- Drilling for blast 17:30-21:00hr. Charging for blast 21:00-22:20Hrs Blast 22:30Hrs Mucking and scaling 23:10-5:00Hrs K1+311- Survey for blast 5:10-5:40Hrs	K0+885-0+897 Arrangement for 2nd layer shotcrete 8:00-8:50Hrs Spraying 2nd layer shotcrete 9:00-11:00Hrs Note: During spraying of shotcrete wire mesh detached from crown as it was not properly fixed. K0+897- Fixing of wire mesh 12:30-17:30Hrs K0+944-0+954 Demarcation for rock bolt 15:50-16:30Hrs Drilling for rock bolt 16:30-17:30Hrs Drilling for rock bolt 19:30-1:30Hrs K0+954.8 Survey and demarcation for drilling 1:30-2:00Hrs Drilling for blast 3:00-6:20Hrs K1+311.5- Drilling for blast 7:30-9:30Hrs Charging for blast 9:30-10:25Hrs Blast 10:35Hrs Mucking and scaling 11:00Hrs-14:30Hrs Scaling 14:30Hrs-15:30Hrs Mapping (Q value 0.23) 3:50Hrs-16:15Hrs K1+309 Drilling for blast 21:30-1:40Hrs Charging 1:50-4:20Hrs Blast 4:28Hrs Mucking and scaling 4:50-6:00Hrs	K0+942-0+953 Drilling for rock bolts 7:30-11:00Hrs No work 11:00-19:30 (due to lack of resources) Arrangement for grouting 19:30-20:30 Grouting of rock bolts 20:30-1:00 K0+955-0+958 Charging for blast 1:00-3:55Hrs Blast and ventilation 3:55-4:30Hrs Mucking 4:30-6:00Hrs Shift change 6:00-7:30Hrs K1+309 Arrangement for 1st layer of shotcrete 8:00-9:30Hrs Spraying a layer of shotcrete 9:30-11:00Hrs K1+306- Survey for blast 11:30-12:00Hrs No work 12:00-13:00Hrs Drilling for blast 14:00-16:00Hrs Charging for blast 16:00-17:25Hrs Blast 17:30Hrs Mucking and scaling 19:30-1:50Hrs Arrangement for shotcrete 2:20-3:00Hrs 1st layer shotcrete sprayed 8m3 4:30-5:10Hrs No work 5:30-7:00Hrs
Cable crane foundation (Right Bank)	K0+50-0+78 no work Base Elevation 1019.88 EL:1059-1055 no work	K0+50-0+78 no work Base Elevation 1019.88 EL:1059-1055 no work	K0+090 no work 7:00-12:00Hrs Drilling for blast 12:00-18:00Hrs Base Elevation 1019.88 EL:1059-1055	K0+090 Drilling for blast 13:00-18:00Hrs Base Elevation 1019.88 EL:1055- Excavation 8:00-15:30Hrs	K0+078-82 Charging for blasting 9:00-10:00Hrs Blast 10:45Hrs Excavation 11:00-17:30Hrs

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Appendix K [12/36]

			Arrangement for grouting 7:30-10:00Hrs Grouting for 10m rock bolts 10:10-16:10Hrs (12 Holes grouted and from 1 hole grout did not returned through vent pipe)		Base Elevation 1019.88 EL:1055- Excavation 8:10-17:30Hrs
Uchar New Crushing plant	Batching plant area No work	Batching plant area No work	Block masonry work at generator room boundary wall 7:30-17:30Hrs Plaster work at batching plant area 7:30-17:30Hrs Water line fixing 7:30-17:30Hrs No work 19:00-7:00Hrs		Batching plant Assembling of cement silo foundation Fixing of fabricated fence 8:00-17:00Hrs Welding work 8:00-17:00Hrs Fixing of conveyor belt 8:00-17:00Hrs Excavation and leveling 8:00-17:00Hrs No work 19:30-5:30Hrs
Kass Camp	No work	No work	No work	No work	No work
CR-5-2 / LU-2	No work	No work	No work	No work	No work
Siglo RCC Batching plant No. 2	No work (Lack of resources)	Crush plant No. 2 No work	K0+078-0+098 Fixing of formwork for lean concrete 7:30-17:30Hrs leveling 7:30-17:30Hrs	K0+078-0+098 Excavation 7:30-17:30Hrs	Fencing work 7:30-17:30Hrs
Date/Day Location	16 Thu.	17 Fri.	18 Sat.	19 Sun.	20 Mon.
Diversion Tunnel A INLET	Transition part Fixing reinforcements and formwork 7:30-17:30Hrs Fixing reinforcements 19:30-5:30Hrs Top slab Fixing of reinforcement and formwork at top slab 7:30-17:30Hrs Fixing of reinforcement 19:30-5:30Hrs Middle pair Arrangement for pouring 7:30-15:00Hrs Pouring of concrete C-25 272m3 15:05-2:15Hrs Coffer dyke between DTA & DTB El. 781-783 No work 7:30-2:30Hrs Pouring of concrete C-15 2:30-7:00Hrs Part-1 L+R Wall Fixing of scaffolding 7:30-17:30Hrs Part-4 Cleaning and fixing steel stirrups 7:30-17:30Hrs Fixing of steel 19:30-5:30Hrs	Transition part Fixing reinforcements 7:30-17:30Hrs Fixing reinforcements 19:30-5:30Hrs Top slab Fixing of reinforcement 7:30-5:30Hrs Middle pair Cleaning and chipping 7:30-17:30Hrs Cleaning and chipping 19:30-5:30Hrs Right wall Steel shifting 7:30-10:00Hrs Fixing of reinforcements 10:00-17:30Hrs Coffer dyke between DTA & DTB El. 781-783 Pouring of concrete C-15 20:45-00:00Hrs (total 192m3 for this lift) Part-1 L+R Wall Fixing of scaffolding 7:30-17:30Hrs No work 19:30-Part-4 Fixing of reinforcements and welding works 7:30-17:30Hrs No work 19:30-	Transition part Fixing reinforcements 7:30-17:30Hrs Cleaning formwork and wall surface for concrete 19:30-00:30Hrs Top slab Fixing of reinforcement 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs Middle pair Fixing of reinforcements 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs Coffer dyke between DTA & DTB El. 781-783 Removing of formwork 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs Part-1 L+R Wall Fixing of scaffolding and steel 7:30-17:30Hrs No work 19:30-7:00Hrs Part-4 Arrangement for pouring 8:30-17:30Hrs Pouring of concrete 136m3 21:00-2:40Hrs No work 3:00-7:00Hrs	Transition part Top slab Fixing of reinforcement 7:30-17:30Hrs Arrangement for concrete 19:30-00:30Hrs Pouring of concrete 1:40-7:00 184m3 Hrs In-progress Middle pair Fixing of reinforcements 7:30-17:30Hrs No work 19:00-7:00Hrs Coffer dyke between DTA & DTB El. 781-783 Removing of formwork 7:30-17:30Hrs Part-1 L+R Wall Fixing of scaffolding and steel 7:30-17:30Hrs Part-4 Cleaning 7:30-17:30Hrs Fixing of Steel reinforcement 19:30-5:30Hrs	Transition part Top slab Pouring of concrete 7:00-7:00 Hrs In-progress Top slab part-3 Fixing of reinforcements 7:30-17:30Hrs No work 19:30-7:00Hrs Coffer dyke between DTA & DTB El. 781-783 Removing of formwork 7:30-17:30Hrs No work 19:30-7:00Hrs Part-1 L+R Wall Fixing of reinforcement 7:30Hrs-17:30Hrs No work 19:30-7:00Hrs Part 4 Left and Right wall Fixing of steel at crown and removing of formwork on walls 19:30-5:15Hrs
Diversion Tunnel A UNDER GROUND	INVERT K0+405-0+393 Right side Surface cleaning for invert bedding concrete and dewatering 7:30-17:30Hrs No work 19:30-7:00Hrs Downstream K1+101-1+113 Left Side Arrangement for concrete 00:40-1:30Hrs Pouring of invert 1m concrete 134m3 1:30-5:45Hrs K1+173-1+210 Left Side Cleaning of sludge 8:00-17:30Hrs Cleaning of sludge and loading of waste material 19:30-5:30Hrs K1+253- Left wall Removing undercuts with jackhammer and cleaning of loose material 19:30-5:30Hrs K1+370-1+410 Right wall Arrangement for grouting 20:00Hrs-20:40Hrs Grouting for rock bolt (85 Nos grouted) 20:45-4:00Hrs K1+444-1+472 Left wall Installation and welding of steel girder 7:30-17:30Hrs Drilling for rock bolt 19:30-4:30Hrs	K+100- Cleaning of invert surface 20:00-3:20Hrs INVERT K0+405-0+393 Right side Dewatering 7:30-10:00Hrs Pouring of invert 1m height concrete 132m3 10:10-14:35Hrs Surface Finishing 20:00-4:20Hrs Downstream K1+101-1+113 Left Side Surface finishing 7:30-17:30Hrs Surface finishing 20:00-23:20Hrs K1+113-1+125 Left Side Cleaning of lean surface for invert bedding concrete 7:30-14:00Hrs Pouring of 1m concrete 126m3 14:45-20:40Hrs K1+180-1+210 Left wall Cleaning of surface 19:30-5:30Hrs K1+253-1+295 Left side Cleaning of rock surface for lean and excavation with jack hammer 7:30-17:30Hrs Cleaning of invert rock surface for lean 19:30-5:30Hrs K1+370-1+410 left wall Arrangement for grouting 7:30Hrs-10:00Hrs Grouting for rock bolt 10:00-17:50Hrs (62pcs grouted and 10pcs collapse) K1+410 Excavation and mucking 23:00-6:00Hrs K1+444-1+489 Left wall Installation and welding of steel girder 13:00-17:30Hrs Installation and welding of steel girder 19:00-21:30Hrs Drilling for anchor bars 8:00-11:00Hrs Arrangement for grouting 1:00-1:50Hrs	INVERT No work Downstream K0+549-0+561 left wall Arrangements for pouring 7:30-9:30Hrs Pouring of concrete 120m3 17:20-23:00Hrs Surface finishing 23:30-4:30Hrs K1+180-1+210 Left wall Cleaning of surface for lean 7:30-17:30Hrs Cleaning of invert rock surface for lean 19:30-5:30Hrs K1+113-1+125 Left Side Pouring of concrete 132m3 00:05-3:30Hrs Surface finishing work 3:30-5:30Hrs K1+125-1+137 Left Side Surface finishing 7:30-13:45Hrs Surface finishing 20:00-23:30Hrs K1+137-1+149 Left Side Cleaning of surface for invert concrete 7:30Hrs-17:00Hrs Cleaning for 1m height invert concrete 19:30-3:40Hrs Pouring of concrete 3:40-7:00Hrs in progress K1+253-1+290 Left side Cleaning of rock surface for lean and excavation with Jackhammer 7:30-17:30Hrs Cleaning of rock surface for lean and excavation with Jackhammer 19:30-5:30Hrs Drilling for blasting to remove undercuts 2:00-3:30Hrs K1+290- Excavation and loading 19:30-3:30Hrs K1+410- Excavation and mucking 7:30-17:30Hrs K1+444-1+478 Right wall Drilling for rock bolt 13:00-17:00Hrs	INVERT No work Downstream K1+137-1+149 Left Side Pouring of invert bedding concrete 7:00-14:00Hrs (Qty 121.5m3) Surface finishing 20:00-4:30Hrs K1+180-1+209 Left Side Surface cleaning 8:00Hrs-17:30Hrs Cleaning invert rock surface for lean concrete 19:30-5:30Hrs K1+253-1+290 Left side Cleaning of rock surface for lean and excavation with jackhammer 7:30-17:30Hrs K1+300- Left Side Excavation and loading 7:30-17:30Hrs Drilling for additional blasting to remove undercuts 20:30-1:30Hrs Charging and blast 1:50-2:47Hrs Mucking and invert scaling 3:00- 6:00Hrs K1+444-1+480 Right wall Installation of 8m rock dowels 7:30-17:30Hrs K1+444-1+489 Left wall Drilling for 8m rock dowels 7:30-17:00Hrs Drilling for 8m rock dowels 20:00-21:40Hrs Grouting and installation of anchor 3m bars 22:00-4:40Hrs	INVERT No work Downstream K0+650-0+695 Left Side Cleaning of surface for invert concrete 8:00-17:30Hrs K0+520- Right Side Invert concrete surface cleaning 7:30-17:30Hrs Cleaning of sediments from invert surface 20:30-4:30Hrs K1+137-1+149 Left side Lean surface cleaning for invert bedding concrete 19:30-2:30Hrs K1+180-1+209 Left Side Cleaning invert rock surface for lean concrete 7:30-17:30Hrs Cleaning invert rock surface for lean concrete 19:30-5:30Hrs K1+256-1+290 Left side Cleaning of rock surface for lean 7:30-17:30Hrs Cleaning of rock surface for lean concrete 19:30-5:30Hrs K1+300-1+330 Left side Excavation and mucking 8:00-17:30Hrs Excavation and mucking 20:00- K1+370-1+400 Centre Invert Drilling for blast 11:00-13:10Hrs Invert Drilling for blast 20:00-23:00Hrs Charging and blast 23:10-2:47Hrs Excavation and mucking 3:00-6:00Hrs K1+444-1+480 Right wall Arrangement for grouting 8:30-13:00Hrs Grouting for rock bolt 13:00-17:30Hrs (Qty 17pcs grouted) Grouting of 8m rock bolt 21:30-00:30Hrs K1+444-1+478 Left wall Drilling and installation of 8m rock dowels 8:00-18:00Hrs (10pcs grouted) Grouting of 8m rock bolt (55 Holes grouted on both walls) 00:30-2:30Hrs Drilling for rock bolt 22:00-4:30Hrs Steel support work 19:30-5:30Hrs

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		Grouting and installation of anchor bars 1:50-11:00Hrs	Drilling for rock bolt 21:00-21:30Hrs Installation of 8m rock bolts 3:30-4:15Hrs Drilling for rock bolt 3:50-6:00Hrs K1+444-1+489 Left wall Arrangement for grouting 8:00-10:00Hrs Grouting and installation of anchor bars 10:30-17:30Hrs (Qty 92pcs grouted) Grouting and installation of anchor bars (23 nos of 3m installed) 20:00-2:45Hrs Outlet Dumping 7:30-17:30Hrs		Arrangement for 8m grouting 22:00Hrs-22:30Hrs Grouting for 8m rock bolt 22:30Hrs
Diversion Tunnel B Inlet	Gate Slot Above Top Slab No work Coffer Dyke Right side Excavation and dumping to Left side 7:30-17:30Hrs Excavation and dumping to starter dam 20:00-6:00Hrs Coffer Dyke Left side Charging for boulder blast and half portion of Dyke 9:30-12:30Hrs Blast 13:14Hrs Excavation and loading 16:00-17:30Hrs No work 19:30-7:00Hrs	Gate Slot Above Top Slab No work Coffer Dyke Right side No work	Gate Slot Above Top Slab No work Coffer Dyke Right side Excavation and loading 7:30-10:00Hrs Coffer Dyke Left side Excavation 7:30-11:00Hrs	Gate Slot Above Top Slab Coffer Dyke Left side Drilling for blast 13:30-17:20Hrs Charging for blast 17:25-18:00 (Explosive 150kg) Blast 18:05 Right Side Drilling for boulder blast 11:00-12:30Hrs Charging for boulder blast 16:30-17:30Hrs (Explosive 80kg) Blast 18:05Hrs No work 19:00-7:00Hrs	Gate Slot Above Top Slab Coffer Dyke Left side Excavation and dumping 8:00Hrs-17:30Hrs Right Side No work
Diversion Tunnel B UNDER GROUND					
STARTER DAM LEFT BANK	Dumping 8:00-17:30Hrs Dumping and drilling for boulder blasting 20:00-6:00Hrs	Dumping 7:30-17:30Hrs Dumping 19:30-6:30Hrs	Dumping 7:30-17:30Hrs	Dumping 7:30-17:30Hrs	No work
STARTER DAM RIGHT BANK	Cut off wall Phase-II Drilling for cut off wall 7:30-19:30Hrs Drilling for cut off wall 19:30-6:30Hrs Dumping 7:30-17:30Hrs Dumping 19:30-6:30Hrs	Cut off wall Phase-II Drilling for cut off wall 7:30-19:30Hrs Drilling for cut off wall 19:30-6:30Hrs Dumping 7:30-17:30Hrs Dumping 19:30-5:30Hrs	Cut off wall Phase-II Drilling for cut off wall 7:30-19:30Hrs Dumping 7:30-18:30Hrs Drilling for cut off wall 19:30-6:30Hrs Dumping 19:30-6:00Hrs	Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Dumping 7:30-17:30Hrs Drilling for cut off wall 19:30-6:30Hrs Dumping 19:30-6:00Hrs	Dumping at starter Dam from right side 7:30-17:30Hrs Dumping at starter Dam from right side 19:30-6:00Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-6:30Hrs
ADIT 3-2					
Right Bank Diversion Inlet	K0+37.5-0+40 Charging and blasting 8:30-11:10Hrs No work due to local peoples block the access road. Mucking 19:30-1:20Hrs Scaling and invert leveling 1:40-2:30Hrs Arrangement for shotcrete 3:00-3:50Hrs 1st layer of shotcrete sprayed 3:50-4:30Hrs Survey and demarcation for drilling and blasting 5:20-5:50Hrs	K0+40-0+42.5 Mucking 8:00-9:00Hrs Mapping 9:40-10:10Hrs Qv=0.52 No work 10:30-16:30 Charging for Additional blast 16:30-17:30Hrs Blast 17:58Hrs Mucking and scaling 20:00-23:30Hrs K0+42.5 Survey and demarcation for drilling blasting 23:30-00:00Hrs Drilling for blasting 00:30-4:20Hrs Charging and blasting 4:50-6:48Hrs	Face Ch K0+045 K0+025-0+037 Arrangement for grouting 7:30-9:00Hrs Grouting and installation of remaining rock bolts 9:00-11:00Hrs 9 pc's grouted and installed. K0+025- Installation of steel arches 20:00-5:30Hrs	Face Ch K0+045 K0+025-0+27 Drilling for anchor bars 7:30-11:00Hrs Drilling for remaining rock dowels 14:00-15:00Hrs No work due to electric problem 15:00-17:30Hrs Installation of steel arches 20:00-5:15Hrs	Face Ch K0+045 K0+025- Spraying a layer of shotcrete 8:00-10:00Hrs K0+045- Charging for blast 11:30-12:40Hrs Blast 12:55Hrs Mucking and scaling 13:30-16:30Hrs Mucking and scaling 20:00-23:40Hrs Arrangement for 1st layer shotcrete 23:40-00:20Hrs Shotcrete sprayed 00:20-1:05Hrs K0+042.5-0+045 Demarcation for rock bolts 00:30-1:40Hrs Drilling for rock bolts 4:40-6:20Hrs
Right Bank Diversion Outlet	K0+525-0+528 Arrangement for 1st layer of shotcrete 8:00-9:00Hrs No work due to local peoples blocked the access road. Spraying 1st layer shotcrete 16m3 22:00-22:30Hrs Survey and demarcation for drilling blasting 00:30-1:00Hrs Drilling for blast 1:40-3:20Hrs Charging and blasting 3:20-4:06Hrs Mucking 4:20-6:00Hrs	K0+522-0+520 Drilling for blast 9:00-13:00Hrs Charging for blast 13:00Hrs-14:30Hrs Blast 14:40Hrs Mucking and scaling 15:30Hrs-17:50Hrs No work shotcrete robot breakdown 1:30-1:30Hrs Arrangement for 1st layer shotcrete 1:30-2:30Hrs 1st layer sprayed 2:30-3:00Hrs No work (Lack of resources) 3:30-7:00Hrs	K0+520- Drilling for blast 8:00-12:00Hrs Charging for blast 12:00-13:20Hr Blast 13:23Hrs Mucking and scaling 14:00-17:30Hrs Mucking and scaling 20:30-22:30Hrs Arrangement for shotcrete 23:00-23:50Hrs 1st layer of shotcrete sprayed 23:50-00:25Hrs Demarcation and drilling for rock bolts 1:20-5:40Hrs	K0+520-0+522 Arrangement for grouting 7:30Hrs-9:00Hrs Grouting and installation of rock dowels 9:00Hrs-11:30Hrs Grouting machine pressure is not enough for crown portion, that's way Dhc allowed grouting only on wall side. Grouting for rock bolt 08:30Hrs-17:30Hrs 46 pieces grouted 11 pieces collapsed K0+520- Survey and drilling for blast 21:30-4:40Hrs Charging and blasting 4:50-6:20Hrs	K0+520- Mucking and scaling 8:30-15:00Hrs Arrangement for 1st layer shotcrete 16:00Hrs-16:30Hrs Spraying 1st layer shotcrete 16:30Hrs-17:10Hrs (Qty 6m3) K0+517- Survey for blast 19:30Hrs-20:00Hrs Drilling for blast 20:30-00:50Hrs K0+517-0+520 Drilling for rock bolts 00:50-3:20Hrs
DT-A & DT-B Outlet Outside	No work 7:30-7:30 hrs	No work 7:30-7:30Hrs	No work 7:30-7:30Hrs	No work 7:30-7:30Hrs	No work 7:30-7:30Hrs
Traffic Diversion Tunnel	K0+955-0+958 Mucking 7:30-15:30Hrs Charging for Additional blast 16:00Hrs-17:30Hrs Blast 20:11Hrs Mucking and scaling 20:40Hrs-22:00Hrs Survey for drilling and blasting 22:10-22:50Hrs Drilling for blast 1:30-6:10Hrs K1+303-1+300 Drilling for blast 7:30-10:00 Charging for blast 10:00-11:10Hrs	K0+958- Mucking for blast 7:00Hrs-8:30Hrs Blast 8:30Hrs ventilation 8:30-9:00Hrs Mucking and scaling 9:00-17:00Hrs Geological mapping (Q/ value 1.33) 17:10Hrs-17:30Hrs Scaling 17:30Hrs-18:00Hrs Shift change 18:30Hrs-20:00Hrs Installation of thickness pin 20:00Hrs-20:30Hrs K0+960.7-	K0+960.7- Mucking and scaling 7:30-11:30Hrs Fixing of electric wires 11:30-17:30Hrs Shift change 17:30-19:30Hrs Mucking and scaling 19:30-00:00 K0+963.7- No work 00:00-3:00 (due to shortage of resources) Survey and demarcation for drilling blast 3:00-3:40Hrs Drilling for additional blast 4:00-5:30Hrs	K0+963.6- Drilling for blast 7:30-8:40Hrs Charging for blast 8:40-9:40Hrs Blast 9:40Hrs Ventilation 9:40-10:30Hrs Mucking 10:30-17:30Hrs Shift change 17:30-19:30Hrs No work 19:30-20:00Hrs (Waiting for dumpers) Mucking 20:00-3:45Hrs Scaling 3:45-4:45Hrs	K0+956-0+968 Arrangement for 1st layer of shotcrete 7:30-9:00Hrs No work 9:00-10:00Hrs (Waiting for mixer) Spraying 1st layer of shotcrete 10:00-10:30Hrs (Qty 8m3) K0+968- Survey for blast 10:30-11:00Hrs Drilling for blast 11:00-16:00Hrs Charging for blast 16:00-17:30Hrs (Explosive Qty 250kg) Shift change 17:30-19:30Hrs Blast 19:30

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	Blast 11:20Hrs Mucking 12:30-17:30Hrs Mucking 21:30-1:45Hrs Scaling and invert leveling 1:50-2:20Hrs Arrangement for 1st layer shotcrete 2:20-2:50Hrs Shotcrete sprayed 3:10-3:40Hrs Demarcation and drilling for rock bolts 4:00-4:50Hrs Arrangement for drilling 5:00-5:30Hrs	Drilling for blast 20:30-1:30Hrs Charging and blast 1:40-2:40Hrs Blast 2:58Hrs ventilation 2:55-3:30Hrs Mucking and scaling 3:30-6:20Hrs Shift change 6:20-7:30Hrs K1+303-1+317 Drilling for rock bolts 8:30-14:30Hrs No work 15:00Hrs-17:00Hrs Arrangement for grouting 22:30Hrs-23:00Hrs Grouting for rock bolt 23:00-00:00Hrs No work 00:00-2:30Hrs Survey and demarcation for steel arches 2:40-3:00Hrs No work 3:00-7:00Hrs	No work 5:30-7:00Hrs K1+303-1+317 Arrangement for grouting 7:30-9:00Hrs No work due to grouting machine break down 9:00-14:30Hrs Arrangement for grouting 19:30-23:00Hrs No work (malfunctioning of grouting machine) K1+340- Installation of steel arches 14:30-17:30Hrs	Geological mapping 4:45-5:30Hrs Shift change 5:30-7:30Hrs K1+303-1+317 Arrangement for grouting 7:30-8:30Hrs Grouting and installation of rock bolts 8:30-15:00Hrs (80pcs collapse) K1+340- Welding of steel arch 16:30-17:30Hrs K1+301- Drilling for blasting 21:30-1:30Hrs Charging and blast 1:30-3:56Hrs Mucking 4:00-5:20Hrs Charging for additional blast 5:40-6:14Hrs	Ventilation 19:30-20:10Hrs Mucking and scaling 20:10-4:30Hrs No work 4:30-7:30Hrs K1+301- Mucking and scaling 7:30-14:00Hrs Geological mapping (Q value 0.12) 14:30-15:00Hrs Arrangement for 1st layer shotcrete 17:00Hrs-17:30Hrs Spraying 1st layer shotcrete 17:30Hrs-18:10Hrs (Qty 4m3) K1+339- Fixing of steel arches and welding 20:30-4:30Hrs No work 4:30-7:00Hrs
Cable crane foundation (Right Bank)	K0+078-82 No work due to local peoples block the access road. Base Elevation 1019.88 EL:1055- No work due to local peoples block the access road.	K0+082-088 Drilling for blast 8:10-14:30Hrs Charging and blasting 14:50-16:00Hrs Base Elevation 1019.88 EL:1055- No work	K0+082-088 Excavation 8:00Hrs-12:00Hrs No work 12:00Hrs-17:30Hrs(Without any particular reason) Base Elevation 1019.88 EL:1055- No work (Without any particular reason)	K0+082-088 Excavation 8:00-14:00Hrs Base Elevation 1019.88 EL:1055- No work	K0+088-093 Drilling for blast 8:00-10:50Hrs Charging and blasting 11:10-12:10Hrs No work 12:10-19:30Hrs Base Elevation 1019.88 EL:1055- No work
Uchar New Crushing plant		Batching plant Assembling of cement silo part 8:00Hrs-17:00Hrs Welding work at safety gate 11:00Hrs-16:00Hrs Excavation and leveling 8:00Hrs-17:00Hrs	Batching plant Construction of stone masonry for workshop 8:00Hrs-17:00Hrs Welding work at cement silo part 8:00Hrs-13:00Hrs Fixing of conveyor belt 8:00Hrs-17:00Hrs Excavation and loading 8:00Hrs-17:00Hrs	Batching plant Welding work 8:00Hrs-16:00Hrs Construction of stone masonry for workshop 8:00Hrs-17:00Hrs Assembling of cement silo part 8:00Hrs-17:00Hrs	Batching plant Assembling of cement silo part 8:00Hrs-17:00Hrs Construction of cable trench at power station 8:00Hrs-17:00Hrs Welding work 8:00Hrs-17:00Hrs
Siglo RCC Crush plant No. 2 & Batching plant No. 2	No work due to local peoples block the access road. Fencing work 7:30-17:30Hrs	Upstream K1+110-0+160 Pouring of lean concrete 10:20Hrs-18:30Hrs (Qty 100m3) Downstream K0+580-0+610 Pouring of lean concrete 17:15Hrs-18:10Hrs (Qty 32m3)	Upstream K0+078-0+098 Fixing of formwork for lean concrete 7:30-17:30Hrs Downstream K1+110-0+160 Pouring of lean concrete 9:10-18:00Hrs (Qty 102m3) K0+540-0+580 Cleaning for lean concrete 7:30-17:30Hrs Making of access road for upstream 19:30-3:30Hrs	Upstream K0+078-0+098 Fixing of formwork for lean concrete 7:30-17:30Hrs Downstream K0+540-0+580 Stone pitching and Cleaning for lean concrete 7:30-17:30Hrs	Upstream K0+078-0+098 Fixing of formwork for lean concrete 8:00-17:30Hrs Downstream K0+400-0+500 Mucking and loading 8:00-14:00Hrs Mucking and loading 20:00-6:00Hrs
Kass Camp	No work	No work	No work	No work	No work
CR-5-2 / LU-2	No work	No work	No work	No work	No work
Date/Day Location	21 Tue.	22 Wed.	23 Thu.	24 Fri.	25 Sat.
Diversion Tunnel A INLET	Transition part Top slab Transition part-1 Pouring of concrete 7:00-18:00Hrs (Qty 1267m3) Chipping and cleaning 19:30-00:00Hrs Part-2,3 Fixing of reinforcements 7:30-17:30Hrs Lifting of steel by crane and fixing 19:30-3:30Hrs Middle Pier Cleaning of concrete surface 19:30-1:30Hrs Coffer dyke between DTA & DTB El. 781-783 Removal of formwork 7:30-17:30Hrs No work 19:30-7:00Hrs Part-1 L+R Wall Fixing of reinforcement 7:30-17:30Hrs No work 19:30-5:30Hrs Part 4 Left and Right wall Fixing of steel at crown portion 7:30-17:30Hrs Cleaning, welding work and arrangement for concrete 19:30-5:30Hrs	Transition part Part -1 Removing form work behind the part -1 area 7:30-17:30Hrs Removing form work part -1 area 19:30-5:30Hrs Part -2 Arrangement for pouring of concrete 19:30-5:30Hrs Top slab part-3 Fixing of reinforcements 7:30-17:30Hrs Part-1 L+R Wall Fixing of reinforcement 7:30-17:30Hrs Part 4 Left and Right wall Arrangement for pouring 7:30-13:00Hrs Pouring of concrete 280m3 13:40-2:20Hrs Removing and washing of concrete pipes and pumps 2:30-5:30Hrs	Top slab K0-12.7-0-18.7 (EL: 788.9-792.4) Preparation for concrete pouring 11:00-17:30Hrs Pouring of concrete 19:30-06:30Hrs Part 2 Fixing of form work and preparation 19:30-06:30Hrs Part-1 K0+002.3-0+019 Fixing of steel at crown portion 07:30-17:30Hrs No work 19:30Hrs-5:30Hrs	Transition part 1 Removing of formwork and curing 8:00Hrs-17:30Hrs Removing of formwork 19:30Hrs-5:30Hrs Transition part 2 Pouring of concrete 7:00Hrs-11:45Hrs Qty=604m3 chipping and collect formwork 19:30Hrs-5:30Hrs Top slab part-3 Fixing of reinforcements 7:30-17:30Hrs Right and Left wall Fixing of formwork 8:00Hrs-17:30Hrs No work 19:30Hrs-5:30Hrs Part-1 L+R Wall Fixing of reinforcements 7:30-17:30Hrs Shifting Scaffolding from DT-A u/s to outside 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs	Right wall Transition part Removing of formwork and chipping 7:30Hrs-17:30Hrs Removing of formwork and chipping 19:30Hrs-5:30Hrs Left wall Transition part Surface cleaning and chipping 19:30Hrs-5:30Hrs Top slab part-3 Fixing of reinforcements 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs Right and Left wall Fixing of formwork 8:00Hrs-17:30Hrs No work 19:30Hrs-5:30Hrs Part-1 L+R Wall Fixing of reinforcements 7:30-17:30Hrs Shifting Scaffolding from DT-A u/s to outside 7:30-17:30Hrs No work 19:30Hrs-5:30Hrs
Diversion Tunnel A UNDER GROUND	INVERT No work Downstream K0+453-0+549 Cleaning of invert concrete surface of sediments and loading 19:30-5:30Hrs K1+137-1+149 Left side Lean surface cleaning for invert bedding concrete 7:30Hrs-17:30Hrs K1+180-1+209 Left Side Cleaning invert rock surface for lean concrete 7:30-17:30Hrs	INVERT No work Downstream K1+149-1+161 Left side Invert lean surface cleaning 7:30-15:00Hrs Cleaning of invert rock surface for lean concrete and dewatering 19:30-5:30Hrs K1+256-1+290 Left side Pouring lean concrete 7:00-13:30Hrs (Qty 144m3) K1+310-1+360 Left side	INVERT No work Downstream K1+290 1+330 Left side Excavation and Invert rock surface cleaning for lean 7:30-17:30Hrs Excavation and Invert rock surface cleaning for lean 19:30-05:30Hrs K1+350-1+360 Left side Drilling for blast 7:30-15:00Hrs Charging for blast 15:00Hrs-16:30Hrs Blast 18:00Hrs	INVERT No work Downstream K0+405-0+429 Right side Cleaning and dewatering 7:30Hrs-17:30Hrs Excavation and cleaning 19:30Hrs-5:30Hrs K0+561-0+573 Left side Cleaning 19:30Hrs-1:30Hrs Pouring of concrete 1:45Hrs-6:30Hrs (Qty 135m3) K1+290 1+330 Left side	Downstream K0+405-0+429 Cleaning and dewatering 7:30Hrs-17:30Hrs Cleaning and dewatering 19:30Hrs-5:30Hrs K0+561-0+573 Left side Surface finishing 7:30-16:00Hrs K1+290 1+330 Left side Invert rock surface cleaning for lean 7:30-17:30Hrs Invert rock surface cleaning for lean 19:30-5:30Hrs K1+390- 1+420 Right side

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	<p>Pouring of lean concrete (96m3) 21:20-1:35Hrs K1+256-1+290 Left side Cleaning of rock surface for lean 7:30-17:30Hrs Cleaning of rock surface for lean concrete 19:30-5:00Hrs Pouring of lean concrete 5:15-7:00Hrs In-progress K1+310-1+330 Left side Excavation and mucking 8:00-17:00Hrs K1+350-1+360 Centre Invert Drilling for blast 11:00-18:00Hrs Charging and blasting 21:00-22:47Hrs Excavation and mucking 23:00-5:30Hrs K1+430- Excavation and mucking 20:00-5:00Hrs K1+444-1+480 Left wall Arrangement for grouting 8:30-9:00Hrs Grouting for anchor bars 9:00-12:00Hrs (23pcs grouted) Spraying 1st layer shotcrete 14:00Hrs-15:00Hrs (Qty 6m3) No work 19:30-7:00Hrs</p>	<p>Excavation and mucking 8:00-17:00Hrs Excavation and mucking 19:30-21:30Hrs Excavation and removing of undercuts with jack-hammer 21:30-2:30Hrs Mucking 2:30-6:00Hrs K1+370- 1+420 Right side Invert rock surface cleaning for lean 7:30-17:30Hrs Cleaning of invert rock surface for lean concrete and dewatering 19:30-5:30Hrs K1+425-1+449 Excavation and mucking 13:00Hrs-14:00Hrs Excavation and mucking 20:00-6:00Hrs K1+460- Left Wall Spraying 1st layer shotcrete 16:00Hrs-16:30Hrs (Qty 6m3) Outlet Excavation and dumping 14:00Hrs-17:00Hrs</p>	<p>Mucking and loading 20:00-02:00Hrs K1+390- 1+420 Right side Invert rock surface cleaning for lean 7:30-17:30Hrs R/S K0+390-0+400 Excavation and making access for dumpers 20:00-02:00Hrs Cleaning and removing sludge from invert 19:30-05:30Hrs K1+425-1+461 Excavation and mucking 19:30-06:00Hrs Outlet Excavation and dumping 8:00Hrs-17:00Hrs Excavation and dumping 19:30Hrs-5:30Hrs</p>	<p>Invert rock surface cleaning for lean 7:30-17:30Hrs Invert rock surface cleaning for lean 19:30Hrs-5:30Hrs K1+435- Left side. Excavation and mucking 7:30-17:00Hrs Drilling for blast 00:30Hrs-2:00Hrs K1+149-1+161 Left side. Pouring of invert concrete 16:30Hrs-19:50Hrs (Qty 120m3) Finishing of surface 20:00Hrs- K1+390- 1+420 Right side Invert rock surface cleaning for lean 7:30-17:30Hrs Invert rock surface cleaning for lean 19:30Hrs-5:30Hrs K1+435- Right side Invert drilling for blast 8:00Hrs-16:00Hrs Invert drilling 21:30Hrs-400Hrs Charging for blast 5:00Hrs-5:55Hrs Blast 6:00Hrs (Explosive Qty 50kg)</p>	<p>Invert rock surface cleaning for lean 7:30-17:30Hrs Invert rock surface cleaning for lean 19:30-5:30Hrs K1+149-1+161 Left side Surface finishing 7:30-11:00Hrs K1+440-1+450 Right Side Drilling for blast 8:00Hrs-16:30Hrs Charging for blast 16:50Hrs-17:55Hrs Blast 18:00Hrs Mucking and excavation 21:00Hrs-23:00Hrs K1+450-Right Side Drilling for blast 21:30Hrs-2:30Hrs Charging for blast 2:30Hrs-4:00Hrs Blast 4:15Hrs (Explosive Qty 90kg) K1+450-Left Side Drilling for blast 22:00Hrs-23:00Hrs Charging for blast 23:30Hrs-1:30Hrs Blast 4:15Hrs (Explosive Qty 20kg) Mucking and excavation 4:30Hrs-5:30Hrs K1+161-1+173 Left side Surface cleaning for invert 1m concrete 7:30-10:30Hrs No work: 10:30-13:00Hr. Arrangement for pouring of 1m concrete 13:00-13:30Hr Pouring of concrete 14:00-17:30Hrs (Qty 132m3) Surface finishing 19:30Hrs-5:30Hrs</p>
Diversion Tunnel B Inlet Portal	Gate Slot Above Top Slab No work	Gate Slot Above Top Slab No work	Gate Slot Above Top Slab Coffer Dyke Left side Right Side No work	Gate Slot Above Top Slab Coffer Dyke Left side Right Side No work	Gate Slot Above Top Slab Coffer Dyke Left side Right Side No work
Diversion Tunnel B UNDER GROUND					
STARTER DAM LEFT BANK	No work	No work	No work	No work	No work
STARTER DAM RIGHT BANK	<p>Dumping at starter Dam from right side and Left Side 7:30-17:30Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-6:30Hrs Phase-II Slot-2 Pouring of concrete (224m3) 23:00-6:05Hrs K0+042-0+062 Excavation for Guide wall 7:30-11:00Hrs Fixing of formwork and steel 12:00-17:30Hrs Fixing of formwork and steel 20:00-4:30Hrs</p>	<p>Dumping at starter Dam from right side and Left Side 7:30-6:00Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-6:30Hrs K0+042-0+062 Fixing of formwork and reinforcement for Guide wall 7:30-17:00Hrs Pouring of concrete 144m317:30-5:00Hrs</p>	<p>Dumping at starter Dam from right side and Left Side 7:30-17:30Hrs Dumping at starter Dam from right side and Left Side 19:30-05:30Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-7:00Hrs K0+042-0+22 Fixing of formwork and reinforcement for Guide wall 7:30-16:00Hrs Pouring of concrete 16:45Hrs-3:25Hrs (Qty 104m3)</p>	<p>Dumping at starter Dam from right side and Left Side 7:30-17:30Hrs Dumping at starter Dam from right side and Left Side 19:30-5:30Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-7:00Hrs K0+042-0+22 Fixing of formwork and reinforcement for Guide wall 7:30-16:00Hrs Pouring of concrete 16:45Hrs-3:25Hrs (Qty 104m3)</p>	<p>Dumping at starter Dam from right side and Left Side 7:30-17:30Hrs Dumping at starter Dam from right side and Left Side 19:30-5:30Hrs Cut off wall Phase-II Drilling for cut off wall 7:30-19:00Hrs Drilling for cut off wall 19:30-5:30Hrs K0+062-0+042 Making platform for drill pilling 7:30Hrs-17:30Hrs K0+22- Excavation for guide wall , Fixing of formwork and fixing of reinforcement 7:30-17:30Hrs Excavation for guide wall , Fixing of formwork and fixing of reinforcement 19:30-5:30Hrs</p>
Right Bank Diversion Inlet	<p>Face Ch K0+045 K0+037-0+045 Drilling for rock bolts 8:30-11:30Hrs K0+027-0+031 Fixing of steel arches 13:00-17:00Hrs K0+031-0+033 Fixing of steel arches 19:30-2:00Hrs No work 2:00-7:00Hrs</p>	<p>Face Ch K0+045 K0+037-0+044 welding works for steel arches 7:30-11:00Hrs Arrangement for grouting 12:30-14:00Hrs Grouting and installation of rock bolts 14:30-15:30Hrs(11Pcs grouted) Grouting stop due to grouting machine breakdown 15:00-17:30Hrs K0+027- Grouting for anchor bar 21:00-00:30Hrs No work 00:30-7:00Hrs</p>	<p>Face Ch K0+045 K0+037-0+044 Arrangement for grouting 8:00-9:00Hrs Grouting and installation of rock bolts 9:00-14:15Hrs (43pcs grouted and 7pcs collapse) K0+027-0+035 2nd layer shotcrete 16:15Hrs-18:30Hrs Removing the wind pipe 21:00Hrs-00:00Hrs K0+027-0+037 Drilling for remaining rock bolt 00:00Hrs-1:00Hrs K0+045- Drilling for blast 1:00Hrs-5:00Hrs</p>	<p>Face Ch K0+045 K0+037-0+044 Drilling for remaining rock bolts 8:00-10:00Hrs Arrangement for grouting 10:00-11:00Hrs Grouting and installation of rock bolts 11:00-17:30Hrs (Remaining 31pcs grouted) K0+027-0+035 Arrangement for 2nd layer shotcrete 20:00Hrs-22:30Hrs Spraying 2nd layer shotcrete 22:50Hrs-1:00Hrs (Qty 32m3) K0+045- Charging for blast 1:25Hrs-4:35Hrs Blast 4:45Hrs Mucking and scaling 5:00Hrs-6:00Hrs</p>	<p>K0+045+047 Mucking and scaling 8:00-15:40Hrs Geological mapping (Q value 0.75) 15:50Hrs-16:20Hrs Arrangement for 1st layer shotcrete 16:30Hrs-17:00Hrs Spraying 1st layer shotcrete 17:00Hrs-18:30Hrs (Qty 16m3) K0+047- Survey for blast 19:45Hrs-20:20Hrs Drilling for blast 21:30Hrs-5:30Hrs</p>
Right Bank Diversion Outlet	<p>K0+517-0+522 Arrangement for grouting 07:30-9:00Hrs Grouting for rock bolts 9:30-10:30Hrs 5 Pcs rejected due to low pressure of grouting machine and grouting work stopped due machine maintenance 10:30 No work 10:30-17:30Hrs No work 19:30-23:00Hrs</p>	<p>K0+517-0+522 No work 7:30Hrs-17:30Hrs K0+526- No work 19:00-2:30Hrs Fixing of steel arches 2:30-5:30Hrs</p>	<p>K0+528-0+525 Drilling for anchor bar and welding work 10:00Hrs-13:30Hrs Grouting for anchor bar 14:50Hrs-16:00Hrs (Qty 51pcs grouted) No work 19:30Hrs-5:30Hrs</p>	<p>K0+528-0+525 Welding work for support steel arches 7:30-16:00Hrs Welding work for support steel arches 20:00Hrs-22:00Hrs Arrangement for 2nd layer shotcrete 1:30Hrs-2:00Hrs Spraying 2nd layer shotcrete 2:00Hrs-5:30Hrs (Qty 36m3)</p>	<p>K0+520- Charging for blast 8:00-9:50Hrs Blast carried out 10:02Hrs (Explosive Qty 200kg) Mucking and scaling 16:00Hrs-18:00Hrs Mucking and scaling 19:30Hrs-22:00Hrs Excavation with jackhammer 22:20Hrs-00:50Hrs</p>

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	Removing of under break with jack-hammer 23:00-2:30Hrs No work 2:30-7:00Hrs				Mucking and scaling 1:20Hrs-2:00Hrs Geological mapping (Q value 0.23) 2:00Hrs-2:30Hrs K0+520-0+523 Arrangement for 1st layer shotcrete 2:40Hrs-3:20Hrs Spraying 1st layer shotcrete 3:20Hrs-4:20Hrs (Qty 12m3) K0+525-0+523 Spraying 2nd layer shotcrete 4:30Hrs-5:20Hrs (Qty 4m3)
DT-A & DT-B Outlet Outside	No work 7:30-7:30Hrs	No work	No work	No work	No work
Traffic Diversion Tunnel Portal	K0+898- Fixing of wire mesh 9:00-15:30Hrs (Qty 5pcs) K0+970- No work 7:30-8:00Hrs (Shortage of resources) Survey for blast 8:00-9:00Hrs Drilling for blast 10:00-14:30Hrs Charging for blast 14:40Hrs-15:50Hrs Blast 15:55Hrs Mucking and scaling 16:20Hrs-17:30Hrs Shift change 17:30-19:30Hrs Mucking and scaling 19:30-5:30Hrs No work 5:30-7:00Hrs K1+338- Drilling for anchor bar 10:00Hrs-17:00Hrs Arrangement for grouting 22:30Hrs-23:00Hrs K1+298- Drilling for blast 20:00-00:45Hrs Charging and blasting 1:30-4:25Hrs Mucking 5:00-6:30Hrs	K0+970-0+973- Mucking and scaling 7:30Hrs-9:00Hrs Geological mapping (Q value 1.5) 9:30Hrs-10:00Hrs Installation of thickness pin 10:00Hrs-10:30Hrs Arrangement for 1st layer of shotcrete 10:30-11:10Hrs Spraying 1st layer of shotcrete 12:30-12:20Hrs (Qty 8m3) K0+905- Fixing of wire mesh 8:00Hrs-16:30Hrs Fixing of wire mesh 20:00-3:00Hrs K0+954-0+972 Drilling for rock bolt 21:00-2:30Hrs K0+973- Survey and demarcation for drilling blast 23:20-23:50Hrs Drilling for blast 2:30-6:00Hrs K1+298- Mucking and scaling 7:30-13:30Hrs Geological mapping (Q value 1.41)13:30Hrs-14:00Hrs Arrangement for 1st layer of shotcrete 14:00Hrs-14:30Hrs Spraying 1st layer shotcrete 14:30Hrs-15:20Hrs (Qty 8m3) No work 15:30Hrs-17:30Hrs K1+296- Drilling for blast 21:10-23:30Hrs Charging and blast 23:30-1:15Hrs Mucking 1:40-5:20Hrs	K0+973- Drilling for blast 7:30Hrs-10:30Hrs K0+954-0+972 Arrangements for grouting 10:30-13:00Hrs Grouting and installation of rock bolts 13:00-16:30Hrs K0+944-0+954 Grouting for rock bolt 16:30Hrs-17:30Hrs Shift change 17:30Hrs-19:30Hrs K0+973- Charging for blast 19:30Hrs-21:00Hrs Blast 21:10Hrs Mucking and scaling 21:50Hrs-5:30Hrs Shift change 5:30Hrs-7:30Hrs K1+296- Geological mapping (Q value 0.52) 10:00Hrs-10:30Hrs Survey for blast 11:00-11:30Hrs Drilling for blast 15:30Hrs-17:00Hrs Shift changing 17:30 - 19:30 Charging and blast 20:00-21:20Hrs Blast 21:30Hrs Mucking and scaling 22:00-00:00Hrs Geological mapping (Q value 1.04) 00:00-00:30Hrs No work 00:30Hrs-5:30Hrs	K0+920- Fixing of wire mesh 7:30-15:00Hrs (Qty 16pcs installed) K0+973- Mucking and scaling 7:30-14:00Hrs Geological mapping (Q value 1.17) 14:00Hrs-14:30Hrs K0+976.5- Survey for blast 14:35Hrs-15:10Hrs Drilling for blast 15:45Hrs-17:30Hrs Charging for blast 19:30Hrs-20:30Hrs Blast 20:35Hrs (Explosive Qty 250Kg) Mucking and scaling 21:20Hrs-4:15Hrs Geological mapping (Q value 1.46) 4:15Hrs-4:45Hrs K1+979- Survey for blast 4:55Hrs-5:30Hrs K1+294- Arrangement for 1st layer of shotcrete 7:30-9:00Hrs Waiting for mixer 9:00-11:50Hrs Spraying a layer of shotcrete 11:50-13:00Hrs 8m3 K1+290- Drilling for blast 13:30Hrs-16:30Hrs Drilling for blast 20:30Hrs K1+300-1+291 Drilling for rock bolt 16:30Hrs-17:30Hrs Arrangement for grouting 22:30Hrs-1:00Hrs Grouting for rock bolt 1:00Hrs-6:00Hrs (69pcs grouted and 03pcs collapsed)	K0+930- Fixing of wire mesh 8:00Hrs-16:00Hrs (Qty 16pcs installed) K0+979- Arrangement for drilling blast 7:30Hrs-8:30Hrs Drilling for blast 9:00Hrs-14:00Hrs Charging for blast 14:50Hrs-16:20Hrs (Explosive Qty 250kg) Blast 16:28Hrs Mucking and scaling 17:00Hrs-18:00Hrs Mucking and scaling 20:00Hrs-00:30Hrs Excavation with jackhammer 00:50Hrs-1:30Hrs Mucking 2:00Hrs-4:30Hrs K1+290- Charging for blast 8:30Hrs-10:00Hrs Blast 10:20Hrs (Explosive Qty 200Kg) Mucking and scaling 11:00-17:30Hrs Mucking and scaling 20:00Hrs-22:00Hrs Geological mapping (Q value 0.62) 22:15Hrs-22:50Hrs Arrangement for 1st layer shotcrete 23:00Hrs-23:30Hrs Spraying 1st layer shotcrete 00:00Hrs-00:30Hrs (QTY 4m3) K1+288.5- Survey for blast 1:00Hrs-1:30Hrs Drilling for blast 2:00Hrs-5:30Hrs
Cable crane foundation (Right Bank)	K0+088-093 No work Base Elevation 1019.88 EL:1055- No work	K0+088-093 No Work Base Elevation 1019.88 EL:1055- Excavation 13:00-18:00Hrs	K0+088-093 No work Base Elevation 1019.88 EL:1052- Drilling for rock bolt 8:00Hrs-16:30Hrs	K0+088-093 No work Base Elevation 1019.88 EL:1052- Drilling for rock bolt 8:00Hrs-17:00Hrs EL:1055- Excavation 9:00Hrs-18:00Hrs	K0+088-093 No work Base Elevation 1019.88 EL:1052- Drilling for rock bolt 8:00Hrs-16:00Hrs EL:1055- Excavation 9:00Hrs-17:50Hrs
Uchar New Crushing plant	Batching plant Construction of cable trench at power station 8:00Hrs-17:00Hrs Welding work 8:00Hrs-17:00Hrs Assembling of cement silo part 8:00Hrs-17:00Hr	Welding of mixing unit and fixing of operating part of batching plant 8:00-17:00Hrs Construction of cable trench at power station 8:00-17:00Hrs No work 19:00-7:00Hrs	Batching plant Construction of cable trench at power station 8:00Hrs-17:00Hrs Welding of mixing unit and fixing of operating part of batching plant 8:00Hrs-17:00Hrs	Batching plant Construction of cable trench at power station 8:00Hrs-17:00Hrs Welding of mixing unit and fixing of operating part of batching plant 8:00Hrs-17:00Hrs	Batching plant Construction of cable trench at power station 8:00Hrs-17:00Hrs Welding of mixing unit and fixing of operating part of batching plant 8:00Hrs-17:00Hrs
Kass Camp	No work	No work	No work	No work	No work
Siglo RCC Crush plant No. 2 & Batching plant No. 2	Upstream K0+078-0+098 Fixing of formwork for lean concrete 7:30Hrs-17:30Hrs K0+110-0+160 Pouring of lean concrete 16:15Hrs-18:35Hrs (Qty 73m3) Pouring of lean concrete 21:50Hrs-00:30Hrs (Qty 79m3) Downstream Excavation and loading 20:00Hrs-5:30Hrs	Upstream K0+078-0+098 Fixing of formwork for lean concrete 7:30-17:30Hrs K0+110-0+160 Pouring of lean concrete 11:42-13:42Hrs (Qty 80m3) Downstream Excavation and loading 20:00-6:00Hrs	Upstream K0+080-0+160 Pouring of concrete 9:10Hrs-10:00Hrs No activity due to local stopped the work 10:00-11:30Hrs Pouring of concrete 11:30Hrs-17:30Hrs K0+160-0+260 Fixing of formwork for lean concrete 7:30Hrs11:30Hrs Fixing of formwork for lean concrete 13:00Hrs-17:30Hrs K0+260-0+292 Cleaning for lean concrete 11:30Hrs-17:30Hrs Excavation and mucking 20:00Hrs- Downstream No activity due to local stopped the work 10:00-11:30Hrs	Upstream K0+080-0+160 Downstream No activity due to local stopped the work 7:30-17:30Hrs No activity due to local stopped the work 7:30-17:30Hrs	Upstream K0+080-0+160 Downstream No activity due to local stopped the work 7:30-17:30Hrs No activity due to local stopped the work 7:30-17:30Hrs
CR-5-2 / LU-2	No work	No work	Excavation with excavator 7:30-17:00Hrs	Excavation and loading 8:00Hrs-16:00Hrs Fixing of Scaffolding 8:00Hrs-17:00Hrs Drilling for rock bolt 9:00Hrs-16:00Hrs	Excavation and loading 8:00Hrs-17:30Hrs Fixing of Scaffolding 8:00Hrs-17:30Hrs Drilling for rock bolt 7:00Hrs-17:30Hrs

Daily Work Records of MW-02

Date/Day Location	1 Wednesday	2 Thursday	3 Friday	4 Saturday	5 Sunday	6 Monday	7 Tuesday
Tailrace outlet Construction Tunnel CT-2	<p>Day F.Ch: 0+415.50(Approx.) 07:30-10:00) Drilling for blast 09:20-10:20) Charging for blast (Exp=225KG) 11:30-) Blast carried out 15:10) Mucking is in progress</p> <p>Ch.:0+372.7-0+386.3 (Tailrace 01 from U/S: Ch.:0+1579.50) 10:10-11:20) Charging for TRT-01 blast (Exp=160.0kg) 11:30-) Blast carried out 12:00-15:10) Mucking</p> <p>Note: > Blast carried out of tailrace 01 without Approved AFI.</p> <p>Ch.:0+360.0-0+370.0 14:00-) Extension of service pipe lines Ch.:0+320.0-0+350.0 09:20-10:00) Thickness test for shotcrete</p> <p>Night F.Ch: 0+415.50-0+418.5 19:20-19:50) mapping Qv=1.66 20:30-21:00) 1st layer shotcrete 4m³ Ch. 0+418.5-21:20-23:30) Drilling for blast 23:30-00:40) Charging Exp=210kg Ch.:0+372.7-0+386.3 (Tailrace 01 from U/S: Ch.:0+1579.</p>	<p>Day F.Ch: 0+422.50(Approx.) 07:45-08:20) Survey & mapping (Qv=1.5) 08:50-09:50) 1st layer shotcrete (PS Qty=6.0m³)</p> <p>Ch.:0+415.50-0+422.0 11:25-15:20) Drilling for rock dowels 17:00-) Grouting for rock dowels</p> <p>Night F.Ch: 0+422.5 Approx. Ch. 0+414.5-0+422 19:00-) Fixing of wire mesh</p>	<p>Day F.Ch: 0+422.50(Approx.) 07:00 - 08:00) Drilling for blast 08:00 - 09:00) Charging for blast (EXP 210KG) 13:10) Blast (BLAST DELAYED DUE TO DRILLING FOR TRT01 U/S FROM 09:30 - 12:00) 15:30 - mucking and scaling TRT01 Ch.:0+372.7-0+386.3 (Tailrace 01 from U/S: Ch.:0+1579.50) 09:30 - 12:00) Drilling for remaining portion (additional) 13:10 - Blast carried out WITHOUT AFI 13:30 - 15:30) Mucking</p> <p>Night F.Ch: 0+425.5 20:00-20:20) Mapping Qv=1.67 20:20-20:40) Survey for Blast Ch.:0+422.5-0+425.5 21:00-21:45) 1st layer shotcrete 7m³ 22:40-01:10) Drilling for Blast 01:20 - 02:30) Charging for blast 02:40) blast carried out 03:00 -) Mucking</p> <p>TRT-01 21:25-21:45) Mapping Qv=0.48</p>	<p>Day F.Ch: 0+428.50(Approx.) 07:45 - 08:10) mapping Qv=1.44 10:30 - 11:20) 1st layer shotcrete Qty = 04m³</p> <p>Ch.: 0+423 - 427.5 12:30 -) drilling for rock dowels</p> <p>TRT01 Ch.:0+370-0+388 (TRT01 U/S Junction) 10:20-) installation of wire mesh</p> <p>Night F.Ch: 0+428.5 (Approx.) Ch. 0+423 - 427.5 21:30-1:00) Grouting for rock dowels 1:00-) Installation of wire mesh is in progress.</p> <p>TRT-01 D/S K1+586- K1+589 20:20-23:30) Drilling for blast</p> <p>Night</p>	<p>Day F. Ch: 0+428.50(Approx.) Ch.: 0+422 - 428 09:20 - 11:40) 2nd layer shotcrete PS Qty = 12m³ Ch.: 0+428.50-13:00-13:30) Survey for Blast 14:00-Drilling for blast is in progress</p> <p>TRT01 Ch.:0+370-0+388 (TRT01 U/S Junction) 11:40 - 13:20) 2nd layer shotcrete PS Qty = 12m³ night F. Ch: 0+428.5 (Approx.) Ch. 0+423 - 429 19:00-20:25) Charging for blast (Exp= 210 kg) 20:35) Blast carried out</p> <p>TRT-01 D/S Ch.: 1+586-1+589 20:35) Blast carried out</p> <p>21:00-) Mucking is in progress.</p>	<p>Day F.Ch: 0+431.5 7:00-7:30 Survey for blast 8:00-13:00 Drilling for blast via leg Drill 13:00-14:00 Charging for blast (Exp=215KG) Blasting Delay due to TRT Drilling</p> <p>TRT-01 D/S Ch.: 1+586-1+589 7:30-7:50.0) Survey for blast (Remaining portion) 14:30-) Drilling for Blast is in progress</p> <p>Night F.Ch: 0+428.5 (Approx.) Ch. 0+431.5-0+434.5 21:00- 1:00) Mucking and scaling 1:00-1:25) Mapping 2:15-2:50) Shotcrete 1st layer (Qty= 4m³)</p> <p>TRT-01 D/S Ch.: 1+586-1+589 19:40-21:00) Mucking and scaling 1:30-1:50) Mapping 2:50-3:30) Shotcrete 1st layer (4m³)</p> <p>Note: Mapping has been done by contractor's geologist and he did not calculate QV.</p>	<p>Day F.Ch: 0+434.5 (Approx.) Ch.:0+429.5-0+432.5 10:00-12:00) Grouting & Installation of rock dowels (Qty=19pcs) Ch.:0+428.0-0+433.0 12:00-) Installation of wire mesh is in progress (Qty=84m²)</p> <p>TRT-01 U/S F.ch 1+1578.0 Ch.: 1+578.0-7:30-8:30) Survey for blast 11:00-) Drilling for Blast is in progress</p> <p>Night F.Ch: 0+434.5 Ch. 0+429.-0+434.5 22:10-23:50) 2nd layer shotcrete PS 10m³ Ch.: 0+434.5 01:00-01:30) Survey for blast 01:30-) Drilling for blast is in progress</p> <p>TRT-01 U/S Ch.: 1+578.0-1+575.0 Day-21:50) Drilling for blast TRT-01 D/S Ch. 1+586-1+589.0 01:30-) Fixing of wire mesh</p>
Exhaust Tunnel	<p>Day Exhaust shaft EL ▼788.0 Ch.: 0+14.0-0+16.0 (8th round) 08:30 -) Drilling for blast. Night Exhaust tunnel EL ▼788 Ch.: 0+014-0+016 (8th round) 21:00-) Drilling for blast</p>	<p>Day Exhaust shaft EL ▼788.0 Ch.: 0+14.0-0+16.0 (8th round) 08:30 -14:45) Drilling for blast 14:45-15:35) Charging for blast (Exp Qty= 35Kg) 15:45) Blast carried out</p> <p>Ch.:0+00.0-0+14.0 09:00-09:30) Thickness test carried out</p> <p>Night Exhaust tunnel EL ▼788 Ch.: 0+014-0+016 (8th round) 20:00-02:00) Mucking 02:20-) Drilling for rock dowels</p>	<p>Day Exhaust shaft EL ▼788.0 Ch.: 0+14.0-0+16.0 (8th round) 08:00-12:00) Drilling for rock dowels and additional blast 15:55 - 16:30) charging for additional blast 16:50 - Blast carried out</p> <p>Night Exhaust tunnel 20:00-22:40) Manually Mucking EL ▼782.4 (8th round) 23:05-00:00) Grouting for rock dowels (8pcs) 1:20-) Drilling for blast</p>	<p>Day Exhaust shaft EL ▼786.0 Ch.: 0+14.0-0+16.0 (8th round) 10:30 - 11:15) 1st layer shotcrete Qty= 04m³ 14:00 -) cleaning of platform and arrangements for next blast drilling</p> <p>Night Exhaust tunnel 20:00-22:40) Manually Mucking EL ▼782.4 (9th round) Ch.: 0+016-0+018 20:00-) Drilling for blast is in progress.</p>	<p>Day Exhaust shaft EL ▼786.0 Ch.: 0+16.0-0+18.0 (9th round) 08:00-) Drilling for blast is in progress.</p> <p>Night Exhaust tunnel EL ▼782.4 (9th round) Ch.: 0+016-0+018 20:00-00:30) Drilling for blast</p>	<p>Night Exhaust shaft EL ▼782.4 (9th round) Ch.: 0+016-0+018 8:30-11:30) Charging for blast (32KG) 14:00) Blast carried out 14:45-) Mucking</p> <p>Night Exhaust tunnel EL ▼782.4 (9th round) Ch.: 0+016-0+018 20:00-23:00) Mucking Ch.: 0+016.4 22:00-1:00) Drilling for rock dowels. 1:20-2:30) Grouting of rock dowels (8 pcs)</p>	<p>Day Exhaust shaft EL ▼782.4 (9th round) Ch.: 0+016.0-0+018.0 09:45-12:00) 1st Layer shotcrete SF (Qty=4m³) 14:00-16:30) Cleaning & Arrangements for next round drilling.</p> <p>Night Exhaust tunnel EL ▼780.4 (10th round) Ch.: 0+018-20:30-) Drilling for Blast</p>
ADFT+ CT01						<p>Day R/S Crown Enlargement Ch.: 0+048.009:30-10:30) 1st Layer shotcrete SF Qty=08m³L/S Crown EnlargementCh.: 0+051.013:00-13:30) 1st Layer shotcrete SF Qty=05m³</p> <p>Night ADFT R/S Crown Enlargement Ch:0+043-0+048 20:00-) Fixing of wire mesh</p> <p>ADFT L/S Crown Enlargement Ch:0+042-0+047 20:00-) Rectification of wire mesh</p>	<p>Night R/S Crown Enlargement Ch:0+043.0-0+048.0 08:30-17:00) Fixing of wire mesh (10 Pcs) 09:00-11:00) Invert excavation</p> <p>L/S Crown Enlargement Ch.: 0+000.0-0+020.0 14:00-14:30) Invert excavation.</p> <p>Night ADFT R/S Crown Enlargement Ch:0+043-0+051 20:00-) Fixing of wire mesh (5pcs)</p> <p>ADFT L/S Crown Enlargement Ch:0+042-0+050 20:00-) Fixing of wire mesh (3pcs)</p>
TC I 1	No Activity	No Activity	No Activity	Day no Activity	Day no Activity	Day	Day

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				night Water pressure test postponed due to unavailability of water.	nigh t Ch.: 0+240-20:30-) Water pressure test (Pcs) Location: 49-3 (Per: 10.5), 47-6 (Per: 6.33), 47-3 (Per: 3), 46-5(Per: 8.3), 47-5 (Per: 2.1), 47-4 (Per: 9.8) , 47-4(Per. 9.8), 46-5(Per. 8.3), 47-5(Per. 2.1), 46-4 (Per: 3.5), 46-3(per: 2.16) Ch.: 0+030.5-0+025.5 20:30-00:30) Drilling for PS tendon up to 6m (10 holes) Location: P7-1,2,3,4,5, P6-1,2,3,4,5 Ch.: 0+110.5-0+125.5 22:30- 1:30) Drilling for PS tendon up to 6m. (10 holes) Location: P26-9, P25-9, P24-6,7,8,9, P23-6,7,8,9 Ch.: 0+150.5-0+155.5 20:45-) Drilling for PS tendon up to 0.5m (rebar cutting)	Ch:0+000 Right Side U/S Face 14:00-16:00) Drilling for Weep holes Night Ch.: 0+20:30-00:05) Water pressure test (Pcs) Location: 46-7 (Per: 4), 47-9 (Per= 4.66), 47-7 (Per= 6.33), 47-8 (Per= 1.5), 46-8 (Per= 000), 46-9(Per=3.66) Ch.: 0+000-0+010 20:00-22:40) Drilling for PS tendon up to 6m (holes) Location: P1-2,4,5 Ch.: 0+105-0+100.5 21:00-1:00) Drilling for PS tendon up to 0.5m (rebar cutting) (2 holes) P22-9, P21-9	F. Ch:0+241.0 I-1Ch.: 0+220.516:55-17:05) Water pressure test (Per= 0.00) Night F.ch 0+241.0 I-1 Ch.: 0+
TC II 1	Day Ch.: 0+241 Night I1, I2, I3 Ch. 0+140-0+155 20:00-) Drilling for PS tendon up to 6m (11 holes and is in progress) Ch.: 0+195-0+200 2:30-) Drilling for PS tendon up to 6m is in progress.	Day No Activity Night I1, I2, I3Ch. 0+115.50 ~ 0+125.020:00-) Drilling for PS tendon up to 6m (6 holes and is in progress)	Day No Activity Day No Activity	No Activity	Day No Activity	Day No Activity	Day II-2 Right Side Ch.:0+240.5-0+225.5 08:55-16:00) Backfill grouting for PS tendon up to 6m (05 Pcs) Location:-P47-4 (133.8Kg), P47-7 (138.1Kg), P46-5 (133.1Kg), P48-9 (87.3Kg), P49-3 (129.5Kg) Ch.:0+100.5-08:50-16:30) Drilling of PS tendon for rebar cutting II-2 Left side No Activity Night F.ch:0+241.0 II-2 Right & II-2 Left No activity.
TC II-2(1) +TCII-2(2) (Left and Right)	Day II-2 Right Side II2-right Ch.:0+135.5 08:30-) Drilling for PS tendon up to 6m (05pcs) Location: P28-6, P28-7, P27-8, P27-6, P27-9, II-2 Left side Ch.:0+020.0-0+070.0 16:30-19:20) Shotcrete for covering rock dowel plates (SF Qty=16m³). Sika Ignite used as accelerator SHOTCRETE WAS STOPPED AT 09:00am DUE TO UNAVAILABILITY OF USEABLE "SBT" ACCELERATOR. AS PER INSTRUCTION, NO SHOTCRETE TO BE ALLOWED UNTIL WRITTEN APPROVAL BY DHC LABORATORY STAFF REGARDING "SBT" ACCELERATOR. Ch.:0+124.25-0+049.25 10:35-11:15) Pull out test for rock dowels 03pcs done (along 01= 5.63 mm, 02= 4.58mm, 03 =4.24mm) Ch.:0+200.5 - 205.5 8:00-11:30 Drilling for	Day II-2 Right Side Ch.: 0+075 - 120 17:05 - 18:30) Remedial Shotcrete sf Qty = 16m3 II-2 Left side 0+0+00.0-0+75.50 13:50-16:40) Survey for PS Tendon Ch.:0+145.5-08:30-) Drilling for PS tendon up to 6m (12 Pcs) & is in progress... Location: P30-2, P30-3, P30-4, P30-5,P29-2, P29-3, P29-4, P29-5, P28-2, P28-3, P28-4, P28-5, Night F.ch:0+241.0 II-2 Right Ch. 0+160.0 ~ 0+165.0 20:30-) Fixing of rebar mesh and Rectification of cracks area II-2 Left No activity	Day II-2 Right Side Ch.: 0+125.5-000 9:30-17:00) Survey for PS Tendon II-2 Left side Ch.:0+105.5-08:30-) Drilling for PS tendon up to 6m (12 pcs) Location: P28-3, P27-2, P27-4, P22-3, P21-2, P21-3, P21-4, P20-2, P20-3, P20-4, P19-2, P19-4 Ch.:0+220-0+240 9:00- manual mucking and cleaning of side drain Night F.ch:0+241.0 II-2 Right No Activity II-2 Left Ch. 0+80.50 -0+60.5 20:20-) Drilling for PS tendon up to 6m is in progress. (9 holes completed) Location. P17-2, 3, 4, 5, P16-2, 3, 4. P15-2, 3,	Day II-2 Right Side Ch.:0+241.5-220 08:45-) invert cleaning II-2 Left side Ch.:0+065.5-045.5 08:30-) Drilling for PS tendon up to 6m (12 pcs) Location: P14-3, P13-1, 2,3,4,5, P12-1, 2, 3, P11-1, 2, 3, Ch.:0+150.5-100.5 08:20-) Installation of supporting bars for PS tendon. Ch.:0+125.5-000 08:30-11:25) Survey for PS tendon. CH: 0+160-0+170.0 09:50-11:18) Removing detached shotcrete from cracks area. Ch.: 230.5 - 220.5 15:40 - 17:00) drilling of PS tendons for rebar cutting Night F.ch:0+241.0 II-2 Right No activity II-2 Left Ch. 0+105-20:00-) Installation of supporting bars for	Day II-2 Right Side Ch.:0+230-0+150.0 08:00-) invert cleaning Ch.:0+241-0+236.0 14:00-16:50) Water Pressure test (9Pcs) Location:- P48-8(Per 1.449) P48-9 (Per 5.098) P48-6 (Per 7.200) P48-7 (Per0.694) P49-9 (Per 3.137) P49-8 (Per 0.000) P49-7 (Per 3.125) P47-8 (Per 1.957) P47-7 (Per 4.275) II-2 Left side Ch.: 230.5 - 220.5 08:50-) drilling of PS tendons for rebar cutting Ch:0+50.0-0+35.0 10:00-17:30) Drilling for PS Tendons (Qty=12Holes) Locations:-(P11=2) (P10=1,2,3,4) P9=1,2,3) P8=1,2,3) Ch.:0+075.5-0+000 08:50-11:30) Installation of supporting bars for PS tendon.	Day II-2 Right Side Ch.:0+190.0-0+210.0 08:00-16:44) Water Pressure test (17Pcs) Location:- P43-4 (Per=11.5),P42-3 (Per=8.3), P43-5 (Per=2.66), P43-6 (per=15.0), p43-3 (per=10.11), P42-4 (Per=8.11), P42-5 (Per=10.11) , P42-6 (Per=10.66), P41-4 (per=10.66) , P40-2 (Per=9.00), P39-2 (Per=22.16), P40-3 (per=3.66), P40-4 (Per8.11), P41-3 (Per=6.5), P39-3 (p=3.183), P42-2 (Per=5.166), P41-2 (Per=7.5) II-2 Left side Ch:0+035.0-0+241.0 09:00-10:30) Thickness test carried out Ch:0+150.0-0+170.0 08:00-17:00) Manual Mucking & Cleaning of Side Drain Ch:0+010.5.0-0+020.0 10:00-17:30) Drilling for PS Tendons (Qty=15Pcs) Locations:- P5-	Day II-2 Right Side Ch.:0+240.5-0+225.5 08:55-16:00) Backfill grouting for PS tendon up to 6m (05 Pcs) Location:-P47-4 (133.8Kg), P47-7 (138.1Kg), P46-5 (133.1Kg), P48-9 (87.3Kg), P49-3 (129.5Kg) Ch.:0+100.5-08:50-16:30) Drilling of PS tendon for rebar cutting II-2 Left side No Activity Night No Activity

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	<p>PS tendon up to 6m (02 pcs) Location: P41-3,P42-2</p> <p>Night F.ch:0+241.0 II-2 Right Ch.: 0+000-0+150 21:00-01:00) Pull out Test for rock dowels (6pcs done) Ch. 0+55.50 (Elongation =3.45mm) Ch. 0+ 75 (Elongation =6.07mm) Ch. 0+ 93 (Elongation =5.70mm) Ch. 0+ 98 (Elongation =6.86mm) Ch. 0+111.75 (Elongation =5.42mm) Ch. 0+ 129.25 (Elongation =3.58mm)</p> <p>I-3 and II-2 Ch.:0+135.50 ~ 0+ 150 20:30-) Drilling for PS tendon up to 6m (05pcs) II-2 Left No activity</p>			<p>PS tendon is in progress.</p>	<p>Night F.ch:0+241.0 II-2 Right No activity</p> <p>II-2 Left Ch. 0+105- 20:00-) Installation of supporting bars for PS tendon is in progress.</p>	<p>1,2,3,4,5 P4-1,2,3,4,5 P3-1,2,3,4,5</p> <p>Night F.ch:0+241.0 II-2 Right No activity</p> <p>II-2 Left Ch. 0+105- 20:00-) Installation of supporting bars for PS tendon is in progress.</p>	
<p>TC Left crown I-2</p>	<p>Day F. Ch:0+241.0~ (D/S) Ch.:0+126.75 9:40~ 10:30) Pull out test for rock dowel (1pc) (along = 5.8mm) Night F. Ch:0+241.0~ (D/S) No Activity</p>	<p>Day F. Ch:0+241.0~ (D/S) Ch.:0+160.0~0+170.0 08:30~17:00) Scaling, Fixing & Rectification of rebar mesh of cracks area Night F. Ch:0+241.0~ (D/S) No Activity</p>	<p>Day F. Ch:0+241.0~ (D/S) Ch.:0+160.0~0+170.0 08:30~11:30) Rectification of rebar mesh of cracks area Night F. Ch:0+241.0~ (D/S) Ch. 0+160-0+170 22:40~22:30) 2nd layer shotcrete at cracks area (SF 5m³)</p>	<p>Day F. Ch:0+241.0~ (D/S) Ch.: 180 - 190 15:00 - 15:30) soundness test on fractures shotcrete portion Day F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>
<p>Transformer Cavern Pilot Tunnel I-3</p>	<p>Day Ch.: 0+050~ I-1 I-3 Ch.: 0+100 -0+ 150 15:10 - 15:40) demarcation of rock dowels for pull out test (06 pcs) Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>
<p>PH I-1 Center Crown</p>	<p>Day F. Ch:0+241.0(D/S)</p> <p>Night Ch.: 0+241.0 Note MT are on strike due to their internally issue between local and Kashmiri operators.</p>	<p>Day F. Ch:0+241.0(D/S) I-1, I-2, I-3 Ch.:0+45.0~0+110.30 09:30~10:30) Survey for extensometer. Night Ch.: 0+241.0 Note MT are on strike due to their internally issue between local and Kashmiri operators.</p>	<p>Day F. Ch:0+241.0(D/S) I-1, I-2, I-3 Ch.: 110.3 08:30 - 17:00) assembling of scaffolding platform for drilling of extensometer Night Ch.: 0+241.0 Ch. 0+110.3 20:30-) Assembling of scaffolding platform for drilling of extensometer.</p>	<p>Day F. Ch:0+241.0(D/S) I-1, Ch.: 110.3~ 08:30 - 17:00) assembling of scaffolding platform for drilling of extensometer Night Ch.: 0+241.0 Ch. 0+110.3~ 20:00~23:00) Assembling of scaffolding platform for drilling of extensometer 00:30-) Drilling for extensometer. Is in progress.</p>	<p>Day F. Ch:0+241.0(D/S) I-1, I-2 Ch.: 110.3~ 08:30 -14:40) No Drilling. Installation of additional scaffolding pipe in extensometer platform. 15~00) Drilling for Extensometer Ch.: 0+230 08:00~17:00) Loading of extra Scaffolding pipe from invert Night Ch.: 0+241.0 Ch. 0+110.3~ 20:00-) Drilling for extensometer Is in progress.</p>	<p>Day F. Ch:0+241.0(D/S) I-1, Ch.: 110.3~ 09:20-) Drilling for Extensometer (23m Drill) Night Ch.: 0+241.0 Ch. 0+110.3~ 21:00-00:00) Moving of drilling machine and installation of scaffolding for ALT. 1:00-) Drilling for ALT is in progress.</p>	<p>Day F. Ch:0+241.0(D/S) Night Ch.: 0+241.0 Ch. 0+110.3~ 21:00-00:00) Moving of drilling machine and installation of scaffolding for ALT. 1:00-) Drilling for ALT is in progress.</p>
<p>PH II-1</p>	<p>Day F Ch.:0+241 No Activity due to labor shift change Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>	<p>Day F Ch.:0+241 Night F Ch.:0+241 No Activity</p>
<p>PH II-2(1)+Ph. II- 2(2) (Left and Right)</p>	<p>Day II-2 RIGHT No Activity due to labor shift change II-2 LEFT No Activity due to labor shift change. Night F.Ch:0+241.0 II-2 RIGHT Side Ch.: 0+080-0+100 20:00-) Installation of supporting pins for</p>	<p>Day II-2 RIGHT Ch.:0+000.0~0+50.0 08:30~16:30) Installation of supporting bars for TRB Ch.:0+219.65~0+215.05 09:00~10:45) Grouting for TRB (03PCS) Location: R91- 2(138.8KG), R89- 2(94.1KG), R87- 2(66.5KG),</p>	<p>Day II-2 RIGHT Ch.: 0+200 - 080 14:00 - 17:00) cleaning of side drain Ch.:0+110- 000 08:30~14:00) Installation of supporting bars for TRB. Night</p>	<p>Day II-2 LEFT Ch.: 0+ 185 - 195 08:30 - 16:30) Grouting for TRBs (11 pcs) Location: L62- 4(72.3kg), L63-4 (74.2kg), L61-4 (69.8kg), L64-4 (91.7kg), L65-4 (47.5kg), L66-4 (76.1kg) L66-3</p>	<p>Day II-2 RIGHT Ch.: 0+164.25- 0+185 09:20 -15:30) installation of support bars for TRBs Ch.:0+ 180-0+210 08:00~11:30) Manual mucking & cleaning of side drain. II-2 LEFT Ch.: 0+</p>	<p>Day II-2 RIGHT Ch.: 0+164.25- 0+185 09:20 -15:30) installation of support bars for TRBs Ch.: 0+ 175-0+190 10:00~14:00) packing of TRBs Ch.: 0+ 220-0+200 14:00~17:00) Cutting of extra pipe of grouted TRB.</p>	<p>Day II-2 RIGHT Ch.: 0+126.5~0+200.0 14:00~14:00) Cutting of extra pipe of grouted TRBs Ch.: 0+161.0~169.5 08:30~16:22) Grouting for TRBs (14 pcs) Location: R41- 2,(75.3kg) R41- 3,(62.7kg) R42- 3,(59.3kg) R40-</p>

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	<p>Tension rock bolts.</p> <p>Il-2 Left Side Ch.: 0+045-0+25 20:00-01:30) Installation of supporting pins for Tension rock bolts Ch. 0+20:00-) Grouting of TRB (08 pcs) Location. L65-3 (1141.9), =connected with L64-3, L62-3 L 63-3 (118.0kg) = Connected with L65-3, L59-3 (57.5 kg), L61-3 (92.1kg), L 58-2 (102.5kg), L 56-2 (67.0kg) , L 62-2 (62.9kg) , L 60-2 (86.3kg), One grouting machine was breakdown</p>	<p>NO further grouting for TRB due to breakdown of grouting machine. Il-2 LEFT Ch.:0+~121.9-0+133.4 13:00-) Grouting for TRB (08PCS) Location: L4-3(70.2KG), L10-3(64.1KG), L12-3(69.5KG), L16-3(53.2KG), L14-3(62.5KG), L8-3(82.5KG), L6-3(66.9KG), L2-3(65.9KG) Ch.:0+010.0-0+030.0 08:30-14:00) Installation of supporting bars for TRB Ch.:0+100.0-0+080.0 08:00-16:30) Manual mucking & cleaning of side drain Note: Some labors moved to DTB at 10:30am Night F. Ch:0+241.0 Il-2 RIGHT Side 21:00-23:40) pull out test of rock dowel (1Pcs) Ch. 0+57 (Elongation =4.71 mm) Note UT Il-2 Left Side 21:00-23:40) pull out test of rock dowel (2pcs) Ch. 0+119 (Elongation =3.69 mm) Ch. 0+82.8 (Elongation =5.56 mm) 20:00-) Grouting of TRB (08 pcs)</p>	<p>Il-2 LEFT Ch.:0+~030 - 080 09:30 - 12:30) cleaning of side drain Ch.: 0+110 - 125 08:30 - 16:30) Grouting for TRBs (12pcs) Location: L6-4 (123.9 KG (Connected with L4-4), L7-4 (54.2kg), L8-4 (53kg), L4-4 (32.4 kg), L0-4 (85.5kg), L2-4 (48.5kg), L3-4 (122kg), L5-4 (68.8kg), L0-3 (82.9kg), L1-4 (64.2kg), -L1-3 (56.8kg), -L1-4 (76.4kg) Ch.:0+100 - 125 14:00-16:30) Installation of supporting bars for TRB Ch.:0+100.0-0+080.0 08:00-16:30) Manual mucking & cleaning of side drain</p>	<p>(64.6kg), L68-4 (81.5kg), L67-4 (79.6kg),L60-3 (75.1kg), L60-4 (176.7kg) Ch.: 110 - 130 15:30 - 17:00) cleaning of side drain Ch.: 145 - 165 09:30 - 11:30) installation of support bars for TRBs Night F. Ch:0+241.0 Il-2 RIGHT Side No activity Il-2 Left Side 21:30-) Grouting of TRB (11 pcs) Location. L49-4 (57.9kg) L50-3 (58.3kg) L 46-4 (51.5kg) L48-4 (53.8kg) L50-4 (59.7kg) L51-4 (125.4kg) L52-4 (44.7kg), L55-4(48.4 kg), L54-3 (63.8 kg), L56-4 (48.8 kg), L57-4 (80.5 kg)</p>	<p>220.8-0+112.7 08:30-16:40) Grouting for TRBs (11pcs) Location: L64-2 (41.8kg), L22-4 (65.9kg), -L3-4 (320.0Kg Connected with -L2-4 & Grout did not returned from both pipes), -L2-4 (61.4kg), R33-2 (70.6kg), L50-2(76.9Kg), R43-3 (111.3Kg), L59-4 (72.7Kg) R44-4 (59.6Kg) R88-2 (49.3Kg) R92-2 (59.1Kg) Night Ch:0+241.0 Il-2 RIGHT Side Ch.: 0+190-0+116 00:00-) Installation of TRB is in progress. (20 Pcs installed) Ch.:0+160-0+200 20:00-) Installation of supporting bar of PS Tendon is in progress. Il-2 Left Side Ch.: 0+180-0+200 20:00-1:00) Cutting of extra pipe of grouted TRB</p>	<p>Ch.: 0+ 170-0+200 15:30-) Installation of TRBs is in progress... Ch.: 0+ 152.75-0+141.45 08:30-) Grouting for TRBs (6pcs) Location: R29-5 (50.3Kg), R33-5 (55.3Kg), R31-5 (117.6Kg), R15-5 (174.9Kg), R13-5 (111.3Kg), R27-5 (58.00Kg) Il-2 LEFT Ch.: 0+241.0-0+220.0 08:00-17:00) Removing of scaffolding Platform Ch.: 0+020-09:00-17:00) installation of support bars for TRBs night F. Ch:0+241.0 Il-2 RIGHT Side Ch. 0+116.15-20:00-) Grouting of Tension rock dowels. (9 pcs grouted) Location. R1-5 (58.4kg) R5-5 (62.5kg) R9-5 (50.9 kg) R7-5 (102.3kg) R3-5 (131.2kg), -R01-5(92.7 kg), -R03-5 (114.9 kg), -R07-5 (107.2 kg), -R05-5 (68.3 kg) Ch.: 0+195-0+175 00:00-) Installation of TRB is in progress. (31 Pcs installed) Il-2 Left Side Ch.: 0+64-0+193 22:00-23:50) Survey and marking of missing rock dowels. 12:35-) Drilling for missing rock dowels 6m is in progress.</p>	<p>3,(65.4kg) R45-3(57.7kg) R47-2,(61.6kg), R46-2,(61.2kg) R45-2,(59.5kg), R43-2 (75.8kg), R46-3 (65.1kg), R42-2, (74.4kg),R44-3,(70.8kg),R47-3,(68.8kg),R49-3 (73.8Kg) F. Ch:0+241.0 Il-2 RIGHT Side Ch. 0+163-0+193 01:20-) Grouting and Installation of missing rock dowels 6m is in progress. Ch.: 0+164.45 ~ 0+170.2 00:30-) Grouting for TRBs Location. R43-4 (78.5kg) R45-4 (58.3kg) R46-4 (144.1kg) Il-2 Left Side Ch. 0+177.10-188.6 22:00-23:20) grouting and Installation of missing rock dowels 6m (4pcs done) Ch. 0+163-0+200 20:30-) Drilling for missing rock dowels 6m is in progress. Il-2 LEFT Ch.: 0+220.0+0+241.0 08:30-16:40) Dismantling of Scaffolding Platform Ch.: 0+150.0-0+200 08:00-16:50) Drilling for missing rock dowels 6m Ch.:0+140.0-0+210 10:40-11:40) Survey for missing rock dowels Ch.:0+064.4-0+165.6 10:40-) Grouting for missing rock dowels 6m (16 P cu) & is in progress... Used cement=500kg</p>
PH I-2 Left Crown	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day No Activity Night No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. No Activity
PH I-3 Right Crown	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and KO
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 2	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity

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Penstock Admit Tunnel towards Lower pressure Tunnel No 1-manifold area	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.
STB from Powerhouse Connection Tunnel	Day' F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day' > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 08:30 -) arrangements for installation of ventilation fan Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 08:30 - 13:30) arrangements for installation of ventilation fan Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 08:30 - 13:30) arrangements for installation of ventilation fan Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 14:30-) Arrangements for installation of ventilation fan Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 14:00-) Installation of ventilation fan Note: Traffic stopped in MAT after 14:00- due to installation of Ventilation fan at MAT- VAT Junction. Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Night Towards Right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 08:20-17:00) Installation & Welding for ventilation fan Towards left side Chamber #01 F.Ch.+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:+026.0(Approx.) No Activity Night Towards Right side Chamber #02 No activity OHS stopped work due to ventilation issue and access barricaded from MAT-VAT junction Towards left side Chamber #01 No Activity Note: Ventilation Problem.
INTAKE AREA	Day El: ▼0+978.0 Ch.:+150.0-0+180.0 No Activity due to ongoing work at CR 05-2	Day El: ▼0+978.0 Ch.:+150.0-0+180.0 No Activity due to ongoing work at CR 05-2	Day El: ▼0+978.0 Ch.:+150.0-0+180.0 08:00 - 09:30; 13:30 - 16:30) excavation and mucking	Day El: ▼0+978.0 Ch.:+150.0-0+180.0 08:30 -) breaking of boulders via jack hammer	Day El: ▼0+978.0 08:30 -) excavation and mucking	Day El: ▼0+978.0 8:0013:30 No Activity due to Rain 13:30-17:00 No Activity due to unviability of Dumpers	Day El: ▼0+978.0 8:00- 17:00) Excavation & mucking
Daywork	Switchyard+ExistingKKH	Switchyard+ExistingKKH	Switchyard+ExistingKKH	Switchyard+ExistingKKH	Switchyard+ExistingKKH	Switchyard+ExistingKKH	Switchyard+ExistingKKH
Switchyard Compounds	Day El: ▼ 960-958(4th layer left side) 10:10-11:20) 2nd layer shotcrete (Qty=5.0m³) El: ▼ 943 (3rd layer) 14:00-) Excavation & mucking El: ▼ 920.00 13:40-14:40) Charging	Night El: ▼ 950-942.0(5th layer right side) 07:30-09:30) Rectification of anchor bars El: ▼ 960.0-958.0(4th layer left side to center portion) 09:30-16:20) 2nd layer	Day El: ▼ 950-942.0(5th layer right side) El: ▼ 960.0-958.0(4th layer left side to center portion) El: ▼ 943 (3rd layer) 08:30-) Excavation & mucking Night	Day El: ▼ 950-942.0(5th layer right side) 09:00 - 10:00) installation of wire mesh extension on top Note: issue highlighted to contractor to spray 1st layer SC prior to installation	Day El: ▼ 950-942.0(5th layer right side) El: ▼ 956.0-960.0(4th layer left side to center portion) 10:00 -16:40) 2nd layer shotcrete (Qty = 18m3) El: ▼ 940 (3rd layer	Day El: ▼ 950-942.0(5th layer right side) El: ▼ 956.0-960.0 No Activity due to Rain El: ▼ 940 (3rd layer Left side) No Activity due to Rain	Night El: ▼ 950-942.0(5th layer right side) El: ▼ 950.0-0+942.0 14:47-) 2nd layer PS shotcrete Qty=5m & progress El: ▼ 920.0 8:00-12:00) Breaking of Boulder via jack hammer

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Date/ Day Location	8 Wednesday	9 Thursday	10 Friday	11 Saturday	12 Sunday	13 Monday	14 Tuesday
	for boulder blast (Exp=12.0kg, No of boulders=28) 15:00~) Blast carried out Night El: ▼950~960 (5th layer) No Activity	shotcrete (Qty=17.0m³) > 3m³ shotcrete Rejected due to lose slump & Shotcrete machine break down El: ▼ 943 (3rd layer) 14:00~) Excavation & mucking night El: ▼950~960 (5th layer) No Activity	El: ▼950~960 (5th layer) No Activity	El: ▼ 965.0~958.0(5th layer left side to center portion) 09:15 - 09:35) soundness test at fractured Shotcrete portion El: ▼ 943 (3rd layer) no activity due to slush No Activity	Left side) 7:00~17:00 Excavation & mucking Night El: ▼950~960 (5th layer) No Activity	Night El: ▼950~960 (5th layer) No Activity	El: ▼ 960.0~0+957.0 (4th layer Center portion Left side) 11:55~ 17:00) Drilling for shotcrete thickness test 10:00~11:40) Arrangement for day work removal of debris Material.
LU-1	Day No Activity	Day No Activity	Day No Activity	Day Ch.: 08:30 -) assembling of scaffolding pipe platform for wire mesh installation	Day Ch.: 240 - 250 08:30 -) installation of wire mesh (04 pcs)	Day Ch.: 240 - 250 No Activity due to Rain	Day Ch.: 240 - 250 8:40~10:50 Installation of wire mesh (Qty=21m2)
Date/ Day Location	8 Wednesday	9 Thursday	10 Friday	11 Saturday	12 Sunday	13 Monday	14 Tuesday
Tailrace Tunnels 1 and 2 CT2	Day F. Ch: 0+436.5 Ch.:0+434.5~0+436.5 11:20~15:40 Mucking & scaling 15:55~16:19) Mapping Qv=1.67 TRT-01 U/S Ch.: 1+578.0~7:00~11:20) Mucking Night F.Ch: 0+436.5 19:00~21:40) Drilling for blast 21:40~22:50) Charging for blast (Exp=210 kg) 23:05) Blast carried out TRT-01 U/S Ch.: 1+578.0~1+575.0 (U/S) 21:00~22:40) Charging for blast (Exp= 240 kg) 23:05) Blast carried out 23:40-) Mucking and scaling	Day F.Ch: 0+440.5 Ch.:0+436.5~0+440.5 07:00~08:00 Mucking & scaling 08:25~08:50) Mapping Qv=1.87 Ch:0+440.5~14:00~14:30) Survey for blast 14:30~18:00) Drilling for blast 18:00~18:50) Charging for blast 18:55) blast Carried out (Exp= 215Kg) TRT-01 U/S Ch.: 1+570.0~1+572 08:50~09:20) Mapping Qv=0.83 09:20~10:00) Scaling Ch.: 1+570.~1+578 13:00~14:00) 1st Layer shotcrete (Qty= 5m³) TRT-01 D/S 13:30~18:30) installation of wire mesh 42m2 Night F. Ch: 0+436.5 19:00~21:40)	Day F. Ch: 0+443.3 Ch. 433-440 07:00~12:00) Installation of Wire mesh TRT-01 U/S Night F. Ch: 0+436.5 19:00~21:40) Drilling for blast 21:40~22:50) Charging for blast (Exp=210 kg) 23:05) Blast carried out TRT-01 U/S Ch.: 1+578.0~1+575.0 (U/S) 21:00~22:40) Charging for blast (Exp= 240 kg) 23:05) Blast carried out 23:40-) Mucking and scaling	Day F.Ch: 0+446.5~(Approx.) Ch.:0+443.5~0+446.5 07:00~09:45) Drilling for blast 09:45~11:00) Charging for blast (Exp=210kg) 11:20) Blast carried out 11:50~15:30) Mucking & Scaling TRT-01 U/S Ch.: 1+570.0~No Activity Night F.Ch: 0+436.5 Ch. 0+429.2~0+443.0 20:00~) Drilling for rock dowels TRT-01 U/S Ch.: 1+570.0 No activity	Day F.Ch: 0+446.5~(Approx.) Ch:0+428.0~0+438.0 7:00~11:30 Installation of wire mesh only Right wall (Qty=73.5m2) Ch:0+379.0~0+405.0 9:00~11:00 Excavation of side Drain via jack hammer TRT-01 U/S Ch.: 1+577.5~1+1571.5 7:00~10:30) Drilling for rock dowels TRT-01 D/S F.Ch:1+1590.0 12:20~13:00 Survey for blast 13:20~) Drilling for blast is in progress Night F. Ch: 0+436.5 Ch. 0+429.2~0+443.0 20:00~) Drilling for rock dowels TRT-01 U/S Ch.: 1+570.0 No activity	Day F. Ch: 0+446.5~(Approx.) Ch.: 0+428.0~0+445.0 8:50~11:0 2nd layer Shotcrete Qty=14m³ TRT01 (U/S) F.ch:1+570.0 Ch.: 1+577.5~1+571.5 8:20~12:00 Grouting & installation of Rock dowels Qty=35pcs & 9pcs Rejected due to face plates are not contact with Shotcrete Surface. L=4m Die=32mm Ch:1+570.0 12:50~13:40 Survey for blast 14:20~18:00) Drilling for blast 18:00~) Charging for blast Night F. Ch: 0+436.5 No activity TRT-01 U/S Ch:1+590.0~day ~20:30) Charging for blast (Exp=200kg) 20:37) Blast carried out	Day F.Ch: 0+446.5 (Junction OF TRT=02) Ch:0+446.5 8:30~9:15) Survey for Blast 9:00~12:50) Drilling for blast 13:00~14:20) Charging for blast (Exp=200kg) 14:25) Blast carried out 15:10~) Mucking is in progress TRT-01 (D/S) F.ch:1+593.5 Ch:1+590.0~1+593.5 7:10~8:00) First layer of 2nd pass Shotcrete (Qty=7m³ PS) Night F.Ch: 0+436.5 No activity
Exhaust Tunnel	Day Exhaust shafts EL ▼780.4 (10th round) Ch.: 0+018~0+20.0 08:00~17:00) Drilling for blast Night Exhaust tunnels EL ▼780 (10th round) Ch.: 0+018~20:30~) Drilling for Blast	Day Exhaust shafts EL ▼780.4 (10th round) Ch.: 0+018~0+20.0 08:00~13:30) Drilling for blast 14:20~15:50) Charging for blast (Exp=34Kg) 16:03) Blast carried out Night Exhaust tunnel EL ▼780 (10th round) Ch.: 0+018~20:30~) Drilling for Blast	Day Exhaust shaft EL ▼780.4 (10th round) Ch.: 0+018~0+20.0 08:00~17:00) Mucking & Scaling Night Exhaust tunnels EL ▼780 (10th round) Ch.: 0+018~20:30~) Drilling for Blast	Day Exhaust shafts EL ▼782.4 (10th round) Ch.: 0+018~0+20.0 11:00~13:30) 1st layer shotcrete (Qty=4m³) Night Exhaust tunnels EL ▼780.4 (11th round) Ch.: 0+020~20:30~) Drilling for Blast	Day Exhaust shafts EL ▼780.4 (11th round) Ch.: 0+020~08:30~16:50) Drilling for Blast Night Exhaust tunnels EL ▼780.4 (11th round) Ch.: 0+020~20:30~23:20) Drilling for Blast	Day Exhaust shaft EL ▼780.4 (11th round) Ch.: 0+020~09:45~11:00) Charging for blast Exp=36kg 12:48) Blast carried out 14:30~16:00) Manual mucking Night Exhaust tunnel EL ▼780.4 (11th round) Ch.: 0+020 20:00~23:00) Drilling for rock dowels 00:10~01:20) Grouting for rock dowels 8pcs	Day Exhaust shafts EL ▼780.4 (11th round) Ch.: 0+020~9:30~11:30) 1st layer shotcrete SF (Qty=4M³) 13:00~16:30) Cleaning of invert Night Exhaust tunnels EL ▼780.4 (11th round) Ch.: 0+020
ADFT	Day R/S Crown Enlargement Ch:0+043.0~0+048.0 08:30~15:00) Rectification of wire mesh 16:40~17:50) 2nd layer shotcrete (Qty= PS 16m³) L/S Crown Enlargement Ch:0+042~0+050 08:00~11:00) Installation of wire mesh 12:30~16:40) Rectification of wire mesh done and allowed for shotcrete Night ADFT R/S Crown Enlargement Ch:0+050~0+035 21:10~22:20) 2nd pass of 1st layer shotcrete	Day R/S Crown Enlargement Ch:0+043.0~0+048.0 No activity after 08:00~10:00 due to breakdown of excavator at 0+180.0 L/S Crown Enlargement Ch:0+039.4~0+051.5 16:30~17:30) Survey for rock dowel No activity after 08:00~10:00 due to breakdown of excavator at 0+180.0 Night ADFT R/S Crown Enlargement Ch:0+050~0+035 21:10~22:20) 2nd pass of 1st layer shotcrete	Day R/S Crown Enlargement Ch:0+038.5.0~0+049.0 09:00~17:00) Drilling for rock dowels L/S Crown Enlargement Ch:0+039~0+051 12:00~16:00) Grouting for Rock dowels (15 pcs) cement used = 250 kg Night ADFT R/S Crown Enlargement Ch:0+050~0+035	Day R/S Crown Enlargement Ch:0+037.0~0+049.5 13:00~) Grouting for rock dowels (16 Pcs) is in progress L/S Ch:0+039.0~0+050.0 09:00~11:00) Grouting for rock dowels (08 Pcs) Night ADFT R/S Crown Enlargement Ch:0+038.0~0+48.5 21:00~00:00) Grouting and installation of rock dowels (24pcs grouted) 01:30~02:00) 2nd	Day R/S Crown Enlargement Ch:0+051.5~13:00~13:30) Survey for blast 13:30~16:05) Drilling for blast 16:10~18:00) Charging for blast Exp=75kg 18:35) Blast carried out L/S Ch:0+054.0~08:00~09:15) Drilling for blast 09:30~11:30) Charging for blast (Exp = 57kg) 18:35) Blast carried out	Day R/S Crown Enlargement Ch.: 0+051.5~0+054.0 8:00~11:00) Mucking and scaling Ch.:0+051.5~0+054.0 (Approx.) 14:30~15:00) Shotcrete 1st layer PS Qty=6m³ L/S Ch:0+054.0~No activity Night ADFT R/S Crown Enlargement Ch.: 0+052.5~ (Full Section) 20:40~21:00) Survey for blast 21:30~03:10) Drilling for blast	Day R/S Ch.: 0+52.5~0+54.0 15:00~) Mucking is in progress... L/S Ch:0+40.0~0+056.0 8:00~10:00) Scaling and levelling. Night ADFT R/S Crown Enlargement Ch.: 0+054. No activity

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	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity	F. Ch: 0+241.0 (D/S) No Activity
PH I 1 Center Crown	Day F. Ch:0+241.0(D/S) Ch.: 0+110.3 10:00-14:30) Arrangements for installation of extensometer 14:45-) Installation of extensometer is in progress... Night Ch.: 0+241.0 Ch. 0+110.3- 23:00-01:00) Shifting of drilling machine Ch.: 0+230- 01:00-) Arrangement for drilling of PS Tendon by XY drilling machine Ch.: 0+002.3-0+011.5 20:30-2:00) Drilling for missing rock dowels. 2:00-3:30) Installation and packing of missing rock dowels (11 pcs)	Day F. Ch:0+241.0(D/S) Ch.: 0+110.3 09:00-11:30) Installation of Axial force transducer 12:20-15:20) Grouting of extensometer & Axial force transducer Night Ch.: 0+241.0 Ch. 0+110.3- 23:00-01:00) Shifting of drilling machine Ch.: 0+230- 01:00-) Arrangement for drilling of PS Tendon by XY drilling machine Ch.: 0+002.3-0+011.5 20:30-2:00) Drilling for missing rock dowels. 2:00-3:30) Installation and packing of missing rock dowels (11 pcs)	Day F. Ch:0+241.0(D/S) Ch.: 0+110.3 Night Ch.: 0+241.0 Ch. 0+110.3- 23:00-01:00) Shifting of drilling machine Ch.: 0+230- 01:00-) Arrangement for drilling of PS Tendon by XY drilling machine Ch.: 0+002.3-0+011.5 20:30-2:00) Drilling for missing rock dowels. 2:00-3:30) Installation and packing of missing rock dowels (11 pcs)	Day F. Ch:0+241.0(D/S) Ch.: 0+045.0 08:30-17:00) Arrangements for extensometer Drilling Night Ch.: 0+241.0 Ch.: 0+045.0 20:00-01:40) Arrangements for extensometer Drilling 02:00-) Drilling for Extensometer Ch.: 0+145-0+150 20:30-) Installation of bearing plates of PS tendon.	Day F. Ch:0+241.0(D/S) Ch.: 0+045.0 08:00-17:00) Drilling for Extensometer 5m is drilled. Night Ch.: 0+241.0 Ch.: 0+045.0 02:00-) Drilling for Extensometer is in progress. Ch.: 0+145-0+150 20:30-) Installation of bearing plates of PS tendon.	Day F. Ch:0+241.0(D/S) Ch.: 0+045.0 08:50-15:26) Drilling for Extensometer 26m drilled Ch.:0+210.45 14:43-) Installation of formwork for PS tendon anchor head Night Ch.: 0+241.0 Ch.: 0+045.0 21:30-) Drilling for Transducer meter is in progress. Ch.: 0+145-0+160 20:30-) Installation of bearing plates of PS tendon	Day F. Ch:0+241.0 Ch.:0+45.0 9:00-) Arrangements for installation of extensometer is in progress... Night Ch.: 0+241.0 Ch.: 0+045.0 21:30-) Drilling for Transducer meter is in progress. Ch.: 0+145-0+160 20:30-) Installation of bearing plates of PS tendon
PH II 2	Day Ch.: 0+241.0 Ch. 0+110.3- 23:00-01:00) Shifting of drilling machine Ch.: 0+230- 01:00-) Arrangement for drilling of PS Tendon by XY drilling machine Ch.: 0+002.3-0+011.5 20:30-2:00) Drilling for missing rock dowels. 2:00-3:30) Installation and packing of missing rock dowels (11 pcs) Night F Ch.:0+241 Ch.: 0+241.0-0+230 20:00-) Shifting of scaffolding pipes	Day F Ch.:0+241 No Activity Night F Ch.:0+241 Ch.: 0+241.0-0+230 20:00-) Shifting of scaffolding pipes	Day F Ch.:0+241 No Activity Night F Ch.:0+241 F Ch.:0+241.0-0+230 20:00-) Shifting of scaffolding pipes	Day F Ch.:0+241 No Activity Night F Ch.:0+241 No Activity	Day F Ch.:0+241 No Activity Night F Ch.:0+241 No Activity	Day F. Ch:0+241.0- Approx. Night F. Ch:0+241.0- Approx. No Activity	Day F. Ch:0+241.0- Approx. Night F. Ch:0+241.0- Approx. No Activity
- PH II-2(1) +Ph. II-2(2) (Left and Right)	Day II-2 RIGHT Ch.: 0+115.0-0+100.0 08:30-13:00) Cutting of extra pipe of grouted TRBs Ch.: 0+207.0-0+170.0 08:37-11:11) Drilling for missing rock dowels 6m Ch.: 0+213.9-0+202.4 10:22-10:50) Grouting for remaining rock dowels 6m (9 Pcs) Used cements = 100Kg Ch.: 0+173.65-0+181.7 08:40-17:00) Grouting for TRBs (13pcs) Location: R51-4, (63.7kg) R54-3, (60.4kg) R52- 3, (59.2kg) R53- 3, (60.3kg), R51- 3(71.8kg), R57-4 (62.4kg), R58-4 (73.3kg), R56-4 (71.8kg), R56-3 (79.0kg), R55-3 (96.1kg), R53-4 (78.3kg), R57-3 (83.0kg), R59-4 (79.9kg). Night II-2 LEFT Ch.: 0+110.0-241.0 08:30-17:00) Cutting of extra pipe of grouted TRBs Ch.: 0+151.8-0+195.8 14:20-17:00) Grouting for remaining rock dowels 6m (8 Pcs) Used Cement =150Kg	Day II-2 RIGHT Ch.: 0+165.0-0+180.0 08:30-17:00) Cutting of extra pipe of grouted TRBs Ch.: 0+223.1-241.0 08:35-12:00) Drilling for TRBs 7m Ch.: 0+2.3-0+11.5 09:45-15:00) Grouting for remaining rock dowels 6m (15 Pcs) Cement used=250kg Ch.: 0+181.7-0+186.3 08:40-17:00) Grouting for TRBs (08 pcs) Location: R58-2 (60.7kg), R60-2 (59.2kg), R61-2 (60.3kg), R60- 3(57.0kg), R61- 3(92.0kg), R62- 4(76.8kg), R61- 4(95.2kg),R64-4 (75.1kg) II-2 LEFT Ch.: 0+223.1- 08:35-13:30) Drilling for rebar cutting with XY Machine Ch.: 0+110.0-0+200.0 08:30-17:00) Manually Mucking & Cleaning of side drain. Ch.: 0+100.0 08:00-14:35) Repairing & Welding of platform. Night F. Ch:0+241.0 II-2 RIGHT Side Ch.: 0+ 21:00-) Grouting for TRBs (10 pcs) Location. R51-2 (71.4 kg), R50-2(56.5 kg), R56-5(188.9 kg), R58- 5(126.8 kg), R58- 3(140.3 kg), R55-2(54.5 kg), R56-2(47.2 kg), R52-2(90.8 kg), R53-2(92.9 kg), R54-2(86.6 kg)	Day II-2 RIGHT Ch.: 0+233.45- 14:00-17:00) Drilling for rebar cutting Ch.: 0+052.9-0+070.15 08:30-17:00) Grouting for TRBs (11 pcs) Location: -R55- 5(75.8 kg), -R53- 5(65.9 kg), -R51- 5(83.1 kg), -R43-5 (65.4kg), -R45-5 (85.4kg), -R47-5 (63.0kg),L44-4(70.8 kg), -R49-5 (79.0kg), -R57-5 (72.2kg), - R39-5 (59.2kg), -41- 5 (82.4kg) II-2 LEFT No Activity Night F.Ch:0+241.0 II-2 RIGHT Side Ch. 0+ 47.15- 21:30-) Grouting of TRBs Location: -R59-5 (109.6kg), - R61-5 (56.9kg), - R63-5 (68.6kg), - R65-5 (68.8kg), - R33-5 (84.8kg), - R37-5 (232.7kg), - R35-5 (68.6kg) II-2 Left Side Ch. 0+190.9-0+235.5 01:35-) Grouting and Installation of rock dowel bottom, (12pcs grouted) Ch.: 0+150-0+200.0 20:30-) Cutting of Extra Pipe of grouted rock dowels.	Day II-2 RIGHT Ch.: 0+233.45- 14:00-17:00) Drilling for rebar cutting Ch.: 0+052.9-0+070.15 08:30-17:00) Grouting for TRBs (11 pcs) Location: -R55- 5(75.8 kg), -R53- 5(65.9 kg), -R51- 5(83.1 kg), -R43-5 (65.4kg), -R45-5 (85.4kg), -R47-5 (63.0kg),L44-4(70.8 kg), -R49-5 (79.0kg), -R57-5 (72.2kg), - R39-5 (59.2kg), -41- 5 (82.4kg) II-2 LEFT No Activity Night F.Ch:0+241.0 II-2 RIGHT Side Ch. 0+ 47.15- 21:30-) Grouting of TRBs Location: -R59-5 (109.6kg), - R61-5 (56.9kg), - R63-5 (68.6kg), - R65-5 (68.8kg), - R33-5 (84.8kg), - R37-5 (232.7kg), - R35-5 (68.6kg) II-2 Left Side Ch. 0+190.9-0+235.5 01:35-) Grouting and Installation of rock dowel bottom, (12pcs grouted) Ch.: 0+150-0+200.0 20:30-) Cutting of Extra Pipe of grouted rock dowels.	Day II-2 RIGHT Ch.:0+189.75-0+198.9 5 08:50-11:30) Packing of TRBs 07m. II-2 LEFT Ch.: 0+224.25-0+200.0 09:29-) Drilling for missing rock dowels CH:0+240.0-0+220.0 09:17-17:00) Installation & packing of 07m TRBs (13pcs) Night F.Ch:0+241.0 II-2 RIGHT Side Ch. 0+200.1 ~ 0+182.85 21:00-) Grouting for TRBs Locations. R73-3 (52.8kg), R71-3 (69.8kg), R70-3 (122.7kg), R67-3 (64.1kg) R69-3 (58.5kg), R68-3 (72.0kg) Ch.:0+161-0+145 20:30- 03:25) Installation of Tension rock bolts 7m II-2 LEFT Ch. 0+140-0+200 20:00-) Invert Cleaning by manually	Day II-2 RIGHT Ch.:0+146.05-0+195.5 9:00-17:00) Grouting of TRBs 07m. (17 Pcs) Locations:-R39-2 (91.2KG), R 28-2 (63.3KG), R30- 2(63.6KG), R32- 2(99.7KG), R35-2(174.9KG) R36- 3(63.8KG), R37-3 (80.9KG) R39- 3(66.4KG, R29- 2(71.8KG), R31- 2(86.3KG), R34- 2(146.1KG) R36- 2(112.5KG), R37- 2(99.4KG), R38- 3(111.5KG) R27-3 (68.4KG) Ch.: 0+092.0-0+25.3 15:30-) Installation of bearing plate for TRBs Ch.:0+223.1-240.35 9:00-17:00) Installation & packing of 07m TRBs (Qty=15Pcs) II-2 LEFT CH:0+220.0-0+200.0 8:30-17:00) Installation of 07m TRBs (Qty=9Pcs) CH:0+238.0 13:00-14:00) Drilling for missing rock dowels Night F.Ch:0+241.0 II-2 RIGHT Side Ch. 0+200.1 ~ 0+182.85 21:00-) Grouting for TRBs Locations. R73-3 (52.8kg), R71-3 (69.8kg), R70-3 (122.7kg), R67-3 (64.1kg) R69-3 (58.5kg), R68-3 (72.0kg)	

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		2(92.9 kg), R54-2(86.6 kg)					Ch.:0+161-0+145 20:30- 03:25) Installation of Tension rock bolts 7m
		II-2 Left Side Ch.: 0+135-0+181 20:30-) Cutting of Extra Pipe of grouted rock dowels					II-2 LEFT Ch. 0+140-0+200 20:00-) Invert Cleaning by manually
PH I 2 Left crown	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. NIGHT F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity
PH I 3 Right crown	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0(D/S) No Activity Note MT are on strike due to their internally issue between local and Kashmiri operators.
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 2	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02 PAT 2 Plug Area No Activity
Penstock Admit Tunnel towards Lower pressure. Manifold area Tunnel No 1	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity
STB from powerhouse connection tunnel	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.
Surge Chamber Vault Access Tunnel (VAT)+ Vault Gallery	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction 14:00-17:00) Welding of additional support for ventilation fan	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. VAT-MAT Junction	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM.	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. Towards left side Chamber #01	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. Towards left side Chamber #01	Day > Note: WORK STOPPED AND ACCESS BARRICADED FROM VAT-MAT JUNCTION BY OHS DUE TO VENTILATION PROBLEM. Towards left side Chamber #01 F.Ch.0+067.5.	Day Towards left side Chamber #01 F.Ch.0+067.5. Towards right side Chamber #02 F.Ch.:0+026.0(Approx.) No Activity Night Towards Right side Chamber #02

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	<p>Ch:1+572.5-1+570.5.5 (U/S) 11:00-13:00 Drilling for Rock dowels 14:00-16:30) Grouting & installation of Rock dowels (Grouted=22pcs) Ch. 1578.5-0+1574.5 16:30-17:30) Grouting for missing rock dowels (Grouted=8pcs) Ch:1+588.0-1+592.0(D/S) 8:30-11:00) Drilling for Rock dowels (3Rows) Night Ch:1+588.0-1+592.0(D/S) 21:30-01:30) Grouting for Rock dowels (Grouted=33PCS) Waiting for shotcrete</p>	<p>Ch:1+593.5 (D/S) 08:30 - 12:15) drilling for blast 12:30 - 14:00) charging for blast 14:13) blast carried out 14:45-) mucking Note: Contractor has installed 2 layers of wire mesh one above the other without providing shotcrete in between at Ch.: 1+577.5-1+567.0 Issue highlighted to the contractor Night F.Ch 1+567.5 02:00-02:45) Survey for blast 03:00-06:30) Drilling for blast Ch.: 1+577.5-1+567.5 (U/S) 22:00-23:00) Rectification of wire mesh & rock dowels plates 00:50-02:10) 2nd layer shotcrete PS (Qty=16m³)</p>	<p>Ch:1+567.5 (U/S) 7:00-8:45) charging for blast (Exp=210KG) 9:00-) blast carried out 10:00-14:20) mucking & Scaling 15:00-15:45) Mapping (Qv=0.20) 17:30-18:20) 1st layer shotcrete (PS Qty=5m³) F.Ch:1+590.5 (D/S) Approx. 15:00-18:30) Installation of 1st layer wire mesh Night Ch:1+567.5 (U/S) 7:00-8:45) charging for blast (Exp=210KG) 9:00-) blast carried out 10:00-14:20) mucking & Scaling 15:00-15:45) Mapping (Qv=0.20) 17:30-18:20) 1st layer shotcrete (PS Qty=5m³) F.Ch:1+590.5 (D/S) Approx. 15:00-18:30) Installation of 1st layer wire mesh</p>	<p>F.Ch:1+561.5 (U/S) Ch.: 1+568.5-1+566.5 12:00 - 15:00) Grouting & Installation of Rock dowels (19 pcs) Ch.: 1+567 - 1+562 16:00 -) 2nd layers shotcrete in progress Qty = 07m³ F.Ch.: 1+597 (Approx.) Ch.: 1+594 - 1+596 15:10 - 17:00) Grouting & Installation of Rock dowels in progress (22pcs) NIGHT F.Ch:1+564.5 (U/S) 22:30-23:00) Survey for blast 23:30-) Drilling for blast is in progress F.Ch.: 1+597 (Approx.) Ch.: 1+594 - 1+596 20:00-21:10) 2nd layer shotcrete (Qty=7m³)</p>	<p>F.Ch:1+561.5 (U/S) 07:00 - 11:40) mucking and scaling 11:50 - 12:30) mapping Qv = 3.0 F.Ch.: 1+597 (Approx.) Note: No activity after 12:30-19:00 due to electricity problem at CT-02. An electric supply line was damaged on KKH. Night F.Ch:1+561.5 (U/S) 22:40-23:50) 1st layer shotcrete (PS Qty=08.0m³) F.Ch.: 1+597 (Approx.) No activity</p>	<p>F.Ch:1+561.5 (U/S) Ch:1+564.5-1+561.0 13:00-16:00 Installation of First layer wire mesh F.Ch: 1+596.5 15:00-15:30) Survey for blast 16:00-) Drilling for blast is in progress Night F.Ch:1+561.5 (U/S) Activity F.Ch: 1+596.5 (D/S) Day-21:10) Drilling for blast 21:20-22:25) Charging for blast (Exp=240kg) 22:50-) Mucking is in progress</p>	<p>F.Ch:1+561.5 (Upstream) Ch.: 1+564.5-1+561.0 8:00-9:00 Rectification of first layer wire mesh 9:30-10:15 2nd layer PS shotcrete (Qty=5m³) Ch.: 1+571.0-1+564.0 10:27-11:20 2nd layer of 2nd Pass PS shotcrete (Qty=4m³) Ch.: 1+562.5. F.Ch:1+599.5 (D/S) Ch:1+593.5-1+599.0 20:00-21:00) Installation of 1st layer wire mesh Ch. 1+598.0 D/S 21:20-23:40) Grouting for rock dowels 6pcs grouted 2pcs rejected wrong angle drilled</p>
Tailrace 02 outlet from CT-2	<p>Day (Junction OF TRT=02) F./0+446.5 15:00-13:00 Survey for blast 15:30-18:00) Drilling for blast 18:00-18:40) Charging for blast (Exp=210kg) 18:55) Blast carried out Night F. Ch: 0+446.5 19:30-22:30) Mucking and scaling Waiting for shotcrete</p>	<p>Day (Junction OF TRT=02) F./0+446.5 Night F. Ch: 0+446.5 19:30-22:30) Mucking and scaling Waiting for shotcrete</p>	<p>Day Ch:1+567.5 (U/S) 7:00-8:45) charging for blast (Exp=210KG) 9:00-) blast carried out 10:00-14:20) mucking & Scaling 15:00-15:45) Mapping (Qv=0.20) 17:30-18:20) 1st layer shotcrete (PS Qty=5m³) F.Ch:1+590.5 (D/S) Approx. 15:00-18:30) Installation of 1st layer wire mesh Night F.Ch:0+564.5 (U/S) Ch.: 1+567.5-1+</p>	<p>DAY F. Ch: 0+455.5 (Junction OF TRT=02) 7:00-8:10 Drilling for blast 8:15-9:30 Charging for blast (Exp=130KG) 9:41 Blast carried out 10:15-15:30) Mucking Night F. Ch: 0+446.5</p>	<p>Day F.Ch: 0+455.5 (Junction OF TRT=02) F. Ch: 0+446.5</p>	<p>Day (Junction OF TRT=02) Ch0+451.0-0+455.5 7:00-9:30 Drilling for Additional blast 9:40-10:50 Charging for blast (Exp=100KG) 10:57 Blast carried out 11:30-13:00) Mucking & scaling Night F.Ch: 0+446.5 No activity</p>	<p>Day Upstream F. Ch:1+539.0 14:40-15:10 Survey For blast Downstream F.Ch:1+548.0 15:10-15:50 Survey For blast 16:00-) Drilling for blast (without Approved AFI) Night F.Ch:1+639.0(U/S) No activity F.Ch:1+648.0 (D/S) 20:00-00:00) Drilling for blast 00:00-01:10) Charging for blast 01:23)</p>
Exhaust Tunnel	<p>Day Exhaust shafts EL ▼780.4 (11th round) Ch.: 0+020-20:00-11:00) Drilling for blast 13:00-14:50) Cleaning of holes 15:45-16:50) Charging for blast Exp=40kg 16:56) Blast carried out Night Exhaust tunnels EL ▼778.4 (11th round) Ch.: 0+021.50-20:20-02:00) Drilling for rock dowels 02:40-03:20) Grouting for rock dowels (Grouted=6pcs) Note: Excavation of Exhaust shaft has been completed.</p>	<p>Day Exhaust shaft Enlargement Breakthrough complete 09:00-) Manual mucking and cleaning Night Exhaust tunnels No activity</p>	<p>Day Exhaust shaft Ch.: 020 -022 14:00 - 15:00) 1st layer shotcrete Qty = 05m³ Night Exhaust tunnels No activity</p>	<p>Day Exhaust shaft Ch.: 020 -022 11:00-12:00) Shotcrete First layer 2nd Go (Qty=3m³) Night Exhaust tunnels No activity</p>	<p>Day Exhaust shaft Ch.: 020 -022 Note: CONTRACTOR IS NOIFIED TO REMOVE THE EXCAVATED MATERIAL BELOW EXHAUST SHAFT FOR PROPER VENTILATION Night Exhaust tunnel No activity Note: CONTRACTOR IS NOIFIED TO REMOVE THE EXCAVATED MATERIAL BELOW EXHAUST SHAFT FOR PROPER VENTILATION</p>	<p>Day Exhaust shaft Ch.: 020 -022 Note: CONTRACTOR IS NOIFIED TO REMOVE THE EXCAVATED MATERIAL BELOW EXHAUST SHAFT FOR PROPER VENTILATION Night Exhaust tunnels No activity Note: Contractor is notified to remove the excavated material below exhaust shaft for proper ventilation,</p>	<p>Day Exhaust shaft Ch.: 020 -022 Note: CONTRACTOR IS NOIFIED TO REMOVE THE EXCAVATED MATERIAL BELOW EXHAUST SHAFT FOR PROPER VENTILATION Night Exhaust shaft Ch.: 020 -022 Note: CONTRACTOR IS NOIFIED TO REMOVE THE EXCAVATED MATERIAL BELOW EXHAUST SHAFT FOR PROPER VENTILATION</p>
ADFT	<p>Day R/S Ch:0+50.0-0+55.50 14:15:15:00) 1st layer 2nd goes Shotcrete PS (Qty=6m³) L/S Ch:0+058.0 No activity Night R/S F.ch 0+55.50 02:00-02:30) Survey for blast 02:40-) Drilling for blast</p>	<p>Day R/S Towards TR02 Ch.: 0+55.5 (0+000 - 013.4 - 2nd round) 08:30 - 12:00) Drilling for full face blast (no of holes=120) 13:15- 15:30) Charging for blast (Exp = 150kg) 15:47 -) blast carried out mucking not started yet L/S Towards TR01 Ch:0+058.0 (0+000 - 013.4 - 2nd round) CHARGING WAS DONE SINCE NIGHT BUT BLAST DID NOT</p>	<p>Day R/S Towards TR02 Ch.: 0+55.5 (0+000 - 013.4 - 2nd round) 16:00 - 16:40) 1st layer shotcrete Qty = 06m³ L/S Towards TR01 Ch:0+058.0 (0+000 - 013.4 - 2nd round) 8:30- 12:00) Mucking and scaling Night</p>	<p>Day R/S Towards TR02 no activity - Enlargement is complete L/S Towards TR01 no activity - Enlargement is complete. Night R/S Towards TR02 Ch.: 0+57.5 (0+000 - 013.4 - 2nd round) No activity due to unavailability of</p>	<p>Day R/S Towards TR02 no activity - Enlargement is complete L/S Towards TR01 no activity - Enlargement is complete. Night R/S Towards TR02 Ch.: 0+57.5 (0+000 - 013.4 - 2nd round) No activity due to unavailability of</p>	<p>Day R/S Towards TR02 no activity - Enlargement is complete L/S Towards TR01 no activity - Enlargement is complete. Night R/S Towards TR02 Ch.: 0+57.5 (0+000 - 013.4 - 2nd round) No activity due to unavailability of</p>	<p>Day R/S Towards TR02 no activity - Enlargement is complete L/S Towards TR01 no activity - Enlargement is complete. Night Ch.: 0+065.5 Approx. (0+000 - 013.4 - 3rd round) 8:00-11:15) Mucking and scaling</p>

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	<p>L/S Ch.: 0+058.0 - 21:00-02:00) Drilling for blast 02:30-) Charging for blast (Exp=200.0KG)</p> <p>Note: Charging stopped due to contractor used unsafe platform (Excavator bucket), Issue highlighted CGGC OHS & QC staff.</p>	<p>CARRY OUT DUE TO CONTRACTOR'S MISMANAGEMENT: 11) blast carried outmucking not started yet</p> <p>Night</p> <p>R/S Towards TR02 Ch.: 0+55.5 (0+000 - 013.4 - 2nd round) Mucking and scaling</p>	<p>R/S Towards TR02 Ch.: 0+57.5 (0+000 - 013.4 - 2nd round) No activity due to unavailability of resources</p> <p>L/S Towards TR01 Ch:0+060.0 (0+000 - 013.4 - 2nd round) 19:50-20:20) Mapping Q=1.5 21:30-22:00) 1st layer shotcrete PS (Qty=7m³) No Further activity due to unavailability of resources</p>	<p>resources</p> <p>L/S Towards TR01 Ch:0+060.0 (0+000 - 013.4 - 2nd round) No activity due to unavailability of resources</p>	<p>resources</p> <p>L/S Towards TR01 Ch:0+060.0 (0+000 - 013.4 - 2nd round) No activity due to unavailability of resources</p>	<p>resources</p> <p>L/S Towards TR01 Ch:0+060.0 (0+000 - 013.4 - 2nd round)</p>	<p>12:15- 12:30) Mapping Qv= 3.43 Ch.:0+63.5-0+65.5 15:00-15:45) Shotcrete first layer PS Qty =4m³ & 2m³ is rejected due to jumbo breakdown and hard slump.</p> <p>> No QA/QC person present at site.</p>
TRT01 FROM CT 1				<p>DAY Ch.:0+060.0 (0+000 - 013.4 - 2nd round) no activity. NIGHT NO Activity</p>	<p>Day Ch.: 0+061.0 (0+000 - 013.4 - 2nd round) 9:00- 9:30) Survey for blast 9:30- 12:00) Drilling for blast for 3rd round (127 holes) 13:00-15:00) Charging for blast (Exp = 150KG) 15:11) Blast carried out 16:20-) Mucking is in progress... Night Ch:0+061.0 (0+000 - 013.4 - 2nd round)) 20:00-23:30) Mucking & scaling</p> <p>Note: >No further activity due to unavailability of water supply after 01:00am</p>	<p>Day Ch.:0+063.5.0 (0+000 - 013.4 - 2nd round) 09:30 - 10:00) Survey for third round blast Night Ch:0+063.5.0 (0+000 - 013.4 - 3rd round) 21:45-01:00) Drilling for blast 01:40-03:30) Charging for blast (Exp=150kg) Waiting for blast</p>	<p>Day Ch.: 0+065.5 Approx. (0+000 - 013.4 - 3rd round) 8:00-11:15) Mucking and scaling 12:15- 12:30) Mapping Qv= 3.43 Ch.:0+63.5-0+65.5 15:00-15:45) Shotcrete first layer PS Qty =4m³ & 2m³ is rejected due to jumbo breakdown and hard slump.</p> <p>> No QA/QC person present at site. Night Ch:0+063.5.0 (0+000 - 013.4 - 3rd round) No activity</p>
TRT01 FROM CT 2				<p>Day Ch.: 0+57.5 (0+000 - 013.4 - 3rd round) Night Ch.: 0+57.5 (0+000 - 013.4 - 3rd round) 20:00-20:30) survey for blast 20:30-01:40) Drilling for blast 02:30-) Charging for blast (Exp=135.0kg)</p>	<p>Day Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) 8:30-14:00) Mucking, scaling, and making of ramp 14:15-14:45) Mapping Qv=3.1 16:20-16:57) First layer shotcrete Qty=4.0m³ Night Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch. 0+50-0+55 20:00-01:30) Fixing of wire mesh (08PCS) Note: >No further activity due to unavailability of water supply after 01:00am</p>	<p>Day Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+ 050 - 054.5 11:00 - 11:30) Survey for rock dowels 14:00 - 16:30) Drilling for rock dowels Night Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+ 050 - 054.5 20:00-21:30) Drilling for rock dowels</p>	<p>Day Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+ 050 - 054.5 9:00-11:15) Installation and packing of rock dowels (Qty=21pcs) Night Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+ 050 - 054.5 No activity</p>
TC I 1	<p>Day F.Ch:0+241.0 I-1, I-2, I-3 09:00-) Water pressure test is in progress... Location: P11-6(1.0 l/m),P10-7(2.0 l/m),P11-7(2.8 l/m),P10-6(1.1 l/m),P8-7(1.9m/l),P7-6(4.1l/m),P9-6(1.2l/m),P8-6(1.2l/m),P9-7(1.3 l/m),P7-7(1.6l/m)</p> <p>Ch.:0+115.5 14:00-15:00) Drilling for PS tendon up to 10M Note: Drilling jumbo are breakdown after 15:00 pm</p> <p>Ch.: 0+230.5- 14:00 Drilling for PS tendon up to 10meters in progress...</p> <p>Note: Contractor once again reminded to remove dull/fractured shotcrete. Night F.Ch:0+241.0 I-1, I-2, I-3 Ch. 220.5-</p>	<p>F. Ch:0+241.0 I-1, I-2, I-3 09:00-10:00) Backfill grout for failed water pressure test. Grouting stopped at 10:15 due to machine problem Location: TC.P11-1 (184.4kg), Ch.:0+115.5 08:30-) Drilling for PS tendon up to 10M Location TC.P 43-8, 9 42-6, 7, 9 Note: Contractor once again reminded to remove dull/fractured shotcrete.</p> <p>Night</p> <p>F.Ch:0+241.0 I-1, I-3 Ch. 200.50- 20:30-) Drilling for PS tendon 6m-10m Location: P41-7, P41-8, P41-9, P41-10</p>	<p>Day F.Ch:0+241.0 I-1, I-2, I-3 Ch.:0+ 09:20-) Drilling for PS tendon up to 10m Location: TC.P37-7, 6, 8, 9, 10 P36-6, 7, 8, 9, 10 P35-7, 9 I-1, I-2, I-3 CH: 0+ 08:00-09:00) Drilling for PS tendon up to 10m Location: TC P45-2 Note: Contractor once again reminded to remove dull/fractured shotcrete. Night F. Ch:0+241.0 I-1,I-3 Ch.0+165.50-0+175 .50 20:30-) Drilling for PS tendon 6m-10m Location: P35-7, P35-8, P35-9, P34-6, P34-7, P34-8, P34-9,</p>	<p>Day F. Ch:0+241.0 I-1, I-2, I-3 Note: Contractor once again reminded to remove dull/fractured shotcrete. Night F. Ch:0+241.0 I-1,I-3 No activity due to unavailability of resources</p>	<p>Day F. Ch:0+241.0 I-1, I-2, I-3 Note: Contractor once again reminded to remove dull/fractured shotcrete. Night F.Ch:0+241.0 I-1, I-3 Drilling for PS Tendon up to 10m Location: Note: No drilling for PS tendons due to unavailability of water supply.</p>	<p>Day F.Ch:0+241.0 I-1, I-2, I-3 Ch.:0+160.0- 09:30-) Manually cleaning of slush Night F. Ch:0+241.0 I-1, I-3 Drilling for PS Tendon up to 10m Location: Note: No drilling for PS tendons due to unavailability of water supply.</p> <p>Day F. Ch:0+241.0 I-1, I-2, I-3 Ch.:0+240.5 14:00-) Installation of supporting bars for PS tendon in progress... Night F. Ch:0+241.0 I-1, I-3 Ch.:0+160.0- 20:30-) Installation of supporting bars for PS tendon is in progress...</p>	

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	<p>20:30~) Drilling for PS tendon 6m~10m Location P43-6, P43-7, P43-8, P43-9, P43-10 P44-6, P43-7, P43-8, P43-9, P43-10. P45-6, P43-7, P43-8, P43-9, P43-10.</p> <p>Ch. 0+25.5~0+45.5 20:30~) Water pressure test is in progress... (12pcs) Location: P7-4 (4.4L/m), P6-4 (3.0L/m), P10-1 (1.7L/m), P 8-4 (2.4L/m), P9-1 (5.3L/m), P8-1 (L2.5/m), P7-1(2.9L/m), P4-1(4.1L/m), P5-1(4.1L/m), P6-1(2.9L/m), P3-1(3.8L/m), P2-1(4.6L/m)</p>	<p>P40-7, P40-8, P40-9, P40-10 P39-7, P39-8, P39-9, P39-10</p> <p>I-1, I-2, Ch...:235.50 20:30~) Drilling for PS tendon 6m~10m is in progress Location: P48-1, P48-2, P48-3, P48-4, P48-5 P49-1, 2, 3, 4, 5, P47-2, P47-4,</p>	<p>P33-6, P33-7, P33-8, P33-9</p> <p>Note: Drilling suspended from 22:30~00:20 due to D-jumbo breakdown</p>				
TC II-2(1) +TCII-2(2) (Left and Right)	<p>Day II-2 Right Side No Activity</p> <p>II-2 Left side No Activity</p> <p>Night F.ch:0+241.0 II-2 Right</p> <p>II-2 Left</p>	<p>II-2 Right Side No Activity</p> <p>II-2 Left side No Activity</p> <p>Night</p> <p>F.ch:0+241.0 II-2 Right</p> <p>II-2 Left</p>	<p>Day II-2 Right Side No Activity</p> <p>II-2 Left side No Activity</p> <p>Night F.ch:0+241.0 II-2 Right No activity due to unavailability of resources II-2 Left No activity due to unavailability of resources</p>	<p>Day II-2 Right Side Ch.: 0+200 - 220 DRILLING FOR PS TENDON NOT STARTED DUE TO DRILLING JUMBO PROBLEM</p> <p>II-2 Left side Ch.: 0+090 - 110 08:00 - 17:00) welding works for assembling of platform. Night F.ch:0+241.0 II-2 Right No activity due to unavailability of resources II-2 Left No activity due to unavailability of resources</p>	<p>Day II-2 Right Side Ch.: 0+200 - 220 DRILLING FOR PS TENDON NOT STARTED DUE TO DRILLING JUMBO PROBLEM</p> <p>II-2 Left side Ch.: 0+090 - 110 08:00~12:00) welding works for assembling of platform. Night F.ch:0+241.0 II-2 Right</p> <p>II-2 Left Ch.: 0+134.0~0+140 20:30~) Assembling of Scaffolding platform for storage of cement Ch.: 0+205~ 20:30~) Installation of supporting bar for PS Tendon</p>	<p>Day II-2 Right Side Ch.: 0+ 08:30~) Drilling for PS tendon 10m Location: P31, 6, 7, 8, 9,</p> <p>II-2 Left side Ch.: 0+090 - 110 08:30~) welding works for assembling of platform Ch.:0+135.5 08:30~) Assembling of scaffolding pipe platform for placement of cement. Note: Ch.:0+75~0+90 Contractor is reminded again to rectify the fractured shotcrete portion in I-1. Night II-2 Right Side Ch.: 0+70~0+40 20:30~03:00) Installation of supporting bar for PS Tendon Ch.:0+125.5~0+115.5 20:30~) Drilling for PS tendon 10m Location: P25-6, 7, 8, 9, P24-6, 7, 8, 9, P23-6, 7, 8, 9, P22-6, 7, 8, 9, II-2 Left Ch.: 0+45.5~0+65.5 23:20~01:15) Backfill grout for PS Tendons Location: P9-1 (153.0Kg), P13-2 (187.2Kg)</p>	
TC Left crown I-2	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>	<p>Day F. Ch:0+241.0~ (D/S) Night F. Ch:0+241.0~ (D/S)</p>
Transformer Cavern Pilot Tunnel I-3	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>	<p>Day Ch.: 0+050~ No Activity Night F. Ch: 0+241.0 (D/S) No Activity</p>
PH I-1 Center Crown	<p>Day F.Ch:0+241.0 No Activity Night Ch.: 0+241.0</p>	<p>Day F.Ch:0+241.0 No Activity Night Ch.: 0+241.0 Ch.:0+45.0 20:40~22:20) Grouting for extensometer & axial force transducer</p>	<p>Day F.Ch:0+241.0 Ch.:0+045.0 08:00~) Removal of scaffolding pipe Night Ch.: 0+241.0 Ch.:0+45.0 20:40~22:20) Grouting for extensometer & axial force transducer</p>	<p>Day F.Ch:0+241.0 Ch.:0+045.0 Night Ch.: 0+241.0 Ch.:0+45.0 20:40~22:20) Grouting for extensometer & axial force transducer</p>	<p>Day F.Ch:0+241.0 Ch.:0+200~0+155.0~ 08:30~17:00) Manually cleaning of slush Night Ch.: 0+241.0 Ch.:0+45.0 20:40~22:20) Grouting for extensometer & axial force transducer</p>	<p>Day F.Ch:0+241.0 Ch.:0+230~0+160.0~ 09:04~) Manually cleaning of slush Night F.Ch:0+241.0 Ch.:0+230~0+200.0 20:00~) Manually cleaning of slush</p>	<p>Day F.Ch:0+241.0 Night F. Ch:0+241.0</p>
PH II-2	<p>Day F Ch.:0+241</p>	<p>Day F Ch.:0+241</p>	<p>Day</p>	<p>Day F Ch.:0+241</p>	<p>Day F Ch.:0+241</p>	<p>Day F Ch.:0+241</p>	<p>Day F Ch.:0+241</p>

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	Night F Ch.:0+241 No Activity	night F Ch.:0+241 No Activity		Night F Ch.:0+241 No Activity	Night F Ch.:0+241 No Activity	Night F Ch.:0+241 No Activity	Night F Ch.:0+241 No Activity
PH II-2(1) +Ph. II-2(2) (Left and Right)	Day II-2 Right Ch.:0+238.05-0+139.15 8:15-14:53) Grouting of TRBs 07m (10pcs) Location: R104-4 (62.8kg), R106-4 (62.2kg), R105-3 (66.6kg), R21-3 (80.3kg), R22-3 (77.2kg), R107-3 (83.5 kg), R94-4 (68.9kg), R99-3(61.6kg), R95-3(79.3kg),R97-3(67.8kg), II-2 LEFT Ch.:0+240.35-0+216.20 9:30-17:00) Grouting of TRBs 07m (07pcs) Locations: L105-4 (74.6kg) ,L103.4(55.9 kg),L109-2(70.8kg),L105-3(68.9kg),L88-2(73.4kg),L90-2(101.6kg),L104-3(72.7kg), Ch.:0+238.05-0+211.9 9:42-10:37) Grouting of rock dowels 6m (6pcs) Used cement : (100kg) Ch.: 0+238.05-0+080.0 8:20-16:10) Installation of bearing plates for TRBs Ch.:0+110-0+80 8:00-17:00) Installation of TRBS Qty= 22pcs Night II-1 Right Ch. 0+220-0+241 20:00-02:00) Dismantling of Scaffolding platform Ch. 0+105-0+80 20:00-03:00) Installation of TRBs (40 pcs) Ch.:0+115-0+200.0 20:30-) Installation of bearing plates for TRBs Ch. 0+124.20-0+138.0 20:30-03:30) Grouting for TRBs (Grouted=13PCS) Locations R16-4 (89.8kg), R13-3(58.1KG), R14-3(57.0KG), R14-4(55.0KG), R15-3(53.9KG), R16-3(60.5KG), R17-3(57.2KG), R20-2(61.9KG), R12-3(59.4KG), R08-3(60.4KG), R16-2(71.2KG), R18-2(67.0KG) R14-2(56.1KG) II-2 Left Ch.:0+115-0+150.0 20:30-) Installation of bearing plates for TRBs Ch. :0+217.35-0+221.95 21:00-) Grouting for TRBs (08PCS) Locations : L90-4(46.0KG), L89-3(44.3KG), L91-3(79.24KG), CONNECTED WITH L89-3, L90-4) L93-4(36.0KG), L92-4(66.3KG), L91-4(47.4KG), L98-4(68.0KG), L94-3(153.5KG)	Day II-2 Right Ch.:0+238.05-0+139.15 8:15-14:53) Grouting of TRBs 07m (15 pcs) Location: R38-2 (96.7kg), R40-2 (84kg), R27-2 (71kg), R26-2 (66.4kg), R25-2 (73.9kg),R12-2(68.3kg), R10-2(67.6kg),R14-2(54.5kg),R16-2(65.8kg),R20-2(45.4kh),R22-2(73.6kg),R24-2(57.4kg),R17-2(48.9kg),R18-2(82.5kg),R19-2(65.4kg) Ch:0+200-0+220 09:15- 12:30) Installation of Tension rock bolts (10pcs) Ch:0+070.0 10:00 - 10:30) Tensioning for tensioned rock bolts stopped due to unavailability of AFI Ch:0+220-0+240 08:30-) shifting of scaffolding pipes for platform from right to left side Note: TENSIONED ROCK BOLTS WITH IMPROPER CONTACT AND WELDED STEEL PIPES FOR PLATES FIXING (L86-1) HAVE BEEN HIGHLIGHTED TO THE CONTRACTOR. TENSIONING OF THOSE TRBS WERE NOT ALLOWED Night II-2 LEFT Ch.:0+209.3 10:45-) Tensioning of Tension rock bolts using hydraulic torque wrench Locations: L82-1, L85-2, L90-1, L84-1 REJECTED due to nut keeps on slipping over TRB thread during tensioning. L88-1 = ok Ch.:0+210-0+190 13:00-17:00) Installation of supporting bars for TRBS Ch.: 0+045 14:00 - 15:30) welding works of platform II-2 LEFT Ch.:0+209.3 10:45-) Tensioning of Tension rock bolts using hydraulic torque wrench Locations: II-1 Right Ch. 0+220-0+241 20:00-) shifting & placing of scaffolding pipes for platform from right to left side Ch. 0+120.00-20:30-) Grouting for TRBs (11PCS) Locations: R08-2(57.1KG), R7-2(63.4KG), R2-2 (61.1kg), R3-2 (112.7kg), R4-2 (61.8kg), R5-2 (74.3kg), R6-2 (81.4kg) R1-2(71.0kg) R0-2 (54.2kg), -R1-2 (58.3kg) -R2-2 (67.3kg),	Day II-2 Right Ch:0+098.9-0+109.25 8:15-15:50) Grouting of TRBs 07m (15pcs) Location: -R10-3(61.1KG), -R12-3(68.5KG), -R14-3(66.4), -R13-2(80.6KG), -R6-2(52.0), -R7-2(79.8KG), -R5-2(88.6KG), -R8-2(57.1KG), -R10-2 (78.9kg), -R11-2 (326kg), -R9-2 (186.4kg), -R12-2 (69.2kg), -R14-2 (57.5kg), -R17-2 (112kg) -R16-3 = (Rejected due to packer and supply pipe damaged by labor) Ch:0+220-0+205; 0+080- 060 08:30- 13:30) Installation of Tension rock bolts (40 pcs) Ch:0+220-0+240 08:30-) shifting of scaffolding pipes for platform from right to left side Note: TENSIONED ROCK BOLTS WITH IMPROPER CONTACT AND WELDED STEEL PIPES FOR PLATES FIXING (L86-1) HAVE BEEN AGAIN HIGHLIGHTED TO THE CONTRACTOR. TENSIONING OF THOSE TRBS WERE NOT ALLOWED Night II-2 LEFT Ch.:0+ 200 - 235 10:45-) Tensioning of Tension rock bolts using hydraulic torque wrench Locations: L92-1, L94-1, L105-2, L104-1, L101-2, L99-2, L97-2, L95-2, L90-1 L82-1= Not approved because nut keeps on rotating on TRB L98-1, L96-1= plate not in contact Ch.:0+225- 080 10:00-16:10) Installation of TRB (35 pcs) Ch.: 0+045 08:30-) welding works of platform	Day II-2 Right Ch.:0+195 - 240 13:30 - 16:30) Tensioning of Tension rock bolts using hydraulic torque wrench (07 pcs) Locations: R78-5, R81-4, R83-5, R85-4, R87-4, R89-4, R72-5 Ch:0+0+080.0-0+24 0.0 08:20-12:00) Packing of 07m tension rock bolts Night II-2 LEFT Ch.:0+200 - 220 08:51-11:15) Tensioning of Tension rock bolts using hydraulic torque wrench (04 pcs) Locations: L81-1, L84-1, L74-1, L77-2, Ch:0+ 09:30-16:30) Grouting of TRBs 07m (17 pcs) Location: -L21-2 (85.5kg), -L23-2 (53.6kg), -L25-2 (52kg), -L27-2 (75.7kg), -L19-2 (68.3kg), L75-4 (59kg), L76-3 (79.5kg), L75-3 (150.9kg), L78-3 (187.5kg), L79-4 (233.8kg), L80-3 (113.5kg), L81-4 (119.5kg), L77-4 (111.9kg), -L78-4 (56.2kg), -L70-2 (58.4kg), -L29-2 (53.2kg), -L22-2 (132.8kg) II-2 Right Ch.:0+202.5 21:30-) Tensioning of Tension rock bolts using hydraulic torque wrench (3pcs) Location: R76-5, R75-4, R78-5 Ch.:0+232.3 20:10-02:30) Grouting of TRBs 07m (15pcs) Location: R102-3(81.9KG), R101-2(76.9KG), R100-3(66.4KG), R98-3(63.2KG), R97-2(65.0KG), R96-3(54.4KG), R96-2(62.4KG), R95-2(49.5KG), R94-3(69.8KG), R94-2(71.8KG), R93-2(60.1KG), R72-2(62.9KG), R67-2 (67.7kg) R68-2 (65.4kg) R70-2 (67.3kg) Ch.:0+240.0 -0+200 01:45-) Drilling for remaining TRBs II-2 LEFT Ch:0+0+00.0-0+80.0 20:30-) Packing of 07m tension rock bolts. Ch. 0+60-0+80 20:00-01:30) Installation of TRBs (32pcs) Ch.:0+88.50-20:00-02:00) Grouting of TRBs 07m (15pcs)	Day II-2 Right Ch.:0+ 200 - 241 08:30-15:25) Tensioning of Tension rock bolts using hydraulic torque wrench (07pcs) Locations: R99-4, R95-4, R98-5, R96-5, R101-4, R103-4, R97-4 NOTE: CONTRACTOR HAS PLACED IMPROPER MORTER ON THE BACK OF TRB PLATES.THESE TRB'S WERE HIGHLIGHTED TO CGGC QC STAFF FOR RECTIFICATION . Ch.:0+152.0-09:30-16:50) Predrilling for remaining TRB Ch.:0+50.0 08:30-15:35) welding works for assembling of platform II-2 LEFT Ch:0+040 - 080 09:30-16:36) Grouting of TRBs 07m (13pcs) Location: -L41-2(57.7kg), -L39-2(59.1kg), -L35-2(60.1kg), -L37-2(56.2kg), -L31.2(47.9kg), -L33-2(68.5kg), -L45-2 (63.2kg), -L43-2 (76.3kg), -L47-2 (67.9kg), -L49-2 (69.5kg), -L55-2(65.6kg), -L53-2(77.8kg), -L8-2(59.8kg) CH:0+240.0-170.0 08:30-17:00) Installation of missing 07m tension rock bolts (12pcs) Night II-2 Right Ch. 0+ 21:30-23:00) Tensioning of Tension rock bolts using hydraulic torque wrench (3pcs) Location: R70-5, R68-5, R73-4, R79-4(Rejected due to tension rock bolt keeps rotating during tensioning) II-2 LEFT Ch.:0+88.50-63.25 20:00-01:00) Grouting of TRBs 07m (15pcs) Location: -L33-3 (76.8kg) -L34-2 (86.7kg) -L35-3 (104.4kg) -L36-2 (71.5kg) -L28-2 (84.5kg) -L29-3 (89.8kg) -L40-2 (102.8kg) -L42-2 (104.4kg), -L41-3(66.5), -L44-2(82.8kg), -L43-3(95.3kg), -L46-2(67.0kg), -L52-2(115.5kg), -L47-3(57.0kg), -L45-3(83.2kg)	Day II-2 Right Ch.:0+241-0+ 08:50-) Tensioning of Tension rock bolts using hydraulic torque wrench (08 pcs) Locations: R67-4, R65-4, R82-4, R88-4, R81-3, R83-3, R85-3, R87-3 CH: 0+240.0-0+230 08:20-10:20) Packing of 07m TRB. Ch:0+220 - 241 14:00-16:00) Grouting of TRBs 07m (80pcs) Location: R105-2 (65.7kg), R104-3 (81.8kg), R107-2 (77.2kg), R103-2 (56.9kg), R99-2 (65.1kg), R109-3(88.6kg), R108-3(96.3kg), R106-3 (79.5kg) II-2 LEFT Ch:0+ 145 - 160 10:20-14:00) Grouting of TRBs 07m (05pcs) Location: L33-4(94.2kg), L34-4 (106.9 kg), L31-4 (80kg), L32-4 (92.1kg), L30-4 (80.6kg), I-2 Right CH:0+240.0-0+200 20:00-) Cutting of extra pipe of grouted TRBs. Ch:0+104.65-0+88.55 20:00-) Grouting of TRBs 07m (14pcs) Location: -R11-5 (81.5KG), -R18-3 (58.1kg), -R16-2 (82.3kg), -R17-3 (74.5kg), -R9-5 (176.8kg), -R13-5 (69.2kg), -R15-5 (66.0kg) -R23-3 (79.6kg), -R18-2 (74.2kg), -R19-3 (76.1kg) -R19-2 (76.2kg), -R20-3 (60.9kg), -R21-3 (61.4kg), -R21-2 (111.2kg), II-2 LEFT Ch:0+141.45-0+171.35 01:12-) Grouting of TRBs 07m (2pcs) Location: L23-4 (80.2kg) L49-2 (133.7kg) Ch.: 0+140-0+185 20:00-) Manually cleaning of side drain. Night II-2 Right Ch. 0+70- 0+050 23:00-02:00) Installation of TRBs Note: Installation of TRBs stopped due to contractor installed 11 Pcs of rusted TRBs. Issue Highlighted to QC Person Ch.: 0+88.24-0+69.0 20:20-00:40) Grouting of TRBs 07m (15pcs) Location: R29-3(64.8KG), -R32-4(73.3KG), -R30-4(78.2KG), -R31-3(68.20KG), -R27-3(71.7KG), -R24-4(94.2KG), -R30-3(71.0KG), -R37-3(74.8KG), -R35-3(61.5KG), -R36-4(63.9KG), -R38-4 (70.1kg) -R38-3 (72.3kg) -R34-4 (51.5kg) -R40-4(76.2kg) -R40-3 (85.4kg). CH:0+240.0-0+200 20:00-23:00) Installation of TRBs Ch.:0+240-0+220.0 02:00-03:00) Tensioning of Tension rock bolts using hydraulic torque wrench. Locations: R90-5, R92-5, R88-5, R105-4, R109-4, (Rejected Due to Nut Keeps on Rotating) R107-4 Rejected becauseTRB completely rotated during Tensioning. Ch.:0+233.19-21:30-01:00) Tensioning of Tension rock bolts using hydraulic torque wrench (pcs) Locations: L106-1, 103-2, L79-2, L91-2, L73-2 L100-1, L85-2, L87-2 (Rejected Due to Nut Keeps on Rotating),	

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STB from powerhouse connection tunnel	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F.Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F.Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity Note: STB Access barricaded by OHS due to ventilation problem.
Surge Chamber Valet Access Tunnels (VAT)+Vault Gallery	Day Towards left side Chamber #01 F.Ch.0+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:0+026.0(Approx.) No Activity Night Towards Right side Chamber #02 Towards left side Chamber #01 No Activity	Day Towards left side Chamber #01 F.Ch.0+067.5. (Approx.) No Activity Towards right side Chamber #02 F.Ch.:0+026.0(Approx.) No Activity night Towards Right side Chamber #02 Towards left side Chamber #01 No Activity	Day Ch.: 0+380 08:30 - 16:00) Installation of ventilation fan Night Towards Right side Chamber #02 Towards left side Chamber #01 No Activity	Day Ch.: 0+380 - 400 13:00 -) Drilling for blast on corner portion for enlargement of SCVAT without approved AFI at site 16:30-18:00) charging for blast 18:10-) Blast carried out Ch.: 0+200 - 215 09:00 - 15:00) manual levelling of niche area invert Night Ch.: 0+380 - 400 20:00-01:30) Mucking only Further no activity Towards Right side Chamber #02 No Activity Towards left side Chamber #01 No Activity	Day Ch.: 0+380-0+400 14:00-16:30) Mucking Note: Crown portion of junction is also damaged due to yesterday blast without AFI. Shotcrete, Wire mesh & Rock dowels are also damaged. night Ch.: 0+380 - 0+ 400 (Junction Area) 22:00-23:30) 1st layer shotcrete (Qty=12m³) Note: Contractor notified to make proper scaling of excavated area before shotcrete. Contractor applies shotcrete without scaling. Issue Highlighted to contractor QC person. Towards Right side Chamber #02 No Activity Towards left side Chamber #01 No Activity	Day Ch.: 0+380-0+400 09:00 -) cutting of exposed rock dowels of the blasted section Note: Crown portion of junction is also damaged due to yesterday blast without AFI. Shotcrete, Wire mesh & Rock dowels are also damaged. Night Ch.: 0+380 - 0+ 400 (Junction Area) 21:40-22:40) 1st layer 2nd Go shotcrete (Qty=07m³) Towards Right side Chamber #02 No Activity Towards left side Chamber #01 No Activity	Day Ch.: 0+380-0+400 (Junction Area) 9:15-9:50) shotcrete first layer second go sf Qty=8m³ 14:30-16:00) Invert excavation by jack hammer >No QA/QC person present at site Night Ch.: 0+380 - 0+ 400 (Junction Area) Towards Right side Chamber #02 No Activity Towards left side Chamber #01 No Activity
Intake Area	Day Ch.: 0+000 - 0+125 09:00 - Thickness test. Thickness test could not be conducted due to OHS did not allow to use loader platform. Night El: ▼0+982.0 Ch:0+130.0-0+160.0 10:00-14:00) Drilling for blast 14:30-16:00 Charging for blast (Exp=1200KG) No of Holes 30 (Depth of holes 5m,7m,6m) 8:00-14:00) Excavation & mucking	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 08:00 -) Excavation and mucking	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 0 No Activity Due to Excavator Shifted to CR-2	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 0 No Activity Due to Excavator & Dumpers Shifted to CR5-2 Night	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 0 No Activity Due to Excavator & Dumpers Shifted to CR5-2	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 0 No Activity Due to Excavator & Dumpers Shifted to CR5-2	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 9:00-17:00 Excavation & mucking
Daywork	Switchyard+ Existing KKH	Switchyard+ Existing KKH	Switchyard+ Existing KKH	Switchyard+ Existing KKH	Switchyard+ Existing KKH	Switchyard+ Existing KKH	Switchyard+ Existing KKH
Switchyard Compound	Day El: ▼950-960 (5th layer) No Activity	Day El: ▼950-946 (4th layer Right side) 09:00 - 17:00) Excavation of side drain El: ▼958-949 (4th layer center) 14:00 - 17:30) Drilling for blast	Day El: ▼958-949 (4th layer center) 14:00 - 17:30) Drilling for blast	Day Day work order 8:30- 11:30) Cleaning & Removal of Debris Material from KKH Near the CR-9 Main Gate.	Day El: -958.0 To 949.0 (Right Center Portion)	Day El: -958.0 To 949.0 (Right Center Portion) NO Activity Due Local labors are on strike.	Day El: -958.0 To 949.0 (Right Center Portion) NO Activity

Date/Day Location	22 Wednesday	23 Thursday	24 Friday	25 Saturday
Exhaust tunnel	Day . Ch:1+561.5 (Upstream)Ch.:1+564.0-01+562.011:34-12: 00) 2nd layer PS shotcrete Qty=7m³Ch:1+570.0-1+564.012:00-12:25) 2nd layer of 3rd pass PS shotcrete Qty=3m³DownStreamF.Ch: 1+599.5(Approx.) Ch:1+593.5-1+599.011:05-11:25 First layer PS shotcrete (Qty=4m³) Night	Day Exhaust shaft Ch.: 020 -022 Night Exhaust shaft Ch.: 020 -022	Day Exhaust shaft Ch.: 020 -022 Night Exhaust tunnel No activity Note: Contractor is notified to remove the excavated material below exhaust shaft for proper ventilation.	Day Exhaust shaft no activity night exhaust tunnel No activity

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	F.Ch:1+561.5 (U/S) No activity F.Ch:1+599.5 (D/S)			
ADFT	Day R/S Towards TR02no activity - Enlargement is completely/S Towards TR01no activity - Enlargement is complete. Night R/S Towards TR02Ch.: 0+57.5 (0+000 - 013.4 - 2nd round)	Day R/S Towards TR02no activity - Enlargement is completely/S Towards TR01no activity - Enlargement is complete. Night	Day R/S Towards TR02no activity - Enlargement is completely/S Towards TR01no activity - Enlargement is complete. Night MAT- ADFT junction21:30-00:00) Repairing of Ventilation Duct	Day R/S Towards TR02 no activity - Enlargement is complete. L/S Towards TR01 no activity - Enlargement is complete. night MAT- ADFT junction 21:30-00:00) Repairing of Ventilation Duct
TRT O1 FROM CTO1	Day Ch.: 0+065.5 Approx. (0+000 - 013.4 - 4th round) Ch.:0+65.508:20-12:30) Drilling for blast Approx. 130 holes14:00 - 16:30) Charging for blast Exp = 175 kg16:48) Blast carried out Night Ch.: 0+068.0 Approx.	Day F. Ch:1+561 (Upstream)08:55 -09: blasts...: 1+571 - 1+56412:00 -) In layer wiremeshDownStreamF.Ch: 1+601(Approx.)09:25 - 10:00) Surv Night F. Ch:1+561.5 (U/S) No activityF.C Ch.:...1+586.0-1+596.020:30-00:0 layer rebar mesh	Day F. Ch:1+561 (Upstream)Ch:1+568.0-1+564.514:50 PS shotcrete Qty=11m³DownStreamF.Ch: 1+601(Approx.)Ch.:1+587.0-1+600.0 layer PS shotcrete Qty=10m³ Night F. Ch:1+561.5 (U/S)No activityF.Ch:1+599.5 (D/S)No activity	Day F. Ch:1+561 (Upstream) no activity F. Ch: 1+600(Approx.) (Downstream) Tailrace 01 no activity Night F. Ch:1+561.5 (U/S) No activity F. Ch:1+599.5 (D/S) No activity
TRT O2 FROM CTO1	Day Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+050 - 053.008:30-11:30) Grouting for rock dowels rock dowels (Qty=21pcs) use cement: 950kg14:00 - 16:30) rectification of wire mesh NIGHT Ch.: 0+62.0 (0+000 - 013.4 - 3rd round) Ch.: 0+050 - 053.020:30-03:00) Rectification of wire mesh & Rock Dowel Plates done & allowed for shotcrete. Waiting for shotcrete	Day F. Ch:1+639.0(U/S)08:00 - 14:00) charging for blast Exp 200KGF.Ch: Drilling for additional blast14:00 - 1 blast expr = 500kg Night F. Ch:1+639.50(U/S)19:30-22:00) scaling22:00-22:30) Survey for reblast00:30-) Drilling for remaining blastF.Ch:1+650.50 (D/S)No activit	Day F. Ch:1+636.0(U/S)Ch.:1+639.0-1+630:00-12:30) installation of warmish mesh F.Ch:1+651.0(D/S)Ch:1+648.0-0 Qty=4.5m³ Note:-(Contractor has Spr (mint.)Ch:1+639.0-1350-) Installation Night F. Ch:1+636.50(U/S) Ch.:... 1+637.0-1+639.5019:30-00:30) Insta rebar mesh 01:00-02:00) 2nd layer sh Qty=8m³) F.Ch:1+650.50 (D/S) Ch.:0+1+647.0-1+650.002:00-03:00) (PS Qty=8m³)	Day Ch.: 1+636 - 647 (junction area) 08:00 -12:30) installation of warmish on left and right walls (12 pcs) F. Ch:1+636.0(U/S) 15:15 - 15:45) Survey marking for Rock dowels. F. Ch:1+651.0(D/S) 15:45 - 16:30) Survey marking for rock dowels. Note: Ventilation was non-functional after 14:00 Nigh F. Ch:1+636.50(U/S) Ch.: 1+637 0-1+639 50
TC I 1	Day F. Ch:0+241.0I-1, I-3Ch.:0+100.0-0+120.008:30-) Installation of supporting bars for PS tendon Night F.Ch:0+241.0I-1, I-3Ch.:0+160.0-	Day F.Ch:0+241.0Ch.0+230.508:30-) Installation of PS tendons (07 pcs)Location: TC.47-9,8,7,5,4,3TC.46- Night F.Ch:0+241.0I-1, I-3Ch.:0+225.50-0+240.520:30-23:30) Installation of PS tendons (03 pcs) Location: P46-9, P48-5, and P49-5 5Ch.:0+225.50-0+240.5001:30-03:00) Packer grouting for PS tendons (10pcs)P46-3, P46-9, P47-3, P47-5, P47-6, P47-7, P47-8, P47-9, P48-5, P49-5	Day F.Ch:0+241.0Ch.: 0+230.511:00 - 14:45) Grouting for PS tendons Location: TC.P47-5 (258.5 kg), P47-7 (324.5 kg), P47-9 (235.9 kg) Night F.Ch:0+241.0I-1, I-2, And I-3Ch.:0+215.50-220.5000:50-01:50) Water pressure test (Trail test) at 10m for PS tendons (03pcs)Location: P44-2(1.0), P45-5(4.2), P45-6(2.5),	Day F. Ch:0+241.0 Ch.: 0+175.0-0+185.0 10:00-13:00) Removing of lose / fractured shotcrete by labor manually. Night F.Ch:0+241.0
TC II-2(1) +TCII-2(2) (Left and Right)	Day II-2 Right SideCh.0+180.5-125.508:30-) Drilling for tendon Location: TC28-10, 9, TC27-9 II-2 Left side.: 0+090 - 11008:30-) welding works for assembling of platform Note: Ch.:0+75-0+90 Contractor is reminded again to rectify the fractured shotcrete portion in I-1. Night II-2 Right SideCh.0+60-0+30.020:30-) Installation of supporting bar for PS Tendon Ch.:0+150.5-21:00-) Water pressure test for PS tendons (06 Pcs) is in ProgressLocation:P27-9(4.6L/m), P27-8(3.9L/m), P30-3 (4.2L/M), P30-2 (4.0L/M), P31-2 (3.0L/M), P31-3 (1.9L/M)II-2 LeftCh.:0+215.5-20:30-) Drilling for PS tendon 10mLocation: P44-1, 2, 3 P45-1, 2, 3 P46-1, 2, 3 P47- 1, 2, 3Ch.0+70.0-0+50.020:30-) Installation of supporting bar for PS Tendon	Day II-2 Right SideCh.0+210.508:30-) Drilling for tendon Location: TC 43-2, II-2 Left side...: 0+090 - 11008:30-) Assembling works of platform Ch.: 0+55 - 10008:30 - 11:00) installation of support bars for PS tendons Ch.: 0+065.5 - 070.511:00 - 16:30) water pressure test (10pcs)location: TC 13-4 (5.8), 13-3(3.7), 13-6 (4.0), 14-3(3.1), 13-5 (4.9), 14-4 (4.3), 14-5 (4.7), 14-6 (2.1), 15-4 (4.8), 15-2 (4.5) Night II-2 Right SideCh.:0+095.50-0+100.5023:50 -) Drilling for PS Tendons 6mLocation:P21-7, 8, 9P20-7, 8, 9Ch.0+210.50-0+240.5000:30-01:30) Water pressure test for PS tendons (02Pcs) Location: P48-8(3.4), P44-6(1.8) II-2 LeftCh.:0+00.0-0+040.020:30-03:30) Installation of supporting bar for PS Tendon Ch.:0+210.50-0+240.5020:50-00:30) Water pressure test for PS tendons (08Pcs) Location: P43-2(3.0), P44-2(0.0), P45-2(2.4), P45-6(0.0), P46-2(1.8), P47-2(2.9), P48-2(3.6), P49-2(3.8)	Day II-2 Right SideCh.0+210.508:30-) Drilling for tendon Location: TC 19-9,8,7 18-8,9,7 II-2 Left side...: 0+050 - 07008:30-) welding works of platform Night II-2 Right SideCh.0+00.5001:30-) Drilling for PS Tendons 6mLocation: P1-7, 8,9Ch.:0+080.50- 20:30-) Drilling for PS Tendons 6mLocation:P17-7, 8, 9P16-7, 8, 9Ch.0+ 090.50-0+175.5000:30-) Water pressure test for PS tendons (05Pcs) Location: P19-9(2.8), P18-9(4.1), P20-9(0.0), P20-8(4.4), P38-7(1.3), Ch.:0+170.0-0+215.021:00-03:00) Invert cleaning & leveling II-2 LeftCh.0+00.0-0+35.020:30-) Installation of supporting bar for PS Tendon Ch.:0+140.50-0+200.5020:30-00:30) Water pressure test for PS tendons (20Pcs) Location: P32-2(2.2), P32-3(3.9), P35-2(2.5, Rejected due to leakage from packer), P34-2(0.20)Ch.:0+200.0-0+240.020:30-)Installation of supporting bar for PS Tendon	Day II-2 Right Side Ch.:0+000 - 020 09:30-11:30) Drilling for PS tendon for 6m. Location: T2-9,8,7 Ch.: 0+070 - 100 09:15 - 10:30) Drilling for PS tendons for 10m. Locations: TC. P16-7,8,9 Ch.:0+210-220 9:00-) Welding and Assembling of scaffolding platform. Ch.:0+240.5- 235.5 10:00-) Installation of PS tendons Locating : T49-6,7, 8, 9, TC48-8 II-2 Left side. Ch.: 070 - 100 10:00-) Water Pressure test (5 pcs) location: TC17-4 (5.9) TC17-6(3.1), TC17-5(4.1), TC18-5(1.3) TC18-6(2.7) TC18-4(2.7) Night II-2 Right Side Ch.:0+00.50
Transformer Cavern Left crown I-2	Day F. Ch:0+241.0- (D/S) Night Ch:0+241.0- (D/S)	Day F. Ch:0+241.0- (D/S) Night F. Ch:0+241.0- (D/S)	Day F. Ch:0+241.0- (D/S) Night F. Ch:0+241.0- (D/S)	Day F. Ch:0+241.0- (D/S) Night F. Ch:0+241.0- (D/S)
Transformer Cavern Right crown I-3	Day Ch.: 0+050-No Activity Night F. Ch: 0+241.0 (D/S) No Activity F. Ch: 0+241.0 (D/S) No Activity	Day Ch.: 0+050-No Activity Night F. Ch: 0+241.0 (D/S) No Activity	Day Ch.: 0+050-No Activity Night F.Ch: 0+241.0 (D/S) No Activity	Day Ch.: 0+050-No Activity Night F. Ch: 0+241.0 (D/S) No Activity
Ph. I-1 Center Crown	Day Ch.:0+241.0 Night Ch.:0+241.0	Day F. Ch:0+241.0 Night F. Ch:0+241.0	Day F. Ch:0+241.0 Night F. Ch:0+241.0	Day F. Ch:0+241.0 Night F. Ch:0+241.0
PH II-1	Day F Ch.:0+241 Night F Ch.:0+241Ch.:...0+115.023:00-) Removing rust from rusted TRBs	Day F Ch.:0+241Ch.: 145 - 16008:30 -) Removal of scaffolding pipe platform over dumpers.: 120 - 20015:30 -) compaction of invert by roller Night F Ch.:0+241Ch.:...0+115.0	Day F Ch.:0+241Ch.: 145 - 160 Night F Ch.:0+241Ch.:...0+115.023	Day Day F Ch.:0+241 Ch.: 145 - 160 Night F Ch.:0+241 Ch.:...0+115.0

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PH II-2(1) +Ph. II-2(2) (Left and Right)				Day II-2 Right Ch.:0+40-0+00 08:00- 16:00) Installation and packing of TRBS 07m (40 PCS) II-2 LEFT Ch.:0+173.65-0+234.6 09:00-16:15) Tensioning for TRB (13 PCS) rejected due to nuts keep on rotating. Ch.:0+45 8:00- Arrangements for extensometer drilling Ch.: 0+157-171.0 8:00-14:00) Drilling for PS tendon up to 6m Night t II-2 Right Ch.:0+60-0+100.0 20 30 21 50) I tall it f TRBS 07 (06)
PH 1I-2 Left Crown	Day No Activity Night II-2 LEFT Ch.0+125.5-0+140.020:30-) Drilling for PS Tendons 06mCh.0+193.0-0+196.6521:30-01:00) Tensioning of Tension rock bolts using hydraulic torque wrench (pcs) Locations: L69-2, L71-2, L70-1, L68-1L69-2 Rejected due to nut keeps rotating during tensioningCh.0+225.0-01:00-) Cutting of extra pipe of grouted TRBs	Day F. Ch:0+241.0~ Approx. Night F. Ch:0+241.0~ Approx. No Activity	Day F. Ch:0+241.0~ Approach.: 0+04508:30 -) Arrangements for installation of extensometer NIHGT F. Ch:0+241.0~ Approx. No Activity	Day No Activity Night No Activity
PH II-3 Right Crown	Day F. Ch:0+241.0~ ApproxCh.0+45.09:00-12:00) Installation of Extensometer Night F.Ch:0+241.0(D/S) Ch...0+45.0	Day F.Ch:0+241.0~ ApproxCh.0+45.09:00-12:00) Installation of Axial load transducer14:15 - 15:50) grouting for Axial load transducer and extensometer Night F. Ch:0+241.0(D/S) Ch...0+45.0	Day F.Ch:0+241.0~ ApproxCh.0+45.09:00-12:00) Installation of Axial load transducer14:15 - 15:50) grouting for Axial load transducer and extensometer Night F.Ch:0+241.0(D/S) Ch...0+45.0	Day No Activity Night No Activity
Service Tunnel A	Day STA - GIS JUNCTION Night F. Ch:0+567.5No activity	Day STA - GIS JUNCTION F. Ch:0+567.5No activity	Day STA - GIS JUNCTION Night F. Ch:0+567.5No activity	Day STA - GIS JUNCTION Night F. Ch:0+567.5 No activity
Penstock Admit Tunnel towards Lower pressure Tunnel No 2	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02Ch: 0+014.0-025.0No activity PAT 2 Plug Area No Activity Night PAT- 02 Design Excavation completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02PAT	Day PAT- 02 Design Excavation completed Lower Pressure Tunnel 02Ch: 0+014.0-025.0No activity PAT 2 Plug Area No Activity Night PAT- 02 Design Excavation completed Lower Pressure Tunnel 02 (towards manifold)Lower Pressure Tunnel 02PAT	Day PAT- 02 Design Excavation completed Lower Pressure Tunnel 02Ch: 0+014.0-025.0No activity PAT 2 Plug Area No Activity Note: -Creaks Papered on the Plug Area Bench Concrete Night PAT- 02 Design Excavation completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02PAT.	Day PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 Ch.: 0+014.0-025.0 No activity PAT 2 Plug Area No Activity Night PAT- 02 Design Excavation Completed Lower Pressure Tunnel 02 (towards manifold) Lower Pressure Tunnel 02
Penstock Admit Tunnel towards Lower pressure Tunnel No 1	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity.	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity. Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity	Day PAT- 01 Design Excavation Completed PAT 1 Plug Area No activity Night PAT-01 Design Excavation is complete. Lower Pressure Tunnel 01 Manifold. PAT 01 Plug No activity
STB From powerhouse Connection tunnel	F. Ch.:0+129.0(Approx.)No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Day F. Ch.:0+129.0(Approx.)No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5-No Activity	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5-No Activity	Day F. Ch.:0+129.0(Approx.)No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F.Ch:0+128.5-No Activity	Day F. Ch.:0+129.0(Approx.) No activity Note: STB ACCESS BARRICADED BY OHS DUE TO VENTILATION PROBLEM Night F. Ch:0+128.5- No Activity
Surge Chamber Valet Access Tunnel (Vault)+Vault Gallery	Day Ch...: 0+380 - 0+ 400 (Junction Area)	Day Ch...: 0+380-0+400 (Junction Area) 08:30-11:00) Invert excavation by jack hammer. Jack Hammer Break down after 11:00>No QA/QC person present at site. Night Ch...: 0+380 - 0+ 400 (Junction Area)	Day Ch...: 0+380-0+400 (Junction Area) 08:30-) Invert excavation and leveling For water pipes >No QA/QC person present at site Night Ch...: 0+380 - 0+ 400 (Junction Area)	Day Ch...: 0+380-0+400 (Junction Area) 8:00- Installation of service pipes >No QA/QC person present at site. Night Ch...: 0+380 - 0+ 400 (Junction Area)
Intake Area	Day El: ▼0+982.0Ch:0+130.0-0+160.09:00-17:00 Excavation & mucking	Day El: ▼0+982.0Ch:0+130.0-0+160.013:00 - 14:00) Excavation & mucking. Excavator breakdown after 14:00	Day El: ▼0+982.0Ch:0+130.0-0+160.013:00 - 14:00) Excavation & mucking. Excavator breakdown after 14:00 Night	Day El: ▼0+982.0 Ch:0+130.0-0+160.0 no activity
Daywork	Switchyard + Existing KKH	Switchyard + Existing KKH	Switchyard + Existing KKH	Switchyard + Existing KKH
Switchyard Compound	Day El: -960.0 To 950.0 (4th layer Center Portion)8:00-17:00 Drilling for Boulders Blast El:-943.0 To 940.0 (4th layer Center Portion)8:00-17:00 Excavation & mucking	Day El:-958.0 To 954.0 (4th layer Center Portion)08:00 - 09:30) Excavation and mucking	Day El:-956.0 To 952.0 (4th layer Center Portion)8:00-11:00) Excavation and mucking	Day El: -954.0- 950.0 (4th layer Center Portion) 8:00-) Excavation and mucking

