



DASU HYDROPOWER CONSULTANTS

Dasu Hydropower Project

Joint Venture of



With sub-consultants



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Contract No: DHP-CSA01

Our Ref. No: DHC/Dasu/WAPDA/GEN/tm/22- 552

Date: 20th September 2022

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

Subject: Dasu HPP – MPR No.97 for the Month of August 2022 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.97 (14 Copies)

Copy to:

1. GM/PD DHPP, WAPDA Camp Office Lahore
2. All J.V. Members (1-copy each)
3. DHC Lahore Office
4. Office file



PAKISTAN WATER AND POWER DEVELOPMENT AUTHORITY

DASU HYDROPOWER PROJECT

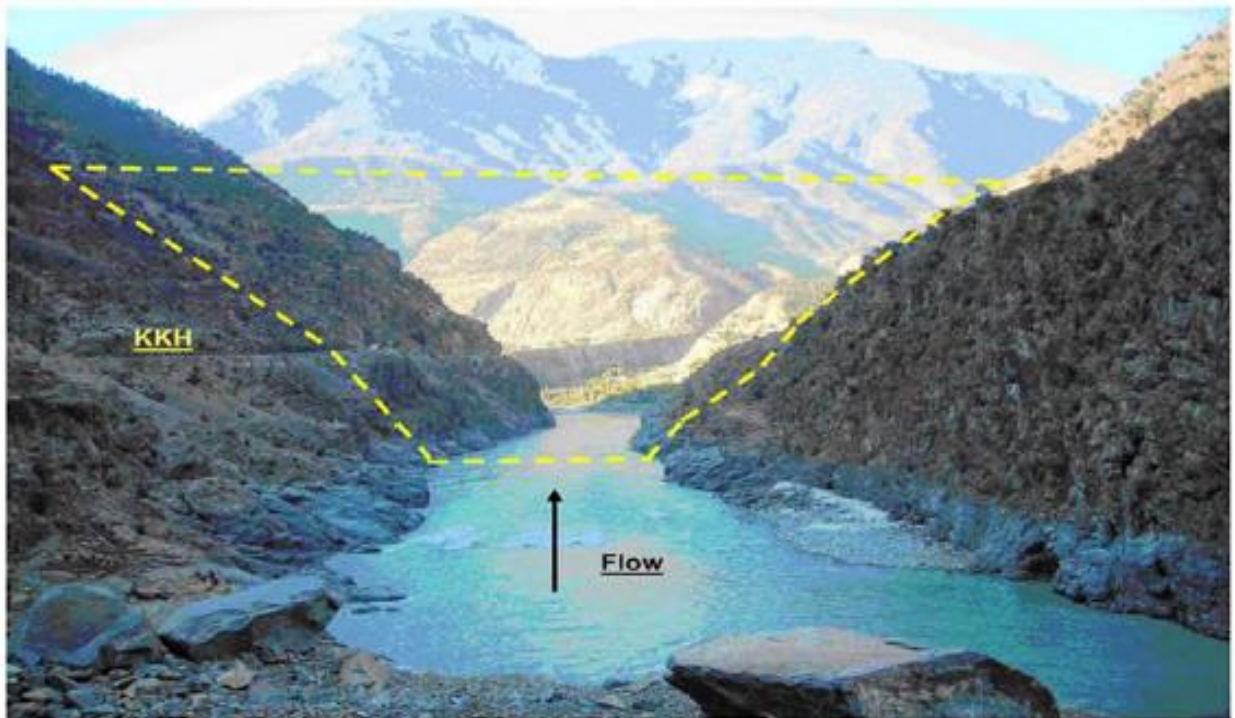
Consultancy Services for Preparation and Implementation of

Dasu Hydropower Project

Assignment – B: Construction Design, Contract Management and

Construction Supervision Support

Contract No. DHP-CSA01



Monthly Progress Report No. 97

August 2022

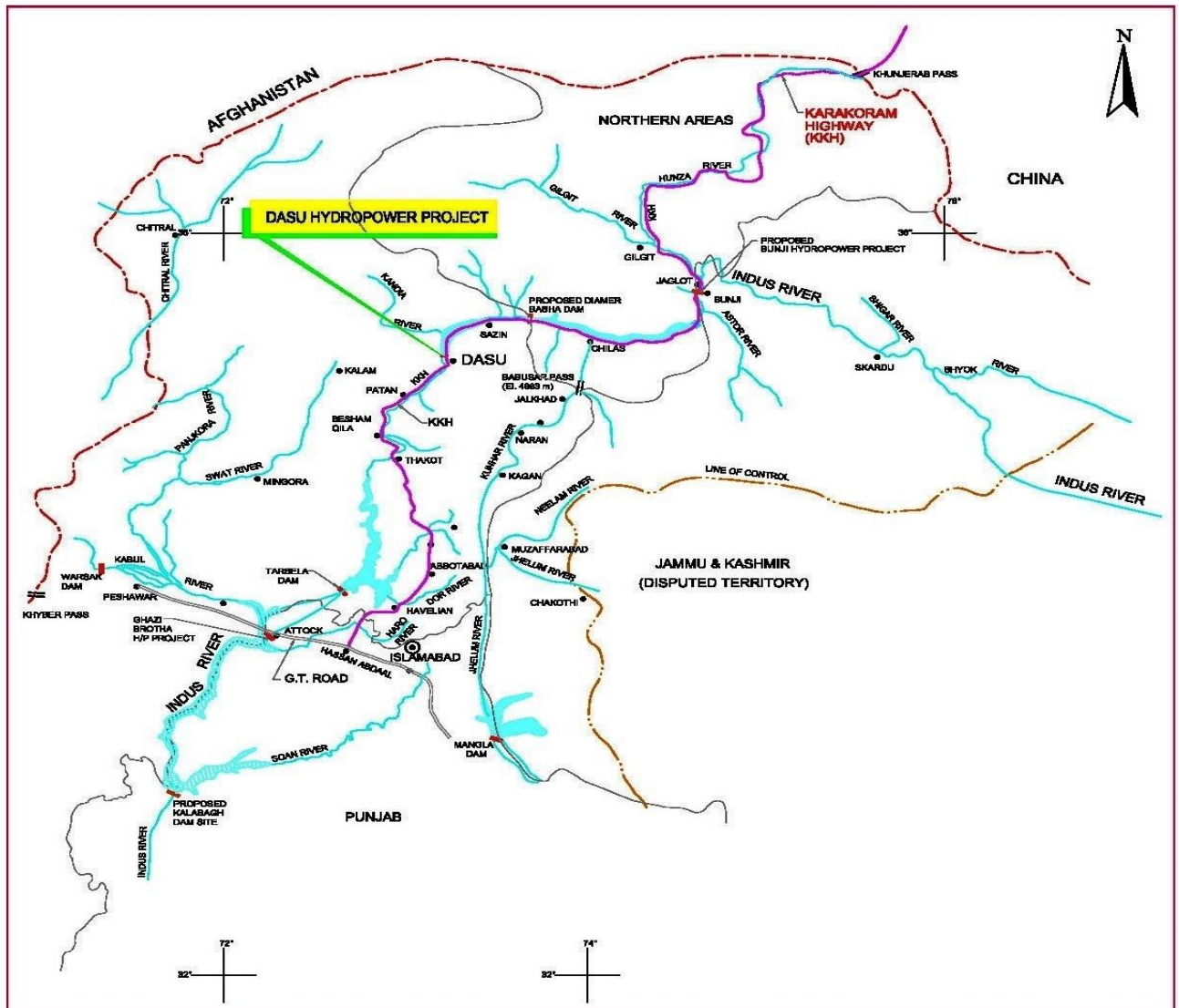
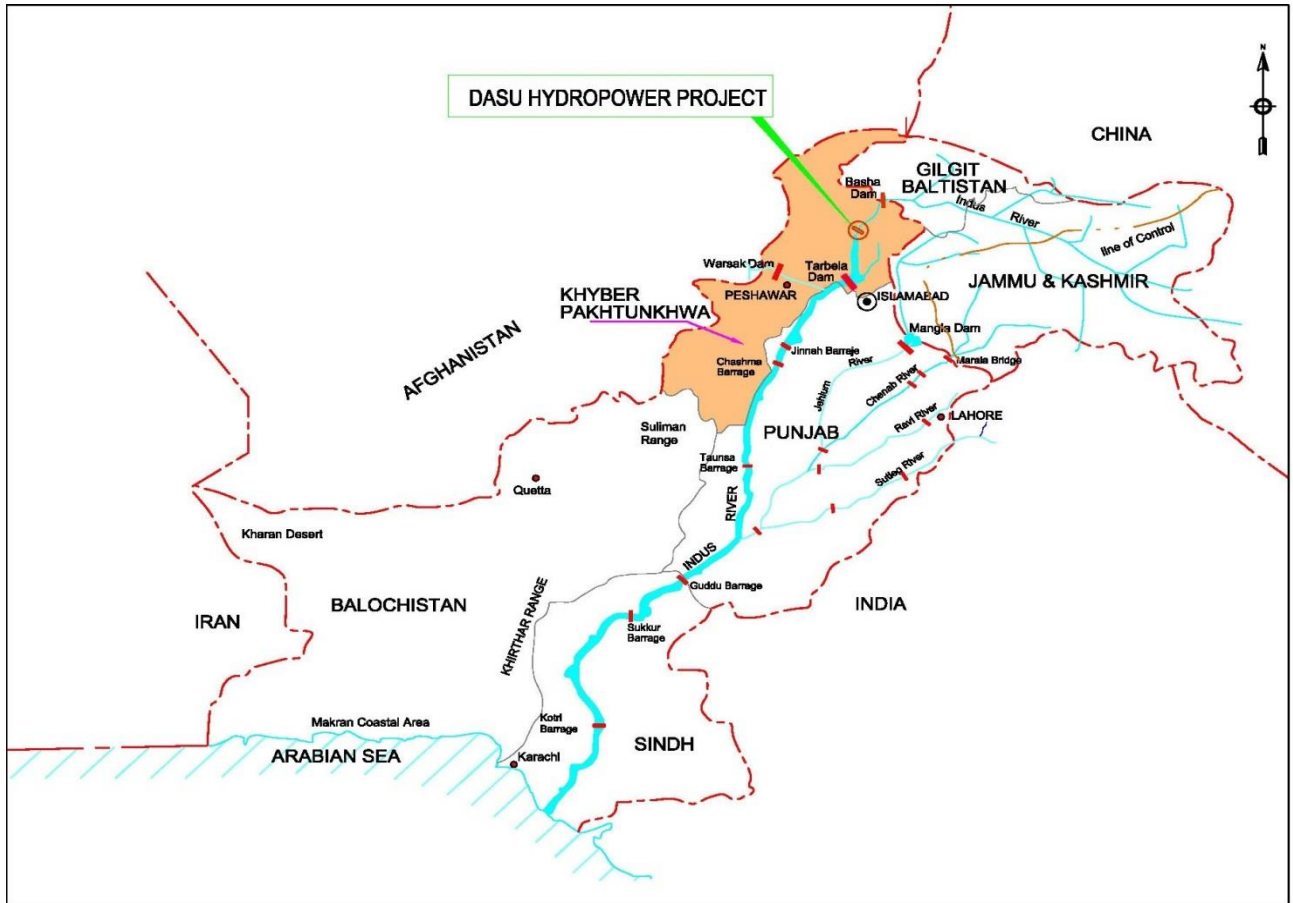
Dasu Hydropower Consultants (DHC)

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 month of August 2022.

1.1 Major Events

- (1) During the month of August, heavy floods were observed in the project area due to which some field activities were suspended partially for few days.
- (2) A temporary bridge on Uchar Nullah was washed away due to a massive flash flood at Uchar Nullah. KKH was blocked for both sides traffic at this point. NHA and FWO worked together and the traffic was restored after two weeks.
- (3) Due to flood in Zed Khar Nullah and massive land slide, the Karakoram Highway was destroyed and was closed for few days. Which caused an impasse in oil supply for the generators. Resultantly, the office timing was reduced in order to use the available oil reserves efficiently.
- (4) Four-member World Bank Team visited DHPP during August 10 to 12, 2022 for reviewing the progress of DHPP. The World Bank 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), and Consultant Land Acquisition (Mr. Farid Ahmed).

The World Bank Team was briefed about the status of contracts. Detailed discussions held regarding the progress and issues of land acquisition, SMR Implementation, local area development program, Independent Grievance Redressal Committee, Public Health Implementation Plan and Communication. The World Bank Mission Team met with the Deputy Commissioner and Land Acquisition Collector. The team also visited WAPDA Colony and Contractor' Camp at Barseen.

- (5) A meeting between Chairman WAPDA and CGGC Delegation was held on August 24, 2022, at Mega Hydel Complex WAPDA Islamabad, wherein the following items were concluded:
 - CGGC in consultation with M/s DHC "The Engineer" will submit a tentative revised timeline to complete the River Diversion Scheme by mid-April 2023 before closing hours whereas a Comprehensive Proposal with timelines will be submitted within 07 days.
 - WAPDA will provide Pumps to CGGC to expedite the dewatering of Diversion Tunnels.
 - M/s DHC will finalize and issue the VO for Procurement of 06 x Diesel Generators (800 kW each) within 07 days. CGGC will ensure procurement, installation, and operation of Generators before completion of construction of Crushing & Batching Plants at Uchar (Thoki) expected by the end of October 2022.
 - CGGC will submit Financial Assistance Proposal to WAPDA within the ambit of the Contract along with timelines and methodology to expedite the River Diversion Works.
 - GM/PD Dasu will facilitate the CGGC in providing requisite land for Labor Camp as the existing facility was damaged due to recent floods.
- (6) During August 2022, an amount of PKR 129,411,897/- was paid as compensation payment to 73 PAPs of 17 components. A total of 91 cheques were issued by DC office during the month of August 2022.

At the end of August 2022, a total amount of PKR 18.95 billion was paid, including PKR 18.61 billion to 7,565 PAPs through 11,217 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.				
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	796.09	12.47	808.56
Dolsar	520.96	323.94	6.40	330.34
Locals	8,950.44	5,356.89	90.86	5,447.75

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	26	102	234	362
Grand Total					387

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. Birol Murat Erdolu	Construction Technical Advisor (Tunnel)	01 st August 2022	Dolsar
2	Mr. Hojjat Hussainzadeh	RCC/CVC Mix Expert	07 th August 2022	Dolsar
3	Mr. Neil White	Contract Engineer-1	08 th August 2022	NK
4	Mr. Michael Gerad Canny	Resident Engineer MW-02	09 th August 2022	NK
5	Mr. Hirotaka Koizumi	Construction Technical Advisor	22 nd August 2022	NK
6	Mr. Selcuk Genc	Assistant Design Engineer	22 nd August 2022	Dolsar
7	Mr. Hiroschi Ogawa	Geo-Technical Engineer	31 st August 2022	NK

Table 3.5: Departure of DHC Expatriates from Project

Sr. No.	Name of Staff	Position/Designation	Date of Departure	Name of Firm
1.	Mr. Ali Onur Kuyucak	Bridge Design/Supervision Engineer for KKH-01 & KKH-02	05 th August 2022	Dolsar
2.	Mr. Naim Karaman	Deputy Project Manager C	11 th August 2022	Dolsar
3.	Mr. Hiroschi Ogawa	Geo-Technical Engineer	13 th August 2022	NK
4.	Mr. Ali Murat Ozbek	Construction Technical Advisor	14 th August 2022	NK
5.	Mr. Burhan Arioiz	Transmission Line/Grid Station Specialist	16 th August 2022	Dolsar
6.	Mr. Batuhan Ozdemir	RE Road Tunnel for KKH-01&KKH-02	26 th August 2022	Dolsar
7.	Mr. Juan Carlos Hernandez	Schedule and Analysis Specialist	22 nd August 2022	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. Sajjad Aslam	Jr. M&E Professional (Environment)	03 rd August 2022	PES
2.	Mr. Imran Nazir	Jr. Costing & Construction Planner/Schedule Monitoring Engineer	06 th August 2022	NDC
3.	Mr. Ahmad Hussain	Jr. Road Engineer	06 th August 2022	DMC
4.	Mr. Waleed Saqib	Jr. Road Engineer	10 th August 2022	DMC
5.	Mr. Sherbaz Khan	Jr. Utility Engineer	18 th August 2022	PES

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 requested for the additional requisite records for evaluation of the Contractor's claim of Firing Incident. [MW-01]
- The Engineer issued instructions to the Employer on matter of dispute "provision of Power Supply". [MW-01]
- The Engineer reminded the Contractor to provide required information for the provision of vehicles. [MW-01 & MW-02]
- The Engineer instructed the Contractor to pay the Helicopter charger and further provided his remarks on the currency exchange rate. [MW-01].
- The Engineer notified the Contractor on failing to provide requisite vehicles as per contract and further intimated on possible recompenses. [MW-01]
- The Engineer notified the Contractor on royalties and licensing fee payment to mines and mineral development department, KPK on the behalf of the Employer. [MW-01].
- The Engineer informed the Employer about the Contractor's notice of dissatisfaction on DB's decision and further added comments on the amicable settlement. [MW-01]
- The Engineer requested the Contractor to designate a Contractor's representative to liaise with the Engineer regarding the submitted claims. [MW-01 & MW-02]
- The Engineer instructed the Contractor to respond to the queries pertaining to the subject claim and to provide the supporting documents accordingly. [MW-01]
- The Engineer notified the Contractor once again on royalties and licensing fee payment to mines and mineral development department, KPK on the behalf of the Employer [MW-01]
- The Engineer informed the Employer that the Contractor has agreed on the Employers suggestion to pay royalties and related taxes to mines and mineral development department. [MW-01]
- The Engineer acknowledged the notice of claim of the Contractor of Force Majeure event of flood in Uchar Nallah and issued the instructions accordingly. [MW-01 & MW-02]
- The Engineer intimated the Employer on the site and safety condition due to overtopping of diversion tunnels inlet dike. [MW-01]

- The Engineer instructed the Contractor to take safety measures due to overtopping of the diversion tunnels inlet dike. [MW-01]
 - The Engineer added comments on the Contractor's correspondence regarding provision of vehicles and instructed to deliver the requisite vehicles by 30th August 2022 as per contract. [MW-01]
 - The Engineer requested the Employer to arrange helicopter for aerial reconnaissance of Uchar Nallah up to the glacier to investigate the causes of ongoing intermittent flooding. [MW-01]
 - The Engineer instructed the Contractor to initiate the claim for the loss and damages due to the flood in Uchar Nallah for the insurance company. [MW-02]
 - The Engineer asked for clarifications from the Contractor pertaining to the LNG claim.
- b) Contract ICB No. Dasu-LBRV-11 & LBRV-12**
- The Engineer once again instructed the Contractor to extend the Advance Payment guarantee that is going to expire in near future. [LBRV-11 & LBRV-12]
 - The Engineer instructed the Contractor to proceed with the claim from the insurance company for compensation of loss due to heavy rainfall and flood. [LBRV-11]
 - The Engineer asked the Contractor for the procedure of repayment of advance payment before the taking over of completed sites. [LBRV-11 & LBRV-12].
 - The Engineer issued instructions to the Contractor in regard of the force majeure event of heavy flood and rainfall. [LBRV-11 & LBRV-12].
 - The Engineer requested the Contractor to provide requisite records in support of the Contractor's prolongation claim. [LBRV-11].
 - The Engineer informed the Contractor about the meeting scheduled to discuss the particulars of the subject claim. [LBRV-11].
 - The Engineer informed the Contractor about the meeting scheduled to discuss the mode of recovery of advance payment. [LBRV-11 & LBRV-12]
 - The Engineer informed the Employer about the meeting scheduled to discuss the mode of recovery of advance payment. [LBRV-11 & LBRV-12]
 - The Engineer issued a variation order No. DASU-LBRV-11 VO-004 to the Contractor signed by the Engineer. [LBRV-11].
 - The Engineer once again instructed the Contractor to extend the Advance Payment guarantee that is going to expire in near future. [LBRV-11 & LBRV-12]
- c) Contract ICB No. Dasu-PCI-01R**
- The Engineer intimated the Employer with self-explanatory letter of the Contractor that the issue of nonpayment to sand supplier has been resolved.
 - The Engineer instructed the Contractor to extend the CAR, CPM and WC insurances before they get expired in near future.
 - The Engineer issued the interim payment certificate IPC-32 and sent to the Employer for further action.
- d) Contract ICB No. DASU-RAR-01:**
- The Engineer issued the interim payment certificate IPC-32 and sent to the Employer for further action.
 - The Engineer issued the combined taking over certificate for the original scope of work.
- e) Contract ICB No. DASU-RAR-02:**
- The Engineer acknowledged the notice of claim of the Contractor of Force Majeure event of Mud Flow in Uchar Nallah and further issued the instructions accordingly.
- f) Contract ICB No. TL-01**
- The Engineer issued the interim payment certificate IPC-62 and sent to the Employer for further action.
 - The Engineer instructed the Contractor to extend the advance payment guarantee and added further instructions on recovery mechanism of the advance payment.

- The Engineer instructed the Contractor to submit a proposal for the swift recovery of the advance payment guarantee (foreign component) urgently.
- The Project Manager briefed the Employer on the consultations with the Contractor regarding swift recovery of advance payment guarantee and further the Engineer advised the Employer to withhold the IPC's to get recovery of advance payment.
- The Project manager submitted detailed comments to the Employer on the Contractor's letter regarding reimbursement of the custom duties and taxes.
- The Project Manager informed the Contractor about the meeting scheduled to discuss and confirm the mode of recovery of balanced foreign currency of advance payment.
- The Engineer requested the Employer to issue letter to the Contractor to extend the advance payment guarantee for the duration of six months.

g) Contract ICB No. EM-01

- The Project Manager requested the Employer to provide necessary information from its CRR office Karachi to facilitate the Contractor for custom clearance.
- The PM briefed the Contractor on his duty and import tax exemption application.
- The Project Manager asked the Contractor to provide detailed cost estimate for construction of security facilities for the cost reimbursement.
- The Project Manager approved the Template of Permission to deliver and packing list created by the Contractor in light of the Project Manager's comments.
- The Project Manager informed the Employer about the change in Shunt Reactor rating from 120 to 180 MVAR Bank.
- The Project Manager submitted the draft to the Employer of "Cargo Insurance during Transport" for the first batch of equipment to accord approval.
- The Project Manager asked the Contractor to submit "Master Sheet" containing detailed information of equipment to be delivered at Dasu site to arrange Temporary Storage.
- The Project Manager asked the Contractor to provide EIF data for the imported plant and custom broker for approval of the Employer and also shared the contact details of CRRK to coordinate further for import process.
- The PM instructed the Contractor to comply with his contractual obligation to provide 6 No. vehicles(4x4 Double Cabin) for the Employer's and the Project Manager's Staff
- The Project Manager issued the permission to deliver Unite-3 draft tube elbow and diffuser and authorises to proceed with packaging and shipping.
- The Project Manager issued permission to deliver Unite-3 Rotor Supporting Tool and authorises to proceed with packaging and shipping.
- The Project Manager instructed the Contractor to nominate the Contractor's representative for a joint site visit with the Employer and the Project manager for finalization of temporary storage Space.
- The Project Manager requested the Employer to resolve issues of the local's interference in the Contractor's work of construction of site camp.
- The Project Manager issued permission to deliver U3, U2, U1 common piping and authorises to proceed with packaging and shipping.
- The PM provided clarification on the inspection certificate issued by the Employer.
- The Project Manager asked the Employer to nominate the Employer's representative for a joint site visit with the Contractor's and the Project manager's representatives for finalization of temporary storage Space.
- The Project Manager provided his comments on the Contractor's proposed discount of 7% for the change order on AVR excitation system.
- The Project Manager provided his detailed comments on the Contractor's request to add proposed supplier into vendor list for turbine shaft.
- The Project Manager provided his detailed comments on the Contractor's request to add proposed supplier into vendor list for Guide Vanes.
- The PM provided clarification on the inspection certificate issued by the Employer.

- The Project Manager submitted his comments on the Master Sheet submitted by the Contractor and asked to revise as instructed.
 - The Project Manager informed the Contractor that the approval of the Contractor's DB member is still awaited for the decision from the Employer.
 - The Project Manager instructed the Contractor to use letters for correspondences rather than emails for effective management.
 - The Project Manager instructed the Contractor to proceed for manufacturing of 165KV GIS and GIL as per the approved design and manufacturer.
 - The Project Manager presented to the Employer an alternate manufacturer for the generator stator core and requested for comments.
 - The Project Manager submitted his response on the issue of local's interference to the site camp and issued instructions to the Contractors.
 - The PM requested the Employer to handover the possession and access to remaining site camp area and provide the external security force at the Contractor's site camp.
 - The Project Manager informed the Employer with the updated schedule of joint site visit with the Contractor's and the Project manager's representatives
 - The Project Manager acknowledged the Contractor's notice of claim and registered as "August 2022 - RoW Issue at EM-01 Site Camp EM-01/C-005"
- h) Contract ICB No. KKH-01**
- The Engineer provided his recommendations to the Contractor on the Force Majeure event of flood in Uchar Nallah.
 - The Engineer provided his comments on the Contractor's all risk insurance policies proposal and requested the Employer to provide confirmation at earliest.
 - The Engineer issued the interim payment certificate IPC-26 and sent to the Employer for further action.
 - The Engineer issued the requirements for interim payment application (IPA) and instructed the Contractor to follow them in next IPA.
 - The Engineer informed the Contractor about the approval of the Contractor's all risk insurance policy by the Employer and further issued the relevant instructions.
- i) Contract ICB No. KKH-02**
- The Engineer provided his detailed comments on the Contractor's request to the Employer to cancel the requirement of minimum amount of IPC.
 - The Engineer acknowledged the receipt of the Contractor's Notice of Claim and registered as "August 2022-Claims for Additional Cost and Time due to Occupation of the Contractor's Pakistani Staff by Army Personnel".
- j) Contract ICB No. DASU RV**
- The Engineer submitted his detailed response on the Contractor's correspondence pertaining to the Contractor's Prolongation claim.
- k) Contract ICB No. RBRV-11**
- The Engineer provided his instructions to the Employer on the matter of extension of advance payment guarantee and performance guarantee

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

- Contractor has requested the Engineer and Employer to acquire the Land in Chuchnag Colony area for relocation of Camp after flood in Uchar Camp.
- Flood occurrence in Uchar Nullah on 1st august 2022 which destroys Uchar Bridge and blocked Indus river flow causing damage to contractor's camp and machinery at Uchar camp. Traffic on existing KKH was stopped due to heavy muddy slides and destruction of Uchar Bridge.

2) Working / Shop Drawings

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

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
18-Jun-22	CCECC/DASU-KKH-01/LOGRO-A/RFDA/197	submission shop drawing of logro-A tunnel (K9+140 ~ K10+360)	07-Jul-22	Revise and Resubmit
05-Aug-22	CCECC/DASU-KKH-01/joint checking/AFI/LOGRO-A-005	Submission of shop Drawings for LOGRO-A Tunnel (K9+140~K10+360)	05-Aug-22	Approved
31-Aug-22	CCECC/DASU-KKH-01/Slope Protection Shop D/RFDA/193-R	Submission of Revised shop Drawings/for Slop Protection X-Section for KKH-01	31-Aug-22	Approved

B) KKH-02

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

1) Major Activities

- Excavation and blasting at K28 kaigah, K31 and K34 Panibah access Roads.
- Excavation in ROW at K28+450 to K28+520, K31+000 to K31+230 and K33+550 to K33+630.
- Clearing of landslide material from existing KKH at various locations up to Looter area after heavy rain and flood.
- Furnishing items for Engineer's office at Kaigah camp is also being finalized.
- Request for removal of houses inside and below the KKH-02 has been forwarded to the Employer.
- Drawings for Army Barracks have been submitted by the Contractor and is sent to Employer for Review.
- Construction of Security Check post at Kaigah has been started.
- Site visits and negotiations with community jointly with WAPDA and Contractor for leasing of camp land at looter
- Meetings conducted with the Contractor and the Employer to discuss the ROW, houses and other issues.

2) Design Activities

The following design activities are in progress.

- Checking of Shop drawings for access roads.
- Replying of queries of the Employer on the proposed structures.

C) RAR-01 Team

1) Major Activities

- Site visit to Komila bypass for checking of excavation activities and work progress.
- Joint progress meeting with the Contractor and Employer for Komila bypass.
- Joint visit with Employer for verifying of Local Houses located in ROW.
- Letter issued to Contractor regarding Combined Taking over Certificate of RAR-01 project dated August 03, 2022.
- Interim payment certificate # 32 letter to Wapda dated August 10, 2022.
- Meeting with World Bank and Employer regarding Komila Bypass & RAR-01 project.
- Letter to Contractor for removal of excavated dumped material from private land at Komila Bypass end point dated August 19, 2022.

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-Jul-22	CCECC/DASU-RAR-01/KB/RFDA/38	Submission of Breast wall Structure Excavation work done Section 1. K0+006.25 to K0+043.75	06/Aug/2022	Approved Except as Noted
02-Aug-22	CCECC/DASU-RAR-01/VO/RFDA/52	Submission of VO #008 Work done Quantity of Rangu Madrasa and Hospital Wall	06/Aug/2022	Approved Except as Noted
02-Aug-22	CCECC/DASU-RAR-01/VO/RFDA/53	Submission of VO #008 Girti Causeway Down Stream Protection Work done and Quantity	03/Aug/2022	Approved Except as Noted

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
04-Aug-22	CCECC/DASU-RAR-01/KB/RFDA/39	Submission of Breast Wall A1 Concrete and Completed BBS Work Done Section 1.K0+006.25 to K0+043.75	05/Aug/2022	Approved Except as Noted
04-Aug-22	CCECC/DASU-RAR-01/RFDA/54	Submission of Stud/Cat Eyes Work done 1.K8+981.25 to K12+058.25	04/Aug/2022	Approved Except as Noted
24-Aug-22	CCECC/DASU-RAR-01/Komila bypass/RFDA/40	submission of local access ramp along with plan elevation and sections from K1+068.75 to K1+093.75	24/Aug/2022	Approved Except as Noted

D) RAR-02 Team

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

1) Major Activities

- Excavation and blasting work at RAR02 (K13+290), Larghani Cableway foundation (K20+600), Kandia and Seer Gayal access roads.
- Rehabilitation works of Kandia Access Road after heavy rain and flooding.
- Checking blasting pattern submitted by the Contractor.
- Checking of Contractor Standing Time records and DPR.
- Review of contractor's weekly and monthly progress reports.
- Supervision of site activities including concrete, blasting, excavation and drilling works.
- Conducting of Progress meetings jointly with Contractor and Employer.

2) Design Activities

The following design activities are in progress.

- Issued revised construction drawings from K13+220 to K13+500, due to steep cutting in vertical cliff.
- Reviewed revised shop drawings and earthwork cross section (K12+666 to K13+190) submitted by the Contractor.

3.4.4 TL Section

Major DHC activities undertaken during this month are:

1) Correspondence:

- Prepared the letter regarding stoppage of tower erection work by land owner at T-200A and T-201A.
- Prepared the letter regarding slow progress at Transmission Line and Grid Station.
- Prepared the letter regarding new store at Pattan and its management.
- Prepared letter regarding approval of quantity list of control and power cables.
- Issued approval for revised conduit layout plan drawing of control house building of Grid Station.
- Prepared letter regarding request for manufacturer approval of M/s Pan Power International and M/s Hammad Engineering Company for 200 KVA and 400 KVA pad mounted transformer.
- Prepared letter regarding pending procurement of WAPDA project office.
- Prepared letter regarding procurement of cables and conductors.
- Prepared letter regarding supplying and installation of false ceiling lights in project office building complete in all respect.

2) Meetings:

- Weekly Progress review meeting of TL-01 with Contractor and WAPDA held on 24th August, 2022.

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

The major DHC activities undertaken during this month are:

a) MW-01

- The Engineer continued to finalize RfP for varied works on the permanent road (LU-2) and temporary access road to cable crane foundation on left bank (CR 5-2).
- The following working drawings were submitted by the Contractor and the Engineer reviewed and replied, accordingly.

Contractor's Drawings

Received Date	Letter Number	Title	Reply Date
5-Aug-22	CGGC/MW-01/RFDA/DHC-437	Diversion Tunnel A Inlet Tunnel Part 4 Reinforcement Drawings-(D3)	
5-Aug-22	CGGC/MW-01/RFDA/DHC-438	Diversion tunnel Construction Adit Plug Concrete-(D6)	
6-Aug-22	CGGC/MW-01/RFDA/DHC-439	The Typical Section Drawing of Upstream Starter Dam-(D1)	15-Aug-2022
9-Aug-22	CGGC/MW-01/RFDA/DHC-440	Repair Drawings of CR2 Temporary Access Road-(D1)	
9-Aug-22	CGGC/MW-01/RFDA/DHC-441	Slope Repair of Uchar Camp-(D1)	
13-Aug-22	CGGC/MW-01/RFDA/DHC-442	Development Quarry of Uchar Camp-(D1)	

Method Statement

Received Date	Letter Number	Title	Reply Date
13-Aug-2022	CGGC/MW-01/TD/DHC-2442	Submission of Method Statement of the Cavity grouting of the Diversion Tunnel Arch	

NCR and Engineer's Instruction

NCR

NO NCR issued during the Month of August-2022

Engineer's Instruction

EI Issued Date	NCR No.	Title	Remarks
1-Aug-2022	DHC/Dasu/MW-01/EI/22-021	Ventilation Duct in the Left Bank Traffic Diversion Tunnel	
17-Jul-2022	DHC/Dasu/MW-01/EI/22-022	Reminder to Install Submersible Pumps for Dewatering of Diversion Tunnel	

b) MW-02

1) General

- Authorization of Jumbo Machine to Resume Work at CT-2.MW-02.

The Contractor (CGGC) was informed and authorized that the Engineer and the Employer are collectively satisfied with the technical inspection result for this Jumbo machine (1Z18).

- Response to Submission Report of Post-Tensioned Tendon Trials in Powerhouse

The Engineer responded with below Comments.

- According to ACI 318, required elongation shall be determined from average load-elongation curves. During PS tendons trial tests, the elongation value for first 10% load was not measured.
- The Contractor should have to confirm the exact elastic modulus value with the manufacturer for the stranded wire of PS tendon and should include in the revised report.

- Visit of Chief Security Officer to Gini Camp-Security issues.MW-02.

The Chief Security Officer was recommended that certain actions/improvement in the communication-related matters should carried out by the Contractor M/s. CGGC to improve the communication system.

- Deficiency of Services Electronic Item Required.

All the concerned Contractors were instructed by Engineer to rectify the deficiencies as noted against each contractor's premises and ensure the availability of services at the location identified therein at the earliest.

- Measures to be Taken against Alkali-Silica Reactivity Potential of the Rocks Being used in Concrete Productions.

The Contractor was instructed to take preventive measures against "Alkali-Silica Reactivity" without any delay regarding Potential of the Rocks Being used in Concrete Productions (MW-02).

- Construction Design Drawings for Steel Penstock.

The Contractor was suggested accordingly

- The excavated material lying on the KKH road near the CR-9 water Tank should remove for smooth movement of the heavy traffic without any obstruction/hindrance.
- Proper security arrangements should be made for 24 hours for the protection of Chinese working at the CT -2 tunnel.

- **Provision of Protection Fence Above and on Both Sides of CT-2 Portal in Tailrace.**
The Engineer conditionally approved the drawing submitted by the Contractor regarding CT2 Tunnel Portal protection fence.
- **Detail Incident Investigation Report at CT-2.MW-02.**
The DHC OHS Section shared the Detail Investigation Report of Level-4 Incident at CT-2. MW-02 on 24th July 2022.
- **Move of Foreigners to Komila Dasu Market MW-02.**
It was decided by the WAPDA authority that the Contractor should deputed one (1) person or any local employee of the Contractor to carry out purchases on behalf of the camp persons/foreign nationals. Additionally their names should be shared with Dy. Director (Security) to arrange adequate security (Minimum 3 FC persons) during their visit to Komila market and back to camp.
- **Request for Provision of AC Loads List (Reminder-1).**
The Contractor was instructed to provide the AC loads of MW-01 & MW-02 for EM-01 Contractor to finalize the station service power distribution system vide above referred letter.
- **Reply to IPOE Comments on Assessment of Geological Conditions in Technical Note for Design Modification of Tailrace Tunnels.MW-02.**
The Engineer was responded on Assessment of Geological Conditions in Technical Note for Design Modification of Tailrace Tunnels.MW-02.
- **Site Works-Uchar Mudflow.MW-02.**
The Contractor was requested to resume the work at the earliest, as discussed in the meeting held on 5th August 2022 at 10:00 am at the CGGC office located in Barseen Camp.
- **Comments on the Contractor's Request for Optimizing Shotcrete Mix Designs.MW-02.**
The Contractor was instructed to perform the proposed CVC mix trials as per the Engineer's Comments.
- **Coordination Meeting Security Related Aspects.MW-02.**
The coordination meeting was held on 11th August 2022 and discussed the mentioned below Points accordingly,
 - Progress on repair works/establishment of posts/barriers as per actions referred to in letters already sent to the Contractors from time to time.
 - Security clearance of Labors.
 - Readjustment of security manpower.
 - Deficiencies/observations related to security cameras/water supply/electricity.
 - Movement of foreigners without security.
- **Request for Issuance of NOC for the Renewal of Explosive License No.KPK.SP-866-E.**
The Employer was requested by The Engineer to inform the Chief Inspector of Explosive for the renewal of explosive license No, KPK.SP-866-E.MW-02.
- **Response to the Calculation of the Penstock Adit Plugging.MW-02.**
The Calculation was reviewed by the Engineer and Commented accordingly.
- **Response to the Submission of Blasting Design of Power Intake.MW-02.**
The Engineer conditionally approved the blast design of Power Intake.
- **Suspension of Work- Due to Contractors Failure to Ensure Safe Working Condition.**
The Contractor was instructed to suspend the work at the site on the subject letter (Suspension of Work- Due to Contractors Failure to Ensure Safe Working Condition).
Moreover, The Contractor was advised that Contractor should convene an immediate meeting with the Employer and the Engineer on the matter to further discuss the matter and to review the Contractor's plan to ensure the above-mentioned safety compliance.
- **GIS Access Tunnel Geological Mapping from Sta.0+000 to Sta.0+120.MW-02.**
The Engineer reviewed and commented accordingly.
- **Water Level Discharge Curve and Geological Exploration Data at Tailrace Outlet Area.MW-02**
The Contractor was requested to investigate the geology by own geologist for the temporary cofferdam design.

- **Main Access Tunnel Geological Mapping from Sta.0+150 to Sta.0+963.MW-02.**
The Engineer reviewed and commented accordingly.
- **Suspension of Work Due to Contractors Failure to Ensure Safe Working Conditions. Part-2.**
The Contractor was instructed to suspend the work at the site on the subject letter (Suspension of Work- Due to Contractors Failure to Ensure Safe Working Condition).
Moreover, The Contractor was advised that Contractor should convene an immediate meeting with the Employer and the Engineer on the matter to further discuss the matter and to review the Contractor's plan to ensure the above-mentioned safety compliance
- **Issue of Construction Drawing for MW-02.**
The Engineer was issued the tailrace tunnel 431-010c excavation supporting transition detail drawings.
- **Issue of Construction Drawing for MW-02**
The following drawings were issued by The Engineer via subject letter.
 - Draft Tunnel Excavation Plan
 - Draft Tunnel Excavation Profile
 - Draft Tunnel Supporting Details (1/2)
 - Draft Tunnel Supporting Details (2/2)

2) Review of Contractor's Working Drawings

The Engineer reviewed and replied of the following drawings.

Letter Nos.	Title	EAC No.	Reply Date	Remarks
CGGC/MW-02/RFDA/DHC-411	Switchyard Compound Excavation Drawing (D2)	EAC-22-035	02-Aug-22	
CGGC/MW-02/RFDA/DHC-407	Blasting Design of Underground Powerhouse Second Layer (D2)	EAC-22-036	07-Aug-22	
CGGC/MW-02/RFDA/DHC-408	Blasting Design of Transformer/GIS Cavern Second Layer	EAC-22-037	07-Aug-22	
CGGC/MW-02/RFDA/DHC-410	Excavation Sequence and Blasting Design of LPT-1 (D1)	EAC-22-038	13-Aug-22	

3) Issued Engineer Instruction

The Engineer issued the following Site Instructions (SIs).

Location	Subject	EI No.	Issue Date
LPT1, SCVATG, TB, & CT	LPT1, Surge Chamber Vault Galleries Service Tunnel B, and CT2 Application of Safety layer shotcrete to protect the Exposed Walls Crown End.	22-43	16-08-2022

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 instructed regarding the Construction of Repair Works Required on Various Posts in Camps.LBRV-11 dated 1st august 2022.
- The Engineer responded regarding Recovery of Outstanding Advance Payment.LBRV-11 dated 2nd august 2022.
- The Engineer responded to the Deficiency of Services Electronic Item Required LBRV-11 dated 2nd august 2022.
- The Engineer responded regarding the Movement of Foreigners to Komila Dasu Market.LBRV-11 dated 5th august 2022.
- The Engineer responded regarding the Coordination Meeting Security Related Aspects.LBRV-11 dated 9th august 2022.
- The Engineer responded to Erosion of Construction Material and Damage of Contractors Camp Due to Heavy Rainfall & Flood in River Indus.LBRV-11 dated 10th august 2022.
- The Engineer asked the contractor to Submit the Requisite Record for the Evaluation of Contractors Prolongation Cost Claim.LBRV-11 dated 10th august 2022.
- The Engineer instructed the contractor to attend the Consultation Meeting to Discuss the Contractors Cost Claim on Account of Omission of Non-Handed Overs Sites.LBRV-11&12 dated 10th august 2022.

- The Engineer informed the Employer regarding the Submission of Verification Status of Permanent Employees and Daily Wages Labors.LBRV-11 dated 12th august 2022.
- Reminder Letter and Request to Employer for Omission of RV Khoshe-2 Link-2 Site.LBRV-11 dated 13th august 2022.
- Reminder Letter and Request to Employer for Omission of Public Structure from the Ambit of LBRV-11 dated 13th august 2022.
- The Engineer instructed the contractor to attend the Meeting to Discuss the Mode of Recovery of Advance Payment.LBRV-11&12 dated 18th august 2022.
- The Engineer responded to the VO-004-Vatiation regarding Omission of Non-Handed over Resettlement Sites.LBRV-11 dated 18th august 2022.
- The Engineer responded to the Extension of Advance Guarantee.LBRV-11 dated 18th august 2022.
- The Engineer informed the Employed regarding additional demand of local community of koshee site 1 dated 24th august 2022.

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-Jul	ZEG/DASU-LBRV-11 Uchar 01 SD/RFDA/030	Submitting shop drawing for the chamber for house connection at Uchar site 01		
8-Aug	ZEG/DASU-LBRV-11 Khoshee 02 Link 01 SD/RFDA/021	submission of shop drawing retaining wall for access road of khoshee.02 link-01	13-8-2022	approved as noted
12-Aug	ZEG/DASU-LBRV-11 Khoshee 02 Link 01 SD/RFDA/023	Request for shop drawing for clear water tank at khoshee 02 link-01	13-8-2022	approved as noted

b) LBRV-12

- The Engineer responded regarding the Recovery of Outstanding Advance Payment.LBRV-12 dated 2nd august 2022.
- The Engineer responded regarding the Coordination Meeting Security Related Aspects.LBRV-12 dated 9th august 2022.
- The Engineer responded regarding the Erosion of Construction Material and Damage of Contractors Camp Due Heavy Rainfall & Flood in River Indus.LBRV-12 dated 10th Aug 22.
- The Engineer informed the Employer regarding the Submission of Verification Status of Permanent Employees and Daily Wages Labors.LBRV-12 dated 12th august 2022.
- The Engineer responded on Extension of Advance Guarantee.LBRV-12 dated 18th Aug 22.

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
22-Jul	ZEG/DASU-LBRV-12 NASIRABAD 02/SD/RFDA/030	Submission of the Revised Shop drawing for the external water supply of Nasirabad site 02	25-07-2022	Approved
22-Jul	ZEG/DASU-LBRV-12 NASIRABAD 02/SD/RFDA/031	Submission of the shop drawing for the clear water tank of Nasirabad site 02	27-07-2022	Approved
25-Jul	ZEG/DASU-LBRV-12 NASIRABAD 02/SD/RFDA/032	Submission of the shop drawing for the sewerage system of additional terrace of Nasirabad site 02	25-07-2022	Approved Except As Noted

c) RV

- The Engineer informed the Employer regarding the Preparation of Punch List for Completion Taking over for Parts of the Works-Relocated Plots of the Choochang-1 (Dasu-RV) dated 2nd august 2022.
- The Engineer asked the Employer about the Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office dated 2nd august 2022.
- The Engineer responded the contractor, s Submission of Revised Programme Schedule for Extension of Time (EOT) of RV dated 4th august 2022.
- The Engineer responded the contractor, s Prolongation and Idle Cost Claim. RV dated 10th august 2022.
- Reminder Letter to Employer for the Preparation of Punch List for Completion Taking over of Parts of the Works. RV dated 23rd august 2022.

No working drawings was submitted by the Contractor in August 2022.

d) Project Colony – PCI-01R

- The Engineer verified interim Payment Certificate No.32.PCI-01R dated 1st august 2022.
- The Engineer responded regarding the Submission of Revised Schedule for PCI-01R dated 1st august 2022.

- The Engineer responded to the Deficiency of Services Electronic Item required dated 2nd august 2022.
- The Engineer responded to the Request for Manufacturer Approval of MS Pan Power International and MS Hammad Engineering Company for 200 Kva and 400 Kva Pad Mounted Transformers.PCI-01R dated 4th august 2022.
- The Engineer instructed the contractor for Procurement of WAPDA Project Office.PCI-01R dated 4th august 2022.
- The Engineer instructed the contractor for Procurement of Cable and Conductors.PCI-01R dated 4th august 2022.
- The Engineer responded regarding the Outstanding Works and Delay in Submission of Shop Drawings for Elevator (Lift) Steel Cover for Drainage Pipe and Electric Cable in Project Office Building dated 4th august 2022.
- The Engineer issued the Progress Review Minutes of Meeting Held dated 27th July 2022. PCI-01R dated 5th august 2022.
- The Engineer responded on Movement of Foreigners to Komila Dasu Market.PCI-01R dated 5th august 2022.
- The Engineer instructed the contractor to Commence the Varied Works of Slope Protection at Choochang-1 Resettlement Village Site.PCI-01R dated 6th august 2022.
- The Engineer responded on the contractor, s irresponsible behavior regarding the Coordination Meeting Security Related Aspects PCI-01R dated 9th august 2022.
- The Engineer Noticed for Delay in Provision of Glass Wall for Partition into the Washroom Area of the Residence Category-1, 2, & 3.PCI-01R dated 13th august 2022.
- The Engineer issued the Progress Review Minutes of Meeting Held dated 27th July 2022. PCI-01R dated 17th august 2022.
- The Engineer responded regarding the Extension of Contractors All Risk (CAR) Insurance Policy (CPM) Insurance Policy and Workmens Compensation Insurance Policy. PCI-01R dated 18th august 2022.
- The Engineer responded to the contractor, s Request for Review and Approval of Cooking Range of 3 Burners BOQ Item B-1-1(V) 14.PCI-01R dated 20th august 2022.
- The Engineer 2 Responded to Boundary Wall Alignment.PCI-01R dated 22nd august 2022.
- The Engineer responded regarding the Cracked Wooden Door.PCI-01R dated 23rd Aug 22.

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-Jul	CGICOP/DASU/PCI-01R/RFDA/633	Submission of the shop drawing for the layout of vent pipe detail for the wapda project office building	4/8/2022	Approved Except As Noted
31-Jul	CGICOP/DASU/PCI-01R/RFDA/634	Submission of the shop drawing for the layout of earth work drawing for the septic tank & anerobic tank at KKH Road	1/8/2022	Approved Except As Noted
2-Aug	CGICOP/DASU/PCI-01R/RFDA/635	Submission the shop drawing for the Doors Hardware fixture of the wapda project office building.	3/8/2022	Approved
2-Aug	CGICOP/DASU/PCI-01R/RFDA/636	Submission the shop drawing for the Doors Hardware fixture of the Res Cat 1 building.	3/8/2022	Approved
2-Aug	CGICOP/DASU/PCI-01R/RFDA/637	Submission the shop drawing for the Doors Hardware fixture of the Res Cat 2 building.	3/8/2022	Approved
2-Aug	CGICOP/DASU/PCI-01R/RFDA/638	Submission the shop drawing for the Doors Hardware fixture of the Res Cat 3 building.	3/8/2022	Approved
2-Aug	CGICOP/DASU/PCI-01R/RFDA/639	Submission the shop drawing for the Doors Hardware fixture of the Res Cat 4 building.	3/8/2022	Approved
2-Aug	CGICOP/DASU/PCI-01R/RFDA/640	Submission the shop drawing for the Doors Hardware fixture of the community center building.	3/8/2022	Approved Except As Noted
2-Aug	CGICOP/DASU/PCI-01R/RFDA/641	Submission the shop drawing for the Doors Hardware fixture of the Hostel Cat 2 building.	3/8/2022	Approved
4-Aug	CGICOP/DASU/PCI-01R/RFDA/642	Submission of bar bending schedule for the anaerobic filter tank near septic tank type A at new KKH road		
5-Aug	CGICOP/DASU/PCI-01R/RFDA/285 Rev.06	Submission of shop drawing of the aluminum door elevation and cross section details for the wapda project office.	3/8/2022	Approved Except As Noted
10-Aug	CGICOP/DASU/PCI-01R/RFDA/643	Submission of the Shop Drawing of the MS Pipe Ramp Railing Additional Work at Wapda project Office Building	18-08-2022	Approved
13-Aug	CGICOP/DASU/PCI-01R/RFDA/646	Submission of the shop drawing for the M.S stair railing of the residence cat-2	18-08-2022	Approved
13-Aug	CGICOP/DASU/PCI-01R/RFDA/645	Request for shop drawing of wardrobe detail for the residence cat-2	18-08-2022	Approved Except As Noted
13-Aug	CGICOP/DASU/PCI-01R/RFDA/644	Request for bar bending schedule for the water treated pump station at intake area		
18-Aug	CGICOP/DASU/PCI-01R/RFDA/531 Rev.05	Submission of the shop drawing for the outer plot level & slope of the wapda project office Building	22-08-2022	Returned For Correction
20-Aug	CGICOP/DASU/PCI-01R/RFDA/647	Submission of the shop drawing for the layout of GI sheet cable cover for the wapda project office building		

3.4.7 EM-01

The major activities undertaken during this month were:

1) General

- **Temporary Storage Requirement for Equipment.EM-01.**
The Contractor was requested to submit Master list Containing
 - Shipment schedule
 - Storage space requirement at site
 - Special storage space (if any)
 - Inland transportation schedule.
- **Response to Submission of Architectural & Structural Drawings of Buildings EM-01**
The Architectural and Structural Drawings were conditionally approved by The Engineer.
- **Response to Submission of Structural Drawings of Buildings.**
The Contractor was requested to revise all the calculations & drawings accordingly and resubmit them for approval.
- **Request to Coordinate with Locals to Resume the Work at EM-01 Site Camp.**
Pursuant to GC subclause 10.2 of the Contract agreement, The Employer was requested to coordinate with locals to ensure the Contractor's physical possession of the site camp area.

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
Camp	Structural Architecture	DHC/DASU/EM-01/YS/22-237	29-07-2022

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) Civil Works

- **Coordination meeting with NTDC**
Coordination meeting with NTDC for discussion on terminal tower of 765kV transmission line at WAPDA office Dasu was held at 24 August, 2022.
During the site visit, the DHC explains about the both locations of terminal tower at switchyard to NTDC.
- **Shunt Reactor Capacity**
The DHC requested NTDC to provide the shunt reactor capacity officially with voltage simulation with respect to shunt reactor on/off on both side.
- **Energy purchase agreement**
The DHC requested the WAPDA to share the energy purchase agreement to decide the scope of EM-01 Contractor and NTDC especially for communication system.
- **Overall Layout Plan of DHPP**
The DHC shared the overall layout plan of DHPP with WAPDA for forwarding to NTDC for selection of optimized route and terminal tower location.

6) 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
01-Jun-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0189	Temporary storage requirement for equipment (reminder)	01-Aug-22	
04-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0237	Response to submission of architectural and structural drawings of buildings.	02-Aug-22	
26-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0277	Import process confirmation request	03-Aug-22	
25-Apr-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0129	Provision of 06 number vehicles for Employer's and project manager's staff (reminder).	03-Aug-22	
28-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0279	Unit-3 Draft tube elbow and diffusor quality documents and permission to deliver.	04-Aug-22	

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
01-Jun-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0189	Joint site visit to finalization of temporary storage space.	04-Aug-22	
03-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0292	U3, U2, U1 common piping quality documents and permission to deliver.	05-Aug-22	
05-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0296	Clarification on inspection certificate issued by Employer.	08-Aug-22	
03-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0293	Revised schematic drawing of transformer oil handling system.	13-Aug-22	
18-Nov-21	Dasu-EM-01-LET-JV-WAPDA/DHC-2021-0161	Reply to DHC letter No. 21-093, Detail locations of unit cooling water system expansion tanks.	13-Aug-22	
02-Dec-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2021-0178	Reply for francis turbine, runner FEA, Calculation Report of Runner (Fatigue) for Approval.	13-Aug-22	
11-July-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0256	Reply letter sn/22-163 and resubmission generator firefighting P&ID and Design memo.	15-Aug-22	
02-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0250	Reply 047-21.03.22-Customer clarification for water pressure of generator fire protection System & color of the generator operation indicator lamp.	15-Aug-22	
09-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0275	Proposal to add supplier into vendor list for turbine shaft	18-Aug-22	
06-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0274	Proposal to add supplier into vendor list for guide vanes.	18-Aug-22	
30-Jun-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0235	Reply for basic design distributor layout drawing submission for approval.	18-Aug-22	
16-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0304	Clarification of inspection certificate issued by Employer.	18-Aug-22	
06-July-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0238	Reply for 135-02.06.2022 Dasu generator FE calculation report of stator frame upper bracket, generator load on foundation for approval.	18-Aug-22	
05-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0291	Submission of revised master list.	22-Aug-22	
16-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0301	Submission of contractor's dispute board member for approval.	22-Aug-22	
01-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0237	Reply letter No. sn22-164 and resubmission control system drawing KKS numbering rules.	22-Aug-22	
12-May-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0153	Effective management of incoming and outgoing correspondence.	22-Aug-22	
19-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0315	Request for consent to subcontract 765kV GIS and GIL.	22-Aug-22	
29-Jun-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0234	Reply letter sn22-142 and submit the CSCS architecture diagram and design memo for execution.	22-Aug-22	
12-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0309	Request to coordinate with locals to resume the work at EM-01 site camp.	23-Aug-22	
16-Jun-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0209	Reply for discharge calculation submission for approval.	23-Aug-22	
08-July-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0251	Reply letter sn22-168 and resubmission of turbine instrument list.	23-Aug-22	
18-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0314	Notice of claim due to right of way issue at EM-01 site camp construction.	25-Aug-22	
15-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0264	Reply for 175-30.06.22- Modification the documents status of generator PID.	25-Aug-22	
05-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0297	Provision of 6 no. vehicles for the Employer's and Project Manager's staff.	25-Aug-22	
25-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0272	Revised equipment and piping arrangement of turbine draft tube dewatering pipe gallery for approval.	29-Aug-22	
02-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0281	Submission of cargo insurance documents for first batch of equipment's.	30-Aug-22	
06-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0239	GE reply for 136-02.06.22 Lower bracket FE calculation report and detail drawing of upper shaft.	30-Aug-22	
23-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0318	Detailed security requirements for EM-01 Camp.	31-Aug-22	

3.4.8 Environment Management Section

1. Overall activities

i) Solid Waste Disposal Area

Newly proposed solid waste disposal (SWD) site in Kaigah was identified by DHC Environment Team and approved by WAPDA. Design work started with Geological survey of the SWD site and followed by a topographic surveys for geology team as well as for the infrastructure design engineers. There was a comprehensive environmental screening report submitted to WAPDA vide letter: DHC/Dasu/WAPDA/GEN/zic/ 22-441 Dated 04th of Aug 2022 having title Environmental Screening of SWD Site for Kaigah.

ii) Meeting with Contractors of RAR-01, TL-01, and PCI-01R

Monthly Progress Review meeting for the month of July 2022, was held on 1st of Aug 2022 with the RAR-01 Component contractor i.e., CCECC, PCI-01R contractor and TL-01 contractor PCC. The reason for conducting Monthly Progress Review meeting with only three contracts is because of Uchar Nullah consistent flooding from 24th of July 2022 to 28th of July

2022 caused the bridge to be washed away and no passage was available to cross the Uchar Nullah on existing KKH. KKH-01 contractor CCECC's KKH Camp was washed away because of the flooding in Uchar Nullah. CGGC Staff also didn't attend the meeting due to Flooding Issue. Minutes of Meeting was issued for the three Contractor meetings i.e., TL-01, RAR-01 and PCI-01R.

iii) Meeting with World Bank Mission from 10th till 13th of Aug, 2022

Environment team prepared presentations on two components i.e., "EMAP implementation" as well as for "Traffic Management Plan" for upcoming World Bank Implementation Support Mission from 10th till 13th of the August 2022. DHC, WAPDA environment teams visited underground works of MW-01 and MW-02 with WB Teams and Visited the Flood affected camp of CCECC and Uchar Nullah where the Uchar Nullah Bridge was washed away by heavy Mud and Rock Flow on 11th of August 2022. A detailed Traffic Management Plan Presentation was given to World Bank Traffic Management Specialist and Technical Advisor to WB on Dasu Hydropower Project on 12th of August 2022.

iv) Participation in Virtual Meeting with World Bank

DHC Environment Team attended virtual meeting with World Bank's Environment Team on 17th of Aug 2022. The main agenda discussed in the meeting was about the recent flooding of Uchar Nullah and Bridge Damaged/ Washed away by Uchar Nullah Mud/ Debris Flow. Probable causes were also discussed in the meeting that how such type of event can occur. DHC Environment Team discussed about the different options that might be the root cause of the flooding in Uchar, i.e., Excessive Deforestation by local community lead to Soil Erosion and increase in Temperature caused a glacial lake in Uchar Valley to burst and drain causing havoc in the downstream area i.e., the existing KKH. OHS matters were discussed afterwards.

v) 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. Details are presented below:

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. Details are presented below:

2.1. KKH-01 and RAR-01

- a) **Review:** DHC reviewed Monthly Progress Report for KKH-01 & RAR-01 of the previous month of July 2022.
- b) **Environmental supervision:** Environmental supervision were conducted for both contracts of CCECC. At KKH-01 the environmental non-compliances like minor Oil spill, dust and inadequate housekeeping was noted. The observations were sent to the contractor through walkthrough environmental inspection report for rectification.
At RAR-01 dust and minor oil spillage along the Komila bypass construction site were observed. These observations were conveyed to contractor in Walkthrough Environmental inspection reports (WTEIRs) along with timelines to rectify the non-compliances.
- c) **Monthly meetings:** The monthly environmental progress review meeting was not conducted for the month of August 2022 due to work suspension. Flooding of Uchar camp and washing away of Uchar Bridge as well as the washing away of Zaid Khwar Nullah portion on the main KKH.

2.2. KKH-02 and RAR-02

- a) **Review:** The monthly progress reports of KKH-02, RAR-02 were reviewed and shared with the contractor with comments to rectify the situation as well as the report.
- b) **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. The main issues identified at RAR-02

were same i.e. improper spoil disposal and dust during the excavation work and minor oil spillage. Similarly, for KKH-02 construction works, WTEIR has been sent to the contractor for rectification of the non-compliances i.e. Dust control, minor oil spillage and inadequate housekeeping at site. The contractor was instructed to rectify the non-compliance and submit report.

- c) **Monthly meetings:** The monthly environmental progress review meeting was not scheduled in August 2022 due to Uchar nullah flooding, and suspension of work during the high flood time period and consequent washing out of Uchar Bridge, the meeting was postponed.

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. Minor oil spillage were noted at the construction site while inadequate housekeeping was observed at labor accommodation at the grid station. The issues were sent to the contractor through a walkthrough environmental inspection report and contractor was instructed to immediately rectify the issues.
- b) **Monthly meetings:** The monthly environmental progress review meeting was not conducted for the month of Aug 2022 due to work stoppage due to recent floods in Dasu. Similarly, the submission of plan for oversized vehicle movement to the project site is yet not submitted.

2.4. MW-01 and MW-02

- a) **Written Instructions:** Letter has been sent to the contractor to conduct air dispersion modelling of the proposed Seo crusher plant site and cleaning of Sedimentation Ponds outside the MAT.
- b) **Environmental supervision:** Daily supervisions were conducted to ensure environmental compliance. Walkthrough environmental inspection reports were shared with the contractor to rectify the non-compliances observed during the site visits.
- c) **Monthly meetings:** The monthly environmental progress review meeting was scheduled on 1st August 2022 but due to Uchar Nullah flooding and collapse of Uchar Nullah Bridge the meeting was postponed.
- d) **Monthly spot monitoring:** The supervision of the monthly spot environmental monitoring at MW-01 and MW-02 was not conducted in august 2022, because of work closure by “The Engineer” due to electrocution at CT-02 as well as preceding floods in Uchar Nullah, Zaid Khwar Nullah and 11m water Entering the Diversion Tunnel.

2.5. LBRV-11 and LBRV-12

- a) **Environmental supervision:** The Construction activities are stopped and Engineer has prepared a punch list for the contractor which he has to complete in the next 2 months’ time which should be up to the satisfaction of local community. The status is still pending due to many pending jobs and no verification from the local communities which has to settle there.

The flood that occurred on 24th and 27th July as well as during the rainfall from 24th till 28th of August 2022 has completely damaged the contractor camp and nothing is left on site near Uchar Nullah. Without reporting of any loss of life.

2.6. 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 report. 35.
- b) **Monthly meetings:** The monthly environmental progress review meeting was not conducted for the month of August 2022 to discuss the status of progress for Month of August 2022.

2.7. 30th Environmental Quarterly Progress Report from April till June 2022

The 30th Environmental QPR was submitted to WAPDA on DHC/DASU/WAPDA/Gen/zic/22-505, Dated 31st of Aug 2022.

2.8. Flood Incidence at Uchar Nullah, Zaid Khwar and Indus

A severe flood carrying huge boulders and mud flow occurred at Uchar nullah on 24th and 27th July 2022 resulting in washing away the Uchar Nullah Bridge twice. In August 24th- 28th 2022 there was again continuous & severe rainfall which again brought havoc to the Districts of Upper and Lower Kohistan. There was number of Landslides on the existing KKH as well as many animals been drowned and some human casualties have also been reported in Dubair Khwar Area of Lower Kohistan, which is downstream of DHPP (This information is not officially recorded/disseminated but came through the local unconfirmed sources). No causality is reported in Upper Kohistan Area but loss of precious property, Timber and Machinery and vehicles were reported by different people belonging to different walks of life i.e., Local Communities, Contractors, etc.

Due to excessive flooding in Indus and affiliated Nullah's CR-02, Complete Zhongmei Camp, CGGC Crushing Plant area all were submerged in water along with existing KKH. Landslides were seen on CR-09 Access and CT-02 Tunnel Area and most devastation of all that Dasu and Komila Town lost their communication when Zaid Khwar Road portion on main KKH was washed away by Heavy flood in Zaid Khwar Nullah and thus resulting in Food and utilities shortages in both of these towns.

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 Contractors in the finalization of an effective OHSMP in compliance with additional provisions in EMAP;
2. Enhanced OHS supervision of all Contractors OHSMP implementation;
3. Implementation of gap analysis tool for underground works;
4. Finalization of Project level Emergency Response and Preparedness Plan; and
5. Additional tasks to provide OHS management related advice 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 (16) supported by one International OHS Advisor/Expert and two OHS Specialists. One assistant OHS Inspector (Plant & Equipment) joined DHC- OHS during August 2022. 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. One OHS Specialist;
4. One Sr. OHS Professional;
5. Three OHS Professionals;
6. Four Field OHS Professionals;
7. Three Field Inspectors;
8. One Plant & Equipment Inspector; and
9. One Plant & Equipment Assistant Inspector

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

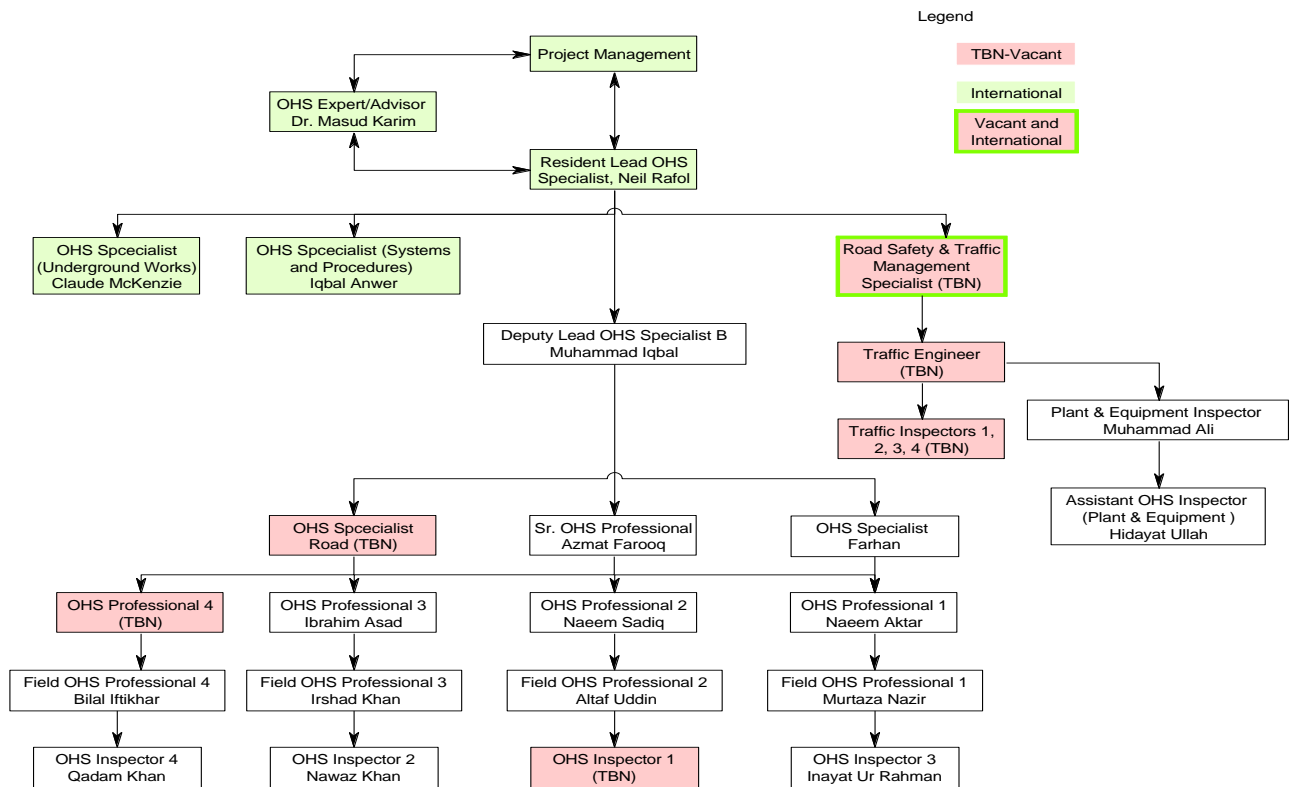


Figure: OHS organization diagram

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 (August 2022). 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. 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 of New Batch 5.
- ii. Land acquisition formalities for the remaining land under Batch-5 - new Batch remained under process for which revenue records have been prepared, GIS Verification for most of the components completed, and Land Acquisition process is underway.
- iii. 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 4,630 acres of land has been awarded / acquired until August 2022. No new land was acquired during the reporting month (August 2022).
- iv. 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.

- v. Rectified and New Revenue records of one component was received for GIS verification during the reporting month. These records were digitized and processed for GIS verification (by LA Teams of WAPDA & DHC) during the reporting month.
- vi. No new component was processed by GIS Team during the reporting month.
- 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. An amount of Rs. 129,411,897/- was paid as compensation payment to 73 PAPs of 17 components. during the reporting month (August 2022),
- 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 (August 2022). No cheque was paid during August 2022. 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.
- x. During the reporting month, no new Section-4 was prepared and submitted to WAPDA for further process. However, Section-6 are issued for the Components Kaigah Quarry Area-2 Adjoining Area and Crush Plant Area was prepared and submitted for issuance.
- xi. Revenue survey of components under rationalization (Batch-V) has almost been completed. The revenue survey of one component was completed.

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

- i. Resettlement Team followed up for the relocation of households for priority components, mainly the community of Barseen and Kass Villages. In this regard, follow up visits were made to Barseen and Kass and meetings held with the AHHs in DHC Office. The relocation of majority of the houses has been completed while the relocation of HHs of Barseen yet not started. Notices were prepared and served to the AHHs of Barseen for the completion of SMR file documents and early relocation of houses.
- ii. The team also remained involved in preparing TRP files and assist WAPDA to pay TRP to the AHHs. By the end of August 2022, a total amount of PKR 77,014,875/- has been paid as TRP to 288 AHHs of 13 components. In addition to HHs, PKR 33,899,220/- were paid to the owners of 43 commercial structures of Khushi, Sigloo, Tailrace Kuz Chuchang, and Barseen Area.
- iii. 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.
- iv. By August 20022, an amount of Rs. 1553.70 Million have been paid as ESMR allowance to 445 Affected Households.
- v. File preparation work remained in progress. The SMR Working Team remained engage in preparing the remaining files of priority villages during the reporting month.
- vi. By the end of reporting month (August 2022), the Working Committee has finalized and forwarded 1695 files to the Field Verification Committee while Field Verification Committee has completed the verification of about 825 files by the end of the reporting month.
- vii. The S&R teams also kept engage in revising the files as per the comments of Review & Scrutiny Committee (RSC) and Payment Committee (PC).
- viii. A series of meetings were conducted with the Deputy Commissioner (Kohistan Upper) during the reporting month regarding the progress of SMR files preparation and payments.
- ix. 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 resolving day-to-day social issues.
- x. The ILRP team remained involve in conducting survey for the “Utilization of Compensation Money” Reports to get the feedback of the Affected Persons for the utilization of received compensation money. So far 11 reports covering 25 components (where compensation payments completed) have been finalized and submitted to WAPDA. The survey of Sigloo

village has been completed and preparation of report is in progress while the survey of “Seer Gayal, Barseen, and Sluch villages,” remained in progress during the reporting month

- xi. 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.
- 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. The case for the purchase of two ambulances for health department Kohistan (upper) has approved by the Authority in its meeting held on November 18, 2021. Total Budget is 20 Million PKR.
 - ii. The case of procurement of machinery for TMA Dasu Kohistan for solid waste management is in final stage .The tendering is under process with contract Section.
 - iii. The new Gender Specialists joined DHC office during the first week of April 2022 and started working on the discontinued proposals & tasks. She reviewed the already developed Skill Development Proposal and incorporated some missing features in order to make the project effective and practical,
 - iv. 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.
 - v. Distribution of already published information material continued among the affected communities in the project area.
 - vi. The IGRC team updated the GRC status for the month and carried out meetings for resolving the pending complaints,
 - vii. The IMM team organized workforce data received from all contractors and other stakeholders. A total 3,292 workers were recorded working with the contractor and other organizations under DHPP by the end of reporting period.
 - viii. The Individual Consultant revised the Baseline Report as per comments of the World Bank and WAPDA. The hard and soft copies of the report was submitted and this short individual consultancy contract has been completed.
- 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 70 % of MIS Development work has been completed by August 2022. The team remained engaged in upgrading the already developed modules and no new module was developed during the reporting month.

3.4.11 Others

a) Schedule, Monitoring and Costing Section

- i. The Contractor [China Gezhouba Group co., Ltd.], did not respond to the Engineer’s comments/observations on the updated Schedule R4D11. However, the Contractor has submitted an updated schedule R4D12 for MW-01 works on the 27th of July 2022. The schedule analysis and discussion with the Contractor regarding under progress.
- ii. The Contractor [China Gezhouba Group co., Ltd.], did not respond to the Engineer’s comments/observations on the updated Schedule R5D10. However, the Contractor has submitted an updated schedule R5D11 for MW-02 works on the 27th of July 2022. The schedule analysis and discussion with the Contractor regarding under progress.

- iii. Meetings were held with the Contactor [Zhongmei Engineering Group Limited] for submission of the revised schedule for the 2nd Extension of Time (EoT-2) of resettlement works LBRV-11, LBRV-12.
- iv. Meetings were held with the Contactor [Khyber Grace Pvt. Ltd.] for submission of the revised schedule for the 1st Extension of Time (EoT-1) of resettlement works Dasu-RV.
- v. A reminder to the Contractor [Power China Limited] for 132kv Transmission Line regarding EoT-4 is given to the Contractor. The Employer was also informed regarding the correspondences with the Contractor.
- vi. The Contract programme of the Contractor [China Gezhouba Group co., Ltd.] for the RAR-02 contract has been reviewed by the Engineer. Discussion regarding observations with the Contractor is in progress.
- vii. The Contractor [China Gezhouba Group co., Ltd.], has submitted the Contract programme (Baseline Schedule) for KKH-02 works. The Engineer has received additional information for the Contract Programme. The Engineer has shared shortcomings that were observed after a detailed analysis. The Contractor has been asked to resubmit the Contract Programme as early as possible.
- viii. Letters were drafted to the Employer regarding the non-serious attitude of the Contractor (China Civil Engineering Construction Corporation) for the EoTs of RAR-01 and KKH-01. Reminders were also given to the Contractors for the early submission of the EoTs.
- ix. After examining the EM-01 Contractor's updated schedule V4.0, it is observed that the completion date has been extended by 131 days based on the delayed acquisition of the camp area. The Contractor's claim for the time extension was not accepted by the Project Manager.
- x. An Integrated schedule of the Dasu Hydropower Project is updated according to the updated programs of MW-01 and MW-02.
- xi. Coordination events of EM-01 were compared with the updated schedule of MW-02, and a comparative schedule was prepared to monitor the works.
- xii. Presentations were prepared for the World Bank delegation (10th -12th August 2022) and the Chairman WAPDA (24th August 2022). Regarding the review of the progress and the Logistic Requirement Arrangements of the Dasu Hydropower Project.
- xiii. Preparation and submission of various periodical reports, and updates.

b) Laboratory and Quality Assurance Section

- i. **QA/QC-related correspondences:** The correspondences coming from all Dasu Contractors (CGGC, CCECC, CGICOP, and KGL) 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 held with other parts of DHC regarding Technical Specifications to clarify some design parameters and make a primary platform for QA/QC test methods. A response letter has been prepared regarding queries of WAPDA advisor. In general, all activities have been affected due to the heavy rainfall, flood and blockage of access roads.
- ii. **Approval of the material sources and manufacturers:** The submitted documents and certificates by the Contractors are being reviewed and commented on. In the scope of MW-01&MW-02, the designated tests of proposed Natural Pozzolan source are being performed at the CMTL and CRDI third-party laboratories. Systematic quality monitoring of Fauji cement is under supervision. In the scope of Colony construction work, consigned wooden parts including frames and doors are being inspected. In the scope of KKH-01 road work, a factory visit from Longman manufacturer has been performed and taken samples delivered to the third party laboratories.
- iii. **Smart Quality Control Database (Test Results):** The database is regularly being prepared, including aggregates, cement, admixtures, reinforcement, Concrete, Mortar, Shotcrete, Grout, etc., and is also in progress for all Dasu Projects. Gathering and evaluating data regarding CR2 and CR9 Batching Plants printouts and Daily summaries are regularly being performed. The UCHAR Crushing Plant's daily production active time is also being monitored (MW-01&MW-02). Evaluating main works data base for all material has been performed during August month. In the scope of KKH-01 works, the CCECC Contractor is

requested to improve its quality control organization and submission of periodic quality control report per the contract.

- 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 continuing, according to the Technical Specifications for all Dasu Projects. There were few related activities in CGICOP project. Due to the heavy rain, KKH road and Uchar valley (partially) impasse, the most of activities stopped or limited at the construction sites. Also due to the flood, most of Uchar CCECC laboratory equipment is damaged or gone.
- v. **Field Tests:** Most of the field tests due to heavy rain and flood have been suspended. Also crushing plant and some of access roads to the construction site of the CGGC Contractor in the scope of MW-01&MW-02 has been damaged. The Contractor is trying to dewater the damaged areas and start to continue the field activities as usual.
- vi. **Iterative Tests:** The frequent quality control and assurance tests, according to each contract Technical Specifications of all Dasu Projects, supposed to routinely be performed. But due to heavy rainfall and flood plenty of access roads are damaged. In the scope of MW-01&MW-02, and KKH-01&RAR-01 works, periodic sampling has been performed but due to the KKH blockage on August, the taken samples have not submitted to the third-party laboratories as usual. After reviving the KKH road iterative tests will continue as routine.
- vii. **Follow-up, Review, and Evaluation:** The monitoring and evaluating test results according to technical specifications is in progress for all contractors within the scope of the Dasu project. Petrographic analysis and Alkali-Silica Reactivity 3rd party laboratory test results have been evaluated in the Main works. Through a reminding letter the Contractor is requested again to take proper remedial action to control the reactivity of possible potential in some parts of excavated rock material. Besides the regular data assessment, evaluating the batching plant's printouts batch by batch is being performed in the scope of the main works. On 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 again is requested to optimize the cement content of some concrete classes due to high compressive strength test results. The Contractor shall increase the number of well experienced laboratory staff to speed up the optimization process of the mix designs.
- viii. **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 continuing at the Site Laboratories or partly at the 3rd party laboratories. The test results have been reviewed and evaluated, and consequently, relevant actions have been taken. In the scope of MW-01&MW-02 works, taken Rock, aggregates (for petrographic analysis), Cement, Rebar, Rock Bolts, Rock Bolts Components, Admixtures, wire mesh, Water stop samples have been taken but due to road blockage, delivering to the 3rd party laboratories depends on the reviving of KKH road. In the scope of the KKH-01 project, taken samples from Longman manufacturer including Geo-membrane, Geo-textile, rubber expansion joints, bearing pads has been sent to the third party laboratories. Related tests on natural pozzolan source are being performed in the scope of MW-01&MW-02.
- ix. **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 been notified about performing alkali reactivity tests on blended cement (Cement and natural pozzolan) that have been used in mentioned mix trials as per Technical Specifications. The method statement of RCC Field Trail Placement (FTP) has been sent, and it is under review by the Engineer. The natural pozzolan sampling has been performed, and submitted to the third part laboratory. The Engineer submitted the required tests of natural pozzolan source investigations as per Technical Specifications. These activities are going to be critical in the Dasu project. The Contractor also requested to empower its laboratory for the final stage for RCC mix design before

RCC field trial placement starts. Also, the Contractor is asked to update the integrated interim RCC mix design report.

Based on long term laboratory tests results, the Engineer declared the prefer mix designs for final mix designs cementitious material content. The Contractor proposed different proportion of cementitious material. The Engineer is reviewing the Contractor point of views and the answer will be issued.

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

Technical discussions with DHC main works section and the Contractor regarding Cut off wall of Dasu dam have been implemented. Technical Specifications and international standards have been considered as reliable source for choosing proper mix design of Cut off wall. The optimized conventional concrete mix design (A25) field trial tests with 50 mm maximum Size Aggregates in the scope of Main Works has been completed and the approval letter is issued. Mix trials of Tendon Grout with Early strength cement are still being conducted in the area of the MW-02 works (the proper admixture investigation is ongoing). The Self Compacted Concrete (SCC) mix trails are still pending. In KKH-01 works, high-strength concrete for bridge constructions is pending.

On last days of August, the MW-01&MW-02 Contractor issued an AFI of updating the concrete, shotcrete mix designs with natural Pozzolanic material. The mix trials have been started at the laboratory.

- xi. 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 and etc. the Engineer instructed the Contractor to make some improvements at the laboratory.

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 of excavation at komila bypass at:**

Km 0+000 to Km 1+500
Km 1+500 to Km 2+000
Km 2+000 to Km 2+300

- **Joint Work done Survey Road Excavation at:**

Km 0+050 to Km 0+150
Km 0+150 to Km 0+300
Km 0+300 to Km 0+400

- **Joint Survey for measurement of payment marking at:**

Km 9+437 to Km 9+687
Km 9+687 to Km 10+000
Km 10+000 to Km 10+300

ii. RAR 02: Survey Supervision Activities:

- Joint Survey for shallow-hole at cable foundation right bank RAR-02 RD K20+590 elevation 835.5
- Joint Survey for boulder blast of access road RAR-02 RD.0+570 to RD.0+590 right side from KANDIA bridge
- Joint Survey for boulder measurement of access road RAR-02 RD.0+400 to RD.0+600 right side from KANDIA
- Joint topographic Survey of access road to RAR-02 Km 32+500 to Km 33+500
- Joint topographic Survey of access road to RAR-02 Km 32+500 to Km 33+500
- Joint Survey for shallow-hole and split blasting of access road RAR-02 left side KANDIA RD k0+060 to k0+070
- Joint Survey for shallow-hole of access road to RAR-02 RD1+000 to RD.1+010 right side from KANDIA bridge
- Joint Survey for shallow-hole at cable foundation right bank RAR-02 Km 20+590 elevation 830 to 827

- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+090 to Km13+280
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+090 to RD.0+095 lift side from KANDIA bridge
- Joint Survey for shallow-hole and split blasting of RAR-02 at Km13+060 to Km13+085
- Joint Survey for shallow-hole at cable foundation right bank RAR-02 Km20+590 elevation 827 to 825
- Joint Survey for shallow-hole split blasting of access road to RAR-02 RD 0+090 to RD. 0+100 right side from KANDIA bridge

iii. Dasu-KKH-01: Survey Supervision Activities

- **Joint survey for the foundation of breast wall at:**

- Km 6+125 to Km 6+237
 - Km 8+550 to Km 8+575
 - Km 6+443 to Km 6+500
 - Km 8+675 to Km 8+700
 - Km 19+100 to Km 19+243

- **Joint survey of foundation of Retaining wall at:**

- Km 0+818 to Km 0+893
 - Km 0+893 to Km 0+950

- **Joint Topographic Surveys at:**

- Joint survey of K-9 tunnel outlet KKH-01
 - Joint survey of K-11 tunnel outlet KKH-01
 - Joint survey for elevation of K-4 tunnel outlet 1st Bench KKH-01
 - Joint survey of First Layer shot Crete for front and right Side Slope
 - Marking of Top Level of Retaining wall at Km 8+812 to Km 8+831 KKH-01
 - Joint survey of K-4 tunnel outlet KKH-01
 - Joint Topographic survey of K-11 Tunnel outlet KKH-01
 - Joint Topographic survey of K-11 Tunnel outlet KKH-01
 - Joint Topographic survey of K-11 Tunnel outlet KKH-01
 - Topographic survey of KHUSHI CCECC New camp area
 - Joint Topographic survey of KHUSHI CCECC New camp area survey of K-9 tunnel outlet KKH-01
 - Joint survey of K-11 tunnel outlet KKH-01
 - Joint survey of K-9 tunnel outlet KKH-01

- **Joint survey for the foundation of breast wall at:**

- Km 6+125 to Km 6+237
 - Km 8+093 to Km 8+131
 - Km 8+450 to Km 8+550
 - Km 8+675 to Km 8+700

- **Joint survey of foundation of Retaining wall at:**

- Km 5+975 to Km 5+993
 - Km 6+975 to Km 7+01

- **Joint Demarcation at:**

- Demarcation of ROW at Km 6+200 to Km 6+350 KKH-01
 - Demarcation of ROW at Km 6+350 to Km 6+450 KKH-01
 - Demarcation of K-4 Tunnel outlet center line KKH-01
 - Demarcation of KHUSHI camp for CCECC
 - Demarcation of catch points at Km 1+200 to Km 1+400 KKH01
 - Demarcation of catch points at Km 1+400 to Km 1+600 KKH01
 - Demarcation of catch points at Km 1+600 to Km 1+800 KKH01
 - Demarcation of catch points at Km 1+800 to Km 2+000 KKH01

iv. Dasu-KKH-02: Survey Supervision Activities

- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+062 to RD 1+075 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+206 to RD.1+218 KKH-02

- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+190 to RD 1+230 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO3 at RD 0+036 to RD.0+105 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+230 to RD.1+256 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+075 to RD.1+130 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+050 to RD.1+070 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+230 to RD.1+250 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 1+237 to RD1+243 KKH-02
- Demarcation of access road no1 center line to KKH-02

v. Project Colony Supervision Activities:

- Joint layout of boundary wall plinth beam at category 1 part E
- Joint layout and excavation of boundary wall at servant quarter part A
- Joint layout of boundary wall plinth beam at category 1 part F
- Joint layout and excavation of boundary wall at servant quarter part B
- Joint layout of boundary wall plinth beam at category 1 part G
- Joint layout and excavation of boundary wall at servant quarter part C
- Joint layout of boundary wall plinth beam at category 1 part H
- Joint topographic survey of project colony boundary wall
- Joint topographic survey of project colony boundary wall
- Joint topographic survey of project colony boundary wall
- Joint topographic survey of project colony boundary wall
- Joint topographic survey of khushi resettlement site 1
- Joint survey of bed level of boundary wall at servant quarter part E
- Joint topographic survey of project colony boundary wall
- Joint survey of bed level of boundary wall at servant quarter part F
- Joint topographic survey of khushi resettlement site 1
- Joint survey of bed level of boundary wall at servant quarter part G
- Joint topographic survey of khushi resettlement site 1
- Joint survey of bed level of boundary wall at servant quarter part H
- Joint layout of boundary wall stem columns at servant quarter part E
- Joint layout of boundary wall columns at category 1 part A
- Joint layout of boundary wall stem columns at servant quarter part F
- Joint layout of boundary wall columns at category 1 part B
- Joint layout of boundary wall stem columns at servant quarter part G
- Joint layout of boundary wall columns at category 1 part C
- Joint layout of boundary wall stem columns at servant quarter part H
- Joint layout of boundary wall columns at category 1 part D
- Joint layout of boundary wall plinth beam at servant quarter part A

vi. Resettlement Sites Supervision Activities:

- Topographic Survey of Mosque at Khushi-02 Link-01

vii. MW-01 & MW-02

- Measurement of existing aggregate at Uchar Crush plant
- Established survey control points at KUZ CHOOCHANG for CT-2 Adit tunnel
- Joint topographic survey of existing excavation for Quantity at Switchyard KHUSHI
- Joint topographic survey of existing excavation for Quantity at Switchyard KHUSHI
- Joint topographic survey of existing excavation for Quantity at Switchyard KHUSHI
- Verification measurement over break at Left bank Traffic Tunnel CH: 0+435 to 0+ 0+441

- Joint daily measurement of convergence at Power House CH:
0+220,0+225,0+230,0+235,0+240
- Joint form work verification for arc portion at DTB shear zone area part 3
- Verification of Geological over break at Diversion Tunnel A CH: 1+360 to 1+370
- Verification of power intake excavation as built quantity El: 975 to 990
- Joint formwork verification at Diversion Tunnel B inlet crown portion CH:0+002 to -0+033
- Verification of measured excavation quantity at switchyard compound
- Joint formwork verification for 1m concrete at Diversion Tunnel A CH: 1+161 to 1+173
- Joint survey for Lean concrete at DTB CH: 0+230 to 0+260 R/S
- Measurement of existing Aggregate quantity at UCHAR crush plant
- Joint daily measurement of convergence at Power House CH:
0+220,0+225,0+230,0+235,0+240
- Measurement of existing Aggregate quantity at CR-2 batching plant
- Observed River Water level at CR-9 Steel truss Bridge
- Verification measurement over break at Diversion Tunnel-A CH: 01+360 to 1+370
- Joint daily measurement of convergence at Power House CH:
0+220,0+225,0+230,0+235,0+240
- Verification measurement over break at Left bank Traffic Tunnel CH: 0+462 to 0+472
- Measurement Cracks at Power intake area Elevation 1032 for geology department
- Verification excavation x-section at Traffic Tunnel Outlet elevation 852
- Topographic survey at Zaid KHAR NULLAH for Road department
- Topographic survey at Zaid KHAR NULLAH for Road department
- Joint verification survey at Diversion Tunnel-A CH: 0+130 to 0+170 left side
- Verification of geological Over break measurement at CT-2 adit Tunnel CH:0+018 to 0+020
- Joint survey for shotcrete quantity at switchyard area Elevation: 968 to 978
- Joint survey for shotcrete quantity at switchyard area Elevation: 968 to 978
- Joint measurement for convergence at Power House 1-2 CH:
0+220,0+225,0+230,0+235,0+240
- Joint measurement for convergence at Power House 1-2 CH:
0+220,0+225,0+230,0+235,0+240
- Observed river water elevations at Kass steel truss bridge and at CR2
- Formwork verification of 1meter concrete at Diversion Tunnel B CH: 0+064.5 to 0+76.5
- Checked elevation at River diversion Tunnel-B CH: 0+064 to 0+076 after concrete
- Joint measurement for convergence at Power House 1-2 CH:
0+220,0+225,0+230,0+235,0+240
- Established survey control network at KUZ CHOOCHANG for tailrace tunnels
- Established survey control network at KUZ CHOOCHANG for tailrace tunnels
- Measurement for convergence at MAT-STA and MAT-STC junctions
- Measurement of existing Aggregate quantity at UCHAR crush plant, CR2 & CR9
- Joint survey for geological mapping at cable crane foundation after excavation Right bank
EL:1065 to 1067
- Observed river water elevations at Kass steel truss bridge and at CR2
- Joint measurement for convergence at Power House 1-2 CH:
0+220,0+225,0+230,0+235,0+240
- Measurement of existing Aggregate quantity at UCHAR crush plant, CR2 & CR9
- Observed river water elevations at Kass steel truss bridge and at CR2
- Joint as built survey at power house 0+000 to 0+010
- Topographic survey at Zaid KHAR NULLAH for Road and infrastructure department
- Topographic survey at Zaid KHAR NULLAH for Road and infrastructure department
- Joint measurement for convergence at Power House 1-2 CH:
0+220,0+225,0+230,0+235,0+240

viii. LADP

- Measurement of RHC at Shetyal
- Topographic survey of RHC at shetyal

ix. **Other survey:**

- Topographic survey of slided area at Zaid Kharr Nullah

d) **Geology and Geotechnical Section Activities**

i. **Dasu-MW-01**

- **DT-A**
At different Chainages of DT-A invert concrete & inlet portal support work in progress.
- **DT-B**
At different Chainages of DT-B invert concrete & inlet portal support work in progress.
- **Traffic Diversion Tunnel**
Carried out subsurface geological mapping/data collected up to 0+564m.
- **Additional Drilling investigation**
DID WAPDA drilling crew have shifted drilling rig and other accessories on 21-05-2022 at the site for additional geological investigations of two number boreholes on right bank downstream of coffer dam.
- **Borehole COR-1 (Target depth 50m):**
Drilling progress is 31.0m, drilled from 19.0m to 50.0m.
Net progress is 50.0m, Rock encountered at the depth of 38.0m. Drilled 12.0m in Bed rock.
Target depth of 50.0m has been completed & borehole terminated at the same depth.
Shifting of drilling rig & accessories in progress to new borehole location of COR-03.

ii. **Dasu-MW-02**

- **In-Situ over coring Test (GIST):**
Note: Contractor has stopped activities and arranging new sub-contractor over coring test.
- **Transform Cavern (1-2) Left side Upstream**
Geological mapping & collection of discontinuity data from 0+024.5m to onwards will continue after support works.
- **Transform Cavern (1-3) Right side-1 upstream**
Carried out subsurface geological mapping/data collected up to 0+055m.
- **Transform Cavern (1-3) Right side-2 upstream**
Carried out subsurface geological mapping/data collected from 0+026 to 0+000m.
Target length has been completed.
- **Penstock Manifold-01 (PM-01)**
Geological mapping & collection of discontinuity data from 0+009.5m to onwards will continue after support works.
- **Penstock Manifold-01 Right (PM-01-R)**
Geological mapping & collection of discontinuity data from 0+013m to onwards will continue after support works.
- **Service Tunnel-B (ST-B)**
Carried out subsurface geological mapping/data collected up to 0+057m.
- **Connection Tunnel-02 (CT-02)**
Carried out subsurface geological mapping/data collected up to 0+102m.

iii. **KKH-02**

- Boulders measurement of KKH-02 after excavation of loose material from K33+530 to K33+630.
- Classification of geological rock zones KKH-02 from K44+000 to K45+800.
- Classification of geological rock zones of access road from K0+000 to K0+103 of KKH-02 at K47+525.
- Re-classification of geological rock zones of KKH-02 from K31+060 to K31+120 & K31+240 to K31+260.
- Existing KKH up to Lachi nallah end point of New KKH-02 for inspection of potential land slide, scree deposits along the proposed KKH-02 from Chori nallah to KKH-02 end point.

iv. **RAR-02**

- Classification of geological rock zones of access road to RAR-02 from K0+000 to K1+050.

v. Infrastructure

- Geological mapping/rock classification internal water supply pipe line S2 road.
- Geological mapping/rock classification of main sewerage line category 2B.

Note: After 14th of August, 2022 contractor has partially suspended/stopped support works and other activities in MW-01 & MW-02 due to heavy flood damaged water supply and other facilities.

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.1 (R1)

Item No	Information in PC-1		Information of Baseline Schedule R3 ¹⁾				Remarks		
	Cost Items	Contract	Start (DDMMYY)	Finish (DDMMYY)	Duration Days	Cost ²⁾ M PKR		Weight by Cost ³⁾ (%)	
I	I.1	Relocation of KKH	KKH-01	24-08-15	13-12-19	1,572	14,539	4.96%	EOT-3 in Progress.
			KKH-02	15-05-20	13-05-22	728	16,265	5.55%	In Progress
	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-4 in Progress.
	I.3	Internal Roads and Bridges	RAR-01(Komila-Dam, 12km)	24-08-15	16-07-20	1,788	2,714	0.93%	EOT-4 in Progress.
			RAR-02 (Dam - Uttar Gah)	20-05-21	18-05-23	728	6,253	2.13%	In Progress
			RAR-03 (Uttar Gah-Tangir)	01-01-20	29-12-21	728	5,000	1.71%	
			Dismantling 2 bridges at Kandia and Largani	01-01-21	31-12-21	364	1,000	0.34%	
	I.4	Project Colony & Infrastructure	PCI-01R	20-05-19	17-05-21	728	4,900	1.67%	EOT-1 is under process.
			PCI-02	-	-	-	2,726	0.93%	
I.5, I.7	Dam and Appurtenant Structures(1.5) HSS - Dam (1.7)	MW-01	23-06-17	10-05-26	3,243	115,003	39.25%	EOT-1 granted.	
I.6, I.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 granted.	
I.9	Hydro-Mechanical & Electrical Equipment	EM-01	20-05-20	19-06-25	1,856	52,456	17.90%	Effective Date is 1st Feb 2021	
II	II.3	Resettlement Development Cost	LBRV-11	26-12-18	04-12-20	709	1,121	0.38%	EOT-2 in Progress.
			LBRV-12	26-12-18	07-12-20	712	1,017	0.35%	EOT-2 in Progress.
			Dasu-RV	18-06-19	15-12-20	546	655	0.22%	EOT-1 in Progress.
			Other RVs (only 1741.9 MPKR of II.3)	26-12-18	22-12-21	1,092	3,139	1.07%	
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⁾	35.4	31.9
Actual	14.2	11.0

- 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	84.3	163.2	32.3	-	0.11	100.0	32.4

- 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.
- Development of the Camp at K9 and batching plant at K6+400 continued during the month.
- Slope protection works of Logro-A inlet area started and continued during the month.
- Construction of outlet of tunnel portal of K4 at RD= K4+631 continued during the month.
- Access Road development for camp construction at K5+100 continued during the month.
- Slope protection works at Zero point third bench started and continued during the month.
- Construction of R/W masonry works at K7+818 completed up to subgrade level during the month.

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.	VO-05 approved and Contractor is waiting for mobilization advance.
		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.	VO-05 approved and Contractor is waiting for mobilization advance.
2.	K20+600 to K24+710	Proposal of new bridge to avoid the passing in the unstable slope area of the Dugah Nallah. (Kaigah to Barseen)	The proposal of new bridge crossing Dugah Nallah has been prepared by DHC and the Bridge proposal option 2 was approved by the Employer.	VO-05 approved and Contractor is waiting for mobilization advance.
		Sliding Area at Kaigah from K23+500 to K23+730	It was decided to bypass the sliding material area by Tunnel construction and passive slope protection measures will be taken.	VO-05 approved and Contractor is waiting for mobilization advance.

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

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	3.6	15.0	0.8	2.22	0.10	5.8	0.9

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

4.2.3 Major Activities of KKH-02

The major construction activities undertaken during this month were:

- Excavation and blasting at K28 kaigah, K31 and K34 Panibh access Roads.
- Excavation in ROW at K28+450 to K28+520, K31+000 to K31+230 and K33+550 to K33+630.
- Construction of Security Check Post has been started.

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	84.3	143.5	97.8	-	0.10	100.0	97.9

- Gantt chart and S-Curves is based on EOT-2 are shown in Figure-10 & 11 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

- Pavement studs fixing in progress and completed from K9 to end point.
- Placing of concrete, rigid pavement at K11+500 area in progress and completed.
- Placing of concrete at hairpin around k11+400 area in progress and completed.
- Preparation, levelling, formwork for parapet walls from K10+800 to K11+343 in progress.
- Excavation work, drilling and blasting work, boulder blasting etc. at start, middle and end portion of Komila bypass in progress.
- Preparation, formwork etc. for breast wall for komila bypass start section in progress.
- Reinforcement and concrete pouring works for RCC B/wall at komila bypass start section in progress.

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.
- Uchar concrete batching plant not functional yet due to huge flood in Nullah (3 times in one week) i.e. July 27, 2022 to August 2, 2022).
- Existing KKH road totally damaged at some area due to Flood in Nullah dated August 25, 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	15.6	65.2	1.1	5.03	0.04	65.8	1.1

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

4.4.3 Major Activities of RAR-02

The major construction activities undertaken during this month were:

- The excavation and blasting works are continued from K12+990 to K13+190.
- The construction works are stopped / slowed down after heavy rain and flood and due to fuel shortage. The Existing Kandia Access Road is washed away up to 1 to 1.5 km approx. The Contractor is working to clear and reinstate the existing Kandi access road due to which the new access road from existing Kandia Road to RAR02 is also delayed.

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	82.0	150.4	88.7	-	0.16	100.0	88.9

- Gantt chart and S-Curves of Dasu-TL-01 based on EOT-2 are shown in Figure 12 and Figure 13, 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:

- Formwork installation, Scaffolding, Steel fixing of top beam and roof slab concrete of Control house building completed at Grid Station.
- Excavation/cutting for access road to Grid Station is in progress.
- Foundation work for switchgear equipment's on upper terrace of Grid Station is in Progress.
- Excavation for foundation of T-111A is completed.

Overall completed activities:

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

Table 4.14: Tower Wise Status of Line Work

S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	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	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	Stringing	Remarks
7	T-37	JKD	Not started	Not started	Not started	Not started	Not started		The Employer instructed the Contractor to carry out 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	Not started	
14	T-44B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
15	T-45A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
16	T-46A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
17	T-47A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
18	T-48A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
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	
23	T-53	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
24	T-54	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
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	Not started	
29	T-60A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
30	T-61A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
31	T-62A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
32	T-63A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
33	T-64A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
34	T-65A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
35	T-66A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
36	T-67A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
37	T-67M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
38	T-68A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
39	T-68M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
40	T-69A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
41	T-70A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
42	T-71A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
43	T-71M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	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	Not started	
45	T-73A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	Stringing	Remarks
46	T-74A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
47	T-75A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
48	T-76A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
49	T-77A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
50	T-78A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
51	T-79A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
52	T-79M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
53	T-80A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
54	T-80M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	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	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	

The Landowner of T-113B is demanding

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	Stringing	Remarks
85	T-111A	ED-24	Completed	Not started	Not started	Not started	Not started		high price for foundation work.
86	T-113B	EG-24	Not started	Not started	Not started	Not started	Not started	Not started	
87	T-115A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Not started	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	Not started	
89	T-116A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
90	T-119A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
91	T-120	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
92	T-121A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
93	T-122A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
94	T-123A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
95	T-124A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
96	T-125A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
97	T-126B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
98	T-127B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
99	T-128B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
100	T-129A	ED-24	Completed	Not started	Completed	Completed	Not started	Not started	
101	T-130A	ED-26	Completed	Not started	Not started	Not started	Not started	Not started	
102	T-131B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
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	Not started	Not started	
110	T-139A	ZM-30 Standard	Completed	Value is above 10 ohm	Completed	Completed	Not started	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	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	Stringing	Remarks
124	T-154A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
125	T-155B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
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	
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	Completed	
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	Not started	
159	T-189A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
160	T-190B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
161	T-191B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
162	T-192A	ZM-60 Modify	Completed	Value is above 10 ohm	Completed	Completed	Completed	Not started	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Etraction	Stringing	Remarks
163	T-193A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started		
164	T-193M	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
165	T-194A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
166	T-194M	ZM-60 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
167	T-195A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
168	T-196A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
169	T-197A	ZM-60 Standard	Completed	Value is above 10 ohm	Completed	Completed	Not started	Not started	
170	T-198A	ZM-30 Modify	Completed	Value is above 10 ohm	Completed	Completed	Not started	Not started	
171	T-199A	ZM-30 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
172	T-200A	ZM-60 Standard	Completed	Completed	Completed	Completed	Not started	Not started	
173	T-201A	ZM-30 Modify	Completed	Completed	Completed	Completed	Not started	Not started	
174	T-202A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
175	T-203A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
176	T-204A	ZM-30 Standard	Completed	Completed	Completed	Completed	In progress	Not started	
177	T-204M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
178	T-205A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Not started	
179	T-206A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
180	T-207A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
181	T-208A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
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	

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 uptil 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	171	1	0	172	
2	Concrete of tower foundation	168	0	0	168	
3	Backfill of tower foundation	168	0	0	168	
4	Tower Erection	153	0	1	153	
5	Stringing (Spans)	57	0	0	57	
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	84
Sheikh Band	23	0	23	23	23	23
Jhalkot	20	0	20	20	20	20
Teyal Maidan	28	0	28	28	28	16
Total	179	6	172	168	168	153

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

Table 4.17 Materials on Site

No.	Items	Qty.
1	Tower Bodies (Nos)	26
2	Lynux 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 arestors (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, T130A, T-200A & T-201A			The Employer instructed the Contractor to carryout the design work for JKD towers (T-37 to T-42). However, the Contractor mobilized his team for subsoil investigation on the said towers but the landowners stopped the work. The Landowner has stopped the work at T-109A and T-110B demanding tree compensation for T-109A. The landowner wants to carry out the construction activities of T-113B by themselves but demanding high price for foundation work. The Landowner has stopped 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. 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	62.3	58.5	18.3	1.25	0.10	28.5	18.4

- Gantt chart and S-Curves of Dasu-MW-01 shown in Figure 14 and Figure 15

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. No work inside the Kass camp since August 9, 2022 due to interruption of the Local people. The status of the construction is as follows.

- Ground leveling for the Contractor's main camp-63%
- Building foundation of the prefabricated house- 49%
- Prefabricated house hoisting- 65%
- Pool Construction-100
- Stone Masonry for Retaining Wall-43%
- Installation of precast fence- 28%

(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) Land Development

- 2# Retaining wall excavation Foundation- 100%
- Stone Masonry for retaining wall- 77.7%
- Stone masonry for 6# and 7# retaining wall- 100%
- Coarse Crushing Platform Leveling- 100%
- Batching Plant Foundation Excavation- 90.50%

ii) Finished Corridor Construction

- Concrete Placing- 63.50%

iii) Medium and fine sand Crushing System

- Cushion Pouring- 100%
- Column Foundation-100%
- Construction of Vertical Crushing System- 50%
- Screening System-40%
- Equipment Installation- 22%

(4) Construction of Chillas Pozzolan Milling Plant

Construction of Chillas Pozzolan milling plant- 98%

Equipment Installation of Chillas pozzolan milling plant- 70%

(5) Aggregate Storage at CR9 Area

Construction of aggregate storage in CR9 area completed on December 26th, 2021.

(6) 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.

(7) Damage of Temporary Facility caused by Debris Flow in the Uchar Nullah 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 Nullah 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 Nullah which result damage to the Chinese Canteen. Other buildings at river side is also in danger if further severe flood occurs in future.

(8) 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.

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 December 13, 2020.

ii) Diversion Tunnel Tunnels

➤ **Open Excavation of Inlet Structure**

Diversion Tunnel A

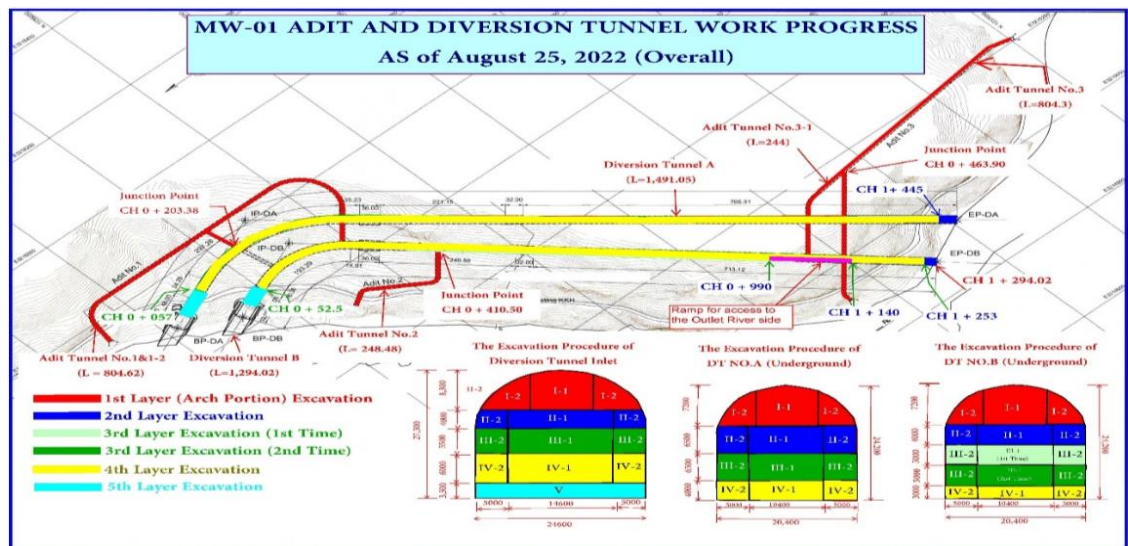
43,620/43,620m³ (100%) open excavation completed at the end of December 2020.

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 the 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	1,445	97
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. It is progressed from inlet side from 0+000~ 1+445(1445m). The Excavated Length is **1,445m/1,491m (97%)**.
- 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 August is **747,942m³/760,000m³ (98.41%)**.

Diversion Tunnel B

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

DIVERSION TUNNEL B (EXCAVATION PROGRESS)			
Layer No.	Total Length (m)	Completed Length (m)	%age Complete
1 st	1,294	1,294	100
2 nd	1,294	1,294	100
3 rd (Part-1)	1,294	1,253	97
3 rd (Part-2)	1,294	1,253	97
4 th	1,294	1,253	97
5 th	52.50	52.50	100

- The top bench excavation broke through on August 23, 2020. Enlargement at the outlet part is remaining for less than 10 m. Open excavation and support work of the outlet in progress.
- On December 17th, geological shear zone was encountered at CH.0+318 and tunnel support "Type II-6 (with lining concrete)" was applied. This supporting type continued till Ch.0+290 after that rock condition improved and support type changed to Type II-5.
- The second bench excavation was started on July 01, 2020. It is completed by end of June, 2021. The excavated length is **1,294m / 1,294m (100%)**.
- The third bench (1st time) excavation was started on July 03, 2020. It is progressed from inlet side (till Ch. 0+350) and from Adit Tunnel No.3 (Ch. 0+350~1+253). The excavated length is **1,253m/1,294m (97%)**.
- The 3rd bench (2nd time) excavation was commenced on November 02, 2020. It is progressed from the inlet side (till Ch. 0+365) and from Adit Tunnel No.3 (Ch. 0+365~1+253). The excavated length is **1,253m/1,294m (97%)**.
- The 4th bench excavation was progressed from Adit Tunnel No.3 Ch. 1+253 (1253m). The excavated length is **1,253m/1,294m (97%)**.
- The 5th layer for inlet section was started on December 02, 2020 and completed on December 30, 2020.
- Overall Excavation progress for DT.B at the end of August is **656,680m³/ 670,000m³ (98%)**.

(2) Concrete Work of Diversion and Adit Tunnels

Diversion Tunnel A

1) Inlet Structure Works (Outside)

- 11,462m³ / 21,515m³ (53%) completed till end of August 2022.

2) Inlet Lining Works (Inside)

- **Concrete Works:** 5,975m³ / 10,873m³ (55%) completed till end of August 2022.

3) Invert Levelling Concrete (C20)

- L/S- 1,183m / 1,502m (79%)
- R/S- 1,199m/1,502m (80%)

4) Invert Structural Concrete (A25)

- L/S- 90m / 1,502m (6%)
- R/S- 786m/1,502m (52%)

5) Outlet Structure Works

- **Concrete Works:** 1926m³ / 1926m³ (100%) completed on June 2nd, 2022.

Diversion Tunnel No. B

1) Inlet Structure Works (Outside)

- 11,214.80m³/ 21,600m³ (52%) completed till end of August, 2022.

2) Inlet Lining Works (Inside)

- 6,102m³ / 10,418m³ (59%) completed till end of August, 2022.

3) Shear Zone Area

- **Concrete Works:** 6,024m³ / 9,045m³ (67%) completed till end of August, 2022.

4) Invert Levelling Concrete (C20)

- L/S- 775.50m / 1,309m (59%)
- R/S- 953m/1,309m (73%)

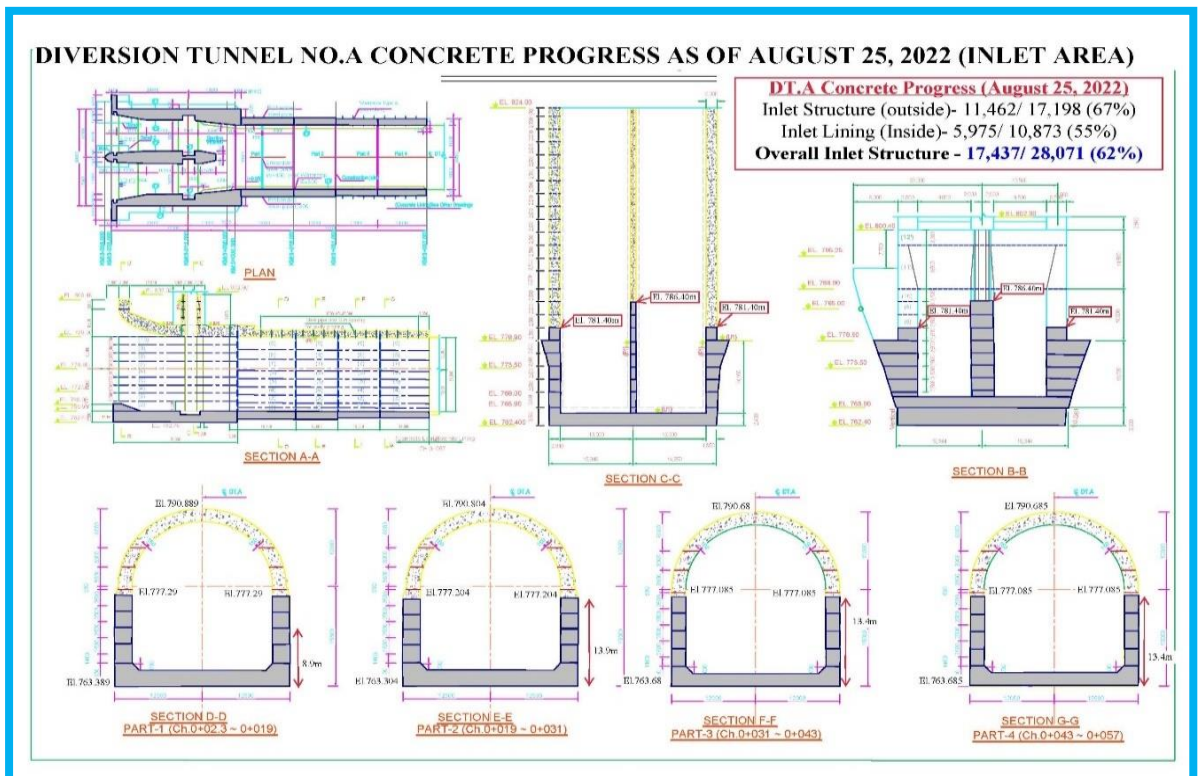
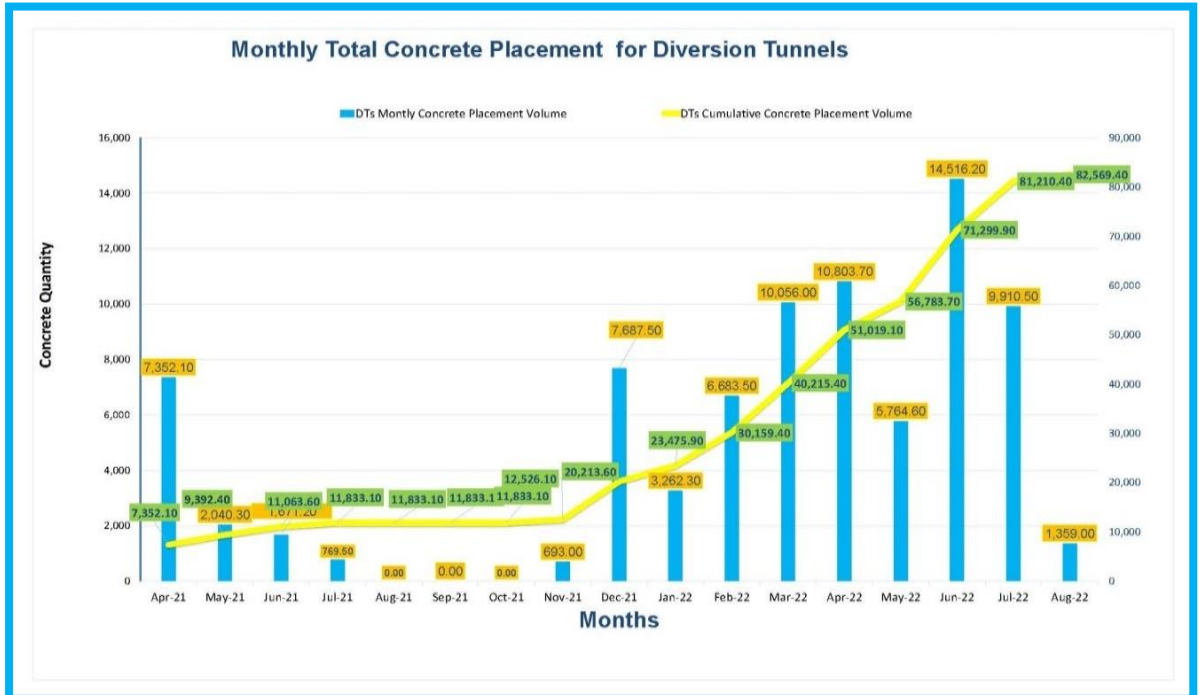
5) Invert Structural Concrete (A25)

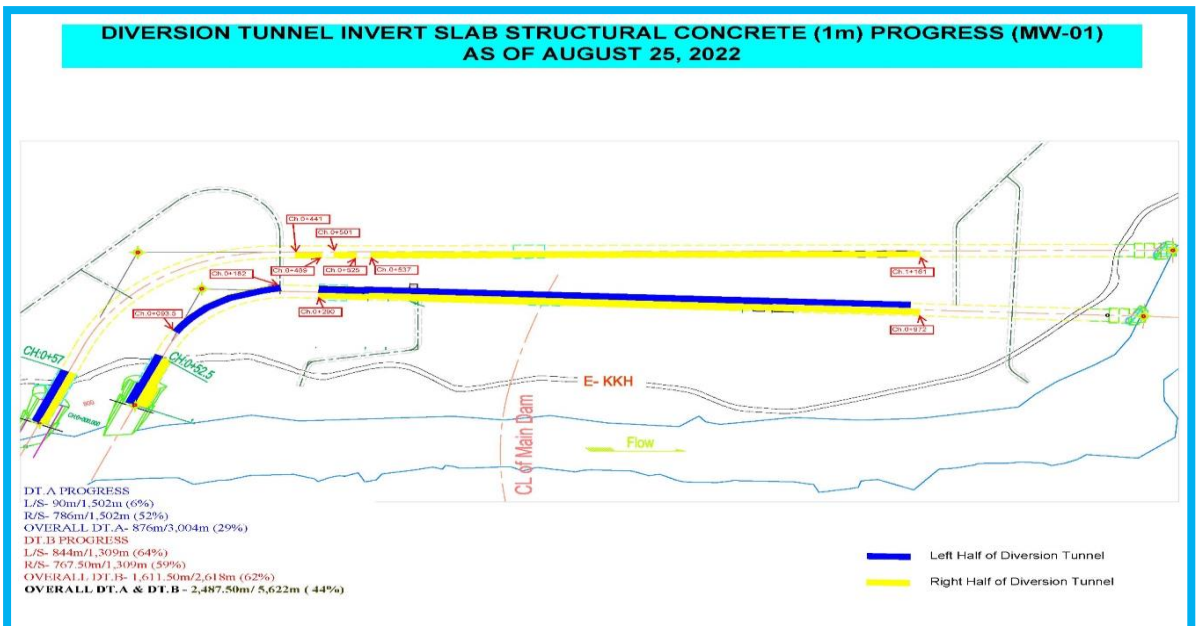
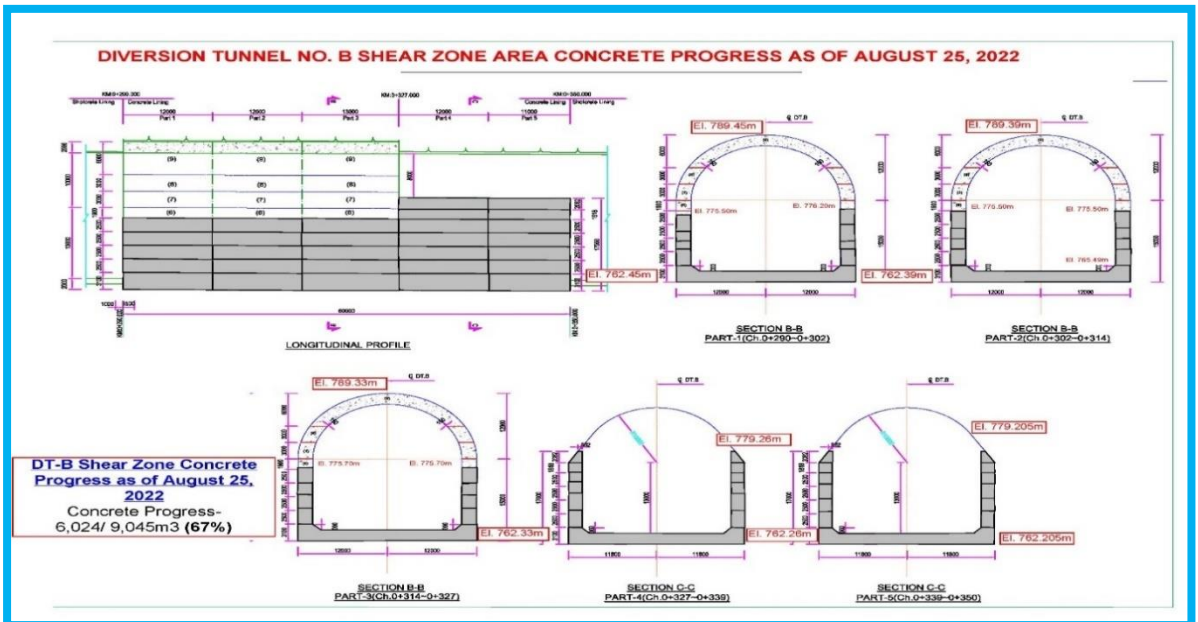
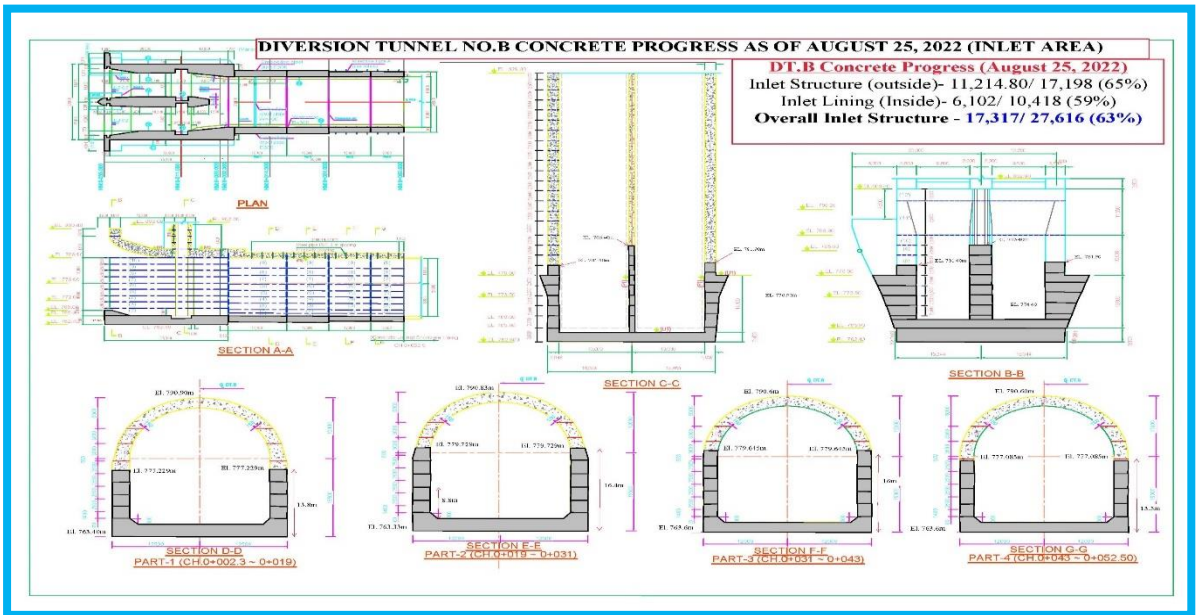
- L/S- 1013m / 1,309m (77%)
- R/S- 963m/1,309m (74%)

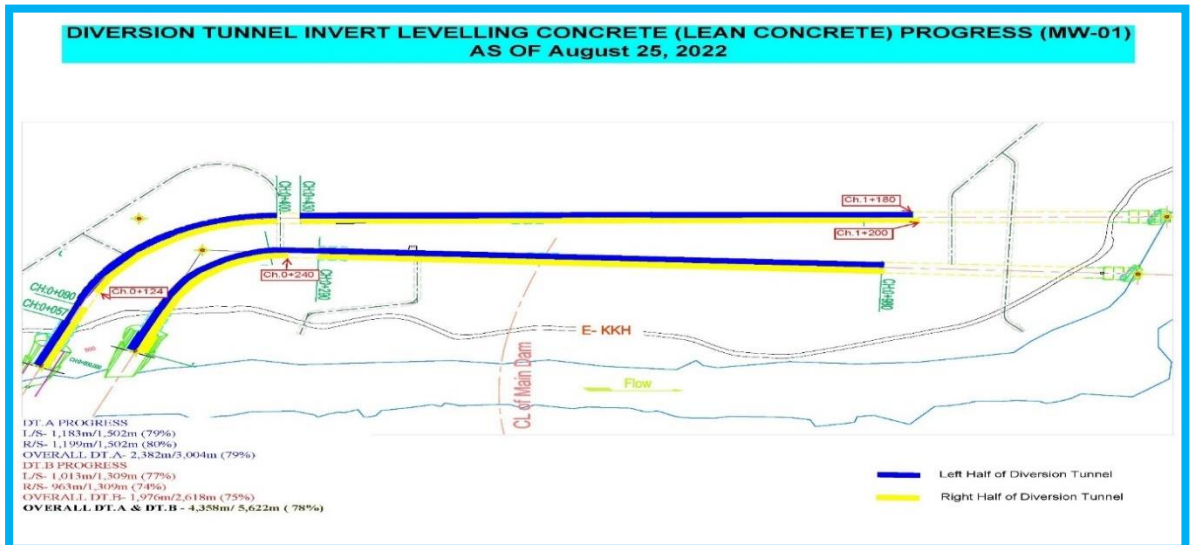
6) Outlet Structure Works

- **Concrete Works:** 1829.20m³/ 1829.20m³ (100%) completed on May 9th, 2022.

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







7) 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.

8) 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

9) Diversion Channel on the right bank

No activity observed during the month of July, 2022.

➤ Temporary facilities (Diversion tunnel Inlet side)

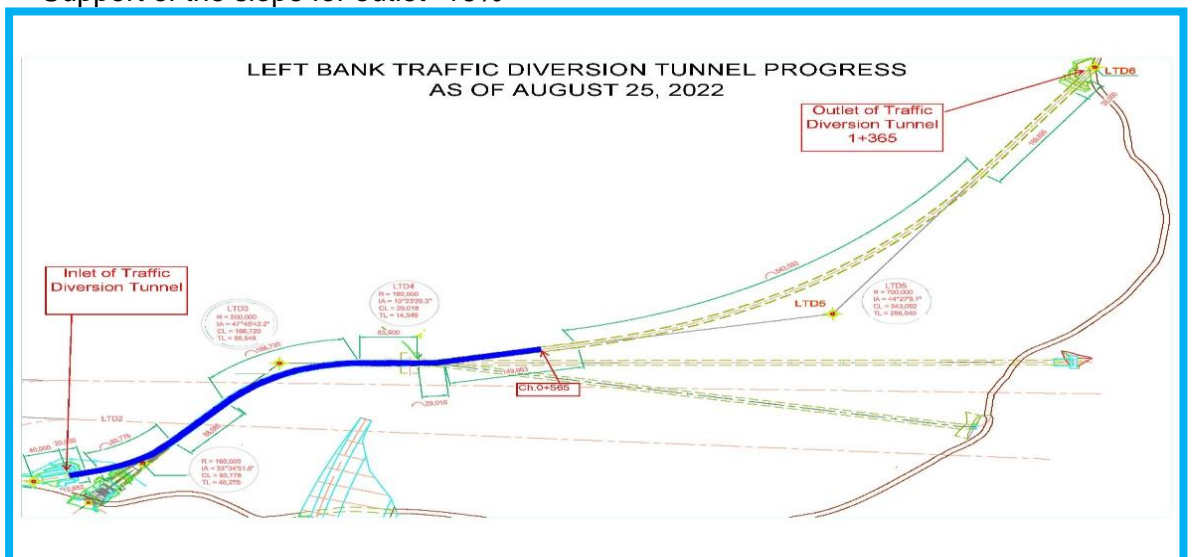
- Gabion protection for CR2 Road river side 100%

➤ 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

- Upstream Surface Excavation – 100%
- Underground Excavation Work- 565m / 1,365m (41%)
- Excavation of the Slope for Outlet- 54%
- Support of the slope for outlet- 16%



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)

- Temporary Access Road Construction- 51%
- Excavation and support of Right Bank Cable crane Platform- 19%

(2) Left Bank Abutment

- Excavation of the first layer of CR5-2 Road- 100%
- Slope Excavation-100%
- Excavation of the second layer of CR5-2 Road- 21%
- CR5 Pool Construction-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.				
2	Uchar Nullah Water Inlet	Installation of water supply pipe until dam site 100% completed on June. Intake structure 100% completed on June.				
3	Barseen camp	Dormitory & canteen housing finished.				
4	Pakistani Camp	Foundation Leveling: 100% Dormitory buildings : 100% , (8 dormitory houses, 1 Mosque and 1 canteen)				
5	Uchar Chinese Labor Camp	Construction of Prefabricated house: 100% Concrete Placement: 100% Fencing Wall: 100%				
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 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	Diversion Tunnel Tunnels Underground Excavation of Diversion Tunnel Diversion Tunnel A - 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, 2021. The excavated length is 1,491m/1,491m (100%) . ➤ The third bench excavation commenced on June 27, 2020. It is progressed from inlet side from 0+000~ 1+445(1445m) .The Excavated Length is 1,445m/1,491m (97%) . ➤ 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 August is 747,942m³/ 760,000m³ (98.41%) . Diversion Tunnel B - The top bench excavation broke through on August 23, 2020. Enlargement at the outlet part is remaining for less than 10 m. Open excavation and support work of the outlet in progress. - On December 17 th , geological shear zone was encountered at CH.0+318 and tunnel support "Type II-6 (with lining concrete)" was applied. This supporting type continued till	No activity inside the Diversion Tunnel due to Indus river overtopping from inlet dyke since August 17, 2022.	Need dewatering from the Diversion Tunnel.	The Employer has arranged 5 Nos. of Pump from the Terbela Dam for early resuming of work inside the diversion tunnel.

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<p>Excavation: 41395/41395 m³ (100%) open excavation completed at the end of December, 2020.</p> <p>Inlet dyke Concrete: completed on July 4, 2019.</p> <p>Temporary facilities (Diversion tunnel outlet side) Air supply station 100% Power station 100%</p> <p>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</p> <p>Reconstruction of DT Outlet Dyke- A Dyke completed on June 13, 2022 Reconstruction of DT-B Dyke completed on June 6, 2022</p> <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>Ch.0+290 after that rock condition improved and support type changed to Type II-5.</p> <ul style="list-style-type: none"> ➤ The second bench excavation was started on July 01, 2020. It is completed by end of June, 2021. The excavated length is 1,294m /1,294m (100%). ➤ The third bench (1st time) excavation was started on July 03, 2020. It is progressed from inlet side (till Ch. 0+350) and from Adit Tunnel No.3 (Ch. 0+350-1+253). The excavated length is 1,253m/1,294m (97%). ➤ The 3rd bench (2nd time) excavation was commenced on November 02, 2020. It is progressed from the inlet side (till Ch. 0+365) and from Adit Tunnel No.3 (Ch. 0+365-1+253). The excavated length is 1,253m/1,294m (97%). ➤ The 4th bench excavation was progressed from Adit Tunnel No.3 Ch. 1+253 (1253m). The excavated length is 1,253m/1,294m (97%). - The 5th layer for inlet section was started on December 02, 2020 and completed on December 30, 2020. - Overall Excavation progress for DT.B at the end of August is 656,680m³/ 670,000m³ (98%). <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"> - 11,462m³ / 21,515m³ (53%) completed till end of August 2022. <p>Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> - Concrete Works: 5,975m³ / 10,873m³ (55%) completed till end of August 2022. <p>Invert Levelling Concrete (C20)</p> <ul style="list-style-type: none"> - L/S- 1,183m / 1,502m (79%) - R/S- 1,199m/1,502m (80%) <p>Invert Structural Concrete (A25)</p> <ul style="list-style-type: none"> • L/S- 90m / 1,502m (6%) • R/S- 786m/1,502m (52%) <p>Diversion Tunnel No. B</p> <p>Inlet Structure Works (Outside)</p> <ul style="list-style-type: none"> - 11,214.80m³/ 21,600m³ (52%) completed till end of August, 2022. <p>Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> • 6,102m³ / 10,418m³ (59%) completed till end of August, 2022. <p>Shear Zone Area</p> <ul style="list-style-type: none"> • Concrete Works: 6,024m³ / 9,045m³ (67%) completed till end of August, 2022. <p>Invert Levelling Concrete (C20)</p> <ul style="list-style-type: none"> - L/S- 775.50m / 1,309m (59%) - R/S- 953m/1,309m (73%) <p>Invert Structural Concrete (A25)</p> <ul style="list-style-type: none"> - L/S- 1013m / 1,309m (77%) - R/S- 963m/1,309m (74%) 			
7	Left Bank Traffic Diversion Tunnel	Upstream Surface Excavation for Inlet Portal– 100%	<p>Left Bank Traffic Diversion Tunnel</p> <ul style="list-style-type: none"> - Underground Excavation Work- 565m / 1,365m (41%) - Excavation of the Slope for Outlet- 54% - Support of the slope for outlet- 16% 	Slow progresses observed at U/G and D/S Portal of LBTDT.		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% <p>Left side Abutment construction</p> <ul style="list-style-type: none"> - 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%	<p>Left Bank Abutment</p> <ul style="list-style-type: none"> - Excavation of the second layer of CR5-2 Road- 21% 			
10	Right Bank Abutment (Siglo Area)		<p>Right Bank Abutment (Siglo Area)</p> <ul style="list-style-type: none"> - Temporary Access Road Construction- 51% - Excavation and support of Right Bank Cable crane Platform- 19% 			
11	1# Batching Plant and 1# Crushing	2# Retaining wall excavation Foundation- 100%	<p>1# Batching Plant and 1# Crushing Plant at Uchar Area</p> <p>Land Development</p> <ul style="list-style-type: none"> ▪ Stone Masonry for retaining wall- 77.7% 			

No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
	Plant at Uchar Area	<ul style="list-style-type: none"> - Stone masonry for 6# and 7# retaining wall- 100% - Coarse Crushing Platform Leveling- 100% Medium and fine sand Crushing System ▪ Cushion Pouring- 100% ▪ Column Foundation-100% 	<ul style="list-style-type: none"> ▪ Batching Plant Foundation Excavation- 90.50% Finished Corridor Construction ▪ Concrete Placing- 63.50% Medium and fine sand Crushing System ▪ Construction of Vertical Crushing System- 50% ▪ Screening System-40% ▪ Equipment Installation- 22% 			
12	Diversion Channel on the Right Bank		Diversion Channel on the right bank No activity observed during the month of June, 2022.			
13	Uchar Tentative Crushing Plant (River side)	All civil works and installation of machines completed	In operation	Existing Crushing Plant was submerged under water due to		
14	Tentative Batching Plant (at Logro)	All civil works and installation of machines completed	In operation			
15	Kass	- Pool Construction-100	KASS Main Camp <ul style="list-style-type: none"> - Ground leveling for the Contractor's main camp-63% - Building foundation of the prefabricated house- 49% - Prefabricated house hoisting- 65% - Stone Masonry for Retaining Wall-43% - Installation of precast fence- 28% 			63% KASS Land handed over to the Contractor

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

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	62.3	57.8	7.4	2.15	-	39.5	7.4

- Gantt chart and S-Curves of Dasu-MW-02 shown in Figure 16 and Figure 17

4.7.3 Major Activities of MW-02

The major construction activities undertaken during this month were:

4.7.3.1 Preparatory Works

(1) Khushi Labour Camp

- Khushi Labour Camp is completed 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.
- Pilot Road excavation for LU1 Road has been commenced.
- Access road of Power Intake Protection Fence Platform was commenced on 27th of October 2021.
- Power Intake Platform protection fence ch.0+113-0+133 is in progress. (April 2022)
- Surface Excavation for lowering level is in progress. (April 2022)
- Surfacer Boulders blasting was in Progress (June 2022)
- Surfacer Boulders blasting was in Progress (August 2022)

(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.
- Khushi Batching Plant is still under assembly with the Aggregates bays being constructed along with the drainage pipe being installed.
- Civil works for aggregate storage area have been completed on 28th March 2021.
- Batching Plant of CR9 Area is Operational However Some reservations yet to be fulfilled by the Contractor as per the Engineer's instruction.

4.7.3.2 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).

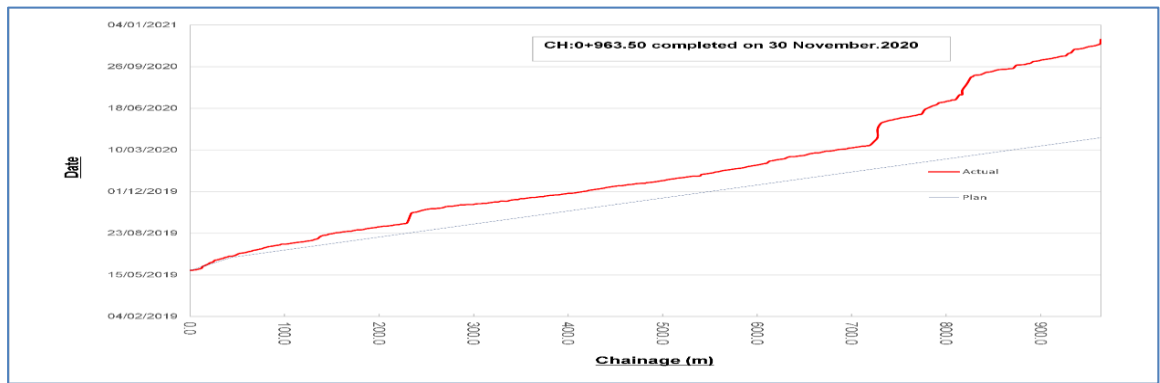


Figure: Work Progress of Main Access Tunnel

4.7.3.3 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).
- Criss Drain Culvert: 0 m³ (62 m³ in total), works was suspended

4.7.3.4 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 August 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)

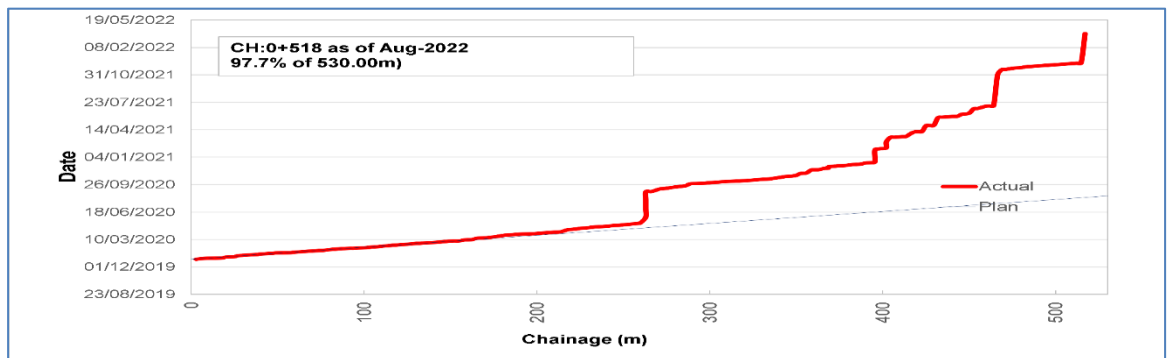


Figure: Work Progress of Surge Chamber Vault Access Tunnel

4.7.3.5 Service Tunnel A

- Excavation of Service Tunnel A was started on 20 January 2020.
- Work progress of Service Tunnel A in July 2022: 0.00m (567 m in total, 99.5% of total length of 569.73 m)

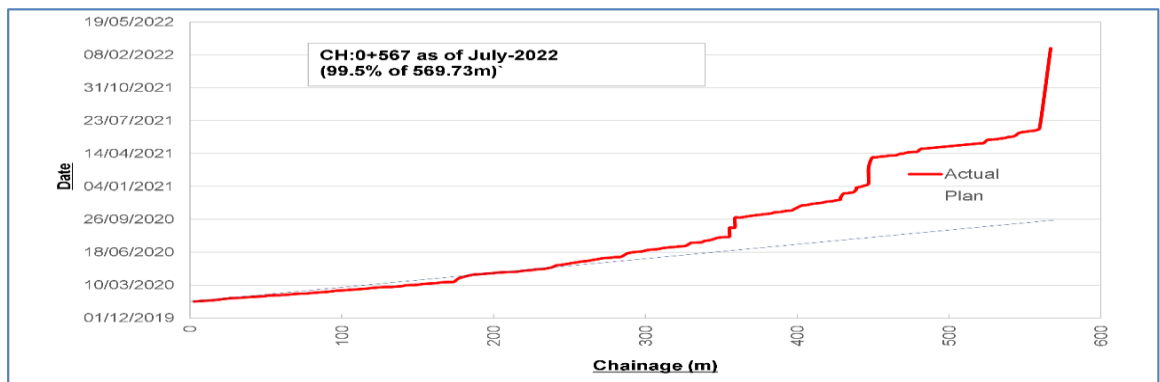


Figure: Work Progress of Service Tunnel A

4.7.3.6 Service Tunnel C

- Tunnel excavation of Service Tunnel C was commenced on 02 February 2020.
- Work progress of Service Tunnel C in July 2021: 0.00 m (406.6300 m in total, 100% of total length of 406.63 m). (Design Excavation was completed in the Month of Jan.2022.)

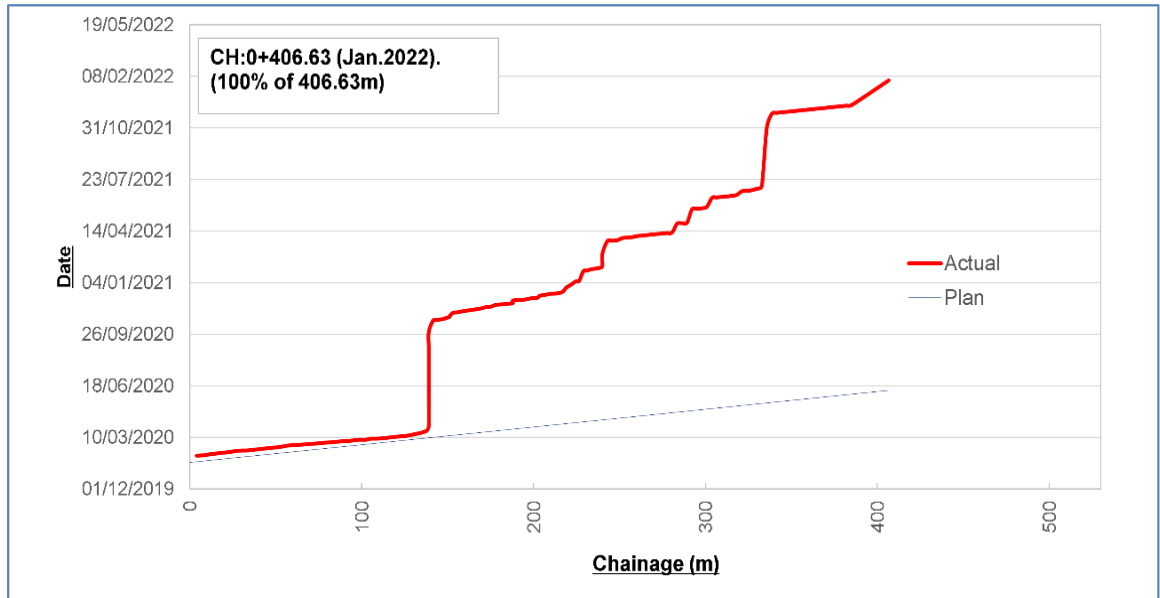


Figure: Work Progress of Service Tunnel C

4.7.3.7 GIS Room Access Tunnel

- The Engineer issued revised construction drawings for the GIS Room Access Tunnel on 24 March 2020.
- GIS Room Access Tunnel was commenced on 01 March 2020.
- Work progress of the GIS Room Access Tunnel in August 2022: 00.0m (113m in total 98.9% of the total length of 114.18 m)
- STB Tunnel Excavation was in Progress F.ch 0+57.5 approx.

4.7.3.8 Exhaust Tunnel

- Exhaust Tunnel was commenced on 14 March 2020.
- Work progress of the Exhaust Tunnel in March 2020: Completed except for Vertical Shaft (217.26 m in total 100% of the total length of 217.26 m).
- Drilling for the vertical Shaft is in progress from the drain Tunnel (Existing Shaft tunnel)

4.7.3.9 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 (Right Wall) Tunnel of total length 242m). (I-3 Enlargement was completed on the 24th of March 2022)
- Total Excavation Volume of August. 2022 is 35993.33 of Total Powerhouse Cavern Excavation Volume of 378,570.46 m³ which is the progress of **9.5%** in total.
- Support Work is in progress for the overall Crown Pilot Portion.
- Trail Test for PS Tendon Tensioning was in progress (August 2022)

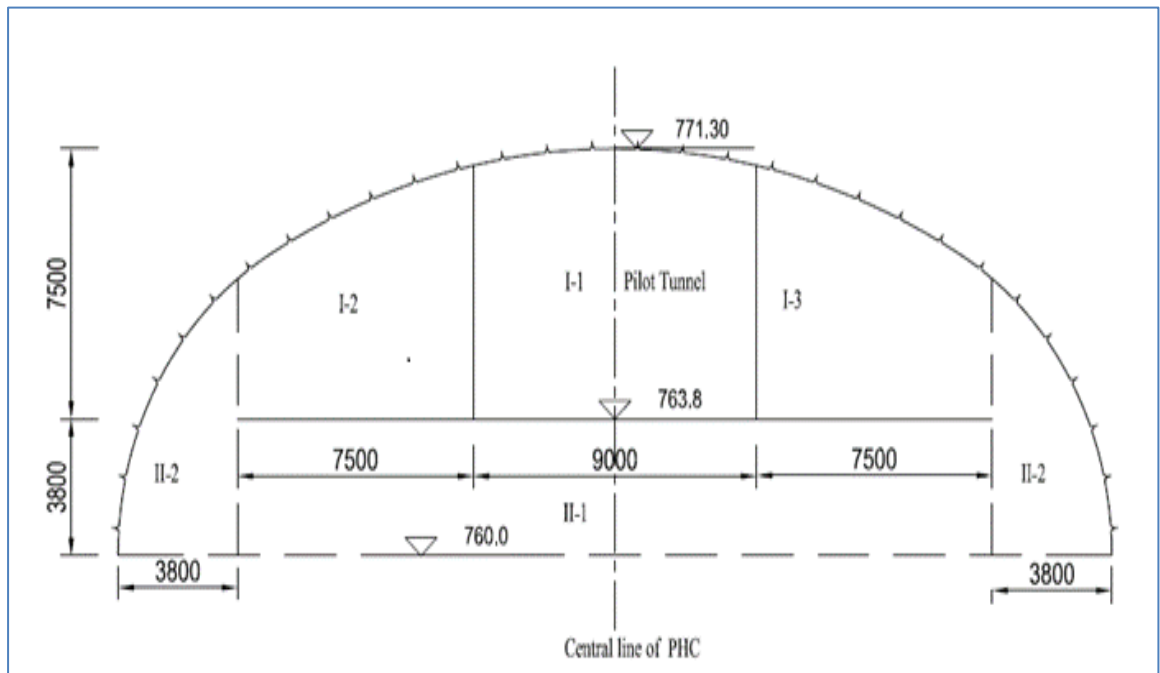


Figure: Section of Powerhouse Cavern Bench 1

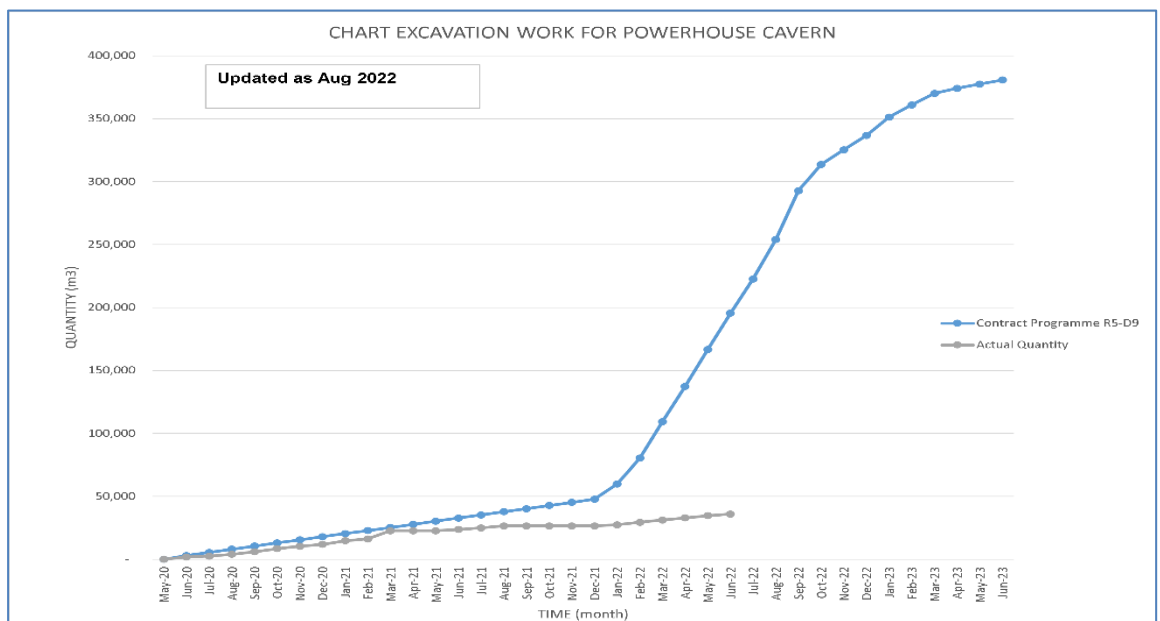


Figure Work Progress of Pilot tunnel Excavation of Powerhouse Cavern Bench 1

4.7.3.10 Underground Transformer Cavern

- Excavation of Bench 1 of Crown Portion (Pilot Tunnel I-1) was commenced on 04 June 2020.
- Updated rock support drawings were issued on 02 June 2020.
- (241.5 m of I-1 Pilot Tunnel of the total length of 242 m). (Excavation was Completed I-1 in the Month of December 2021)
- I-2 Enlargement was completed 12th of June 2022.
- Work progress of the Tunnel in August 2022: 0.00 m. I-3 Enlargement was complete on 22nd July 2022.
- Total Excavation Volume of August. 2022 is 26,436.698 of Total Transformer Cavern Excavation Volume of 234,829.30 m³ which is the progress of **11.2%** in total.
- Trail Test for PS Tendon Tensioning was in progress (August 2022)

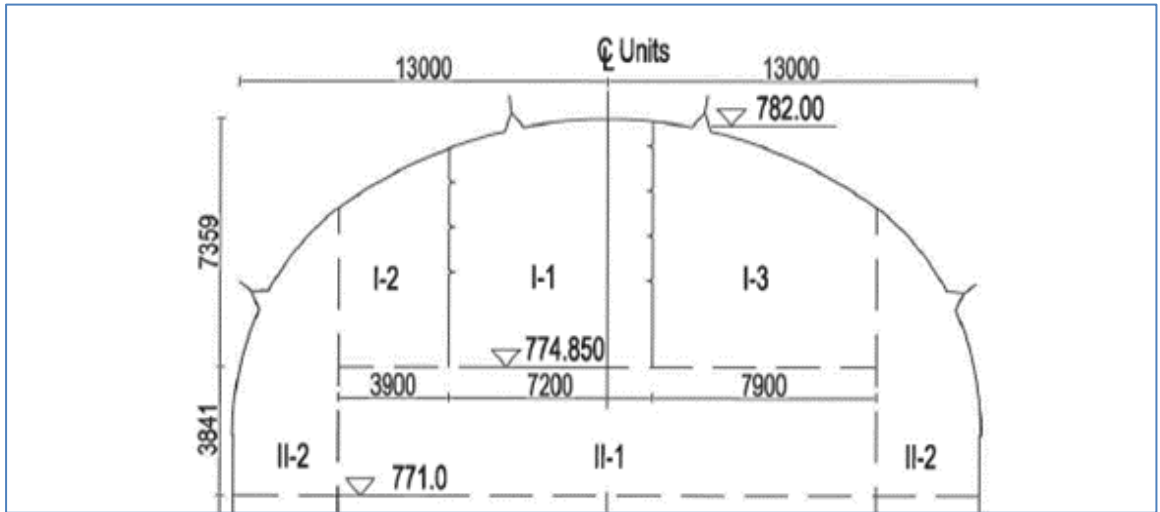


Figure: Section of Transformer/GIS Cavern Excavation Bench Diagram

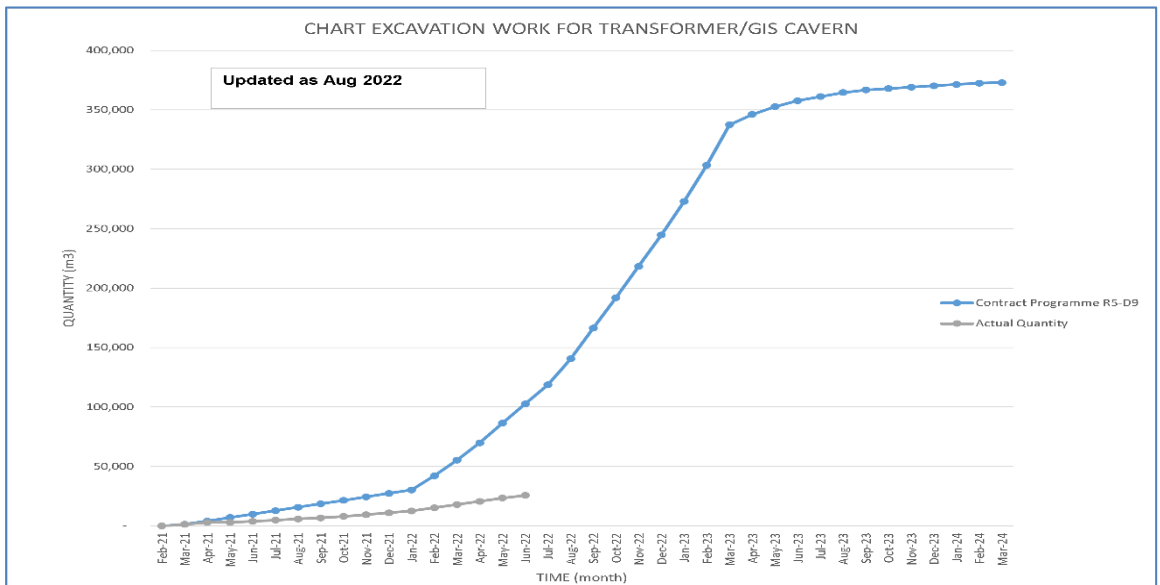


Figure: Work Progress of Transformer/GIS Cavern Excavation Bench Diagram

4.7.3.11 Drain Tunnel

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

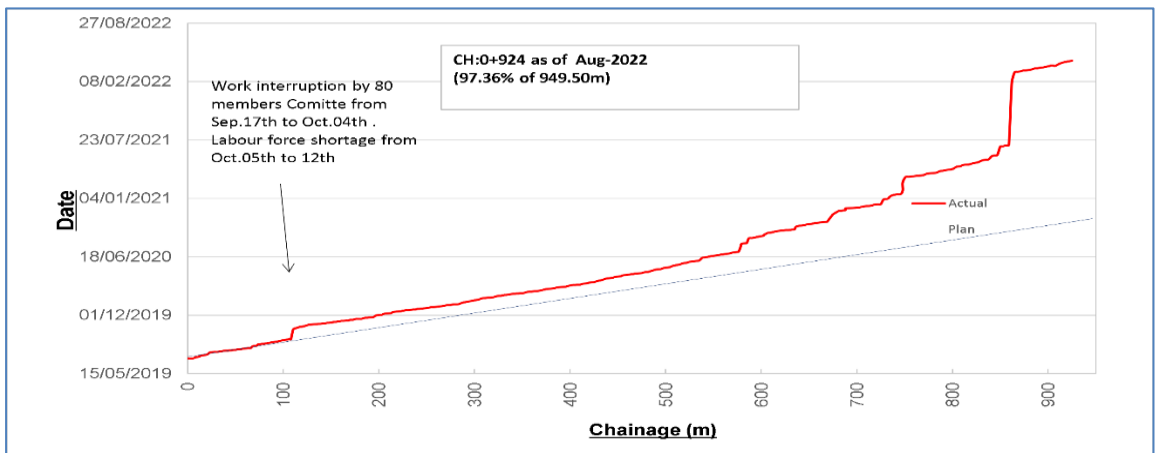


Figure: Work progress of Drain Tunnel

4.7.3.12 Connection Tunnel to Transformer Cavern

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

4.7.3.13 Connection Tunnel to Powerhouse Cavern (From Exhaust Tunnel)

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

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

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

4.7.3.15 Penstock Adit Tunnel No.01

- Tunnel excavation was commenced on 12 November 2020.
- Work progress of the Penstock Adit Tunnel No.01 in May 2022: 2.55m (53 m in total, 95.4% of total length of 55.55 m).
- Lowerpressure#1 Tunnel excavation was started 08/05/2022.
- Lower pressure#1 invert leveling/Cleaning was in progress (August 2022)

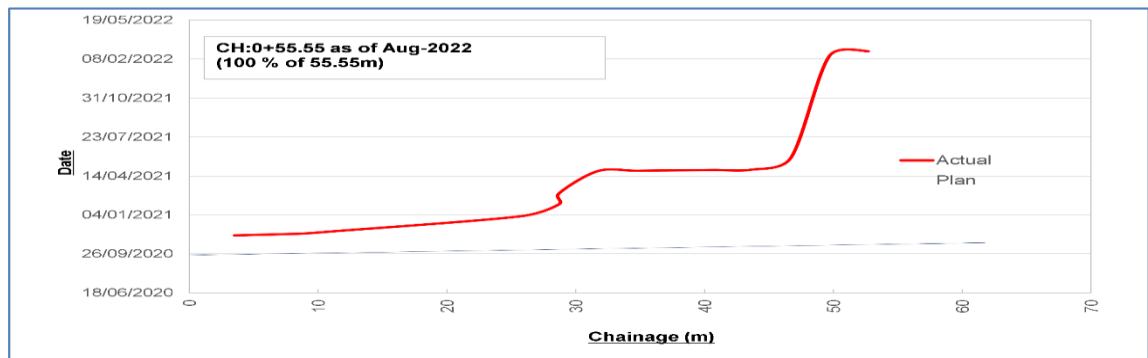


Figure: Work Progress of Penstock Adit Tunnel No.01

4.7.3.16 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).
- The Excavation was stopped due Rockfall only support recovery was in progress (stage 1)

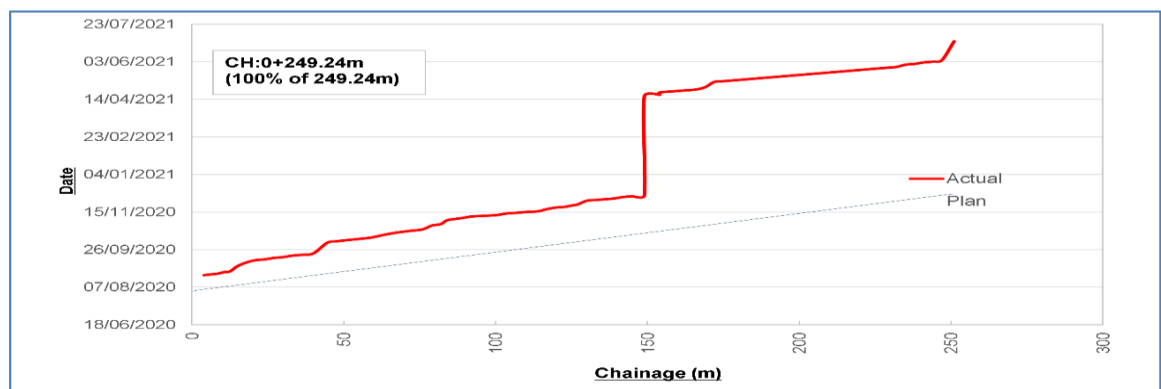


Figure: Work Progress of Penstock Adit Tunnel No.02

4.7.3.17 Permanent Access Road LD 7

- Pilot excavation and initial slope protection
- Second stage excavation and initial support works were conducted between Ch:0+325 m to 0+650.
- No Activity due to diversion of the access road to LD7 for CR-9 area access. (May 2022).
- Side slope protection at Ch.0+630-0+572 below El.800 was in progress (June 2022).

4.7.3.18 Switchyard

- 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.
- Topographic Survey for the Initial Excavation is in progress.
- Joint inspection was conducted to specify the Boundary of Switchyard Area and Relocated KKH Tunnel A. (Joint Inspection Attended WAPDA, CGGC, CCECC, and DHC Engineer).
- Preparatory work for switchyard area Labour Camp.
- Contractor (CGGC) and Engineer have conducted joint topographic survey.
- Reinforcement and formwork of the water tank are in progress.
- Removing of Dumping material by Daywork is in progress.
- Excavation of 1st layer/Bench was started on 14 April 2022. (InProgress)
- Excavation of 1st, 2nd and 5 layer/Bench was in progress (May 2022)
- Excavation of 5th layer El.975 to El.973 Drilling for blast was in progress, Excavation from El.930 to 920m was in progress (July 2022)
- Meeting was held regarding Boundary line of Switchyard and KKH Batching Plant

4.7.3.19 Daywork Order in the month of July 2022.

- Removing of Dump Material from Switchyard area was suspended due to Boundary line issue with CCECC and CGGC (The Contractors).

4.7.4 Location wise Status of MW-02

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

Table 4.25 Location wise Status (MW-02)

No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
1	Steel Truss (Superstructure)	30 Oct.2018 Preparation work has been started. 24 Nov.2018 CB200 on the left bank has been completed. 25 Nov.2018 Erection of temporary nose beam has been stated.	1) The Contractor submitted the drawings however the essential information was lacked and rejected on 16 August 2018.	1) The Contractor submitted required documents. However, most of the documents are insufficient. 2) Securing safety of the site erection work for steel truss superstructure. 3) Landowner at right bank frequently stop the construction work. 4) Improvement approach road for public use on right	1) Bridge installation work will be delayed drastically because of the Contractor's poor method statement and quality management. 2) Due to poor coordination, the erection work will	1) The Engineer instructed the Contractor to take contract oral procedure on 16 August 2018. 2) The Engineer reviewed his method statement carefully and suggested appropriate installation method. 3) The Engineer will dispatch experienced instructor for steel bridge erection. 4) The Engineer repeatedly conducts verbal explanation and issue the letter to fulfil contractual requirement for bridge truss installation.

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		30 Dec. 2018 Main bridge CB450 was moved at the designated position. 07Jan. 2019: Move down of CB450 at the designated position. 11 Jan. 2019: CB450 has been completed. 24 Feb. 2019 CB200 on RB has been completed	2) The Contractor submitted MS however, internal coordination is required. LEI N/A	bank has been started on 24August 2019and was completed on 08 Aug.2019. LEI N/A	be delayed drastically. (Construction will have a serious impact resulting in delay(s).) LEI N/A	5) Engineer repeatedly explains importance of safety measure to the Contractor by verbal explanation and letter. 6) Engineer repeatedly instructs to finalize method statement of truss bridge by verbal explanation and letter 7) Engineer checked the status of landowner's interruption 8) Engineer requested to change layout the route of the approach road. 9) Engineer issued daywork order to construct RB approach road on 03 July 2019 10) Engineer issued daywork order to improve RB approach road for public use on 21 Aug19.
2	Main Access Portal	Work and Issue was completed on 22 May 2019	LEI N/A	LEI N/A	LEI N/A	LEI N/A
3	Main Access Tunnel	Started on 21 May 2019. Excavated up to 509m as of 31Dec.2019	Geological condition gradually becomes good.	1) Portal is located small fault zone of Khushi contact. 2)Tunnel geology is not so good because of Khushi contact	LEI N/A	1)Engineer instructed to shift portal location 2) Engineer instructed to install canopy tube at portal and fore-poling at cutting face. 3) Engineer carefully observed geological conditions and issue timely instruction to cope with site geology. 4) Continued above 3) in Dec.2019
4	LD7	Excavation work started on 13 July 2019. However, due to bad geology the work as suspended on 14 July 2019.	LEI N/A	1) Contractor requested to relocation houses at Khushi area (above Seo Bridge) 2) Along the LD7, excavated material during KKH construction is deposited. The deposit is much larger than expected amount.	LEI N/A	1) The Engineer frequently requested the Employer to relocate the houses. 2) The Engineer carefully observing geological condition and issue timely instruction or revised drawings to cope with actual site geology. 3) Continued about 2) in Oct.2019. 4)No Activity (May2022) 5)Slope Protection support work was in progress (June 2022).
5	Barseen	LEI N/A	LEI N/A	Handover of the remaining land is urgently required for temporary facilities.	LEI N/A	1) Coordinating with the Employer to expedite land acquisition process.
6	Uchar	LEI N/A	LEI N/A	Handover of the land is urgently required for temporary facilities. The Contractor requested to handover the land on 01 August 2019 to construct his batching plant	LEI N/A	1) Coordinating with the Employer to expedite land acquisition process 2) Engineer suggested the Employer to replace CCECC'S plant with the CGGC's new plant.
7	Kass	LEI N/A LEI N/A	LEI N/A LEI N/A	Handover of the land is urgently required for temporary facilities/waste disposal. LEI N/A	LEI N/A LEI N/A	1) Coordinating with the Employer to expedite land acquisition process. 2) Demolishing existing houses is in progress 3) Excavation of access road for Camp is in progress. 4) Demolishing of Local Houses by day work order is in progress. 5) Installation of pre-Cast room for the CGGC Chinese Dormitory. (InProgress April 2022) 6) Stone Masonry Stone is in progress (Breast Wall) 7) (InProgress May 2022) 8) Installation of pre-Cast room for the CGGC Chinese Dormitory. (InProgress June 2022)
8	Khushi Labour camp	LEI N/A	The Employer made payment for temporary relocation to the landowners Land issues has been resolved on 16 December 2019	The Labour camp area has been handed over on 15 March 2019. Demolishing houses have been completed on 20March 2019. Engineer issued daywork order to demolish houses on 03 August 2019. However, due to the slow progress of self-relocation, the demolishing work has not been completed	The Contractor will issue claim for delaying land handover for Labour camp.	1) Coordinating with the Employer to expedite land acquisition process. 2) The Engineer proposed alternative land to the Employer. Coordination with stakeholders is in progress. 3) Khushi Labour Camp is Completed but the Pakistani staff yet to be shifted. 4) Engineer reminded the Employer to enforce demolishing houses by letter. 5) Engineer issued a daywork order for demolishing houses on 08 Mach 2019 and the work has been started on 14 March 2019. 6) Engineer issued daywork order to demolish houses on 03 August 2019 7) The Engineer requested the Employer to enhance self-relocation 8) Khushi Labour Camp is Completed in Jun21
9	Khushi Parking area	LEI N/A	Land issue has been solved on middle of July 2019.	Land was handed over on 27 December 2018 The Contractor intended to use the land only for low flow season. The Contractor informed that landowner interrupted his work	LEI N/A	1) Employer suggested to use phase -2 of colony area. The Engineer is coordinating with Zonghmi Contractor. 2) Engineer informed the Employer to solve landowner issue ASAP
10	Khushi Spoil Bank and	Left Empty Intentionally	The Employer coordinated with C&W to relocate his	The Contractor proposed new layout of spoil bank and batching plant in Khushi.	His proposal requires to shift CCECC's spoil bank and	1) The Engineer is conducting justification study of the proposal and request the Contractor to provide supporting document.

4.7.5 Summary of Daily Work Records of MW-02

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

4.7.6 Dewatering Record

Dewatering Record during Contractor's Suspension Work- for the Month of August 2022 MW-02						
Workforce			Equipment			Remarks
Type	Location	Qty	Type	Power/Capacity	Qty	
Tech. Staff	MAT 0+370	0	Water Pump	75Kw	1	One Operator Visiting Different Faces
Electrician		1				
Skilled		1				
Tech.Staff		0				
Tech.Staff	MAT 0+510	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	STA To PA &STA 0+300	0	Water Pump	7.5Kw	1	
Electrician		0		75Kw	1	
Skilled		1				
Tech.Staff		0				
Tech.Staff	PH	0	Water Pump	45Kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	ADFT	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech.Staff		0				
Tech.Staff	MAT 0+820	0	Water Pump	75Kw	1	
Electrician		1				
Skilled		1				
Tech.Staff		0				
Tech.Staff	CR-9 PowerStation	0				
Electrician		1				
Skilled		1				
Tech.Staff		0	Generator	880KVA	1	

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

4.8.1 General Contract Data of LBRV-11

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

Table 4.26: 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 4.27: 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	44.2	189.7	37.6	-	0.20	100.0	37.8

- Gantt chart and S-Curves of Dasu-LBRV-11 shown in Figure 18 and Figure 19

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

- Laying of water supply pipes is in progress.

➤ Khoshe Site-02

- Retaining wall construction in progress.

(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 4.28: 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 road completed .sewerage work completed.	-Laying of water supply pipes is in progress		Water supply remaining	
2	Khoshe-2	Link-01, Land Development and stone masonry safety wall, RCC sewerage line is completed			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	-Retaining wall construction in progress.		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 4.29: 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 4.30: 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	44.2	197.2	23.0	-	0.18	100.0	23.2

- Gantt chart and S-Curves of Dasu-LBRV-12 shown in Figure 20 and Figure 21

4.9.3 Major Activities of LBRV-12

The major construction activities undertaken during this month were:

(1) At Nasirabad- Site-1

- Plot partition is in progress.
- Minor remaining work of mosque is in progress is in progress.
- Window painting and mirror fixing.

(2) At Nasirabad- Site-2

- Shotcrete for slope protection is in progress.
- Water take construction is in progress.
- Mosque minor repairing is in progress.

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 4.31: 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 retain wall completed. Water tank completed. Sewerage work 100% completed .mosque only door remaining. Slope protection completed; PCC road completed. Mosque completed except window glasses.	-Plot partition is in progress. -Minor remaining work of mosque is in progress is in progress. -Window painting and mirror fixing.			

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
2	Nasirabad-2	Plots development and road completed. Stone masonry retaining wall completed. Septic tank completed .anaerobic tank completed of road completed .mosque completed except window glasses .sewerage work completed. water supply pipes lying completed. Water supply pipes lying completed.	-Shortcrete for slope protection is in progress. -Water tak construction is in progress. Mosque minor repairing is in progress			

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 4.32: 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 4.33: 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	39.5	95.2	66.3	5.00	1.00	90.0	67.3

- Gantt chart and S-Curves of Dasu-PCI-01 R shown in Figure 22 and Figure 23

4.10.3 Major Activities of PCI-01R

The major construction activities undertaken during this month were:

- Internal electrification at project office is in progress.
- Cleaning and clearing of project office in progress.
- Marble minor repairing at project office in progress.
- Curtain wall aluminum work at project office in progress.
- Lawn area excavation and levelling is in progress.
- Internal networking is in progress at project office.
- Electrical pole fixing within the colony is in progress.
- Excavation for water supply pipes within colony is in progress.
- Painting at cat 2 is in progress.
- Boundary wall construction of Cat1 units is in progress
- Painting at cat 1 is in progress.
- Marble grinding and polishing is in progress at cat 1.
- Khaprail tile fixing at sloping roof of cat 1 is in progress.
- Roof treatment of cat 1 is in progress.
- Safety and stair railing painting is in progress at cat 1.
- Ward robe work at cat 1 is in progress.
- Ceramic tile fixing is in progress at cat 1.
- Pcc tile fixing for car porch area of cat 1 is in progress.
- Main sewerage work is in progress.
- External boundary wall construction of colony is in progress.
- Block masonry at cat 3 and cat 4 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 4.34: 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.</p> <p>RESIDENCE CAT-1 frame structure completed. block masonry work completed. Plaster work completed. marble fixing completed. Completed. porcelain tile fixing completed up to 95%. Ceramics tile fixing completed up to 90%.stair marble completed 100%.</p> <p>RESIDENCE CAT-2: Frame structure work completed. RESIDENCE CAT 2. Block masonry completed and plaster work completed. Residence Cat-2A: Frame structure work completed. Residence cat 2A: block masonry work and plaster work completed. Completed. Residence Cat-2B: frame structure and block masonry work completed. plaster work up to 98 % completed. Residence Cat-2C: frame structure and block masonry completed. Residence Cat-2D: Farm structure and block masonry completed. Cat-3A: frame structure completed. Cat-3B: frame structure completed except part 1, 2 f/f. 3C: ground floor slabs completed. Cat-3D: Footing, g/f columns & RCC retaining walls completed Cat-4A: frame structure completed. 4B: frame structure completed. Stone masonry & RCC retaining walls completed. Cat-4C: frame structure completed except f/f slab part 1, 2 and 3. P1 Road-RCC retaining Wall concrete, backfilling and stone masonry parapet wall is completed. Community Center block masonry under plinth completed.</p>	<ul style="list-style-type: none"> • Marble grinding and polishing work at project office is in progress. • Internal electrification at project office is in progress. • Painting is in progress at project office. • Cleaning and clearing of project office in progress. • Marble minor repairing at project office in progress. • Curtain wall aluminum work at project office in progress. • Plinth protection work is in progress at project office. • Internal networking is in progress at project office. • Electrical pole fixing within the colony is in progress. • Excavation for water supply pipes within colony is in progress. • Plaster work is in progress at cat 2D. • Painting at cat 2 is in progress. • Boundary wall construction of Cat1 units is in progress • Painting at cat 1 is in progress. • Marble grinding and polishing is in progress at cat 1. • Khapraail tile fixing at sloping roof of cat 1 is in progress. • Roof treatment of cat 1 is in progress. • Safety and stair railing painting is in progress at cat 1. • Ward robe work at cat 1 is in progress. • Ceramic tile fixing is in progress at cat 1. • Pcc tile fixing for car porch area of cat 1 is in progress. • Main sewerage work is in progress. • External boundary wall construction of colony 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 4.35: 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 4.36: 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	38.5	214.5	39.0	-	0.16	100.0	39.2

- Gantt chart and S-Curves of Dasu-RV shown in Figure 24 and Figure 25

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

- Stone masonry breast wall is in progress.
- Retaining wall of mosque is in progress.

- Septic tank construction is in progress.
- Pcc road construction is in progress.

(3) Kuz Choochang Site Upper & Lower Portions

- Retaining wall work 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 4.37: 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.	<ul style="list-style-type: none"> • Stone masonry breast wall is in progress. • Retaining wall of mosque is in progress. • Septic tank construction is in progress. • Pcc road construction is in progress. 	Punch list work is remaining.	Nil	Nil
4	Choochang-2	Nil	Not yet started	Work stopped due to non-availability of Access road land.	Access is required	Nil
5	Choochang-3	Nil	Not yet started	Work stopped due to non-availability of Access road land.	Access is required	Nil
6	KUZ Choochang lower portion & upper portion	Excavation for plot is completed at lower Kuz Choochang	Breast wall construction 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 4.38: 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 4.39: 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	27.4	44.9	4.2	0.51	0.20	6.9	4.4

- Gantt chart and S-Curves of Dasu-EM-01 shown in Figure 26 and Figure 27

4.12.3 Major Activities of EM-01 (Civil Works)

4.12.3.1 Civil Works

Terrace # 8 Backfilling / Compacting, leveling, was completed. On August 6, 2022.

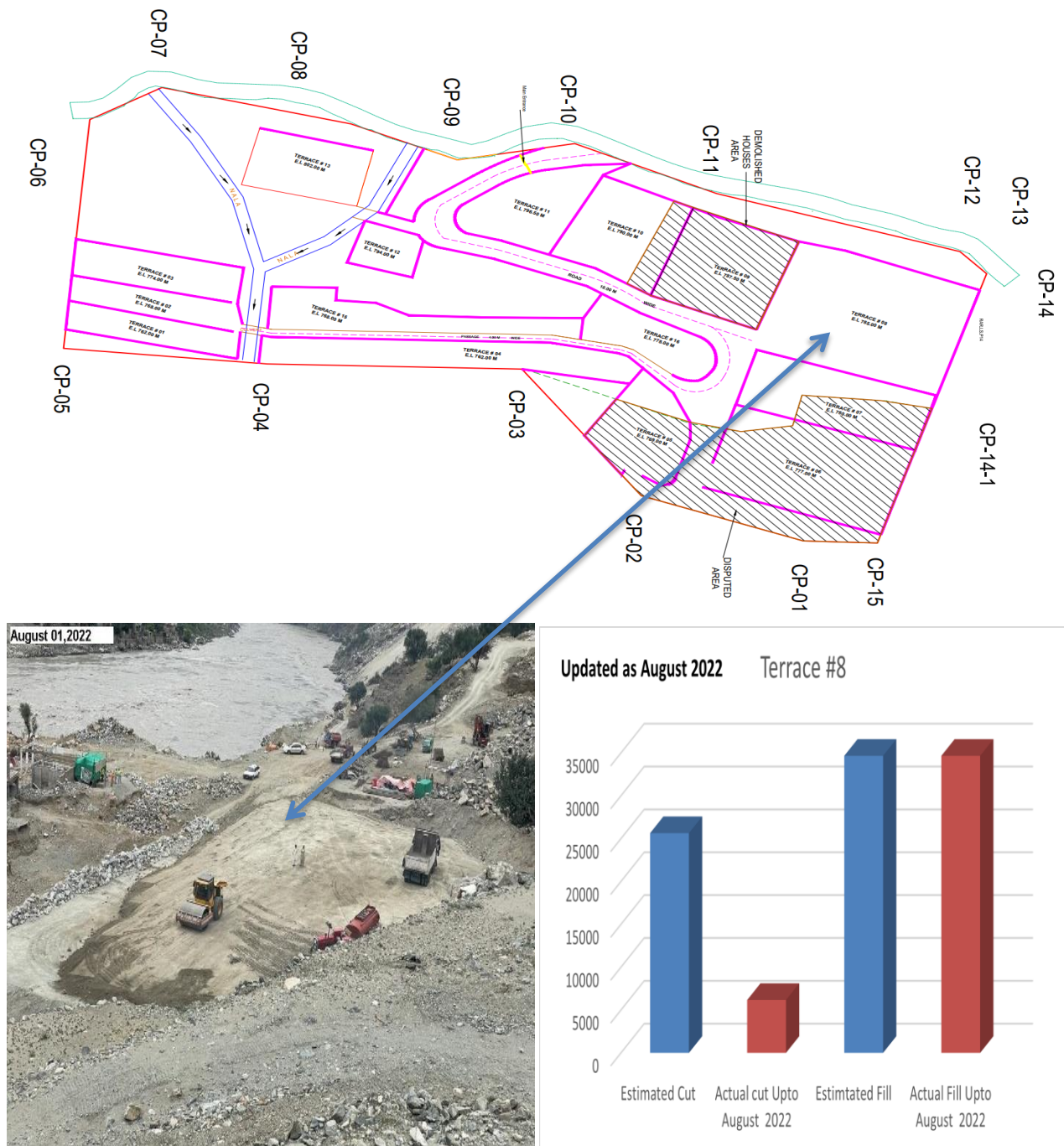


Figure: Terrace # 8 Cut and Fill

Terrace#11 Excavation was in progress.

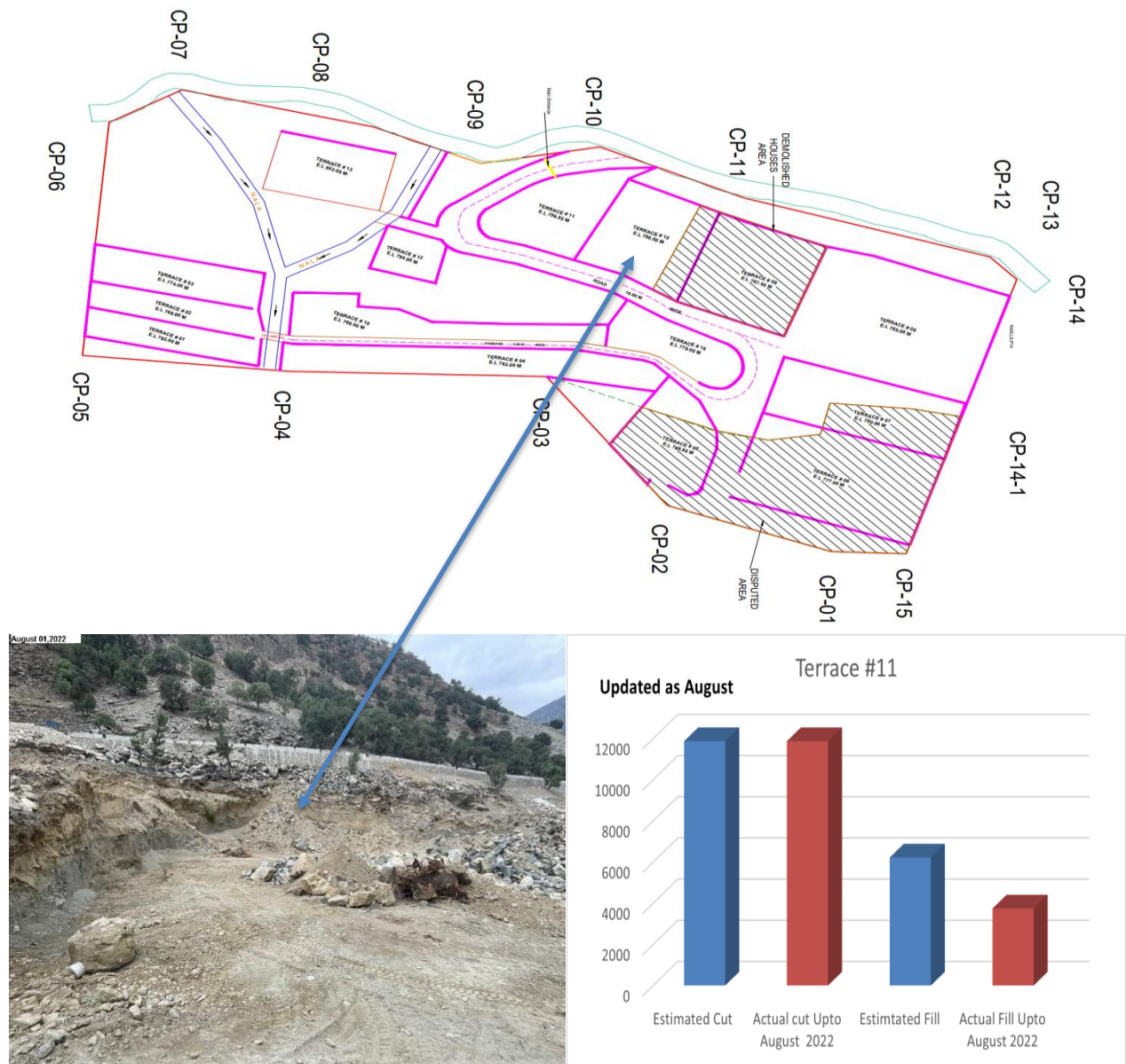


Figure: Terrace # 11 Cut and Fill

Backfilling by layer Including Cut and Fill Quantities.

Location	Total Cut Volume M ³	Total Fill Volume M ³	Total Cut Volume M ³ Up to August	Total Fill Volume M ³ Up to August	Completed Cut Volume M ³ (August 2022)	Completed Fill Volume M ³ August 2022	Cut (%)	Fill (%)
Kass Camp/Civil Work	89,441.9	58,176	63750.05	57580	3523.00	6447.00	71.2	98.9

There is a 72% difference in the current volumetric cut and fill. (71.2 / 98.9)

FDT Tests.

FDT TEST RESULTS			
S.NO.	LOCATION	DATE	RESULT %
1	Terrace No. 8	04-08-2022	93

The results to be reviewed and verified.



Figure 1 FDT Test for Terrace # 8

Demolishing of Locals residential houses

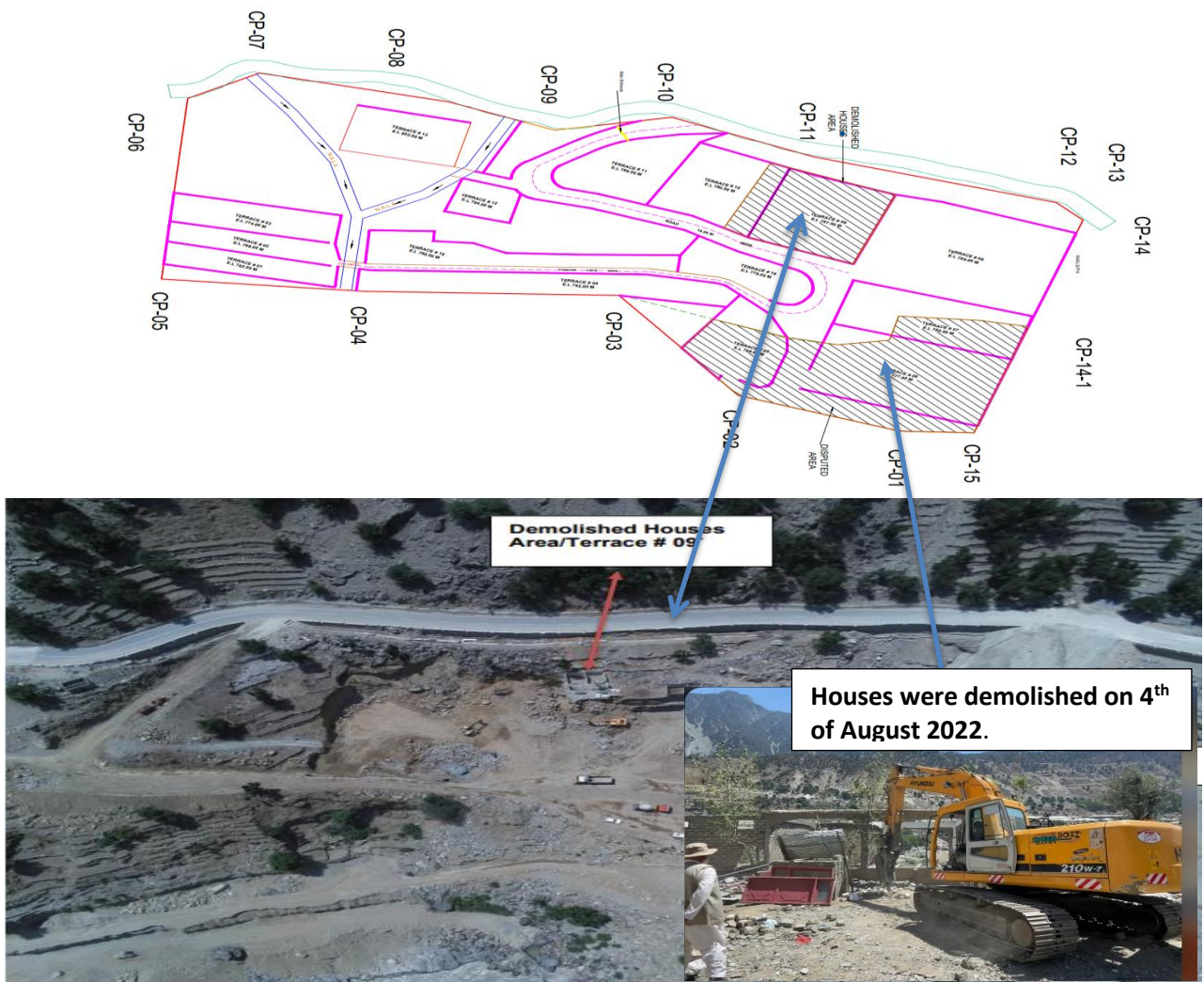


Figure: Demolishing of Locals residential houses

Terrace # 12 was completed on 5th of August 2022.

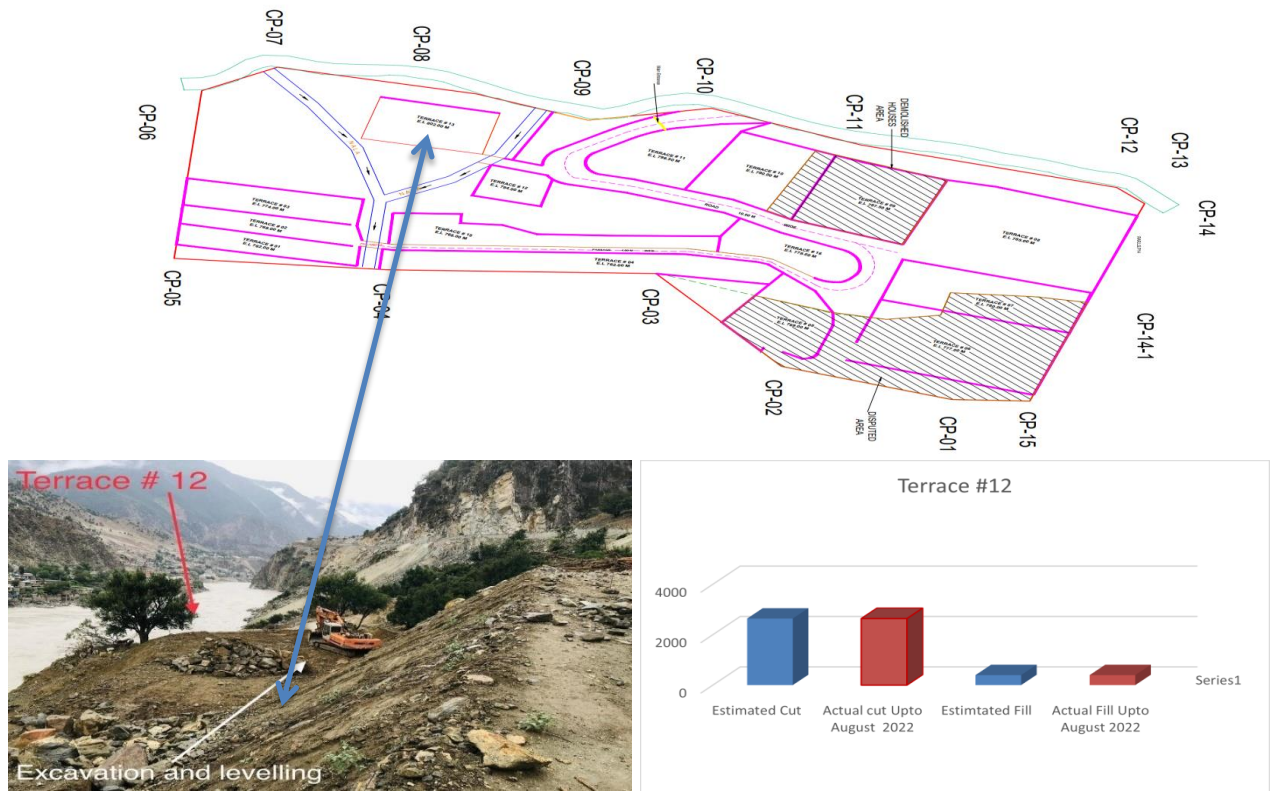
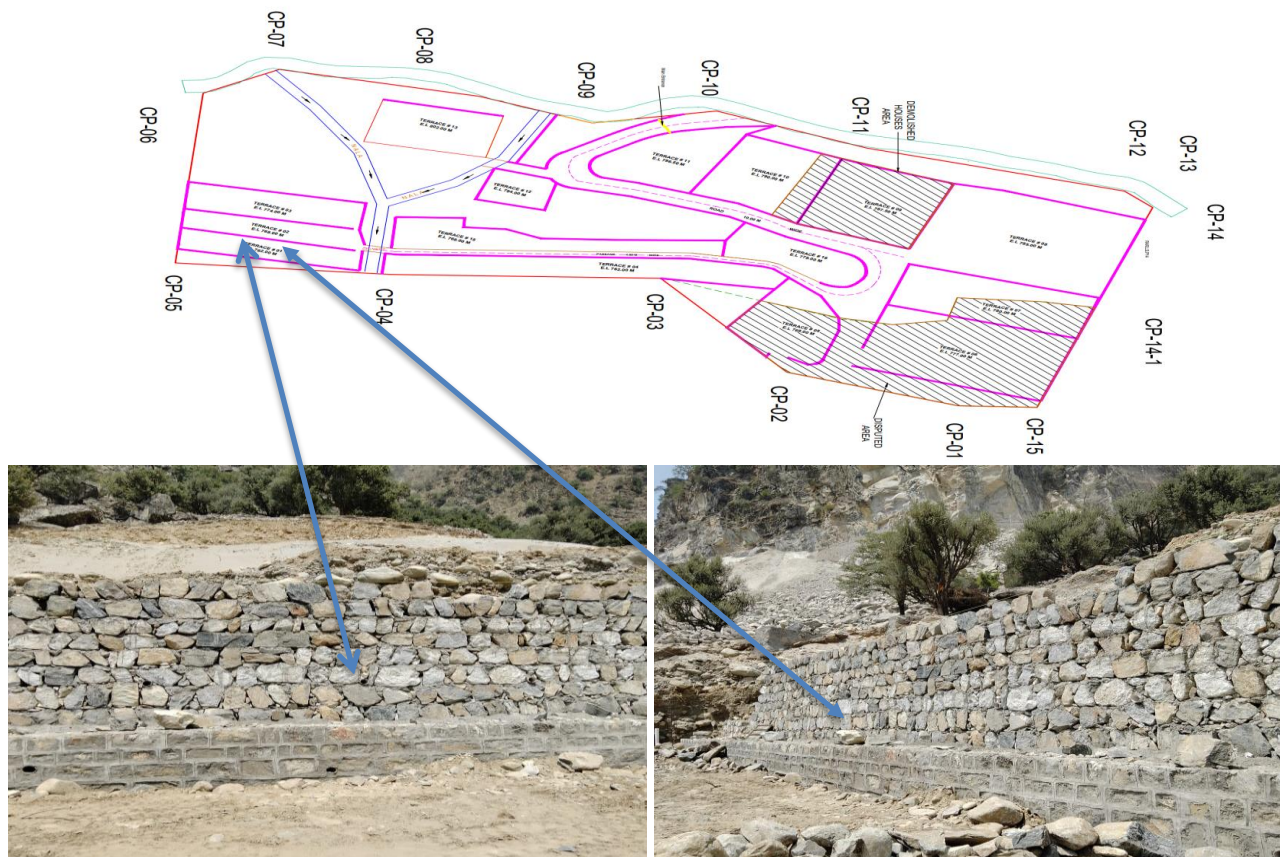


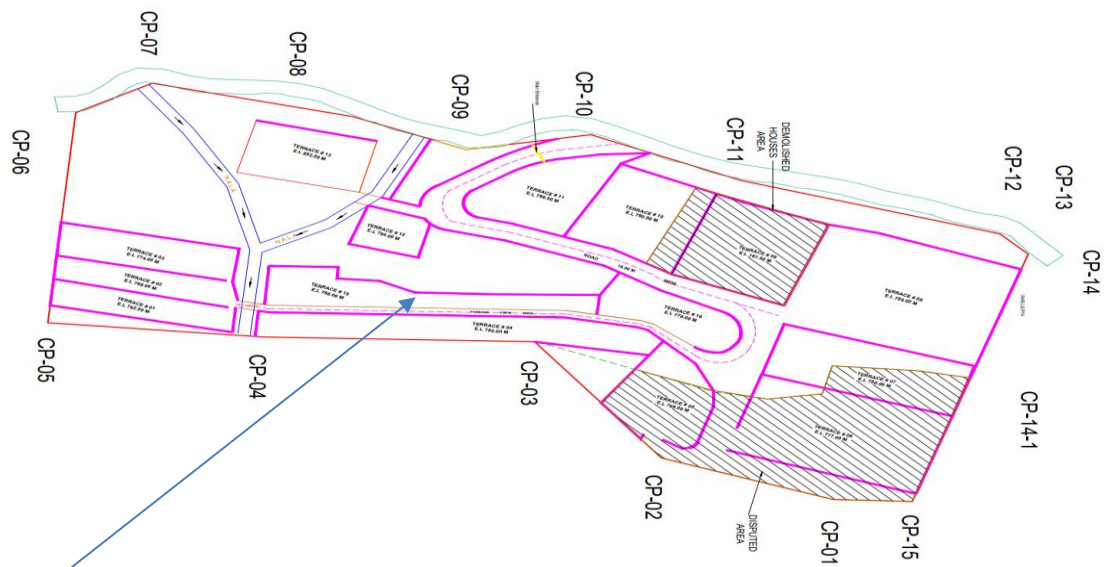
Figure: Terrace 12 Cut and Fill

Terrace #2 Boundary wall stone masonry



Terrace # 2 boundary wall stone masonry, was suspended on the 10th of August 2022 by locals due to demanding of a subcontract from the Main Contractor.

Terrace #4 Boundary Wall Stone Masonry



Terrace#4

Boundary wall stone masonry was suspended 10th of August 2022 by locals due to demanding of a subcontract from the Main Contractor.



Terrace#4 Stone masonry was suspended due to the subcontracting by Locals

4.12.3.2 Preparatory Works

- Land was handed over on the 9th of April 2022.
- Excavation/Cutting of Terrace #11 was in progress (up to August 10th, 2022).
- FDT tests were conducted in the Month of August 2022. (Only one Test was Conducted)
- Backfilling/filling of Terrace # 8 was completed on 4th of August 2022.
- Excavation and Leveling of Terrace #12 was on 5th of August 2022.
- Access Road to Camp Area: Surface Excavation Completed.
- Excavation and leveling of Terrace #7&6, was Completed
- The Work was suspended due to local Interruption on 10th August 2022 till Date.



4.12.4 Equipment Detail

List of Machinery/ Equipment				
S/No.	Description	Type	Quantity	After suspension of work
1	Excavator Volvo	Tyre	01	01
2	Excavator Hitachi	Chain	01	01
3	Excavator Hyundai	Chain	01	00
4	Dozer	Chain	01	01
5	Roller	Tyre	01	00
6	Tractor	Tyre	02	02
7	Dumper		02	01
8	Water Bowser	Tyre	02	00
9	Concrete Mixer	Automated	01	02
10	Pick up	Suzuki	01	01
11	Car	Corolla	01	01
12	Total Station	Nikon	01	01

4.12.5 Manpower

B	Manpower		
1	Site Manager		00
2	Civil Engineer		01
3	Site Supervisor		01
4	Surveyor		00
5	Survey Assistant		00
6	Excavator Operator		02
7	Excavator Operator Helper		01
8	Roller Operator		00
9	Dozer Operator		01
10	Driver		02
11	Skilled Labor		01
12	Unskilled Labor		02

4.12.6 Graphs

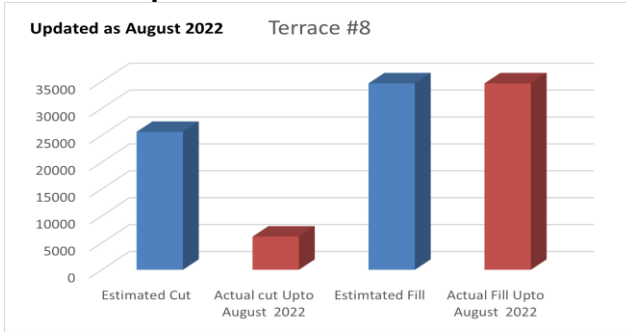


Figure: Terrace # 8

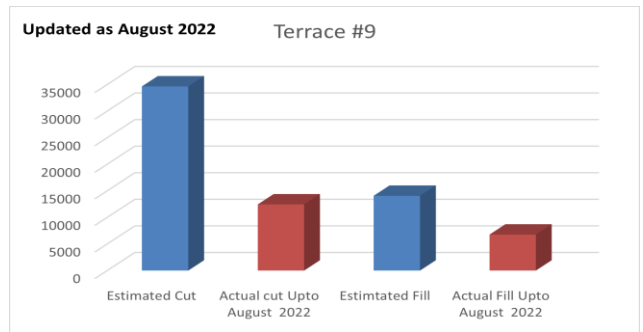


Figure: Terrace # 9

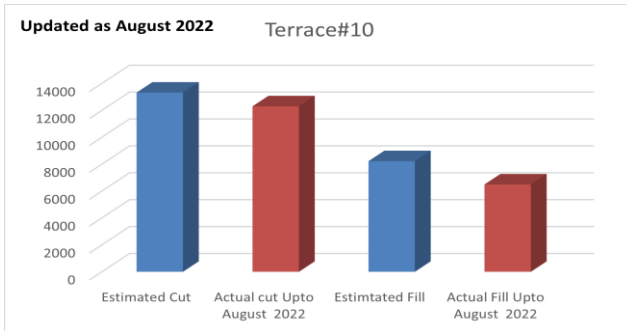


Figure: Terrace # 10

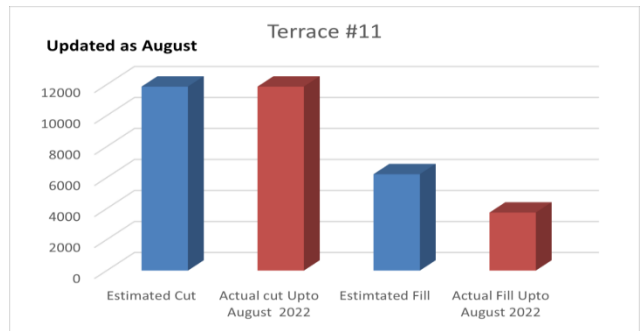


Figure: Terrace # 11

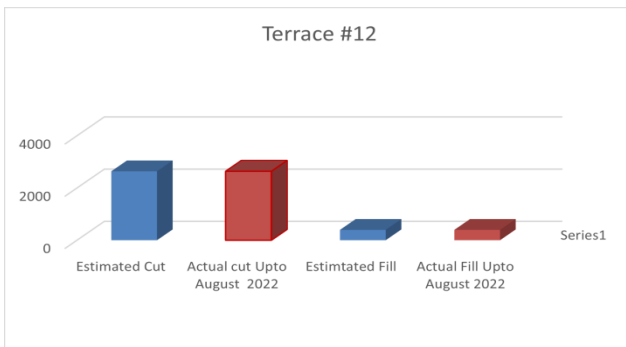


Figure: Terrace # 12

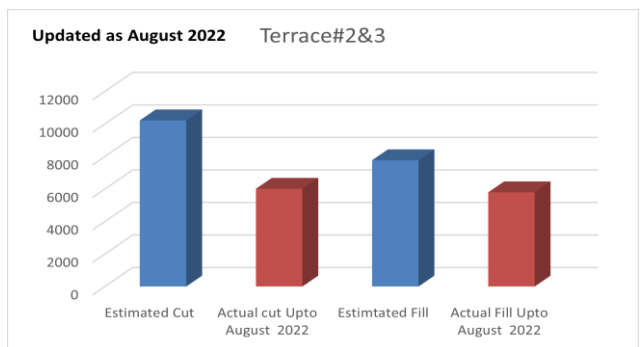


Figure: Terrace # 2/3

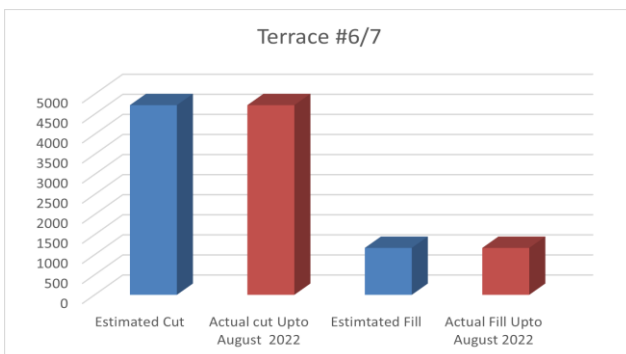


Figure: Terrace # 6/7

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
		Mobilization Advance		0	0	0	10.04.2015	284,715,484	777,495	167,799,158
1										
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	41,394,136	220,243	27,050,074
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	39,167,659	184,398	28,932,162
132	095	Jun-22	PKR Remuneration 22.07.2022 & JPY & EURO 05.08.2022	53,592,870	221,575	35,932,989				
133	Supplementary Invoice	Supplementary March 2022 Inv # 092	PKR Reimbursable 25.08.2022			422,415				
134	096	Jul-22	PKR Remuneration 26.08.2022			35,580,288				
135										
Total				3,309,165,419	9,872,778	4,768,417,549		2,382,165,662	7,442,492	3,299,776,051

NOTE:

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

5.2 Detail of Land Acquisition & Compensation Payment Status to DC

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

Table 5.1: Tentative Cost of Land Acquired

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

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

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

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

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285	13/02/2020	Logro Reservoir Area-1	2019-20	7,295,563
286	13/02/2020	Barseen Contractor Camp Area	2019-20	1,151,677
287	13/02/2020	Seer Gayal RAR-02	2019-20	272,513
288	13/02/2020	Looter to Shukrait Nullah (KKH-02)	2019-20	181,960
289	13/02/2020	Kandia Bridge to Dandar (RAR-02)	2019-20	77,120
290	13/02/2020	Dandar to uthoor Nullah (RAR-02)	2019-20	96,679
291	13/02/2020	Kaigah Access road & Spoil dumping area-2	2019-20	470,172
292	13/02/2020	Looter reservoir area-2	2019-20	222,214
293	13/02/2020	Kaigah Reservoir area (Tatta Pani)	2019-20	204,864
294	24/02/2020	RAR-02 Dogah	2019-20	27,638,450
295	24/02/2020	KKH-02(Kaigah to Awai) Part-1	2019-20	3,348,658
296	24/02/2020	Kaigah Access Road & Dumping area-01	2019-20	2,392,969
297	24/02/2020	Kaigah Reservoir area (Tatta Pani)	2019-20	830,000
298	24/02/2020	KKH-02(Kaigah to Awai) Part-1	2019-20	658,080
299	24/02/2020	Zhongmei explosive magazine Barseen	2019-20	2,000
300	25/02/2020	Kotgal Reservoir Area(RAR-02)	2019-20	24,530,126
301	25/02/2020	Kotgal Reservoir Area(RAR-02)	2019-20	7,476,580
302	25/02/2020	Looter Reservoir Area-01	2019-20	1,111,360
303	25/02/2020	Looter Reservoir Area-02	2019-20	198,132
304	05/03/2020	Kaigah Access Road & Dumping Area-01	2019-20	62,054,228
305	05/03/2020	Viz Kaigah Reservoir Area(Tatta Pani)	2019-20	47,017,152
306	05/03/2020	Tailrace AT Kuz Chuchang	2019-20	38,116,451
307	05/03/2020	Kandia Bridge to Dandar(RAR-II)	2019-20	19,425,418
308	05/03/2020	RAR-02 Komah	2019-20	15,750,337
309	05/03/2020	RAR-02 Komah	2019-20	7,984,191
310	05/03/2020	Viz Dandar to Uthoor	2019-20	3,718,056
311	05/03/2020	Kotgal Reservoir Area	2019-20	89,039,872
312	05/03/2020	Largani Reservoir area-1	2019-20	12,711,751
313	05/03/2020	Uchar contractor camp No.2 (Thoki)	2019-20	54,073,119
314	05/03/2020	Kandia Bridge to Dandar(RAR-II)	2019-20	38,177,960
315	13/03/2020	Addl. Land KKH-01 Zero Point	2019-20	274,088
316	19/03/2020	KKH-01, Part 1 (Kaigah to Awai)	2019-20	75,010,953
317	19/03/2020	RAR-02 Komah	2019-20	23,317,710
318	19/03/2020	Reservoir area(tatta pani)	2019-20	3,704,779
319	19/03/2020	Zongmei explosive magazine	2019-20	21,997,858
320	20/03/2020	KKH-02 Part-1 (Kaigah to Awai)	2019-20	8,135,120
321	20/03/2020	RAR-02 (Doga)	2019-20	33,920,622
322	15/06/2020	Addl. Land in Kumaro Nalah (RAR-01)	2019-20	6,239,358
323	15/06/2020	Barseen Dumping & Reservoir area	2019-20	392,115,653
324	15/06/2020	Sazeen Das Limit to Sazeen Nalah File No. 01	2019-20	132,784,379
325	15/06/2020	Reservoir (Jhali Nala to Komah Nala)	2019-20	113,309,762
326	29/06/2020	Access Road to Resettlement Site (Dhaat-3)	2019-20	9,279,175
-	-	Total Amount Released in FY 2019-20		2,968,389,280
327	14/07/2020	Shuri Das Access road	2020-21	16,550,382
328	17/07/2020	Pani Bah Reservoir	2020-21	358,605,821
329	17/07/2020	Barseen Baily Bridge Site-II	2020-21	172,847,803
330	17/07/2020	Sigloo Blasting Area	2020-21	32,603,566
331	17/07/2020	Addl. Land KKH-01 (K-3 Tunnel)	2020-21	5,100,448
332	04/08/2020	Chilashi to Looter Reservoir Area	2020-21	249,485,714
333	04/08/2020	Logro Reservoir Area-2	2020-21	80,837,537
334	04/08/2020	Kaigah Quarry Area-2	2020-21	56,140,028
335	04/08/2020	Uchar Crushing Plant	2020-21	26,249,159
336	04/08/2020	Additional Land for Grid Station Chuchang	2020-21	15,134,498
337	04/08/2020	Barseen Contractor Camp	2020-21	33,878,313
338	04/08/2020	Looter Reservoir	2020-21	1,442,739
339	07/08/2020	Dumping Area Summar Nullah	2020-21	76,382,222
340	14/10/2020	Pani Bah Reservoir Area-2	2020-21	232,970,420
341	14/10/2020	Uchar logro	2020-21	103,839,286
342	14/10/2020	Siglo-3	2020-21	75,775,648
343	14/10/2020	Lor Summar Nullah to Sazeen Limits	2020-21	73,483,857
344	14/10/2020	LoR Shuri Nullah To Summar Nullah	2020-21	65,843,126
345	14/10/2020	LoR Sazeen Nala To Shatial Limits (File-1)	2020-21	48,282,768
346	14/10/2020	Addl. Land Tailrace Area at Kuz Chung	2020-21	21,973,117
347	14/10/2020	Sigloo-1 (File-2)	2020-21	11,144,393
348	14/10/2020	Addl. Land RAR-01(ZAAL)	2020-21	1,965,761
349	14/10/2020	Addl. Land of Rango Bypass	2020-21	1,203,203
350	14/10/2020	Siglo-2 (File-3)	2020-21	118,507,107
351	14/10/2020	Seer Gayal (RAR-02)	2020-21	14,776,899
352	14/10/2020	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	Millar to Dogah Nallah File-2	2020-21	53,466,312
560	31/05/2021	Millar to Dogah Nallah (File-1)	2020-21	20,784,397
561	31/05/2021	Millar to Dogah Nallah File-3	2020-21	7,451,071
562	31/05/2021	Lachi Nala File-2	2020-21	178,452
563	31/05/2021	Millar to Dogah (FILE-3)	2020-21	3,199,854
564	31/05/2021	Dogah Nallah to Gayal Limit (File-2)	2020-21	837,835
565	31/05/2021	KKH-01 Additional Land K-3 Tunnel Sliding Area	2020-21	64,674
566	19/05/2021	Addl. Land Kumaro Nallah	2020-21	530,880
567	18/06/2021	Millar Reservoir Area	2020-21	116,825,717
568	18/06/2021	Salich Bridge to Kotgal	2020-21	81,366,218
569	18/06/2021	Natbail to Bair Kandia Reservoir Area	2020-21	47,982,311
570	18/06/2021	Siglo-1 File-1	2020-21	5,631,974
571	18/06/2021	Gadeer Reservoir Area (File-1) Part-1	2020-21	489,022
572	28/06/2021	Kotgal-2 Kandia Reservoir	2020-21	23,325,036
573	28/06/2021	Baily Bridge Barseen Komah Site-1	2020-21	15,120,314
574	28/06/2021	Jhali Nallah to Komah Nullah	2020-21	10,729,419
575	28/06/2021	Millar Reservoir Area	2020-21	8,239,075
576	28/06/2021	Dandar Reservoir Area	2020-21	7,839,952
577	28/06/2021	Dogah End Point to Gayal (File-3)	2020-21	5,504,587
578	28/06/2021	Dogah Nala to Gayal Limit (File-1)	2020-21	5,498,698

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

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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 – Personal Injury (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	9	7	17	0	0	0	0	17
KKH-02	0	0	0	0	0	0	0	0	0
RAR-01	1	8	3	12	0	0	1	1	13
RAR-02	0	1	0	1	0	0	0	0	1
132kV TL	2	1	0	3	0	0	0	0	3
MW-01	2	42	4	48	0	2	0	2	49
MW-02	1	15	4	20	0	0	0	0	20
LBRV-11 &12	2	1	1	4	0	0	0	0	4
PCI-01R	3	6	1	10	0	1	0	1	11
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	6	3	9	0	0	0	0	9
PMU	0	1	0	1	0	0	0	0	1
Total	13	92	23	128	0	3	1	4	132

* 3 LTIs is associated with the incident

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	0	0	0	0	1	0	0	0	1
RAR-02	0	0	0	0	0	0	0	0	0
132kV TL	0	0	0	0	0	0	0	0	0
MW-01	0	0	0	0	0	0	0	0	0
MW-02	0	0	0	0	0	0	0	0	0
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	0	0	0	0	1	0	0	0	1

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	16	12	28	0	0	0	28
KKH-02	0	0	0	0	0	0	0
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	17	23	0	1	1	24
MW-02	3	7	10	0	0	0	10
LBRV-11/12	0	6	6	0	0	0	6
PCI-01R	0	1	1	0	0	0	1
Dasu-RV	0	0	0	0	0	0	0
LADP-IKAN	0	0	0	0	0	0	0
DHC	3	6	9	0	0	0	9
Total	32	55	87	0	1	1	88

*1 Denotes serious potential/act to cause major accident associated with damage to structures/plant/environment or human health systems

Denotes damage associated with financial/insurance requirements

6.1.1 Description of Incidents/Accidents

Date of Incident	Location of Incident	Contract	Description of Incident	Category	Corrective Action	Status
19 th Aug 2022	Cat-1 Part-H (8) – Ground Floor Roof	PCI-01	The workers were installing thermophore sheets on the Ground Floor roof on 19 th of August, 2022. Injured worker was also among them. At around 05:00 pm high winds started blowing. Injured worker was manually lifting a thermophore sheet over his head and transporting it for installation. Due to the high winds, he lost control of the sheet which led to him losing his balance and he fell down on the hard roof. His head struck against some sharp object and he received a deep cut on right side of his forehead.	1 (LTI)	Ensure competent supervision of work activities. Ensure communication of hazards related to working in high winds Provision of adequate training about manual handling to workers during extreme weather.	Open

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			He was shifted to DHQ Dasu for treatment. The doctor examined the cut and stitched the wound and recommended 2 days of bed rest for recovery.			
13 th Aug 2022	Shear zone DTB	MW-01	In DTB Shear Zone the workers were engaged in installation of steel for the concrete lining of tunnel arch. The steel rebars were arranged on the top of the formwork for fixation. The workers use to pull bars from the stock and installing them. While pulling out a piece of steel rebar, from the formwork at upper level, the rebar slipped and fell down and hit two workers down. The rebar struck the head of Workers 1 and bleeding was started while Worker 2 remained unconscious but have no physical injury. Both workers were shifted to CR9 first aid clinic and then to DHQ hospital for further examination. They were referred to tertiary care hospital for further diagnosis. After detailed examination and treatment they were discharged from the hospital.	2 (LTI)	RCA is submitted by the contractor via letter# CGGC/MW-01/HSED/DHC-2840 on 27 th Aug 2022 has been rejected by the DHC to submit the revised report with accurate corrective action	Open
10 th Aug 2022	Komila Bypass K1+025	RAR-01	On 10 th August 2022 rock blasting was carried out at Komila Bypass K1+025. The total number of bare holes was 56, containing 0.39 kg per hole explosive. Two holes were in the parallel Direction and rock nature was decomposed and cracked. The workers were unable to stem the explosive due to the unavailability of the standing area/platform nearby. The stemming was carried out at all other bare holes. Sandbags were used to prevent the fly rock. The area nearby 100 m has been evacuated. Due to its intense nature, several rocks fly over the 100 m area and fell into the Frontier Constabulary camp, which was located about 180 meters downwards from the blasting area. A fly rock struck the Frontier Constabulary personnel and he received a cut on the knee of the left leg . The Victim was immediately shifted to DHQ Hospital Dasu for further treatment.	MTC	SOP-8 Drilling and blasting should be interpreted and implemented Provision of adequate training for the blasting procedures Job hazard analysis should be carried out All blasters should obtain license/training certificates from the competent authority	Closed

6.1.2 Description of Incidents/Accidents (Non-Work Related)

Date of Incident	Location	Contract	Description of Incident	Category	Reporting/ Corrective Action	Status
21 st Aug 2022	Near Zaal Camp	RAR-01	A survey helper was hit by naturally sliding boulder on the road and died at the spot when he was coming to Zaal Camp from his home to join duty on 21 st Aug 2022 at around 6:55am. According to the investigation report two survey helpers were commuting by bike. Helper 1 was driving the bike while Helper 2 was sitting behind when they reached near Zaal camp, a boulder slide from mountain and hit Helper 2 in his head. Helper 2 got severe head injury and succumbed to spot death. Helper 1 got abrasion on right arm and right leg and received first aid at Zaal clinic. While the dead body of Helper 2 was shifted to DHQ Dasu for further legal proceeding.	Fatal	Provision of a mini bus transport to all workers to minimize the travel on the motorbike - the riding in tandem (Provide plate number of the minibus and registration or lease contract agreement). Identify workers that are licensed motorbike drivers and issue approve head protection helmet. (Provide matrix names and copies of licenses of this motorbike drivers and the helmet issued). Issue a memo letter to all workers stating that accommodation is provided to all workers and CCECC discourages the workers to travel home daily especially those who are residing in Dasu (provide copy of this memo). Issue a memo letter to stop any work activities and travels within in Dasu during severe rain and high wind/ adverse weather condition (provide copy of this memo).	Closed

6.1.3 Property damage

Date of Incident	Location	Contract	Description of Incident	Category	Reporting/ Corrective Action	Status
10 th Aug 2022	New Crush Plant	MW-01	On 10.08.2022 at 01:00am, dumper 1D23 was working at near Uchar new crushing plant, at the access road Uchar, while turning the vehicle it was flipped on ground to one side. The driver remained safe. There is small dent at the left side of dumper cabin and it was dived from site due to congested access.	Minor		Open

6.1.4 Natural disaster/ Flood

Date of Incident	Location	Contract	Description of Incident	Category	Reporting/ Corrective Action	Status
25 th August 2022	Uchar Nullah, KKH	MW-01, KKH-01, LBRV-11/12	On 25 th August 2022, a heavy flood occurred in Uchar Nullah beside CCECC & Zhongmei Camp and catchment area and eroded KKH bridges due to which the project area has been isolated. The water level in Indus River also increased and crossed the coper dams at DTA and DTB	Major	• Flood alert warning was issued, Control room for flood monitoring and reporting was already established at WAPDA office	Closed
17 th August 2022	Uchar Nullah	MW-01, KKH-01, LBRV-11/12	On 17 th August 2022 at about 6:00 am, a heavy flood occurred in Uchar Nullah beside CCECC & Zhongmei Camp and catchment. Uchar Nullah creek and mudflow made a heap in front of river Indus, causing increased of water level on	Major	• Flood alert warning was issued	Closed

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			upstream side of Uchar Nullah which eventually reduced the flow of Indus water. The flood eroded temporary access recently developed by FWO and CCECC camps submerged in water. Beside that flood badly affected CR2 area, DTA inlet, CCGGC Pakistani camp at Uchar, crushing plant etc.			
12 th August 2022	Uchar Nullah	KKH-01, LBRV-11/12	On 12 th August 2022 at about 7:20 am, a heavy flood occurred in Uchar Nullah beside CCECC & Zhongmei Camp and catchment area and eroded baily bridge recently developed by FWO.	Major	RCA is submitted indicating the following measures <ul style="list-style-type: none"> • Emergency siren was blown when the flood noise aired. • All employees were evacuated from camp to existing KKH. • Monitored the flood in Uchar Nullah and river level. • Flood warning notice issued and employees are instructed to avoid sitting near Uchar Nullah and Bank of river. • The contractor already had submitted a plan to construct a concrete wall toward river to protect the camp and other Construction facilities at Uchar. • A mock evacuation drill must be arranged. 	Closed
1 st August 2022	Uchar Nullah	KKH-01, LBRV-11/12	On 1 st August 2022 at about 1:47 am, a heavy flood occurred in Uchar Nullah beside CCECC & Zhongmei Camp and catchment area and eroded KKH bridge.	Major	RCA is submitted indicating the following measures <ul style="list-style-type: none"> • Emergency siren was blown when the flood noise aired. • All employees were evacuated from camp to existing KKH. • Monitored the flood in Uchar Nullah and river level. • Flood warning notice issued and employees are instructed to avoid sitting near Uchar Nullah and Bank of river. • The contractor already had submitted a plan to construct a concrete wall toward river to protect the camp and other Construction facilities at Uchar. • A mock evacuation drill must be arranged. 	Closed

6.1.5 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	LBRV 11/12	RAR-02	KKH-02	EM-01	DHPP Total	Target
Number of Staff/Workers	309	433 ¹	106	245	40	888	888	132	0	119	206	28	3394	
Recordable Injuries & Illness (RI)			1	0	0	2	0	1	0	0	0	0	4	
Incidence Rate (TRIR, monthly) *			0.79	0	0	0.18	0	0.63	0	0	0	0	0.09	
TRIR (Year-to-date)														1.25 ¹¹
Fatality Case			0	0	0	0	0	0	0	0	0	0	0	
Fatality Frequency Rate (FFR)			0	0	0	0	0	0	0	0	0	0	0	
Lost time injuries (LTI)			0	0	0	2	0	1	0	0	0	0	3	
LTI Frequency Rate (LTIFR monthly) **			0	0	0	0.18	0	0.63	0	0	0	0	0.07	1.0 ²
First-Aid Cases (FAC)			0	0	0	1	0	0	0	0	0	0	1	
FAC frequency rate (FACFR, monthly)			0	0	0	0.09	0	0	0	0	0	0	0.02	
Medical Treatment Cases (MTC)			1	0	0	0	0	0	0	0	0	0	1	
MTC frequency rate (MTCFR, monthly)			0.79	0	0	0	0	0	0	0	0	0	0.02	
Near-miss Incidence (NMI, monthly)			0	1	0	0	0	3	0	0	0	0	4	
NMI Investigated & corrective actions taken			0	1	0	0	0	3	0	0	0	0	4	
% NMI closed			0	100	0	0	0	100	0	0	0	0	100	100% ³
COVID19 cases		9	0	0	0	0	0	0	0	0	0	0	9	
COVID-19 per 100 workforces (CFR)		2.08	0	0	0	0	0	0	0	0	0	0	0.27	
No of OHS AFI attended by DHC			0	3	0	7	7	0	0	0	0	0	17	
No. of AFI approved			0	3	0	3	2	0	0	0	0	0	8	
No. of OHS EI issued by DHC			0	0	0	1	1	0	0	0	1	0	3	
NO of EI Closed			0	0	0	0	0	0	0	0	0	0	0	
% of OHS EI closed			0	0	0	0	0	0	0	0	0	0	0	
No. of OHS Training		5	3	6	4	11	45	3	0	0	0	3	80	
Training (No. Attendees)		29	42	37	43	174	994	67	0	0	0	37	1423	
No. of OHS NCR issued			1	0	0	1	0	1	0	0	0	0	3	
No. of OHS NCR closed			0	0	0	0	0	0	0	0	0	0	0	
% of NCR Closed			0	0	0	0	0	0	0	0	0	0	0	
No. of Toolbox Talks (TBT) by Contractors			24	14	14	496	496	12	0	0	0	8	1064	
TBT Participants of Contractors			338	51	130	14880	14880	280	0	0	0	108	30667	
No of OHS walk-through-Inspections by														
Contractor Management/ Senior Staffs			1	4	0	5	5	3	0	0	0	1	19	
DHC Management/ Senior Staffs			0	0	0	1	1	1	0	0	0	0	3	
DHC Supervisors			14	20	2	58	53	30	0	4	0	0	181	
Contractor Supervisors			0	39	1	31	31	14	0	0	0	3	119	
Unsafe Acts identified by DHC			0	2	0	13	15	12	0	0	0	0	42	

¹ DHC regular employees=353, daily wages=80, Total=433

Unsafe Conditions identified by DHC			4	6	2	21	45	17	0	0	0	0	95
No of Joint Inspections Conducted			0	0	0	1	1	1	0	0	0	0	3
¹ DHPP TRIR Target for 2022 (assumed), ² DHPP Lost Time Injury Frequency Rate (LTIFR) Target 2022, ³ % NMI Closer Target within 30 days, ⁴ COVID-19 Frequency Rate (number of cases per 100 workers/staffs). [*] IR = $\frac{\text{Recordable Incidences}}{\text{Total man hours worked per month}} \times 16,000$													

***Please Note:**

No data from KGL, IKAN, LBRV11/12, RAR-02 & KKH-02 Contractors received for the KPI data set for August 2022. This illustrates discontinuity associated with Contractor submitted data.

6.2 Safety Performance

In August 2022, 03 LTIs, 1 MTC and 1 first aid cases were recorded.

6.2.1 Injuries and Illness Performance

Total recordable injury and fatalities during the reporting month were four and one first aid case was recorded. Out of which, there were three LTIs reported from PCI01 and MW01, respectively. As a consequence, monthly TRIR, LTIFR & FACFR of DHPP for August 2022 are estimated as 0.09, 0.07 and 0.02.

6.2.2 Unsafe Condition, Unsafe Act and Near-Miss

42 unsafe acts, 95 unsafe conditions and 4 near misses were identified during the reporting month including LADP project. Most of UA, UC and NM are related to MW-01 and MW-02 contracts.

Figure below presents contract wise unsafe acts, conditions and near misses during the reporting month.

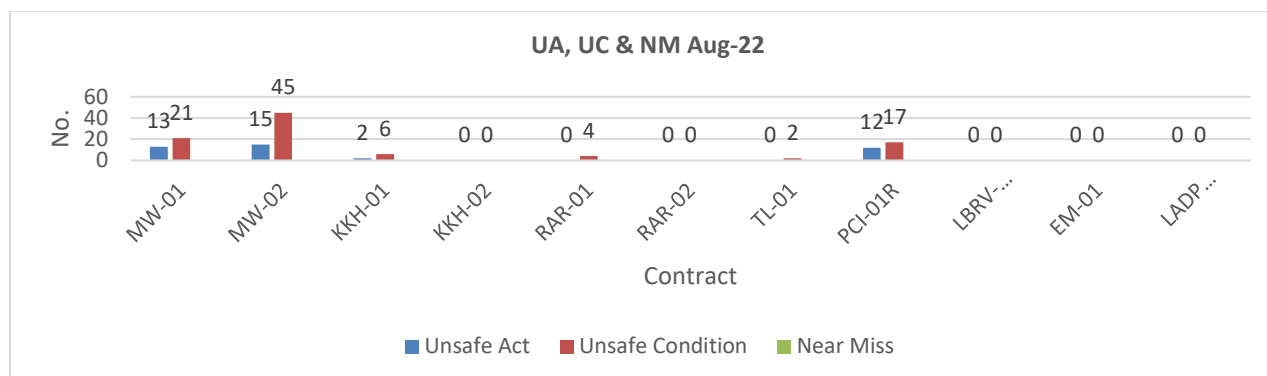


Figure: Contract-wise unsafe acts and conditions

6.2.3 Monthly OHS Progress Review Meeting

In August 2022, the Monthly Progress Review Meeting was limited to KKH-01, RAR-01 and TL-01 due to the spike of COVID-19 outbreak. However, below table present the overall status of monthly OHS MOM for August 2022. All Contractors were instructed to close the remaining issues as soon as possible.

Table 6.2: Status of Outcomes in August 2022 Monthly Progress Review Meeting

Sl.	Contract	OHS MoM Status During Reporting Month				
		Total	Open	Partially closed	Closed	New Items added
1.	MW-01/02 (Ref MOM July-22)	12	5	0	4	3
2.	RAR-01	11	3	0	3	5
3.	KKH-01	16	6	0	2	8
4.	PCI-01	9	4	0	0	5
5.	TL-01	9	3	0	1	5
6.	LBRV 11/12(Ref MOM July-22)	4	2	0	2	0
Total		61	23	0	12	26

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	0	0	3	0	3
RAR-01	0	1	6	0	7
TL-01	0	0	2	0	2
MW-01/02	1	1	38	0	40

PCI-01R	0	1	14	0	15
LBRV-11/12	0	0	2	0	2
RAR-02	0	0	1	0	1
LADP SA-01	1	0	0	0	1
LADP JMK	0	1	0	0	1
Total	2	4	66	0	72

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. Joint inspection revealed significant improvements. 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 and instruction to rectify 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	2	3	5
2.	RAR-01	0	0	0
3.	RAR-02	0	0	0
4.	KKH-01	0	0	0
5.	KKH-02	0	0	0
6.	PCI-01	1	0	1
7.	TL-01	1	0	1
8.	LBRV 11/12	0	0	0
9.	EM-01	0	0	0
10.	LADP	0	0	0
Total		4	3	7

6.2.6 Training and Capacity building:

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.	August 15, 2022	Preparation of monthly OHS Report	Azmat Farooq (Sr. OHS Specialist -DHC)	DHC Field OHS Professional	1
2.	August 14, 2022	Severe weather condition	Muhammad Iqbal (Deputy Lead OHS -DHC)	DHC, PMU and Contractors	11
3.	August 12, 2022	Induction	Murtaza Nazir (Sr. Field OHS Professional -DHC)	DHC New staff	1
4.	August 10, 2022	Induction	Azmat Farooq (Sr. OHS Specialist -DHC)	DHC New staff	2
5.	August 5, 2022	Interaction with site workers and OHS staff	Neil Rafof (Lead OHS-DHC)	DHC OHS Staff	14
Total					29

Details of trainings arranged by the Contractors are presented below:

Sl. No	Contract	Number of Trainings during Reporting Month	No. of Participants
1.	RAR-01	3	42
2.	KKH-01	6	37
3.	TL-01	4	43
4.	MW-01	11	174
5.	MW-02	45	994
6.	PCI-01	3	67
7.	LBRV 11/12	0	0
8.	EM-01	3	37
Total		75	1394

6.2.7 Tool-box Talk

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

Sl. No	Contract	Number of daily TBT conducted by the contractors during the reporting month	No. of Participants
1.	RAR-01	24	338
2.	KKH-01	14	51
3.	TL-01	14	130
4.	MW-01	496	14880

5.	MW-02	496	14880
6.	PCI-01	12	280
7.	LBRV 11/12	0	0
8.	EM-01	8	108
Total		1064	30667

6.3 General OHS Management Activities

6.3.1 High-Level OHS Management

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

- Review field progresses, prepare agenda for weekly OHS meetings, send Zoom invitations to all participants, attend and moderate the weekly OHS meetings with the World Bank,
- Review MW02 (CGGC) fatal incident investigation reports, comment on the draft report, and contributed in the ICAM investigation report and reorganize, direct, indirect and the root-causes for action plan.
- Review letters instructing termination of CGGC staffs in related to the July 2022 fatal incidents, advise field team in action plan and comments and edits on the letters,
- Discuss with the field team on the field issues, e.g., review of draft EIs, deteriorated condition of CGGC Jumbo machine, repetition of Circuit breaker trips and frequent work stoppages and recommended strict action on the Contractor, and
- Review and edit NCR/7/RAR01 and advise field team for the improvement of monthly progress report and help them in finalization of the report,

6.3.2 OHS Systems and Procedures

International OHS Specialist (Systems and Procedure) was involved in the following activities during the reporting month:

- Attend Weekly OHS meeting with team members and provide feedbacks.
- MW01 fatal incident investigation support to field teams. Review of investigation report and further guidance for improvement.
- Review PCCL transformer transportation safety plan and provide guidance to the OHS Officer.
- Review of EM01 OHSMP, online meeting with OHS Officer and provide guidance for improvements.

6.3.3 OHS Underground Works

International OHS Specialist (Underground Works) was engaged in the following in this reporting month:

- Attend weekly OHS meeting in Zoom and provide guidance to the field team.
- Prepare training module for the incident flash report.
- Review termination letters of CGGC staffs and provide comments.

6.4 The Engineer's Training/Drills Participation

During August 2022, the Engineer delivered 5 trainings to DHC, WAPDA and Contractors staff on different OHS subject.

6.5 The Engineer's Inspection/Audit/Instructions

- DHC OHS team have conducted 183 Walk-through Inspections on different worksites during the reporting period. Senior staffs were involved in 2 number and field professionals, inspectors and Jr. OHS Professional were involved in 181 numbers of walk-through, respectively.
- Issued (3) Engineering Instructions to all contractors during the reporting period.

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 4,630 acres has been awarded / acquired by the end of August 2022. 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 3,901 acres of land was acquired after ECNEC decision (after November 2019). The land awarded after ECNEC decision; includes, 380 acres land acquired through compulsory acquisition and 3,520 acres land acquired under private negotiation. No new land was acquired during the reporting month. Land acquisition formalities for the remaining land of Batch-3 and 4 (mainly additional land of KKH-01 & KKH-02) remained under process according to the scheduled timeline. Batch-wise land acquisition status 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	741	729 (12 acres direct payment)	–	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 1,516 acres (98%) of the acquired land has been taken over. The acquisition of remaining land is under process and delayed due to an enquiry being carried out by LAC.
Batch-4	981	981	–	Possession of 100% land has been taken over by WAPDA.
Batch-5	787	446	341	Acquisition of remaining land is under process. The possession of 221 acres (50%) of the acquired land has been taken over by WAPDA.
Total	5,020	4,630 (12 acres direct payment)	378	The possession of 4,397 acres (95%) of the acquired land has been taken over by WAPDA

In addition to the above total (5,020 acres) land in District Upper Kohistan, about 654 acres land will be acquired in District Diamir making the total land to 5,674 acres.

7.1.2 Status of Compensation Payments

At the end of reporting month, a total amount of PKR 18.95 billion was paid, including PKR 18.61 billion to 7,565 PAPs through 11,217 cheques and PKR 245.240 million deposited to court for disputed cases. While PKR 27.717 million and PKR 65.598 million paid directly to FWO and PTDC respectively.

During August 2022, an amount of PKR 129,411,897/- was paid as compensation payment to 73 PAPs of 17 components. A total of 91 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	Additional Land K 16 & K 17 Tunnel	4	4	27,245,600
2	Contractor Camp Barseen	2	3	19,567,980
3	Gadeer Reservoir Area (File-04) Area	10	10	11,004,480
4	KKH-01 Additional Land Largani	1	1	39,375
5	KKH-01 Additional Land Area 4 Chuchang	1	1	87,324
6	KKH-02 Additional Land Awai to Lootar Part (A)	1	1	150,050
7	KKH-02 Additional Land Lootar to Shukrait Nullah Area 2A	2	2	683,468
8	KKH-02 Additional Land Summer Nullah	6	12	10,361,740
9	KKH-02 Kaigah to Awai Area-1 (B)	4	5	2,196,370
10	KKH-02 Lootar	8	8	174,248
11	KKH-02 Lootar to Shukrait Nallah Area 1A	5	5	1,495,289
12	KKH-02 Lootar to Shukrait Nallah Area 1B (II)	3	4	815,127

S. No.	Component	PAPs	Cheques	Amount
13	KKH-02 Sammar Nala	15	20	40,783,111
14	KKH-02 Sazeen	8	11	14,042,688
15	KKH-02 Shukrait Nallah to Shuri Nallah	1	1	465,566
16	Komila Bypass File -03 (Part 1 & 2)	1	2	81,704
17	Millar to Dogah Nullah File(02) Part (A)	1	1	217,777
	Total	73	91	129,411,897

7.1.3 Meetings of Compensation Disbursement Committee (CDC)

The meeting was held for the component Addition Land Tailrace Outlet Area-2 on 30-08-2022.

7.1.4 Land Revenue Survey and Revenue Record:

Land Revenue Survey of almost all components of Batch 3, 4 &5 have been completed. During the month, revenue survey of Access Road to Resettlement Site-4 at Kuz Chuchang was completed. In this regard, Land Acquisition Team along with Consultation & Participation Team conducted number of Jirgas with a group of land owners who refused to give their land. The access road was redesigned in consultation with the locals and after finalization of new design, a new area (small patch will be acquired).

Sr. No.	Component	Received on	Submitted on
1	Revenue Record of Access Road to Resettlement Site 4 Kuz Chuchang.	05-07-2022	29-08-2022

7.1.5 GIS Verification

The GIS Team has completed the GIS verification of the following:

Sr#	Component	Received	Submitted to Wapda
1	Access Road to Resettlement site-4 Kuz Chuchang after modification in Masavi	05-07-2022	29-08-2022

In the following component residential khasra's extracted in separate files of MS-Excel and GIS location maps for SMR package prepared for S&R Section.

- Gobar Nallah to Shukrait Nallah Reservoir Area.
- Gobar Nallah Dumping Site Area.
- Lachi Nallah reservoir Area-3.
- Lachi Nallah reservoir Area-2.
- Gadeer Reservoir Area-2.
- RAR-02 Komah Area.
- RAR-02 Dogah Area.
- Barseen Baily Bridge Komah Site-1 Area.
- Sazeen Das limit to Sazeen Nallah File-1, 2 Area.
- Sazeen Das limit to Sazeen Nallah File-2 Area.
- Natbail to Bair Kandia Area

The GIS Team also carried out the following activities during the reporting month.

- GIS land acquisition observation on Masavi of Access Road to Resettlement Site-4 at Kuz Chuchang area sent to WAPDA and LAC office for correction.
- For Road section KKH-02 Looter area land acquisition data / drawing prepared for handing over land to the contractor;
- Prepared update catchment area KMZ file, meeting with chief Geotech and DPM and finalize area for procurement of July 2022 Satellite Imagery (SI) of Uchar Nallah;
- Visited Site of flooded areas for drone survey dated for Geology section;
- Prepared project facilities map;
- GIS Team visited site with patwari Access Road to Resettlement Sit-4 at kuz Chuchang dated 22-08-2022;
- Visited Site for Drone imagery of all flooded areas like contractor camps, Uchar nullah near bridge area and project colony area;
- Prepared maps from Thakot to Dasu of existing KKH and Dasu to Sazeen with existing KKH and relocated KKH-01, relocated KKH-02 for Planning Section;
- Proposed Bridges, Box Culvers, Pipe Cultivars, Tunnels inlet and Tunnels outlet added in relocated KKH-01 and relocated KKH-02 alignments in plan and profile drawings;

- Higher elevation Intake structure support sections updated for MW-01 section.
- Location map on satellite imagery with geodetic coordinates prepared from Kass area to Barseen area.

7.1.6 Issuance of Notifications under Section-4 and Corrigendum

During the reporting month, Section-6 are issued for the Components Kaigah Quarry Area-2 Adjoining Area and Crush Plant Area.

7.1.7 Cost Assessments and Verifications

Verification of cost estimates continued during the reporting month and Land Acquisition Team completed the verification of one component and submitted to WAPDA for transfer of funds to LAC designated account. The details of cost assessments are given in the Table below;

Table 7.3: Status of Cost Assessment and Verification Comp during the Month

Sr. No.	Component	Received on	Submitted on	Amount (Rs.)
Land				
1	KKH-01 of Additional Land PTB-02	15-08-2022	20-09-22	484,410.00

7.1.8 Status of Land Lease of Kass

On an overall, more than three-fourths 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 76 have been paid the advance money (3-months land lease rent + 10% of the BUP Value).
- Majority of the 76 beneficiaries (who have received advance money) have demolished their houses and they have been paid the remaining amount (57-months land lease rent + 90% of the BUP Value).
- About 91% of the area (375 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.
- Area for E&M Camp also fall in Kass File-1 Area, which includes a total of 37 houses out of which 34 had been demolished by the end of reporting month which have been paid. The demolishing of remaining houses is in progress.

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 43 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 August 2022 are given below:

7.2.1 Progress of Seven under Construction Resettlement Sites

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.

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.

- 1) Land survey of Access road to Kuz Chuchang site-4 upper portion completed
- 2) Consultation meetings were held on 2nd and 3rd August 2022 with the communities of 7 under construction resettlement sites to know communities concerns and plan a way forward in consultation with the respective communities. The Community concerns and actions agreed are:

a) Resettlement Site Chuchang – 01

The representatives of 4 sub blocks of RV Chuchang-01 pointed out that:

- a) Material used in mosque construction is of substandard;
- b) Water supply and electricity must be ensured for each block;
- c) Sewerage systems shall be constructed at each block and every plot should have access;
- d) Breast wall and retaining wall shall be constructed of a suggested height and slop protection shall be ensured, they also suggested to backfill the breast wall to avoid any future damage;
- e) At Additional Block of the site slope towards the plots and outflow of septic tank will cause trouble during rain and proper mitigation measures shall be adopted;
- f) Mitigation/safety measures shall be taken for water flow from WAPDA colony into adjacent nullah; and
- g) Access road issues for each block.

Actions agreed to address community concerns are:

- a) Quality of material using in Masjid construction will be improved.
- b) Community has identified the source of water supply and DHC concerned will conduct visit for technical feasibility.
- c) Electricity will be provided at the completion of 132 Kv Grid station.
- d) Retaining Walls and sewerage system is under construction and will be completed as planned;

- e) The demand of separate septic tank for 4 plots has been considered and Infra team will sort out the solution for it;
- f) Breast Wall Height is as per design and cannot be increased, however for Infrastructure Section will review and propose a solution for slope safety
- g) Slope of plots constructed at Additional Block is as per approved drawing, while the demand of a soakage pit is considered to manage issue of water outflow from septic tank;
- h) The Team agreed for the backfill of breast wall and community was informed that wall on both sides of nullah has been constructed as safety measures for water flow from WAPDA colony
- i) As land for access road is not available for concerned block and community agreed to adjust the issue by their own.

b) Resettlement Site Chuchang – 04

This site composed of two portion as Upper and Lower and the concern of the communities are as;

Upper Portion

- a) Revision in Access Road Design to avoid disputed land;
- b) Remove loose material and material dumped in the plots; and
- c) Work progress on plots construction is very slow, cutting on only 4 plots completed.

Actions agreed to address community concerns are:

- a) Survey section will take the coordinates as per community's demand and infrastructure section will check weather change of alignment is technically possible or not.
- b) Material dumped in the plots area will be removed
- c) Contractor is advised to accelerate the work progress.

Lower Portion

- a) Construction work not started on few plots;
- b) Retaining wall are not constructed; and
- c) Water channel issue

Actions agreed to address community concerns are:

- a) Contractor is advised to accelerate the work progress
- b) Contractor will restore the channel as per instruction of infrastructure section.

c) Resettlement Site Khushi – 01

Community apprehension were recorded as;

- a) Retaining wall not constructed along the road for cut slope protection and there are no arrangements for drainage of rain water;
- b) Availability of water source is critical, only available source is Uchar Nullah, community also pointed out that water supply pipes are not fixed properly;
- c) Shotcrete is of substandard and needs to be improved, they also flagged that access road concrete is cracked from several points; and
- d) Access to graveyard and masjid is inconvenient.

Actions agreed to address community concerns are:

- a) Retaining wall is constructed as per the design, construction of retaining wall will be considered on desired areas on technical grounds and safety grills will be installed at the top of cut slopes for each terrace. However there is no need of any construction work for drainage of rain water;
- b) Water source issue is still pending as there is no other source available except Uchar Nalla; however it was agreed that water supply pipes will be replaced and installed underground;
- c) It was agreed that contractor will redo the shotcrete where required;
- d) It was agreed that the Contractor will figure out shortest possible access to Mosque and develop a reasonable path to graveyard.

d) Resettlement Site Khushi – 02

During consultation meeting the community recorded their concerns as;

- a) Demanded construction of protection wall on both sides of Water channel;

- b) Demanded construction of breast wall at KKH-01 and plots shall be leveled to breast wall;
- c) Construction of Masjid and land leveling for graveyard;
- d) Water tank construction is not completed; and
- e) Sewerage system is block due to mud flood and needs to be cleaned/repared.

Actions agreed to address community concerns are:

- a) Team agreed on demand for construction of protection wall on both sides of water channel;
- b) Breast wall will be constructed under KKH-01 contract, infrastructure section will take up the matter in case breast wall not included in KKH-01 design. However it is conveyed to the community that levelling of plots to the level of breast wall is not technical feasible.
- c) The Community will provide land for Mosque and graveyard and team will take up the case to convince the WAPDA for approval of both facilities at this construction stage.
- d) Construction of water tank is in progress and blockage in sewerage system will be removed;

e) Resettlement Site Uchar – 01

- a) Electricity supply must be ensured for the site and Masjid;
- b) Dumped and loose material shall be removed; and
- c) Plots shall be levelled properly;
- d) It was concerned that the Contractor is not working on Water Supply

Actions agreed to address community concerns are:

- a) Electricity supply and electric work in Mosque will be ensured after some time;
- b) Material dumped in the plots area will be removed
- c) The technical team instructed contractor to replace the plastic water supply pipe from main Tank to post areas and expedite working on water supply.

f) Nasirabad 1&2 sites

Work is in progress there is no technical and social issues.

7.2.2 SMR Implementation Progress

- By the end of August 2022, an amount of Rs. 1,553.70 Million have been paid to 445 Affected Households. So far, 611 cases have been approved after field verification and Review process. ESMR Cheques of remaining 241 have also been prepared and the payment is in progress.
- Overall, the ESMR Implementation process remained slow during the reporting month due to; the deadlock between DHPP and 80-Members Reservoir Committee, who did not allow for field verification.
- File preparation work remained in progress. The SMR Working Committee remained engage in preparing the files of second and third priority villages like Melar, Kuz Kai, Bar Kai, Kotgal and Sluch during the reporting month. By the end of reporting month 1695 (887 Priority I, 567 Priority II and 241 Priority III villages) ESMR files submitted to FVC/RSC.
- The S&R teams also kept engage in revising the files as per the comments of Review & Scrutiny Committee (RSC) and Payment Committee (PC).
- 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. The villages of Siglo and Barseen were mainly covered during the reporting month.
- The Field Verification Team verified about 1100 AHHs and completed verification in Siglo, Barseen and Kaigah areas while the Review & Scrutiny Committee reviewed all the forwarded cases and BOUT 611 cases were recommended and approved by RSC and SMR-IC for ESMR payments.
- 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.
- The team also remained engaged in identification of additional households due to realignment and rationalization of KKH-02. Draft lists were prepared to verify for duplication check from main database.

7.2.3 Status of TRP Payments

At the end of August 2022, a total amount of PKR 77,014,875/- paid as TRP to 208 RVs (PKR 66,160,000/-) and 86 self-opted (PKR 10,854,875/-) 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, 09 cheques were issued to 09 AHHs from Tailrace Area Kuz Chuchang and RAR-01 (ROW) components, a total amount of PKR 855,000/- was paid during the reporting month. M&E team updated summary tables for reporting. Component wise details of TRP and allowances is given in table.

Table 7.4: Status of Payments of TRP & Allowances to the Owners of AHHs
(Updated by End of Reporting Month)

S. No.	Component Name	Status by previous Month			Status during Reporting Month			Grand Total
		RVs AHHs	Self AHHs	Grand Total	RVs AHHs	Self AHHs	Amount Paid	
1	Additional ROW (KKH-01)	6	4	4,550,749	0	0	0	4,550,749
2	Bar Chuchang	1	3	495,924	0	0	0	495,924
3	Khushi Access Road to VT	13	1	4,840,983	0	0	0	4,840,983
4	Khushi Dumping	9	8	5,172,651	0	0	0	5,172,651
5	Khushi to Logro	56	0	4,650,000	0	0	0	4,650,000
6	KKH-01 (ROW)	34	22	22,757,349	0	0	0	22,757,349
7	Logro	43	0	19,690,000	0	0	0	19,690,000
8	RAR-01 (ROW)	16	26	7,207,729	5	0	675000	7,882,729
9	(Uchar Contractor Camp-2 Thoki)	15	0	755,000	0	0	0	755,000
10	WAPDA Office & Colony	11	0	820,000	0	0	0	820,000
11	Zhongmei Camp	4	1	2,655,124	0	0	0	2,655,124
12	Khushi Access Road	0	18	2,235,461	0	0	0	2,235,461
13	Tailrace Area Kuz Chuchang	0	3	328,905	4	0	180000	508,905
Total		208	86	76,159,875	9	0	855,000	77,014,875

The updated status for the payments of project allowances to the owners of Commercial Structures is given in Table 7.6. During the reporting month, no cheque was issued for commercial structures.

Table 7.5: Status of Payments of Allowances to the Owners of Commercial Structures
(Updated by End of Reporting Month)

Sr. No.	Component	Status by Previous Month		Status during Reporting Month		Grand Total
		# of Commercial Structures	Amount Paid (Rs)	# of Commercial Structures	Amount Paid (Rs)	
1	RAR(RoW) Seo Village	8	448,784	0	0	448,784
2	Khushi Access Road	11	638,938	0	0	638,938
3	Tailrace Area Kuz Chuchang	13	1,555,708	0	0	1,555,708
4	Barseen	12	1,282,790	0	0	1,282,790
Total		44	3,926,220	0	0	3,926,220

7.2.4 Relocation of Residential Houses and Commercial Structures

The owners of 367 affected structures including 209 residential houses, 115 AHHs opted ESMR package and living on their own and 43 commercial structures received their Special Relocation Package so far. The affected households have been shifted with their families to different locations.

7.2.5 Other Major Activities Carried Out by R&R Team

- Survey team and S&R team completed survey of the additional area adjacent to Khushi-1 site for additional plots.
- Consultation meeting was done with the community about submission of documents for ESMR files.
- Prepared allowance sheet of different AHHs of various villages for ESMR Files during the month.
- Prepared copies of 302 Paid ESMR Files and submitted to WAPDA for allowances payment.
- Working Committee prepared the reply of 12 sub-judice cases and submitted to Deputy Commissioner Office Kohistan for further process.
- S&R Team visited Lachi Nullah on 24-08-2022 for taking house pictures.

7.3 Public Consultation and Participation

Major activities carried out under Public Consultation and Participation Section during the month of August 2022 are briefed as below:

7.3.1 Public Consultations Regarding Resettlement Sites

Construction work on seven priority resettlement sites remained in progress during the reporting month. The Public Consultation and Participation (PC&P) Team remained engaged in resolving social issues mainly on the handed-over resettlement sites, where Zhongmei and KGL contractors are involved in construction works. Consultation team provided its support in resolving the issues

related to design or any conflict between contractor and community during the construction activities. A number of consultation meetings were conducted over the period of more than two years (from commencement of construction work).

Social and Resettlement Section of DHC holds a series of meetings with communities of under developed Resettlement Sites to inquire about any reservation or issue related to site development. 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.

Khushi – 1: The first meeting in this regard was held on August 01, 2022 with residents of Khushi 1 Resettlement site. They were told that the site will soon be handed over to them for construction of houses. The community shared following concerns:

- Demanded for Drainage and Retaining Wall along the Access Road.
- Safety Issues for the cut slope on Terraces.
- Water Source is not available. Existing source was damaged during blasting of KKH-01.
- Quality of Access Road concrete is not as per standard.
- Water Supply pipes are not properly fixed.
- Additional Land for development of plots.

Khushi – 2 (Link 1): Meeting was held on the same day with Khushi 2 Link 1 community. The community was briefed about the completion of development work and handing over the site for houses construction. The concerns shared by the community were as under:

- Wall should be built for adjacent water channel
- The sewerage pipeline is blocked due to sliding material
- Plots level to be lowered to KKH – 01
- Construction of Masjid for the site
- Leveling of land for graveyard
- Water Tank and water supply (Source not available).

Uchar – 01: Uchar Resettlement site is almost completed and some safety work is undergoing for slope protection. The community was asked to plan the construction of houses on the site. The community showed the following concerns:

- Water and Electricity Availability
- Loose material to be removed beside the Access Road.
- Electrification of Masjid

Chuchang 1 & 4: Meeting with communities of Chuchang 1 and 4 Resettlement Sites were held on August 02, 2022 and issues were discussed in details. As per community the contractor is not working regularly on any site. It has started multiple tasks at the same time then leave all incomplete and move to next. Following are the major issues needs to be addressed.

- Substandard material is being used for Masjid Construction
 - Sewerage System Design
 - Cut Slope Safety
 - Water Source and Water Supply
 - Electricity
 - Septic Tank Outlet (Additional Block)
 - Drainage from KKH-01 towards the plots (Additional Block)
 - Backfill behind the Breast wall
 - No work is initiated on plots and retaining walls (Chuchang 4 – lower)
1. After the thorough discussion with community a joint visit was planned with Infrastructure Section and Contractor to observe the physical progress and nature of the issues raised by community during the meetings. In this regard, Resettlement Sites of Chuchang and Khushi were visited on August 03, 2022. The issues were discussed with the technical team and feasible changes were suggested on spot to resolve these issues. Details of actions agreed are mentioned in section 7.2.1 above.

2. Another consultative meeting was held with Mr. Barkat (Community Member) regarding the realignment of Access Road to upper portion of Kuz Chuchang. Because the land owners of some portion of proposed land were not willing to spare their land. Mr. Barkat offered his land on left side. After the consent of Mr. Barkat, the Infrastructure section redesigned the road.

Details of consultation meetings during the reporting period are given in Table below;

Table 7.6: Consultation Meetings Conducted Regarding Resettlement Site Development

Sr. No	Resettlement Site	Consultations Done (By July 2022)	Consultations Done (August 2022)	Remarks
1	Kuz Chuchang	17	02	- Revision in Access Road Design to avoid disputed land - Plots of Noor M. Deen & Ahmad Shah are not developed so far
2	Khushi 2	22	01	- Sewerage system is choked due to mud flood and needs to be repaired - Plots must be leveled to Breast wall of KKH-01
3	Khushi 1	05	01	- No Retaining Wall along the Road and no drainage of rain water - Safety measures along the cut slope - Access Road concrete is cracked from several points
4	Chuchang – 1	38	01	- KKH-01 slope towards the plots and will cause trouble for the site - Septic Tank outlet will damage crops underneath once filled - Backfill behind the Breast wall to avoid any future damage - Material used in Masjid construction is substandard - Water Supply must be insured - Electricity must be provided
5	Uchar – 01	08	01	- Contractor is not working on Water Supply. No hurdle from community - Electricity supply is not ensured so far - Loose Material slides down on curve before the 1st terrace - Electrification of Masjid

7.3.2 Public Consultations Regarding Temporary Relocation Package

WAPDA approved to pay a Temporary Relocation Package (TRP) to the eligible Affected Households in case the construction area is required while the proposed resettlement sites for the area are under development. In this regard community is being consulted for the requirement of the area and briefed about the details of TRP. After the agreement of the concerned community the case is forwarded to WAPDA for further process. So far, about 15 consultation meetings have been held with community for their consent over TRP. After the announcement of Enhanced Self-Managed Relocation (ESMR) Package, new TRP cases has been stopped

7.3.3 Public Consultation regarding Enhanced Self-Managed Relocation (SMR) Package

WAPDA announced to pay the Enhanced package for those AHHs who opts for Self-Managed Relocation on May 31, 2021. After this the majority of AHHs has revised their choice for either resettle on project Resettlement Site or to relocate on self-managed site. The Resettlement team is working intensively to prepare the files for each AHHs for initiate the payment procedure. PC & P team has extended its support to the Resettlement team in preparing the files by consulting the community to provide the required documents timely to excel the payment. Assistance is also provided to several groups of people from various villages regarding the different aspects of the ESMR Package.

7.3.4 Public Consultations Regarding Local Area Development Program

Consultation team also provides support for social assessments of the projects. Priority 1 schemes for LADP as and when required. The PC&P team has almost completed the consultation of Priority-1 schemes and started working on Priority 2 schemes. Consultation and Participation team conducted 30-35 consultations with communities regarding the policy briefing of LAD projects and the requirements from community.

7.3.5 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.

7.3.6 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 of Batch 4 and Additional Land for different component.

7.4 Income and Livelihood Restoration

Key activities carried out under “Income and livelihood Restoration” Section during the reporting month are briefed below:

7.4.1 Pre-Evaluation Survey and Reports Regarding Utilization of Compensation Money

A number of components have been awarded and the compensation payments either have been completed or in progress for many components. The ILRP Team is involved in conducting surveys and preparing reports for knowing the proper utilization of compensation money for all completed components.

So far following 13 reports on 39 components have been completed and submitted to WAPDA:

Table 7.7: Status of Submitted Reports on Utilization of Compensation Money

Sr. No	Village Name	Component Name	Submitted on
1	Uchar	1. Contractor Camp Uchar	December,2016
	Zaal	2. Contractor Camp Zaal	
2	Bar Chuchang	1. WAPDA Colony	October,2017
	Kuz Chuchang	2. Grid Station	
3	Uchar	1. Access Road Uchar	June,2018
	Barseen	2. Access Road Barseen	
4	11 villages (Dassu to Kaigha)	1. KKH-01	March,2019
5	6 Villages (Kass to Sigloo)	1. RAR-01	March,2021
6	Kotgal Village	1. Kotgal Reservoir-01	March,2021
		2. Kotgal Access Road	
		3. Japan bridge to Dhundar	
7	Uchar Village	1. Access Road to R. Site-1 Uchar	August,2021
		2. Contractor Camp-2 (Thoki Uchar)	
		3. Dumping area Uchar	
		4. Contractor (Zhongmei) Camp Uchar	
		5. Uchar to Logroo reservoir	
8	Pani Bah Village	1. Pani Bah Access Road	August,2021
		2. Pani Bah Reservoir-01	
		3. Pani Bah Reservoir-02	
9	Logroo Village	1. Logroo-01	August,2021
		2. Logroo-02	
		3. Logroo Reservoir-01	
		4. Logroo Reservoir-02	
10	Kuz Chuchang	1. Tailrace Area	August,2021
11	Sigloo Village	1. Sigloo-1 File-1	December,2021
		2. Sigloo-1 File-2	
		3. Sigloo-2 File-1	
		4. Sigloo-2 File-2	
		5. Sigloo-2 File-3	
		6. Sigloo-2 File-4	
		7. Sigloo-3 File-1	
		8. Sigloo-3 File-2	
12	Barseen Village	1. Barseen Reservoir Area-1	April,2022
		2. Barseen Reservoir Area-2	
		3. Barseen Contractor Camp-1	
		4. Barseen Access Road	
		5. Barseen Nullah Reservoir Area	
		6. Barseen Zhongmei Explosive Magazine	
13	Sluch Village	1. Natbail to Sluch Bridge Reservoir Area	July,2022

The survey of another component/village “Seer Gayal Village” is in progress.

Table 7.8: Status of On-going Surveys/reports on Utilization of Compensation Money

Sr. No	Village / Component	Status (By Previous Month)	Work Done (During the Reporting Month)	Remarks
1	Seer Gayal Village	Survey in progress (132 PAPs interviewed)	-----	The revenue survey of one component in Seer Gayal village has not been completed yet the verification is in process. When the revenue survey is completed than this component will be added.

7.4.2 Commercial Structure

7.4.2.1 Status of Existing Commercial Structure

Total 51 commercial structure identified from zero point to Barseen village, from these 43 commercial structure payment have been paid and 8 commercial structure yet not paid. Allowances of 8 commercial structure have been sent to WAPDA and will be paid soon.

7.4.2.2 New Commercial Structure

Total commercial structure in left bank (above Barseen village to laichi Nalla) as Fard-e-malkyet is 98. The data of village wise is shown in table 3 and detail sheet is attached as annexure-2

Table 1: Status of New Commercial Structure

Sr. No	Name of Village	Total Commercial Structure	Status
1	Pani Bah	1	Functional
2	Gadeer	4	Functional
3	Kaigha	6	Functional
4	Looter	7	Functional
5	Chilassi	4	Functional
6	Dochba	6	Functional
7	Lachi Nalla	16	Functional
8	Shori Nallah	6	Functional
9	Summer Nallah	48	Functional

7.4.2.3 Other Major Activities carried out during the Month of August, 2022

- ❖ Visited Khushi site-1 to meet the community regarding land for 16 additional plots as per requirement. The proposed area was visited and survey team recorded coordinates. The details are provided to infrastructure section for plots design.
- ❖ Completed scanning and preparation of duplicate copies of 378 ESMR files (paid cases).
- ❖ The team submitted 302 files to WAPDA office for payment of resettlement allowances;

Table: Status of SMR Paid Files for Project Allowance

Received from DC office				Submitted to WAPDA for Project Allowance			
Batch 1	TRP	Other files	Total	TRP	Other files	Total	Submitted Date
75	27	91	193	27	91	118	17-8-2022
1		184	185	1	76	107	184 76 files on 27-8-2022 108 files on 29-8-2022
Total			378	Total		302	Total 302 SMR paid files submitted to WAPDA for project allowance

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. One scheme “Solar Street Light at Komila and Dasu” was completed in July 2020; while three more schemes (Jalkot Bridge, Rehabilitation of Rural Health Center, and Jamia Mosque) were awarded in 2020-21 and are under construction. The Contact Agreement for “Rehabilitation and Improvement of Sanitation System for Komila and Dasu” was signed during the reporting month and execution of works are supposed to be started accordingly. The status of priority-I schemes by the end of the reporting month is as under;

Table 7.9: Status of Priority-I Schemes under LADP

Sr. No	ID	Scheme	Description of Scheme	Tentative Cost (Million PKR)	Status By August 2022
1	SP-1	Solar Street Lights at Komila and Dasu	Installation of Solar Street Lights at Komila and Dasu.	4.31	<ul style="list-style-type: none"> ➤ Installation of all 60 Poles completed in July, 20 ➤ Completion Certificate issued on July 25, 2020. ➤ Payment Certified.
2	RB-14	Jalkot bridge	Design and Construction of New RCC Bridge at Jalkot Nullah	69.94	<ul style="list-style-type: none"> ➤ Construction Work started from January 01, 2021 ➤ Contractual completion was March 25, 2022 after EOT. ➤ Bridge Structure is completed. Completion certificate issued on April 18, 2022 ➤ Bridge is open for traffic
3	MI-1	Rural Health Center (RHC), Dasu	Repair and Rehabilitation of Rural Health Center (RHC), Dasu	107.70	<ul style="list-style-type: none"> ➤ Commencement letter issued on March 18, 2021 ➤ Contractual completion date is April, 2022 ➤ Rehabilitation work for possession area completed ➤ Installation of GI Sheets for all roofs completed ➤ Construction of boundary walls completed ➤ Sewerage work completed ➤ Rehab. work for Residential area is completed and handing over is in process ➤ Possession of new 04 buildings given on March 03, 2022 ➤ Rehabilitation of medical blocks in progress

Sr. No	ID	Scheme	Description of Scheme	Tentative Cost (Million PKR)	Status By August 2022
4	DW-1	Drinking water supply facilities for Komila, Dasu, Jalkot and Teyal	Design and Construction of Drinking Water Supply Facilities for these 4 towns, consisting of water intake, pipeline and distribution tanks	216.80	<ul style="list-style-type: none"> ➤ Bids opened on April 08, 2021 ➤ Bid Evaluation report submitted on May 05, 2021 ➤ Bids were annulled being unresponsive on July 06, 2021 ➤ Bids were annulled being unresponsive on July 06, 2021 ➤ Komila town is excluded from scheme due to water source issue on direction of DC Kohistan (U) on April 23, 2022 ➤ Revised Bidding Document and revised Cost Estimate resubmitted in August, 2022 ➤ Tentative commencement of project: Dec, 2022
5	MI-2	Reconstruction of Jamia Mosque Komila	Design and Reconstruction of Jamia Mosque at Komila	203.20	<ul style="list-style-type: none"> ➤ Commencement on August 31, 2021 ➤ Construction of retaining wall completed ➤ Pouring of GF and FF slab for Mosque completed ➤ Shuttering for GF Slab of Madrassa in progress ➤ Block masonry and Drainage works in progress
6	SA-1	Sanitation & Sewerage Systems in Kamila and Dasu	Improvement of sewerage and sanitation facilities at Komila and Dasu towns	116.30	<ul style="list-style-type: none"> ➤ Contract signed on December 30, 2021. ➤ Commencement Letter issued on Jan 01, 2022. ➤ Detailed design submitted by Contractor and approved by Design Engineer ➤ Construction activities started in Dasu Town ➤ Social Issues due to illegal encroachments and hindrances in subject area scheme
7	SH-07-11	DASU-LADP-PKG-01, 05 Road Schemes,	RB-03: Seo Razika Road, RB-09: Dong Nulah Road, RB-13: DC Colony Road, RB-16: Access road for DHPP Affectees settling area at Jalkot, RB-18: Access road for Shahi Bagh Affectees	238.47	<ul style="list-style-type: none"> ➤ Contract Signed and Commencement on May 20, 2022 ➤ Survey work completed ➤ Construction drawings approved ➤ Shop drawings for DC colony approved. ➤ Work at Dung Nullah Road is stopped due to social issues

7.6 Public Health and Gender Implementation Plan (PHIP)

The on-going activities under this component are currently being supervised by the Director General Social Safeguards in assistance with Director S&R and Assistant Director Gender and community Health (WAPDA). Following major activities were carried out during the reporting month (Aug 2022);

- i. Free Medical Camp was carried in Village Beerti/Jashoye, Kandia on August 13, 2022. Total 298 patients were treated and free medicines were provided. Among treated patients 60 were male, 91 were female and 147 were children.
- ii. The case for the purchase of two ambulances for health department Kohistan (upper) has approved by the Authority in its meeting held on November 18, 2021. Total Budget is 20 Million PKR and tentative date of completion is March 2022. The Tendering is under process. Procurement is in final Stage with contract section of Dasu HPP.
- iii. The case of procurement of machinery for TMA Dasu Kohistan for solid waste management is in final stage .The tendering is under process with contract Section.

7.7 Gender Implementation Plan (GIP)

GIP Team carried out the following activities during the reporting month of August, 2022.

- i. Meeting was held with Director Technical Education and Vocational Training Authority (TEVTA) for streamlining the support of TEVTA for Identification and recommendations for Women Teachers for village based skill development Courses in Kohistan Upper.
- ii. Gender Awareness and Sensitization Handbook to be used in upcoming workshops is reviewed and finalized for approval. Participants' handbook for Gender Mainstreaming into Project Cycle is in the final review process.
- iii. The proposal and material for the first Follow-up Workshop with Ulemmas is approved and the workshop is planned in the 3rd week of September. 2022
- iv. Gradual and informal coaching sessions with local staff members is a continue process which is sensitizing them for women and girls' issues in their communities. These sessions are helping in identification of potential avenues and preparing their communities for the implementation of activities at their village level. Coaching sessions' dialogues are based on the women needs' identified during field visits.

- v. Various education programs and areas of collaboration were discussed in a formal meeting with the Director Programs, Elementary and Secondary Education Foundation (EEF). Departments' strong commitment was ensured to work in Kohistan for the promotion of Education with special focus on Girls'. It was agreed that Project will develop a concept note on various initiatives, and both the organizations will sign a Formal MOU for systematic Implementation Plan.

7.8 Implementation of Communication Plan

Following major activities were carried out during the reporting month

- i. Public dealing in the Public Information Centre and sharing information regarding Dasu HPP with local community and general public (continuous activity).
- ii. Distribution of already published information material among the affected communities and general public in the project area (continuous activity).
- iii. Updating & uploading data taken from other sections on Web Portal on regular basis. During August 2022 few new events published on DHPP website.
- iv. Preparation and finalization of estimate for school vans on 15 different routes have been finalized after collection of quotation from the local markets and submitted to the management for approval.
- v. Preparation of Content for Digital Display Screen (continuous activity). New content selected and modified for SMD have been displayed after approval from the management
- vi. Contents collection for 4th volume of Project Newsletter "Lash Galash" is in the process.
- vii. Coverage of different events and meetings remained in progress during the reporting month, communication team also captured photos of different sites regarding progress. Coverage of Project activities for information of all stakeholders through social media pages of Facebook, YouTube etc. (continuous activity).

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

The In-migrant Management Specialist of DHC resigned and left the job during February 2022. Major activities related to In-migration Management were carried out by the Assistant Director In-migrant Management during the reporting month (August, 2022). 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 (July, 2022). Based on the workforce data received from various contractors and other organizations a total of 2,858 workers / staff were estimated. Out of total (2,858); 1,164 (41%) were locals, 1,207 (42%) were non-local national, while 487 (17%) were foreigners. A total of 17 females were working in the project during the reporting month which is 1 percent of the whole workforce.

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 854 security personals have been engaged for DHPP during the reporting quarter as mentioned in table. (27 Persons from regular FC are not included in list).

7.10.1 Inspection of Camps

The IMM Team visited CGGC and CCECC camps during the reporting month. The observations noted are given below.

Table 7.10: Observations noted during the Contractors' Camps Inspection

Sr. No.	Observations	Status By May2022	Status During Reporting Month	Remarks
1	HR Policies	Not Finalized	Not Finalized	HR polices is yet to be finalized. HR polices have been reviewed and sent to WAPDA for finalization.
2	Employees List / Workforce Data	Contractor of visited camp is yet to be shared its workforce list	Contractor of visited camp has been submitted employee's lists till August which has been up loaded in excel and put in queue for further submission in MIS.	In January, sharing of attendance and strength of workforce was carried out on daily basis due to COVID-19 precautions and month wise data were also collected and updated in excel.

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3	Contract Letters	Provided to Permanent staff member but not to labor so in this regard a specimen/template has been designed and sent to contractors for its implementation especially for the daily wagers.	Contractors was advised to incorporate positively and share the progress without any further delay.	Contractors were directed in writing to provide the provisional Employment Letter to daily wagers on prior basis and share the progress without any further delay.
4	Housing and Accommodation	Better than before but not fully furnished as per contract.	CGGC (Barseen): TOTAL BLOCKS: 16 For Local and National: 4 Blocks. For FC: 3 Blocks Remaining blocks are for office administration and accommodation of Chinese. For FC: 3 rooms, For Police: 3 rooms, Mess: 1, Dining Room: 1, Kitchen: 2, Office Hall: 1, (Consist of 3 rooms), Meeting Hall: 1 Store Rooms: 8.	(There are total 16 prefabricated blocks in CGGC Barseen camp, each block consists of double story 20 rooms with attached baths. Capacity of each room is 4 persons per room. Room is 2 to 4 persons per room.
5	Food Security	Satisfactory	Totally there are four separate kitchens. Two kitchens are for Pakistani labor and management staff while two kitchens are for Chinese labor and management staff. Standard of the food is satisfactory in all mess.	Contractor staff at camp was informed verbally regarding minor deficiencies.
6	Labor and Workforce Management	Satisfactory	Satisfactory	In CGGC labor is working directly under contractor while in PCCCL and KGL labor is working under different subcontractors. Subcontractors are responsible for their wages and hiring firing procedure as per Pakistan Labor Law.
7	Law and Order Security Issue	Satisfactory	Satisfactory	In visited camp FC was deployed for security.
8	Health and Safety	Satisfactory	Satisfactory	Doctors and other medical facilities were available in Camp.

7.10.2 In-migrants at Dasu Site

Following table shows details of in-migrants at Dasu Site as of August, 2022:

In-migrants at Dasu Site Data, As on August, 2022									
Sr.no	Components	Contracts	Locals	Non-Locals		Foreigners		Component wise Total	Total
				Male	Female	Male	Female		
1	WAPDA/LA&A U		190	166	0	0	0	356	356
2	Dasu HPP Consultants	The Engineers	200	102	2	27	0	331	331
3	M/s PCCC	TL-01	18	74	0	14	0	106	106
4	M/s ZEGL	LBRV11&12	19	33	0	8	0	60	60
5	M/s CCECC	RAR-01	60	30	0	6	0	96	253
		KKH-01	34	71	0	50	2	157	
6	M/s CGGC	MW-01	389	207	0	132	4	732	1449
		MW-02	131	258	0	177	9	575	
		RAR-02	10	0	0	21	0	31	
		KKH-02	62	23	0	26	0	111	
7	M/s CGICOP	PCI-R	29	157	0	10	0	196	196
8	M/s KGL	JMK, RHC & RV	11	68	0	0	0	79	79
9	Management Support Consultants	MSC Consultants	11	7	0	1	0	19	19
10	IKAN	Jalkot Bridge	0	9	0	0	0	9	9
Sub Total			1164	1205	2	472	15	2858	2858
Total			1164	1207		487			

7.10.3 Other Major Activities during the month

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

- i. Field visit to M/s CCECC, ZEGL and CGGC (Uchar) regarding latest updates of contractors camp site and workers accommodation facilities effected by disastrous flood in Uchaar nalla.

- M/s ZEGL shifted to WAPDA Colony and M/s CGGC evacuate camp, local workers were paid off for 15 days while other staff accommodated at Zaal camp.
- ii. Issued reminder letter to DHC regarding submission of HR policy and code of conduct from KKH-02 and RAR-02 contractors
 - iii. Prepared presentation on MM progress for World Bank Mission, presentation was presented to DG (SS) and World Bank Mission on 10 and 11 August 2022 respectively.
 - iv. Field visit to Ashang Razika for inspection of Water Supply Scheme (Drinking and Agriculture) to Siglo resettlement site along with WAPDA & DHC team.
 - v. Visit to PCCCL camp Dasu regrading collection of Police clearance data of staff;
 - vi. Visit to CGGC camp Barseen and meeting with CGGC HR department regarding updated workforce data and salary statement along with MS consultants;
 - vii. Letter to DHC regarding salary/wages information from all contractors.

7.11 Downstream Fisheries Impact Management

- The DIM Team now preparing the work plan based on the recommendation given in the updated Socio-economic Baseline Report to mitigate the adverse impacts of the project.
- The revised proposal on the “Entrepreneurship Program for Fisheries Business Development” is under internal review.
- The team also worked on the proposal of forestry management plan of the ecology section under Environment for preparing a draft proposal.

7.12 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.

7.12.1 Monitoring of Compensation Payment Process at DK Branch in DC Office

At the end of reporting month, a total amount of PKR 18.95 billion was paid, including PKR 18.61 billion to 7,565 PAPs through 11,217 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 July 2022			Status during August 2022			Grand Total
		# of PAPs	# of CHQ	Amount (In Billion)	# of PAPs	# of CHQ	Amount (In Billion)	
1	All Components	7492	11126	18.48	73	91	0.13	18.61

7.12.2 Monitoring of Compensation Payment Process for Land Leasing of Kass Area

During August 2022, WAPDA Accounts Section did not release lease payment cheque to any PAP. At the end of reporting month, a total amount of PKR 548.3/- million was paid to the PAPs as lease, compensation for built-up properties and trees.

S. No.	Components	Status by July 2022			Status during Aug 2022			Grand Total
		# of PAPs	# of CHQ	Amount	# of PAPs	# of 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

7.12.3 Accounts Adjustment Submissions to WAPDA

Preparation and submission of summaries and supporting documents for Accounts Adjustment remained in progress. M&E Team reviewed all documents against summary sheets prepared and reviewed during August.

S. No.	Components	Status by July 2022	Status during Aug 2022	Grand Total
		Amount	Amount	Amount
1	Final Summaries Submitted to WAPDA	16,864,016,575	0	16,864,016,575
2	Preparation of Summaries and Supporting Booklets	16,994,495,662	1,150,814,222	18,145,309,884

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

At the end of August 2022, a total amount of PKR 77,014,875/- paid as TRP to 208 Resettlement Villages (PKR 66,160,000/-) and 86 self-opted (PKR 10,854,875/-) 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, a total of 09 cheques were issued to 09 AHHs from Tailrace Area Kuz Chuchang and RAR-01 (ROW) components, a total amount of PKR 855,000/- was paid during the reporting month. M&E team updated summary tables for reporting. Component wise details of TRP and allowances is given in table.

S. No	Component	Status by July 2022			Status during August 2022			Grand Total
		RVs	Self	Amount	RVs	Self	Amount	
1	Additional ROW (KKH-01)	6	4	4,550,749	0	0	0	4,550,749
2	Bar Chuchang	1	3	495,924	0	0	0	495,924
3	Khushi Access Road to VT	13	1	4,840,983	0	0	0	4,840,983
4	Khushi Dumping	9	8	5,172,651	0	0	0	5,172,651
5	Khushi to Logro	56	0	4,650,000	0	0	0	4,650,000
6	KKH-01 (ROW)	34	22	22,757,349	0	0	0	22,757,349
7	Logro	43	0	19,690,000	0	0	0	19,690,000
8	RAR-01 (ROW)	16	26	7,207,729	5	0	675000	7,882,729
9	Uchar Thoki (Uchar Contractor Camp-2 Thoki)	15	0	755,000	0	0	0	755,000
10	WAPDA Office & Colony	11	0	820,000	0	0	0	820,000
11	Zhongmei Camp	4	1	2,655,124	0	0	0	2,655,124
12	Khushi Access Road	0	18	2,235,461	0	0	0	2,235,461
13	Tailrace Area Kuz Chuchang	0	3	328,905	4	0	180000	508,905
Total		208	86	76,159,875	9	0	855,000	77,014,875

7.12.5 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. In total Working Committee prepared and submitted 1,696 ESMR files to Field Verification Committee.

During August 2022, a total amount of PKR 644 million paid as ESMR package to 184 AHHs. By the end of reporting month ESMR package was paid to 445 AHHs of batch-1, 2 and 3, total amount paid on account of ESMR is PKR 1,553.70 million.

S. No.	Batch	Total AHHs	Status by July 2022		Status During August 2022		Total	
			Paid AHHs	Amount (Rs. Million)	Paid AHHs	Amount (Rs. Million)	Paid AHHs	Amount (Rs. Million)
1	Batch-1	84	76	262.20	0	0	76	262.20
2	Batch-2	960	90	315.00	115	402.5	205	717.50
3	Batch-3	966	95	332.50	69	241.5	164	574.00
4	Batch-4		0	0.00	0	0	0	0.00
5	Batch-5		0	0.00	0	0	0	0.00
Grand Total		2010	261	909.70	184	644.00	445	1553.70

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

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

- Data entry of land compensation payments in MIS from received Qabzul Wasool remained in progress. During reporting period data entry of 10,395 (93% of total cheques/Qabzul Wasools) have been entered in MIS. Data entry of remaining Qabzul Wasools is in progress, a backlog of 822 Qabzul Wasools recorded by end of the reporting period.

- Total 84 SMR cheques issued to AHHs by August 31 2022 were entered in MS Excel Database and MIS.
- TRP cheques issue to 09 AHHs during reporting period, all these issue cheques entered in MS Excel database and updated summary tables. Also verified data entry of TRP payments in MIS and made correction where required.

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	31,837	50
2	Compensation Payment Entry in MIS	10,345	50
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	1160	0
6	SMR Cheques Entry in MIS	261	184

7.13 Development of Management Information System

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

7.14 Design of Ecology Modules

During the month under reporting, requirements for EMAPs platform and Ecology module were discussed, reviewed and analyzed. The EMAPs will contain three main systems which are Physical Environment, Ecology and OHS and each module will have its own login and accessing areas, input modules and reports but all three modules be integrated with each other to meet the project requirements

Following modules were developed/up-graded during the reporting period

- EMAPs Platform was analyzed
- Ecology modules and sub modules were identified
- Ecology Monitoring System was analyzed
- EMAPs Platform's Security Features were analyzed
- Understanding of Ecology mentioned in Biodiversity Activities

7.15 Design of Gender Action Plans Modules

During the month under reporting, the design gender action plans modules were analyzed and designed. The gender module input system was designed and implemented with basic features.

Following modules were developed/up-graded during the reporting period

- Gender input system was designed
- Gender module's features were design and developed
- Gender input module's web pages were designed and developed
- Gender module's basic Dashboard's web pages were designed and developed.
- 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.

7.16 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 July 2022	Progress during August 2022	Remarks
> Land Acquisition and Compensation Payment (LA & CP)				
1	Land Acquired (Acres)	4,629	00	Total land acquired 4,629 acres (92% of the total land)
2	Number of PAPs Compensated	7,492	73	Total PAPs compensated 7,565
3	Compensation Paid (M. Rs)	18728.46	129.41	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)	182	01	GIS Verification of KKH-02 has almost been completed while few components of KKH-01 are remaining
5	GIS Verification Completed (Area of Components in Acres)	5,315.40	00	
> Resettlement & Relocation (R&R)				
1	Number of Resettlement Sites Completed	2	00	Two resettlement sites Uchar RV-01 & Chuchang Additional completed and handover to the community 5th November, 2020
2	Number of HHs received TRP relocating to RVs	137	00	Majority of AHHs residing in Project area and some of them shifted to down districts

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Sr. No	Key Performance Indicator (KPI)	Status by July 2022	Progress during August 2022	Remarks	
3	Total TRP (Batch-5) Paid to AHHS relocating to RVs (M. Rs)	37.835	0.86		
4	Number of HHs received TRP relocating on SMR	72	00	Majority of AHHS residing in project area and some of them shifted to down districts	
5	Total TRP Paid to AHHS relocating to RVs (M. Rs)	29.055	00		
6	Total TRP & Allowances Paid (M. Rs) Sr. No 3 & 5	66.80	0.86		
7	Self-Managed Relocation Package paid to AHHS (Batch-1)	7.119875	7.119875		
8	Amount of Allowances Paid to Batch-1 HHs relocating on SMR (M. Rs)	3.735	00	Paid Rs.15000 per head for 3 Quarters and then stopped	
9	Total SMR & Project Allowances Paid to AHHS -Batch-1 (M. Rs) Sr. No. 7&8	10.854875	00		
12	Total Amount Paid to AHHS of Sr. No.6&9	77.654875	0.86		
13	No. of AHHS Received ESMR	261	184		
14	Total amount of ESMR Paid	909.70	644.00		
15	Amount of Allowances Paid to Owners of Commercial Structures (M. Rs)	3.8992	00	Including dislocation, Shifting and Covered Area Allowance per square meter	
16	Total Amount Paid to AHHS including Sr.No.12+14+15	991.254075	644.86		
➤ Public Consultation and Participation (PC&P)					
1	Number of Consultation Meetings Conducted	775	05	Various meetings were conducted regarding ESMR Package.	
2	Percent issues / disputes resolved	84	88	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)	79	83	% PAPs from related villages presented during the meetings	
4	Percentage of their suggestions taken into account	88	72	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	
4	Number of interviews related to UCM Survey completed and ongoing	2054	---	----	
5	Number of Capacity Building Trainings Conducted	10	---	10 vocational/capacity building trainings conducted in different trades	
6	Number of Local Youth Benefited from Trainings	228	---	Batch 1,2,3&4	45 Youth
				5 th & 6 th batch	37 Youth
				7 th batch	26 Youth
				8 th batch	86 Youth
				Fisheries (7days)	24 Youth
	Journalist (10 days)	10 Journalist			
➤ Local Area Development Program (LADP)					
1	Total Number of Schemes Identified	40	40	Total schemes revised & finalized by WAPDA so far	
2	Number of Schemes Completed	01	--	Solar Street Light Scheme completed in July 2020	
3	Number of Schemes under construction	04	04	Jalkot Bridge, Jamia Mosque Komila, RHC, and Sanitation Scheme Komila	
4	Number of Schemes Awarded	01	01	Package-1 (Five Link Roads)	
5	Number of schemes where work has been commenced / started	--	--		
6	Number of Schemes under Bidding Process	03	03	120 Solar Lights, Computer Labs Equipment and Solar System for Computer Labs	
7	Number of Schemes for which Design has been Completed & under Review	05	05		
8	Number of Schemes for which feasibility has been Completed & under Review	07	07		
9	Number of Schemes under Feasibility & Design Process	15	15		
10	Schemes where Design not started yet	06	06		
11	Schemes Cancelled	04	04		
12	Percent LADP Budget Utilized	5.97	5.97		
➤ Public Health Implementation Plan (PHIP)					
1	Number of Medical Camps Organized	09	01	Ten medical camps organized from February 2017 to August 2022	
2	Number of Males Treated	3,227	60	Total patients treated in 10 medical camps	
3	Number of Females Treated	4,056	91		
4	Number of Children Treated	3,854	147		
5	Number of Capacity Building Trainings Conducted	02	--	Training of two batches (48 local Ulemas) was conducted in Islamabad in December 2019 and February 2021.	
6	Number of PH Schemes Completed	--	--		
7	Number of PH Schemes Under Process	02	--	Rehabilitation of RHC and Procurement of Ambulances	
8	Total PH Budget (Million Rs)	1500	00		
9	Percent Budget Utilized (Million Rs)	1.46	0.30		
➤ Gender Implementation Plan (GIP)					
1	Number of Gender Core Workgroup Program (GCWP) Quarterly Meetings Conducted	02	--	- Discussion has been made with WAPDA to plan after establishment of concrete activities	
2	Number of Gender Sensitization Sessions Conducted with CGBT / WVCs	19	--		

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Sr. No	Key Performance Indicator (KPI)	Status by July 2022	Progress during August 2022	Remarks
3	Number of Gender Sensitization Sessions Conducted with Various Target Groups (PMU, DHC, Contractor, and other stakeholders)	5		Informal coaching sessions on need based are found highly important and useful. These had served the change in their thinking, attitude and practice in a gender sensitive context. This is a continue approach used as and when required in various situations arose.
4	Number of VTCs established	01		Proposal on 'Enhancing Vocational Skills of Local Women' has been approved. Teacher identification is in process and a formal meeting has been conducted with Director TEVTA, Peshawar and Principle and Administration of Abbottabad and Mansehra Vocational Centers are taken on board for the same.
5	Number of GIP Information Centers Identified	01	06	06 locations identified in Shatial and Sazeen in consultations with health department
6	Number of GIP Information Centers Established	-	-	Plan is in process to establish women community centers at village level, these will be equipped with project related information and will serve as project Information Center as well
7	Number of Schools Covered under Health & Hygiene Program	02		In this regard 2 sessions were conducted with two villages and mothers and children were exposed to health and hygiene practices.
8	Number of Project Staff (including Contractor's staff) Benefited from sensitization trainings	80	2	Two staff members are sensitized and facilitated a literacy center for women in their village
9	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	02		Next Visit of third batch is Planned in month of September / October. List of potential Religious Leaders is in progress. A draft list has been provided by two religious leaders. A follow-up workshop is ready to conduct. Agenda, design and material is developed. List of proposed ulema is prepared.
10	Number of Ulemas Benefited	51	2	Two Ulemmas individual coaching sessions have helped draft a list of other religious leaders in Kohistan Upper.
11	Percent of women using health facilities in project area	25	5	Figure is updated from the field experience, in Shityal, where a private lady doctor has started her clinic and women are easily accessing the health services.
12	Percent of women engaged in Income Generating Activities in the Project Area	30	8	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	3,292	2,858	Workforce data includes staff (including labor) of all contractors, DHC, and WAPDA
2	Local Staff working on DHPP	1,851	1,164	
3	Non-local Staff working on DHPP	977	1,207	
4	Foreigner Staff working on DHPP	464	487	
5	Number of Awareness Sessions on CoC Conducted with Community	26	01	One awareness session has been conducted with community during the reporting month.
6	Number of Total Participants in Community Awareness Sessions	404	15	
7	Number of Awareness Sessions on CoC Conducted with Labor	54	01	Two awareness session has been conducted during the reporting month with the labor and staff of CGICOP and PCCCL.
8	Number of Total Participants in Labor Awareness Sessions	1,066	11	
9	Number of visits for Camp Inspection	77	01	Continuous activity. By January 2022 various contractors' camps were visited 77 times to monitor the compliance. In January 2022, one camp was visited; M/s CGGC Barseen.
➤ 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	82	01	All project events including important meetings, ceremonies, exposure visits, and other events
➤ Grievances Redress Plan (GRP)				
1	Number of Grievances / Complaints Received	350	00	Complaints received since 2015
2	Number of grievances / complaints redressed / resolved	347	00	Total 308 grievances resolved by December 2021
3	Percent of grievances / complaints redressed / resolved	99	0	
4	Number of New Complaints received	01	0	
5	Number of grievances / complaints under process of resolution	04	04	
6	Number of grievances stand unresolved	02	02-	
7	Number of IGRC Meetings conducted	02	-	
➤ Downstream Impact Management Plan of Fishing Communities (DIMP)				
1	MoU signed with the Provincial Fisheries Department	Under Process	Under Process	MoM of last meeting with Fisheries Deptt are under discussion
2	Updating of Baseline Survey Started	Draft Report Completed	Final Report Completed	The Consultancy will be completed in April 2022

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Sr. No	Key Performance Indicator (KPI)	Status by July 2022	Progress during August 2022	Remarks
3	Number of IEC Material (Brochures / Pamphlets) prepared printed & distributed	–	–	Reviewed by Communication section, shared with Fisheries Deptt; KPK for technical review and will be published soon
4	Number of Awareness Sessions conducted with Community	–	–	Awareness sessions regarding illegal fish catch and conserving local fish will be carried out through Fisheries Department after MoU
5	Number of Awareness Sessions conducted in Schools / Colleges	–	–	
Internal Monitoring and Evaluation(M&E)				
1	Compensation Payments (in Billion)	18.48	0.13	
2	Compensation Payments Entries in MIS (Number)	10345	50	
3	Preparation of ESMR Files	1569	0	
4	Release of ESMR Payment (in Million)	909.7	644	
5	ESMR Payment Data Entry in MIS	261	184	
6	TRP Payments (in Million) (AHHs & Commercial Structure)	80.06	0.855	
7	TRP Data Entry in MIS (Number)	1136	9	
8	Preparation of Compensation Payment Summaries for WAPDA Submission (Million)	16.9	1.15	
9	Submissions of Compensation Payment Summaries to WAPDA for Adjustment (Million)	16.86	0	
10	PAPs Documents Organization (Number)	31,837	0	
11	PAPs Documents Uploading in MIS (Number)	23,111	0	
12	Development and Operationalization of MIS Developed Modules	9	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 to be Developed	18	18	Detail is given in MIS Section
2	Number of Modules Completed	09	09	Land Acquisition, Resettlement, IGRC, LADP, IMM,PH, Reporting System, Web Portal, Lease
3	Number of Modules Partially Completed	01	01	Environment
4	Number of Modules in Progress / Up-grades	02	03	Environment Reporting system, Ecology and Gender
5	Number of Remaining Modules (Development yet to be started)	6	5	PC&P, DFIM, OH&S, Communication, M&E
6	MIS Development Work Completed (%)	74	76	

7.17 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 84% 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 AHHs 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
Income and Livelihood Restoration Program (ILRP)			
1	Survey/Assessment on Efficient Utilization of Compensation Money	Continues activities	Continues activities
2	Proposal on Fish Farm		Proposal will be finalized soon
3	Assessment of Commercial Structure	Survey in progress	Assessment will be start in September, 2022 on right bank
4	Working with resettlement team regarding SMR files	Continues activities	Continues activities

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Sr. No	Activity	Timeline	Status / Remarks
5	Working on SMR paid files for project allowance	Continues activities	Continues activities
> Local Area Development Program (LADP)			
1	Preparation of Bidding Document of remaining schemes	Continuous	
2	Finalization of Design of remaining schemes	Continuous	
3	Finalization of Feasibility assessment of remaining schemes	Continuous	
4	Preparation of design of remaining 06 schemes (Not yet started)	Continuous	
5	Supervision of construction works of 02 schemes (Jalkot Bridge and RHC)	Continuous	
> Public Health Implementation Plan (PHIP)			
1	Finalization of PH schemes (under PHIP) in consultation with Provincial Health Department	Delayed In progress	List of priority PH schemes have been finalized for implementation
2	Procurement of 02 well equipped Ambulances to be handed over to Health Department Kohistan (Upper)	Delayed	Under Process
3	Holding Medical Camps	Continuous	The planning of next medical camp in June 2022 in progress
> Gender Implementation Plan (GIP)			
1	Third Meeting of Gender Core Workgroup	Process will be initiated in August for the 3 rd meeting	Discussions have been made with WAPDA and a letter was also issued to WAPDA, it was observed and advised to plan this high profile meeting once we have some concrete interventions.
2	Visit to Kuz Chuchang site for Establishment of VTC for a group of 25 Women.	2nd Week of September	Pilot Phase Training center in Kuz Chuchang Village will be started in August as the observations/ comments by WAPDA office are addressed by DHU Project and revised proposal is approved. Process of teacher identification is in progress and at the stage of finalization. Request for the course is coming from other villages as well and this activity is creating much acceptance in the communities by women, men, girls etc.
3	Follow-Up sessions with Ulema, who received trainings from International Islamic University Islamabad	3 rd Week of September due to flush floods in the district	Proposal is approved and a follow-up workshop with religious leaders is planned in 3 rd Week of September, 2022. Engaging the Ulema through a process oriented approach for their continue role in mobilizing communities from an Islamic Perspective will lead to translate the theory into practice, with a progress tracking and action planning methodology and tools.
4	Gender Sensitization Session With CBGT/ WVCs in selected Villages	Last Week of September	Awareness sessions with women group in Kuz Chuchang and Rango villages will be conducted
5	Gender Sensitization session held with Various Target Group (PMU, DHC, Contractor and other Stakeholders)	last week of September to 1 st week of October	Development of Gender Awareness and Sensitization module will be Printed And session will be conducted in August-September
6	Preparation of Implementing Plan on SH&HP for further villages and follow ups with the existing villages	1 st week of September	As the Schools of Project area are closed for summer vacations, The activity will be conducted with mothers and children in the communities.
7	Implementation on EPP Plan will be decided in GCW Meeting	A concept note for Literacy Courses and Community Girls' Schools will be developed during September, 2022	A formal Meeting with director Elementary Education Foundation has been conducted and a concept note for Literacy Courses and Community Girls' Schools will be developed during September, 2022.
8	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	Preparations for 3 rd group of Ulemas will be finalized during the month of September	3 rd . batch of Ulemas has been identified proposal developed for a week residential training session at Islamic University Islamabad In September and October.
> In-Migrant Management Plan / Management Plan for Construction Related Impacts (IMMP)			
1	Collection of workforce data and entry in MIS	Continuous activity	Workforce data of March will be organized and entered into MIS by September, 2022
2	Awareness Sessions with Labor	Continuous activity	3 Awareness Session will be conducted with labor at RAR-01 andKKH-01 and MW-02.
3	Awareness Sessions with Community	Continuous activity	New IMM Specialist will join soon
4	Camp Inspection	Continuous activity	CCECC Uchhaar & CGGC Pakistan Labor Camp Uchaar camp will be visited during September, 2022.
> Communication Plan (CP)			
1	Review, finalization, printing and distribution of 3 rd newsletter	Delayed	3 rd and 4 th newsletters are under preparation. Not achieved within planned time
2	Editing & finalization of baseline documentary		A separate contract with the media house for editing of documentary is in progress
3	Installation of Digital display screen (SMD) in project area.		Completed & installed. Further working to display information
4	Management of Web Portal		Updating of web portal design and uploading of most recent information in progress
5	Media Coverage of DHPP Events	Continuous	Coverage of major DHPP events on social media and press releases
> Grievances Redress Plan (GRP)			
1	Meetings of IGRC Members for resolution of pending cases	Delayed	Meeting could not be conducted in the reporting month
2	Entry of existing complaints into MIS	Delayed	CMS has been completed by MIS Specialist. Data has been entered

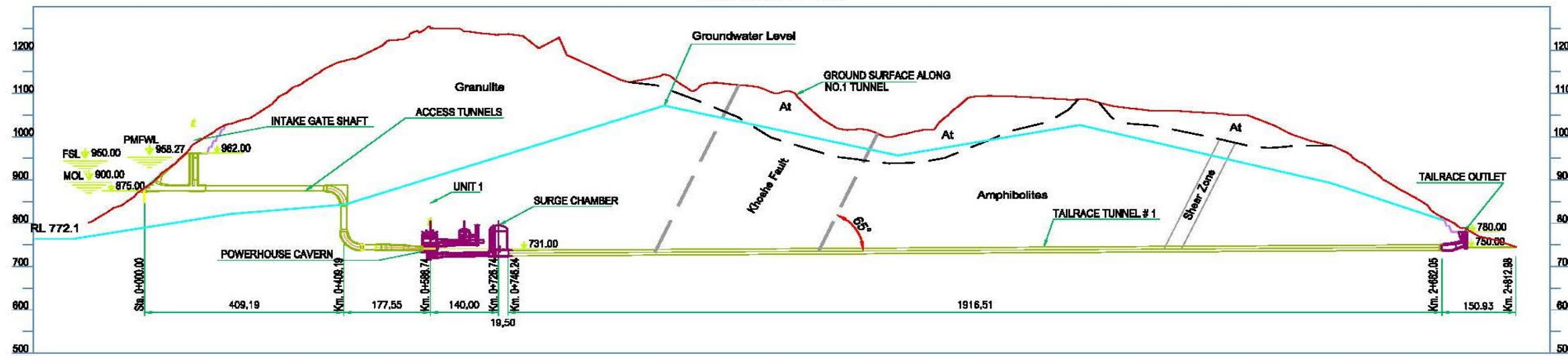
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Sr. No	Activity	Timeline	Status / Remarks
3	Registration of new grievances / complaints	Continuous	New complaints will be registered and entered into the system
4	Preparation of updated reports	Continuous	Report for next month will be prepared
➤ Downstream Impact Management Plan of Fishing Communities (DIMP)			
1	Follow-up with Provincial Fisheries Department to finalize MoU for signing	Delayed	MoU not yet finalized and being followed up with Fisheries Department.
2	Publishing of Booklet on "Importance of Fisheries and Cultivable Fish"	Delayed	Under review process with Fisheries Department, KPK.
3	Draft Proposal on Fisheries Entrepreneurship Program	Delayed	Meeting with fish farmers and field visit to be conducted.
➤ Internal Monitoring and Evaluation(M&E)			
1	Submission of MPR on M&E Section	03-09-2022	
2	Preparation of Compensation Payment Summaries/Submissions	30-09-2022	
3	PAPs documents uploading	Continuous	
4	Support in Development of MIS	Continuous	
5	Compensation and TRP Payments	Continuous	
6	Verification and preparation of files for SMR Package	Continuous	
7	Preparation and Review of ESMR Files	Continuous	
8	Monthly M&E Reports on SRMP (Jul and Aug)	15-09-2022	
➤ Development of Management Information System (MIS)			
1	Development of Gender Module's input and output systems	September 2022	Development of all features of Gender's modules and sub modules
2	Technical Support / development of new features in existing modules if required	September 2022	Maintenance of developed and operational modules. It can include improvements in existing systems, addition of new features in existing modules as per requirements

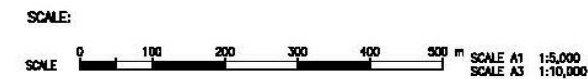
FIGURES



LAYOUT PLAN



WATERWAY PROFILE



DASU HYDROPOWER PROJECT



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

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

DASU HYDROPOWER CONSULTANTS DATE: 03 OCT 2018

DRAWING No. 111-003

Rev. No.	DATE	REVISION	Appr.
Prepared		Reviewed	Approved

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

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

Figure 2: Layout Plan & Waterway Profile

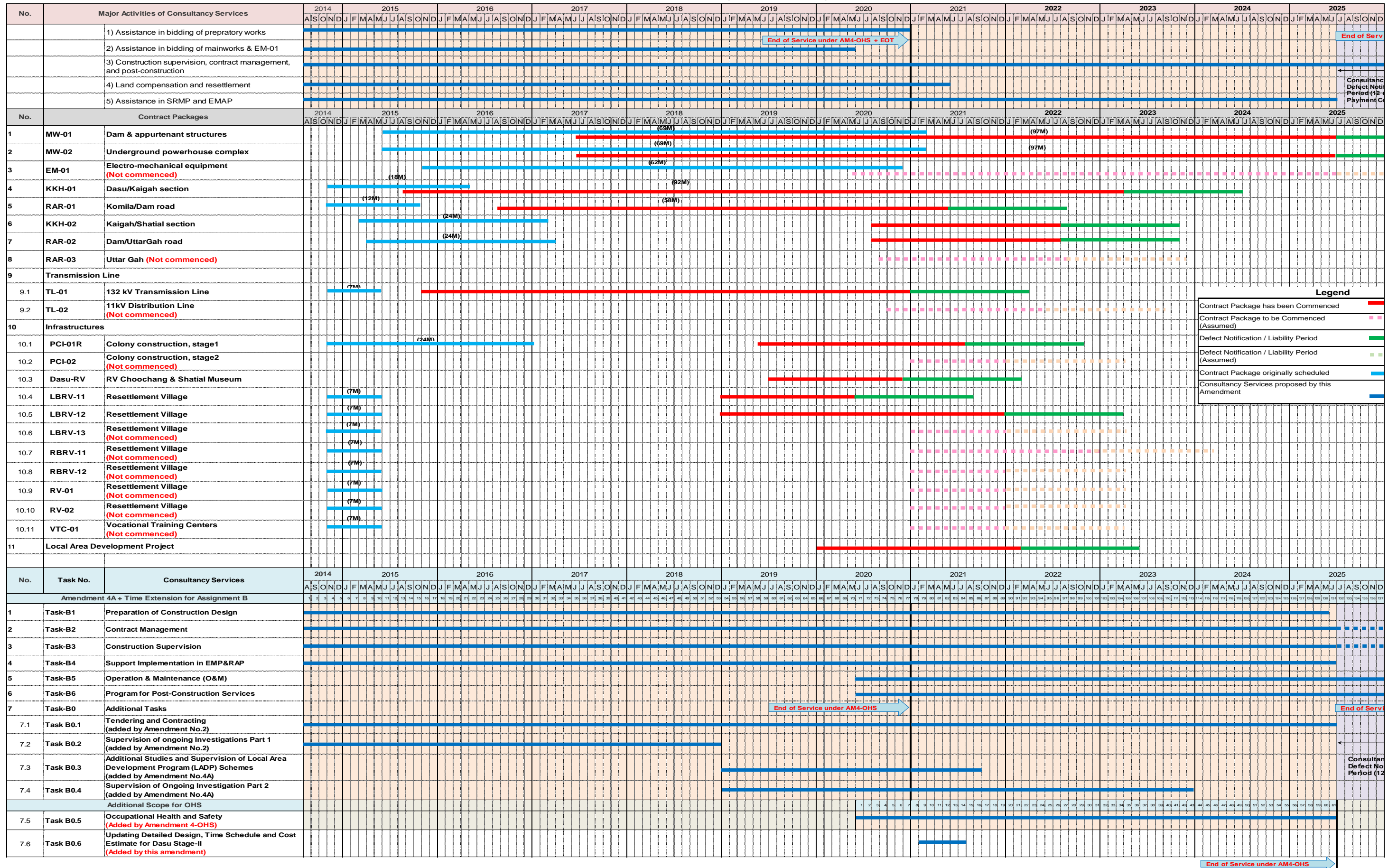


Figure 3: Implementation Schedule

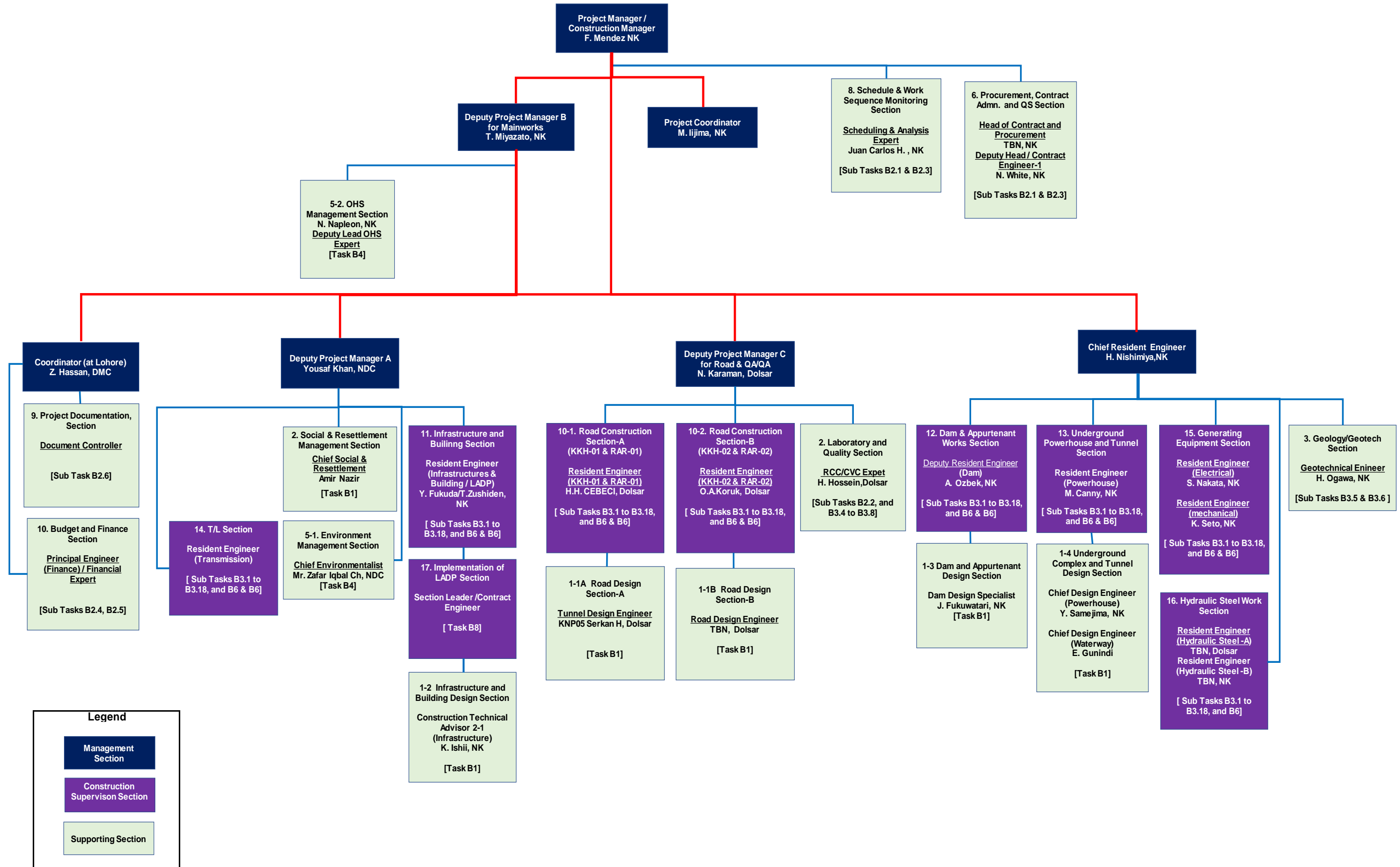


Figure 4: Organization for Consultant Team of Dasu Hydropower Project for Assignment-B

**Work Progress
Upto Reporting Month**

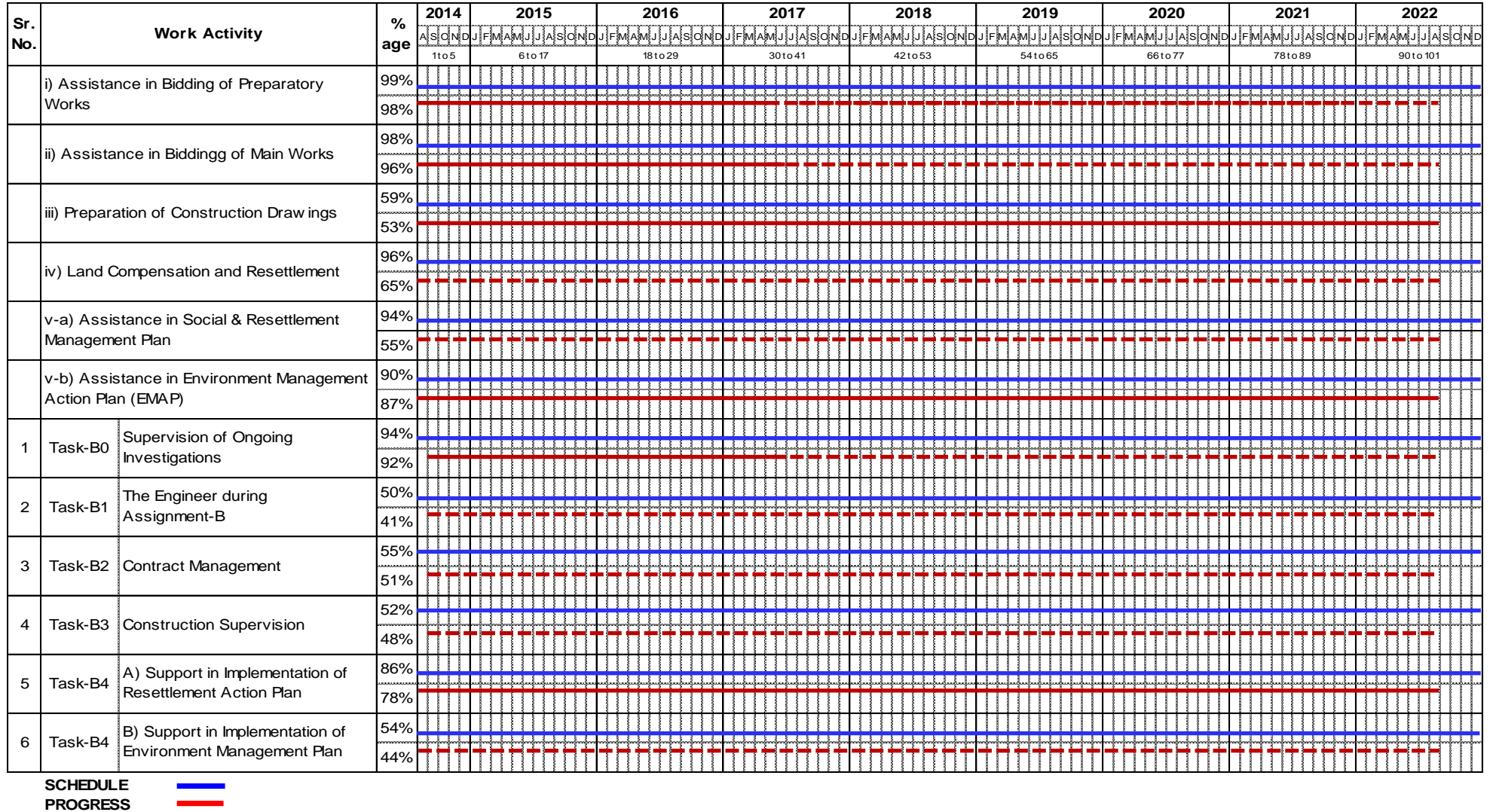


Figure 5: Work Progress

DASU CONTRACTS PROCUREMENT SCHEDULE (August, 2022)

Sr. No.	ACTIVITY	2020												2021												2022												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	Bid of KKH-01	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
2	Bid of RAR-01	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
3	Bid of TL-01	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
4	Re-Bid of PCI-01R	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
5	Re-Bid of DASU-RV	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
6	Bid of KKH-02	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
7	Bid of RAR-02	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
8	PQ of RAR-03	[Empty]																																				
9	Bid of RAR-03	[Empty]																																				
10	Bid of Resettlement Villages LBRV 11, LBRV 12 & RBRV 11	[Blue bar from Jan 2020 to Aug 2022]																																				LBRV11 & 12 Under Progn
11	Bid of Resettlement Villages LBRV 13, RBRV 12, RV-01, RV-02	[Empty]																																				
12	Bid of PCI-02	[Green bar from Dec 2021 to Aug 2022]																																				
13	Bid of VTC-01/Technical College	[Empty]																																				
14	Bid of MW-01	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
15	Bid of MW-02	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress
16	Bid of EM-01	[Blue bar from Jan 2020 to Aug 2022]																																				Work Under Progress

Legends

PQ Application Period	[Blue bar]	WAPDA/WB Approvals	[Red diagonal lines]
PQ Evaluation	[Black bar]	Negotiations and Award of Contract	[Grey bar]
Bid Period	[Pink bar]	Revision/Preparation of Documents	[Green bar]
Bid Evaluation	[Red bar]	Commencement Issued & Work in Progress	[Blue bar with triangle]
		Commencement	[Blue triangle]

Figure 6: Contracts Procurement Schedule

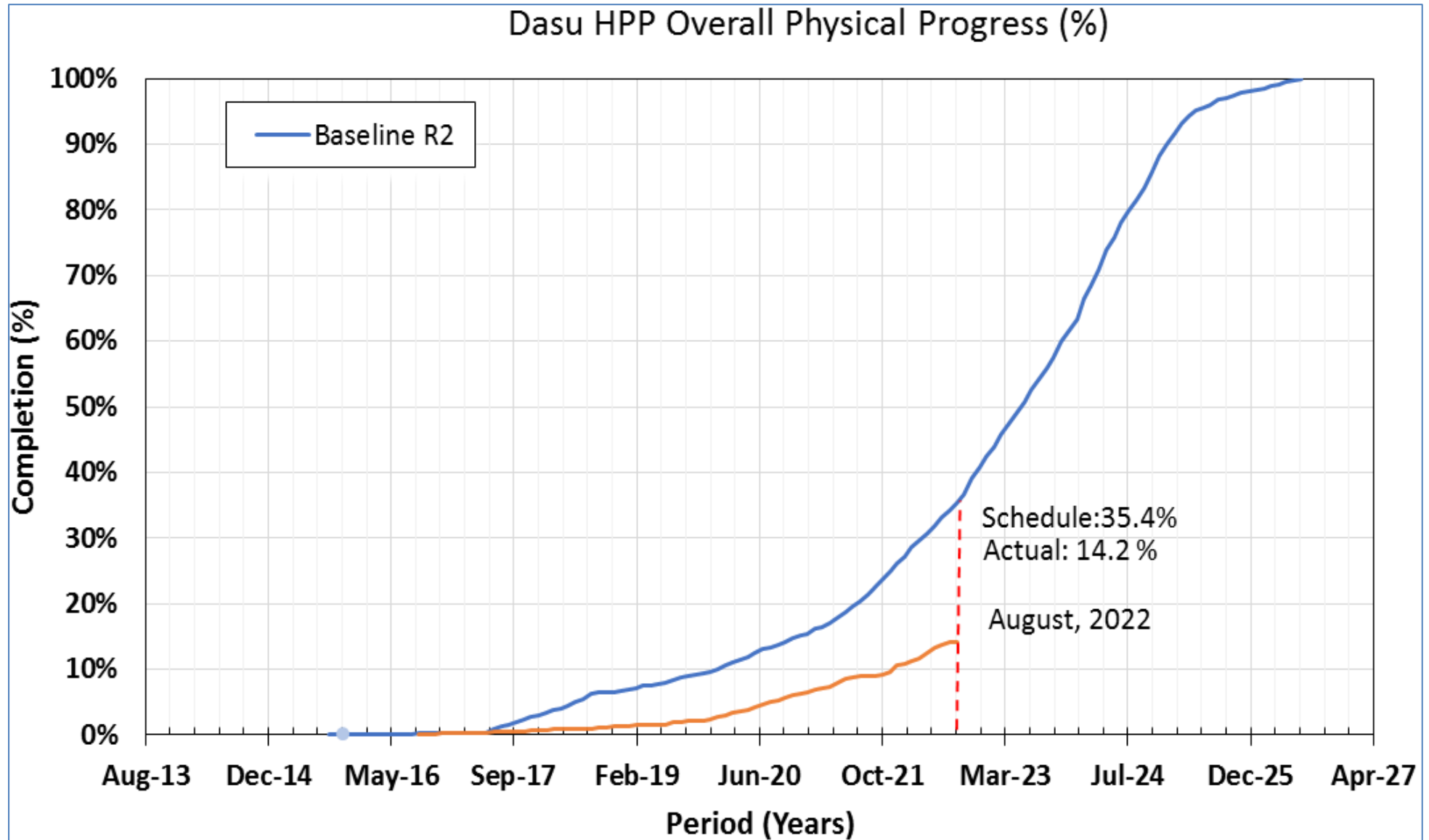


Figure 7: Dasu HPP Overall Progress (Physical Progress)

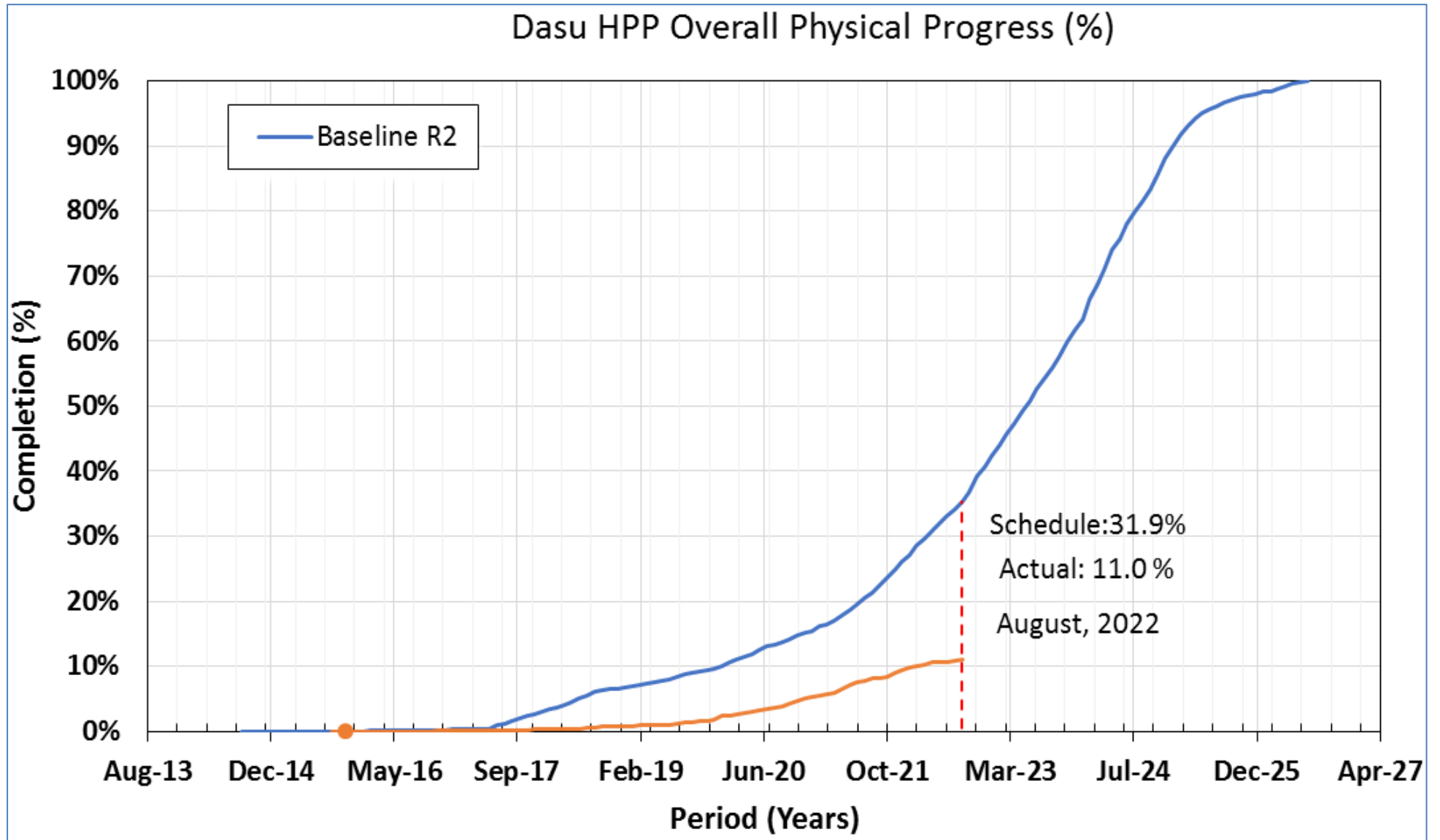


Figure 8: Dasu HPP Overall Progress (Financial Progress)

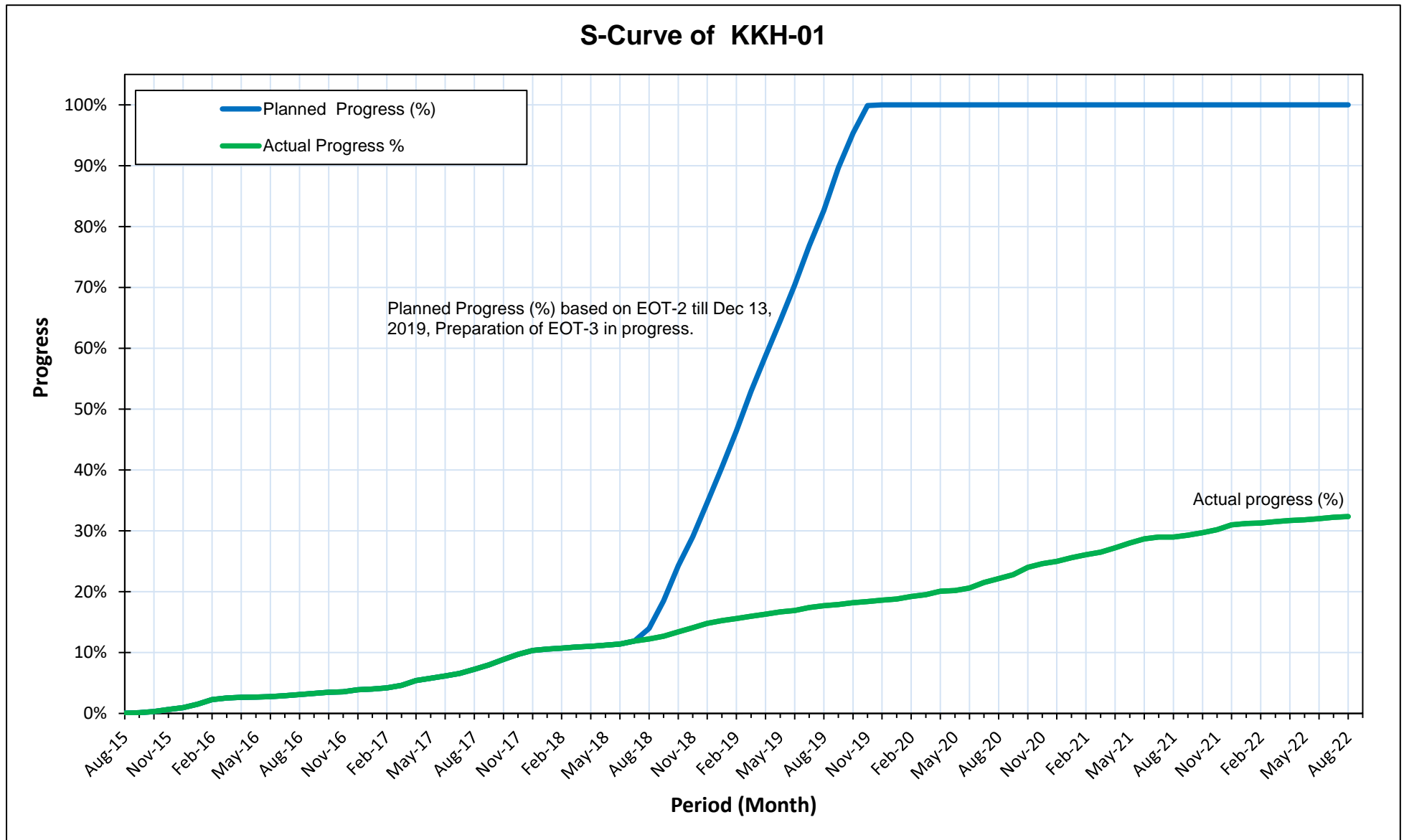


Figure 10: S Curve for Dasu-KKH-01

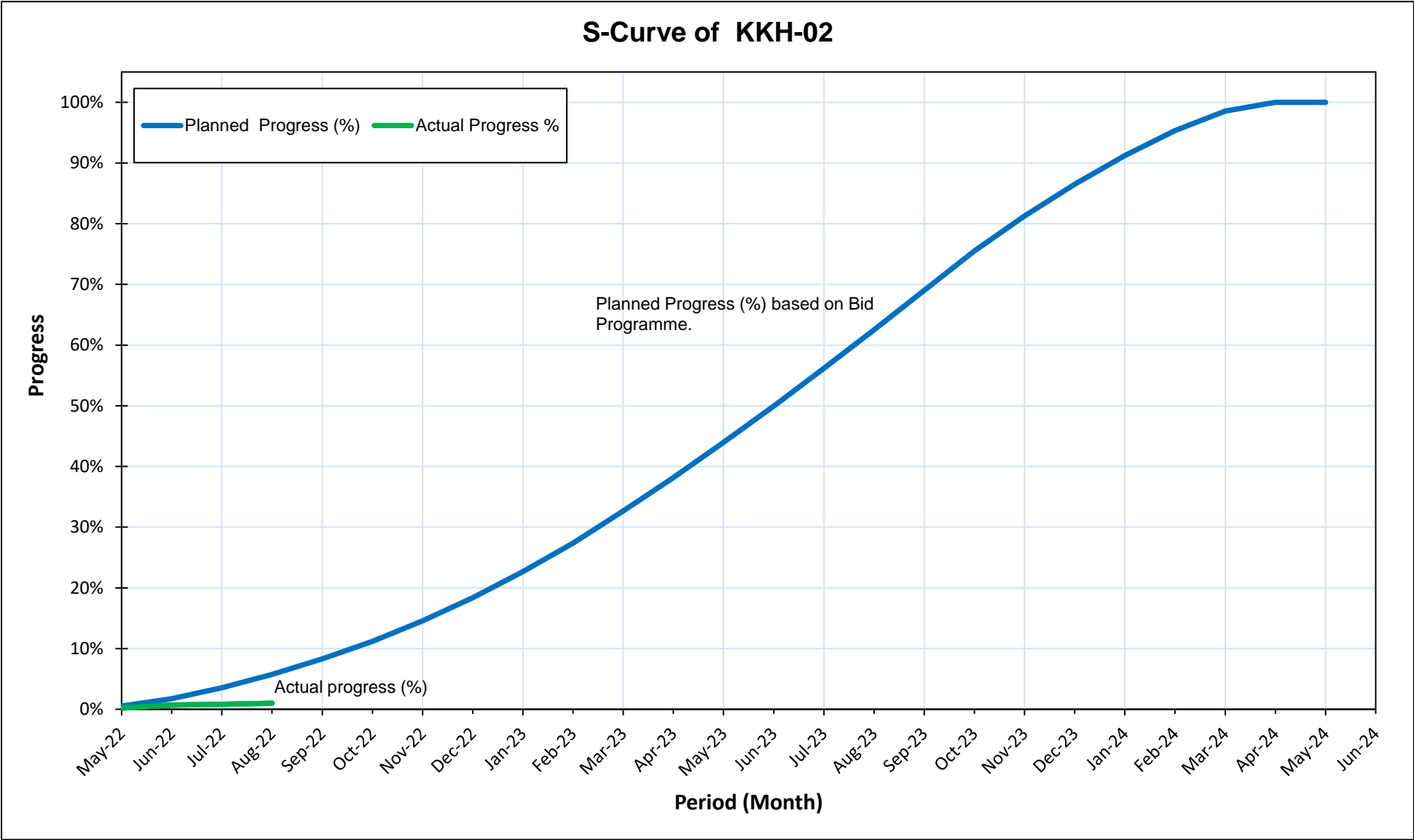


Figure 11: S Curve for Dasu-KKH-02

Figure 11 [1/6]

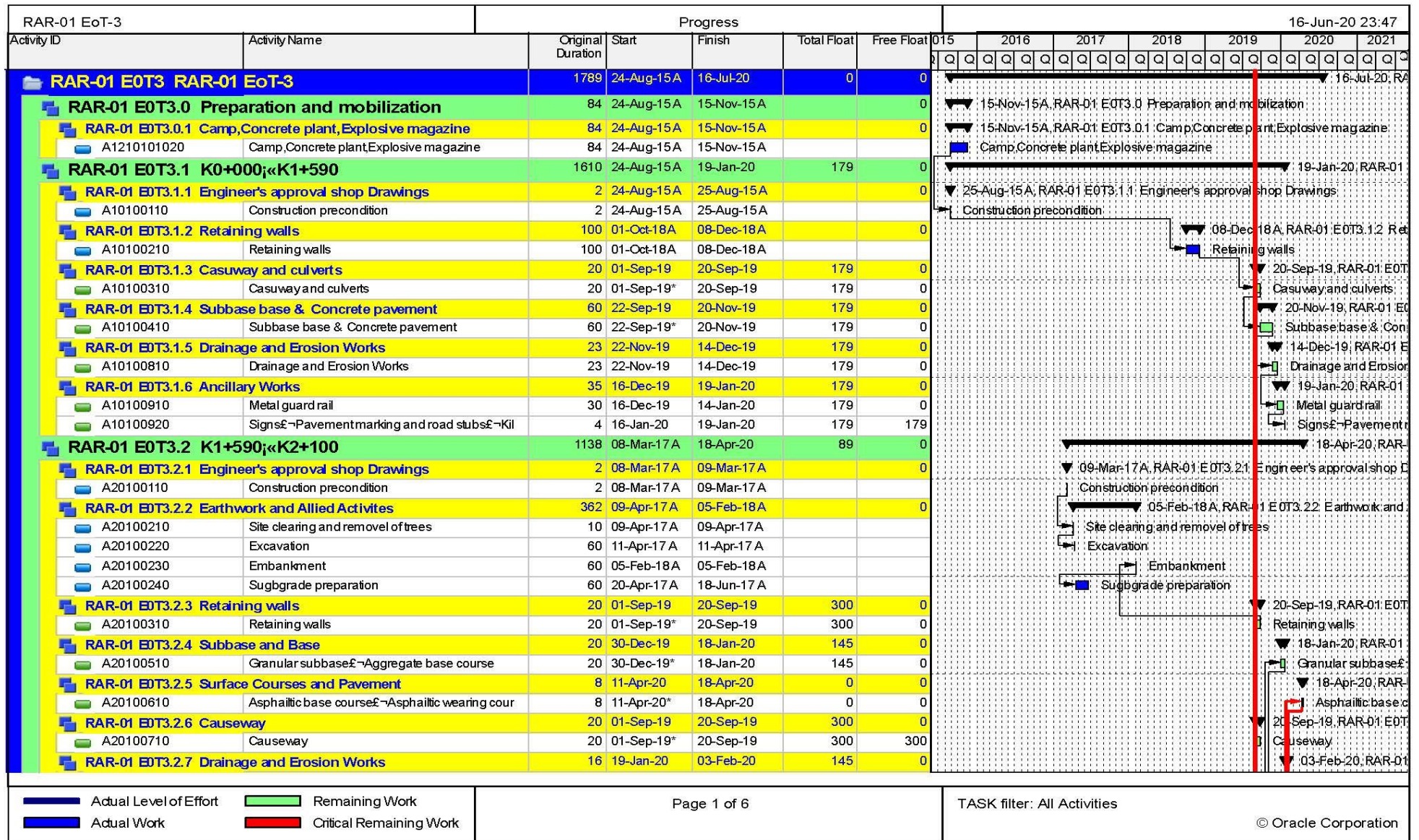
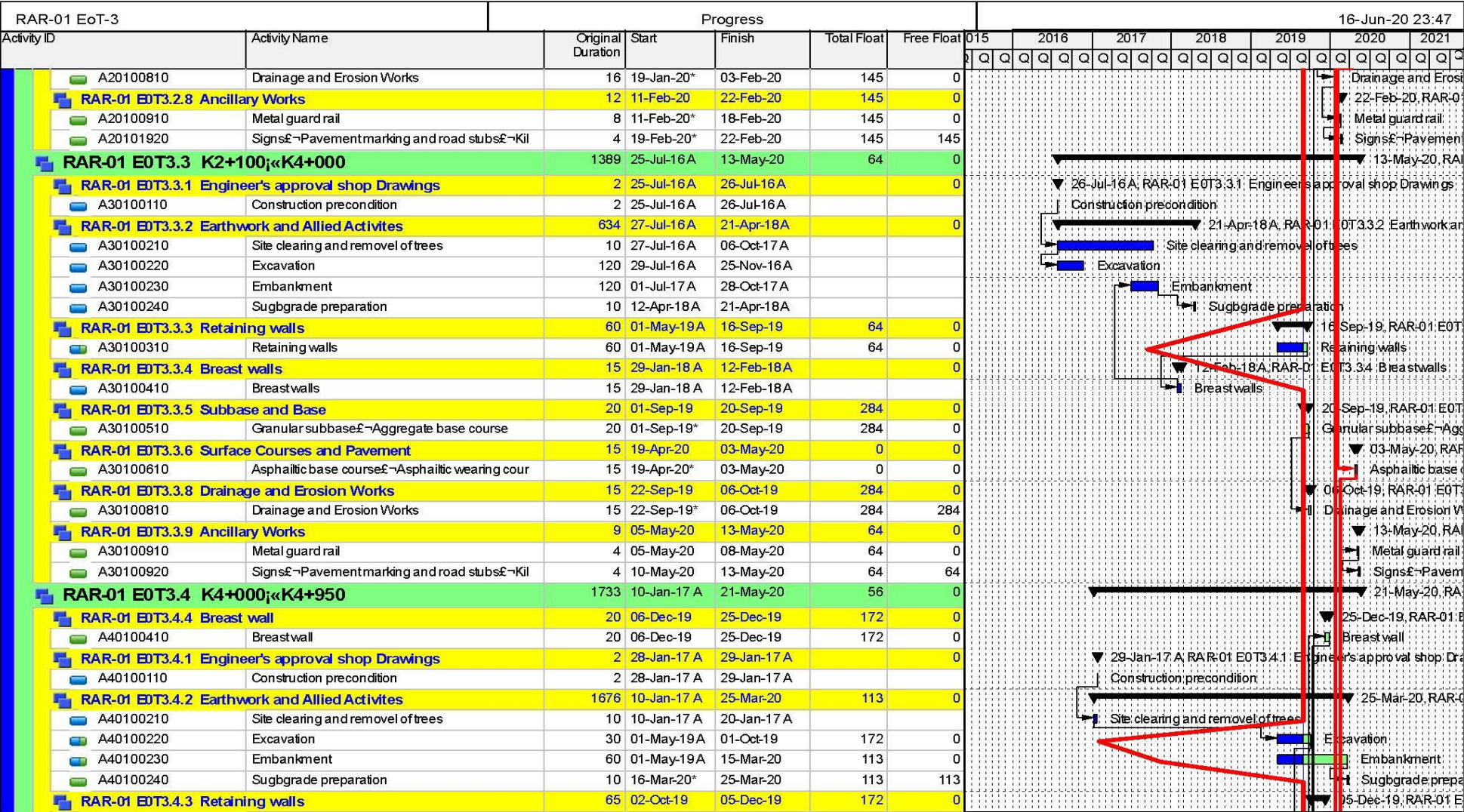


Figure 12: Gantt Chart of Dasu-RAR-01 (1 of 6)

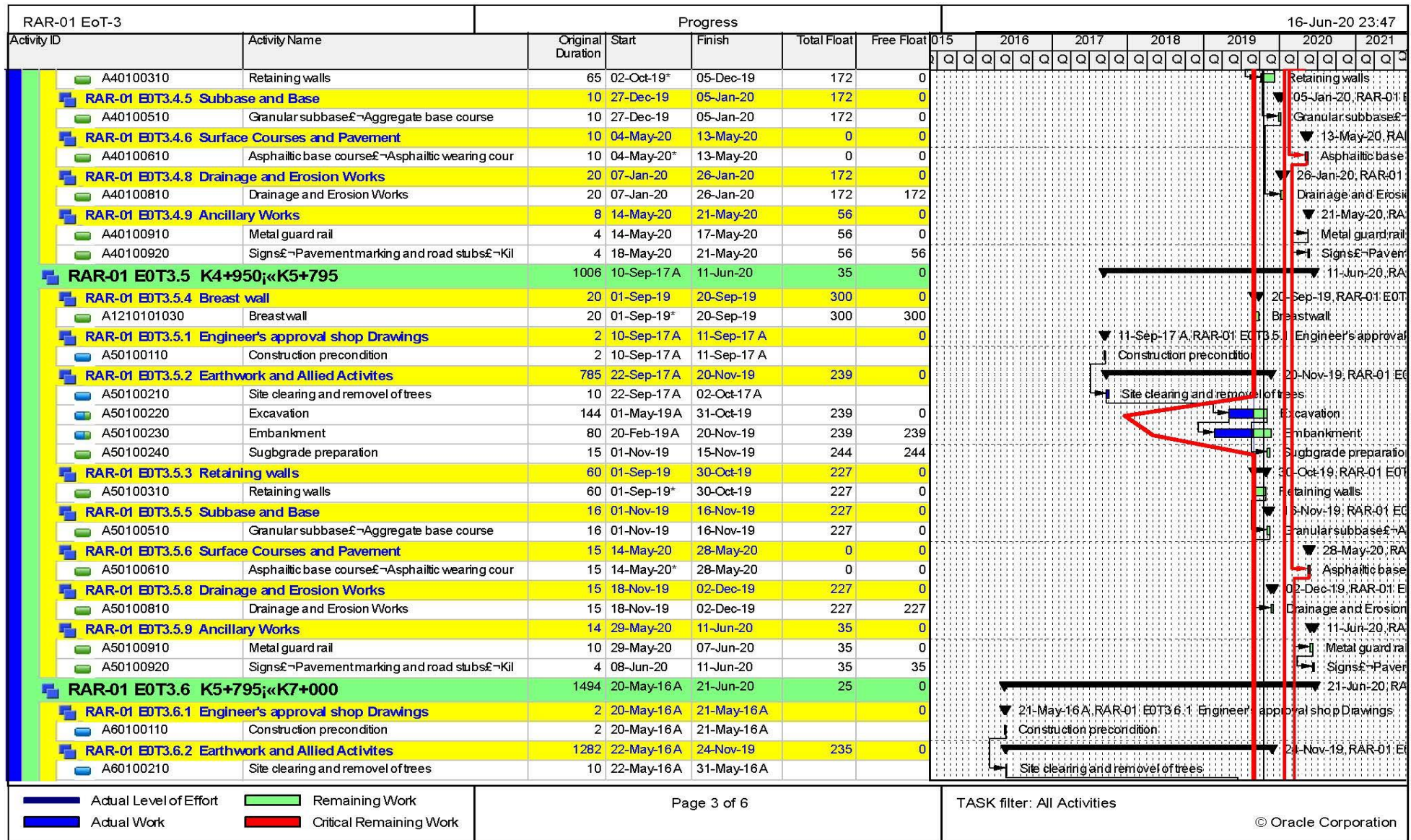
Figure 11 [2/6]



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

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

Figure 11 [3/6]



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

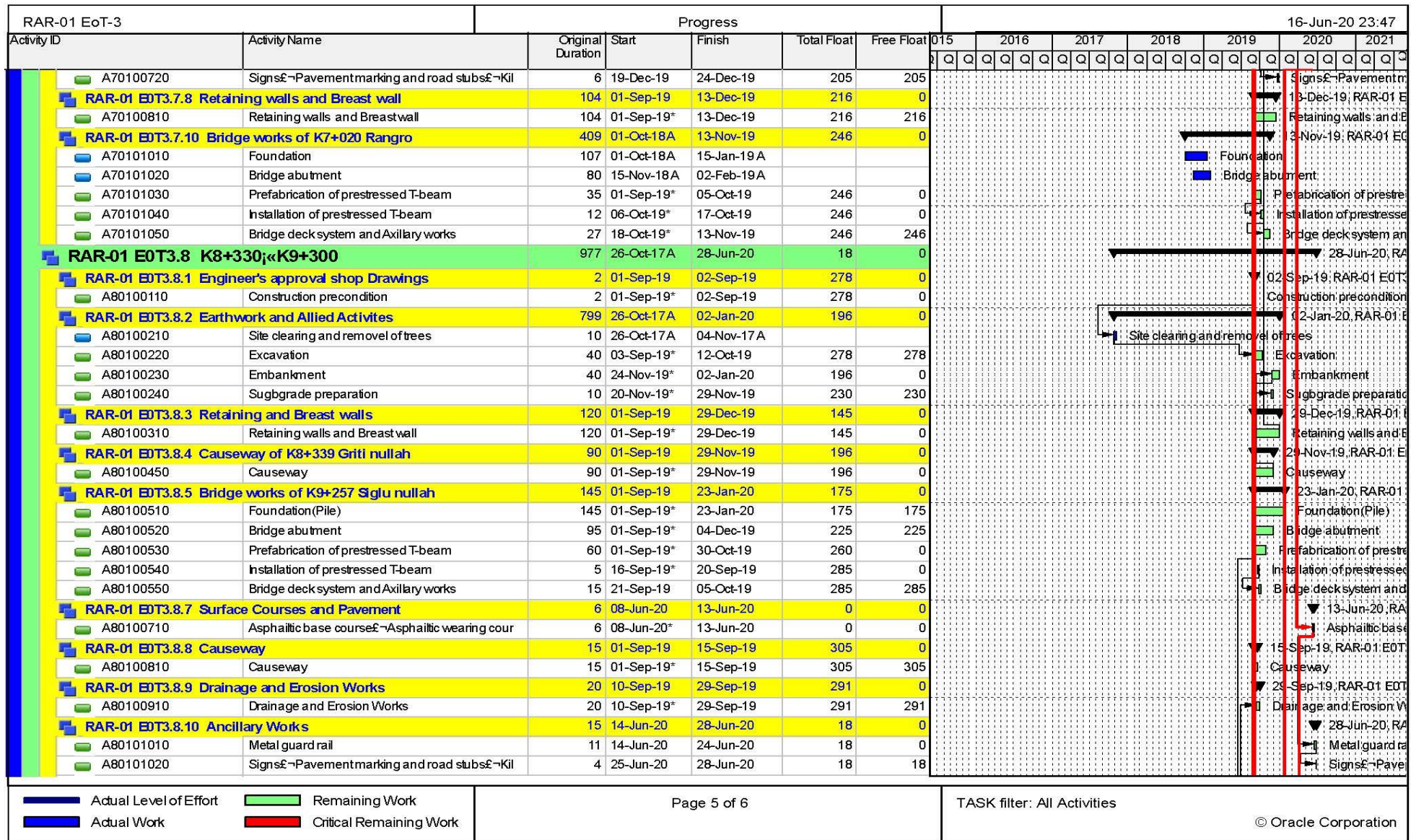
Figure 11 [4/6]

RAR-01 EoT-3		Progress					16-Jun-20 23:47																
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Free Float	2015	2016			2017			2018			2019			2020			2021
A60100220	Excavation	60	01-Sep-19*	30-Oct-19	168	0																	
A60100230	Embankment	80	06-Sep-19*	24-Nov-19	235	235																	
A60100240	Subgrade preparation	10	01-Nov-19*	10-Nov-19	249	249																	
RAR-01 EDT3.6.4	Breast wall	50	01-Sep-19	20-Oct-19	270	0																	
A60100410	Breastwall	50	01-Sep-19*	20-Oct-19	270	270																	
RAR-01 EDT3.6.3	Retaining walls	65	16-Oct-19	19-Dec-19	210	0																	
A60100310	Retaining walls	65	16-Oct-19*	19-Dec-19	210	0																	
RAR-01 EDT3.6.5	Culverts	60	31-Oct-19	29-Dec-19	168	0																	
A60100510	Construction of K6+355 box Culverts	60	31-Oct-19*	29-Dec-19	168	0																	
RAR-01 EDT3.6.6	Subbase and Base	12	31-Dec-19	11-Jan-20	168	0																	
A60100610	Granular subbase & Aggregate base course	12	31-Dec-19	11-Jan-20	168	0																	
RAR-01 EDT3.6.7	Surface Courses and Pavement	5	29-May-20	02-Jun-20	0	0																	
A60100710	Asphaltic base course & Asphaltic wearing course	5	29-May-20*	02-Jun-20	0	0																	
RAR-01 EDT3.6.8	Causeway	20	25-Oct-19	13-Nov-19	246	0																	
A60100810	Causeway	20	25-Oct-19*	13-Nov-19	246	246																	
RAR-01 EDT3.6.9	Drainage and Erosion Works	18	13-Jan-20	30-Jan-20	168	0																	
A60100910	Drainage and Erosion Works	18	13-Jan-20	30-Jan-20	168	168																	
RAR-01 EDT3.6.10	Ancillary Works	19	03-Jun-20	21-Jun-20	25	0																	
A60101010	Metal guard rail	15	03-Jun-20	17-Jun-20	25	0																	
A60101020	Signs & Pavement marking and road substructure	4	18-Jun-20	21-Jun-20	25	25																	
RAR-01 EOT3.7 K7+000;K8+330		958	24-Oct-17 A	07-Jun-20	39	0																	
RAR-01 EDT3.7.1	Engineer's approval shop Drawings	2	24-Oct-17 A	25-Oct-17 A		0																	
A70100110	Construction precondition	2	24-Oct-17 A	25-Oct-17 A		0																	
RAR-01 EDT3.7.2	Earthwork and Allied Activities	62	01-Sep-19	01-Nov-19	258	0																	
A70100210	Site clearing and removal of trees	10	01-Sep-19*	10-Sep-19	205	0																	
A70100220	Excavation	40	01-Sep-19*	10-Oct-19	205	0																	
A70100230	Embankment	40	23-Sep-19*	01-Nov-19	205	0																	
A70100240	Subgrade preparation	10	02-Oct-19*	11-Oct-19	279	279																	
RAR-01 EDT3.7.3	Subbase and Base	15	03-Nov-19	17-Nov-19	205	0																	
A70100310	Granular subbase & Aggregate base course	15	03-Nov-19	17-Nov-19	205	0																	
RAR-01 EDT3.7.4	Surface Courses and Pavement	5	03-Jun-20	07-Jun-20	0	0																	
A70100410	Asphaltic base course & Asphaltic wearing course	5	03-Jun-20*	07-Jun-20	0	0																	
RAR-01 EDT3.7.6	Drainage and Erosion Works	25	19-Nov-19	13-Dec-19	205	0																	
A70100610	Drainage and Erosion Works	25	19-Nov-19	13-Dec-19	205	0																	
RAR-01 EDT3.7.7	Ancillary Works	10	15-Dec-19	24-Dec-19	205	0																	
A70100710	Metal guard rail	4	15-Dec-19	18-Dec-19	205	0																	

■ Actual Level of Effort ■ Remaining Work Page 4 of 6 TASK filter: All Activities
■ Actual Work ■ Critical Remaining Work © Oracle Corporation

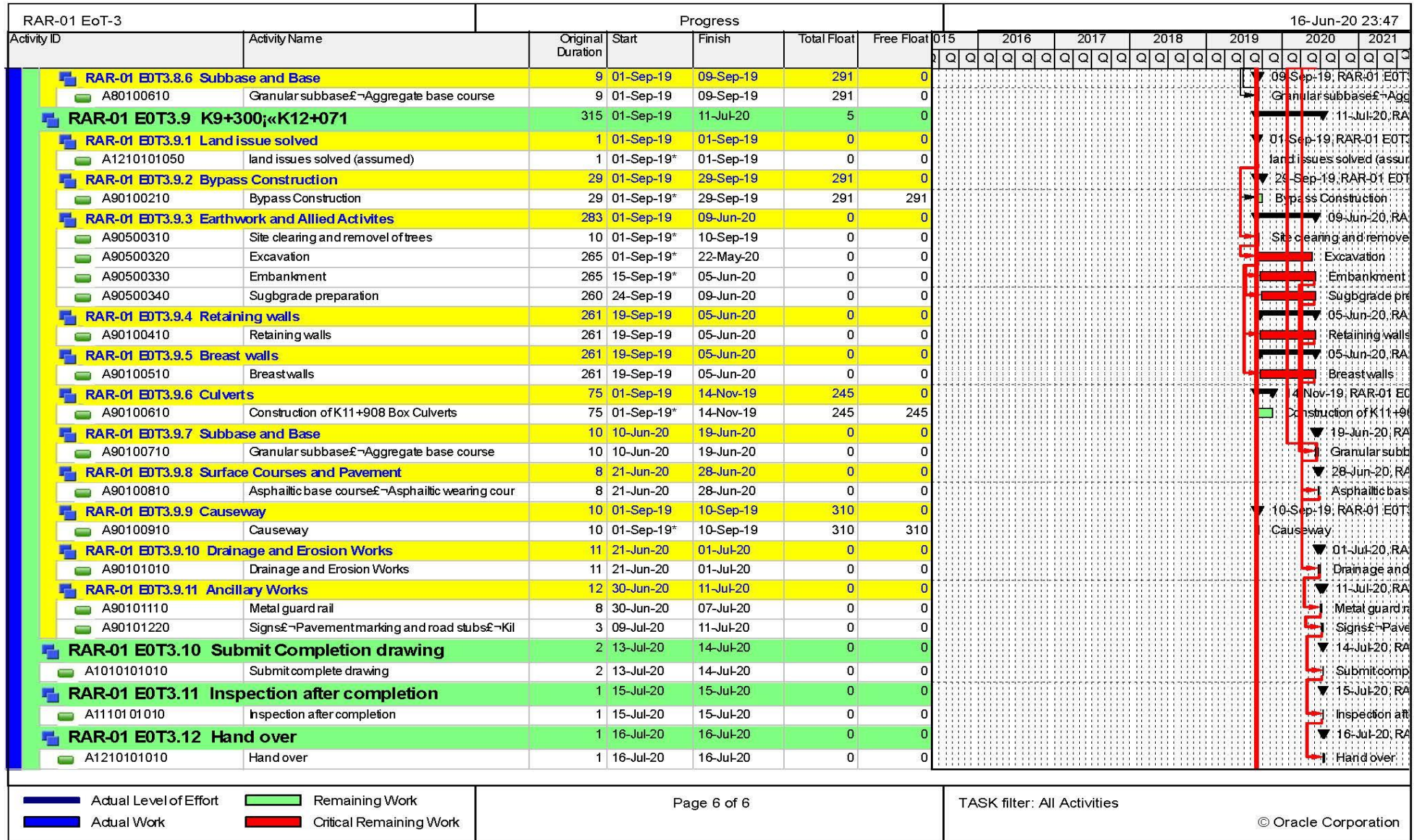
Gantt Chart of Dasu-RAR-01 (4 of 6)

Figure 11 [5/6]



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

Figure 11 [6/6]



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

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

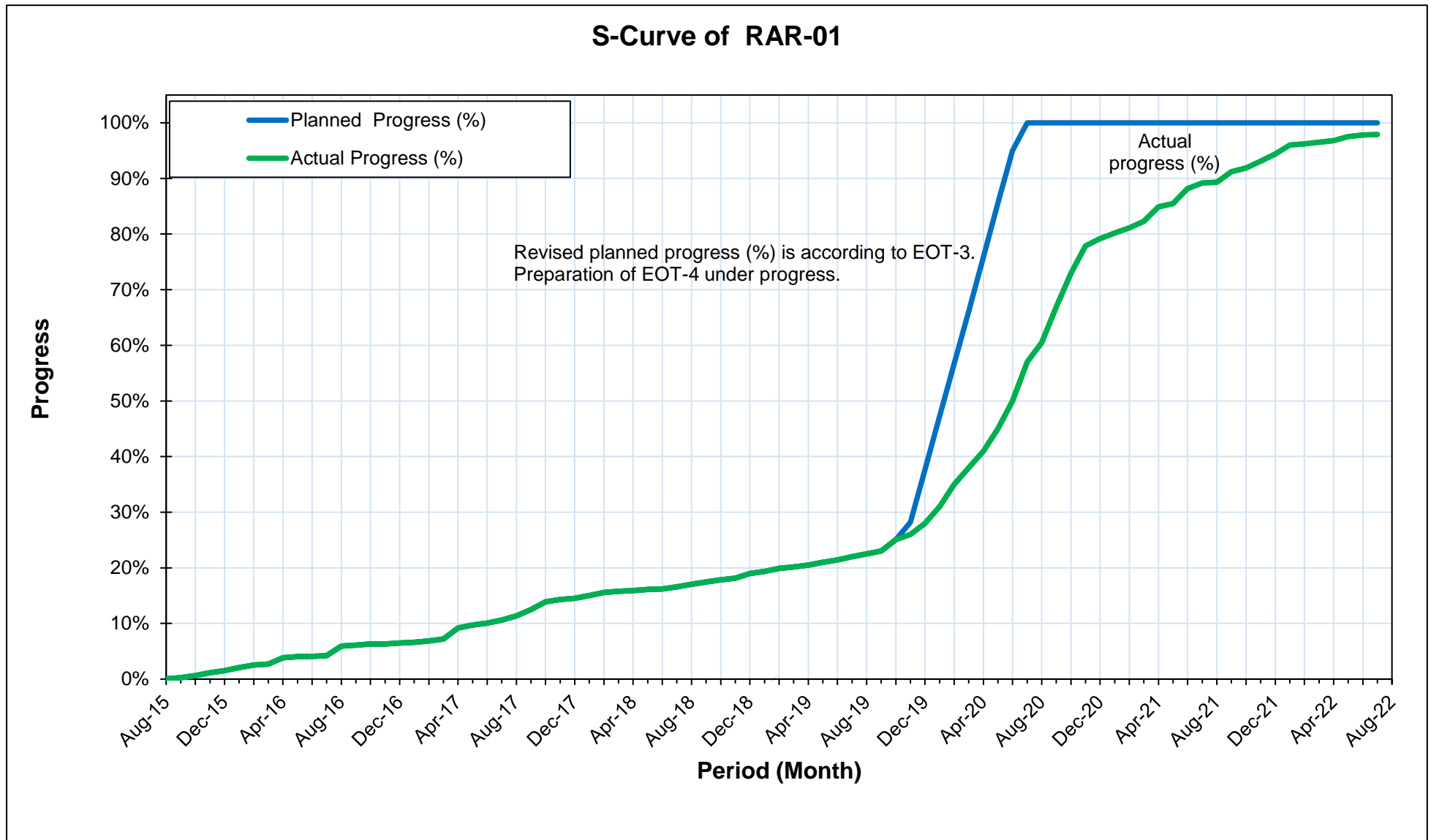


Figure 13: S Curve for Dasu-RAR-01

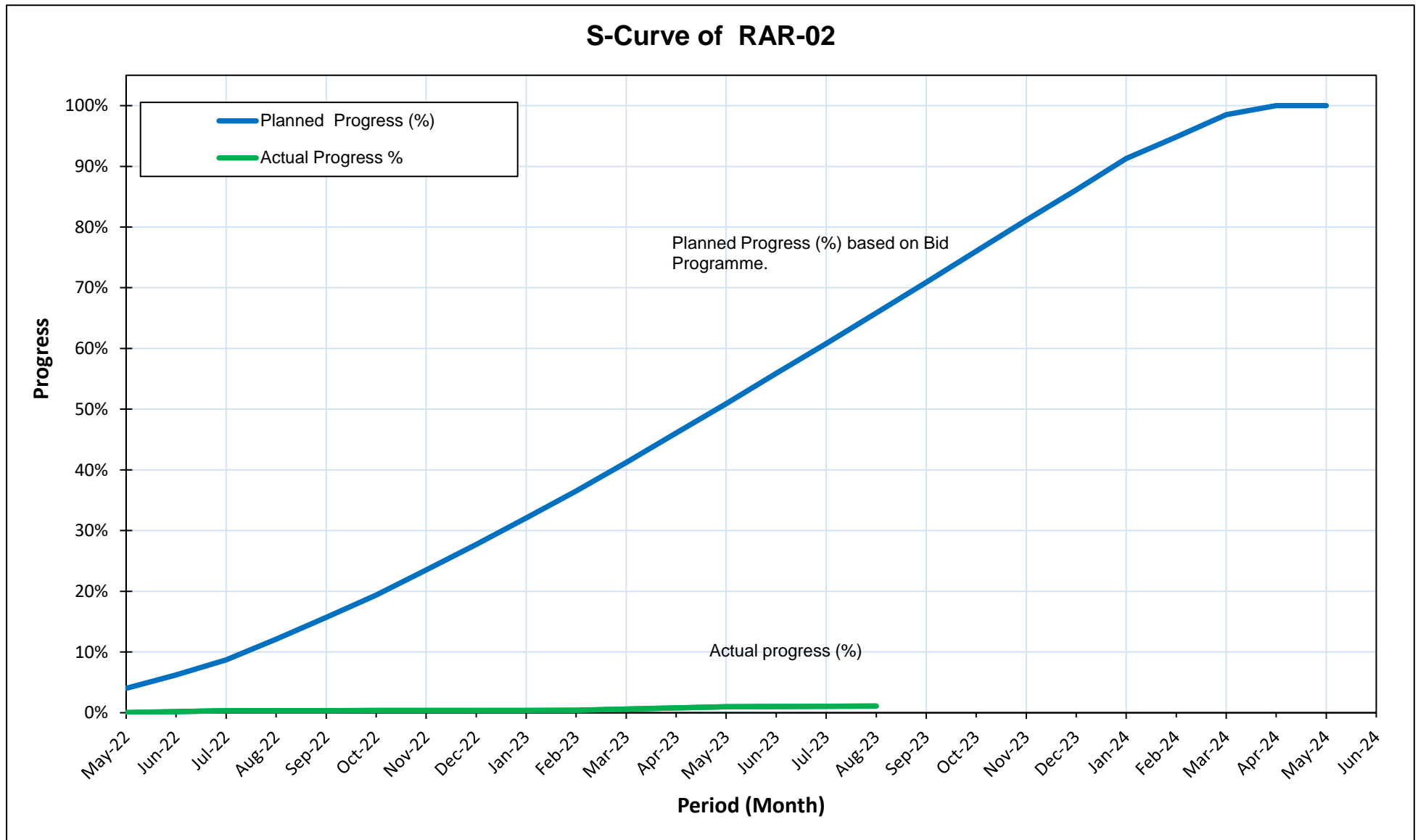


Figure 14: S Curve for Dasu-RAR-02

Figure 14 [1/4]

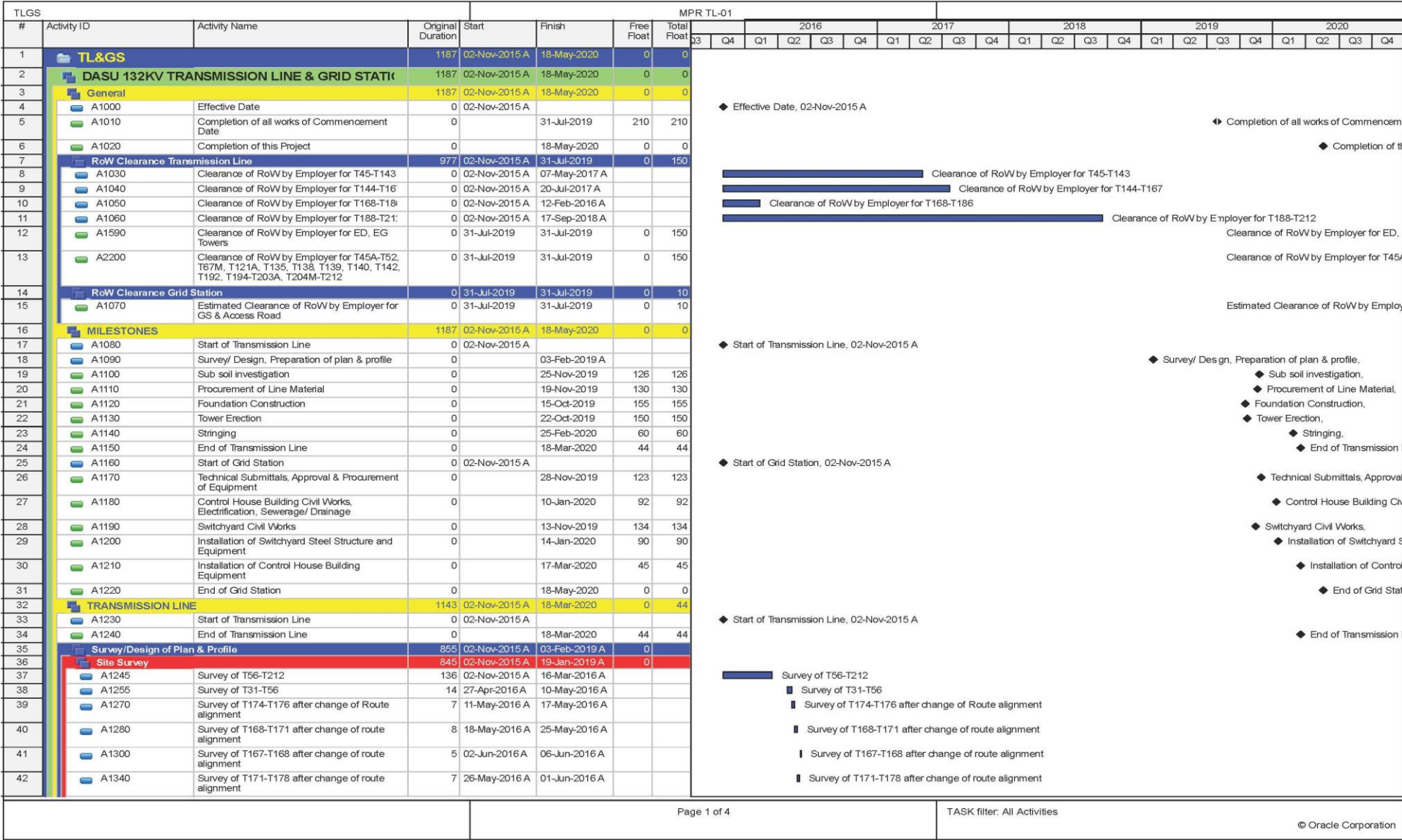


Figure 15: Gantt Chart of Dasu-TL-01 (1 of 4)

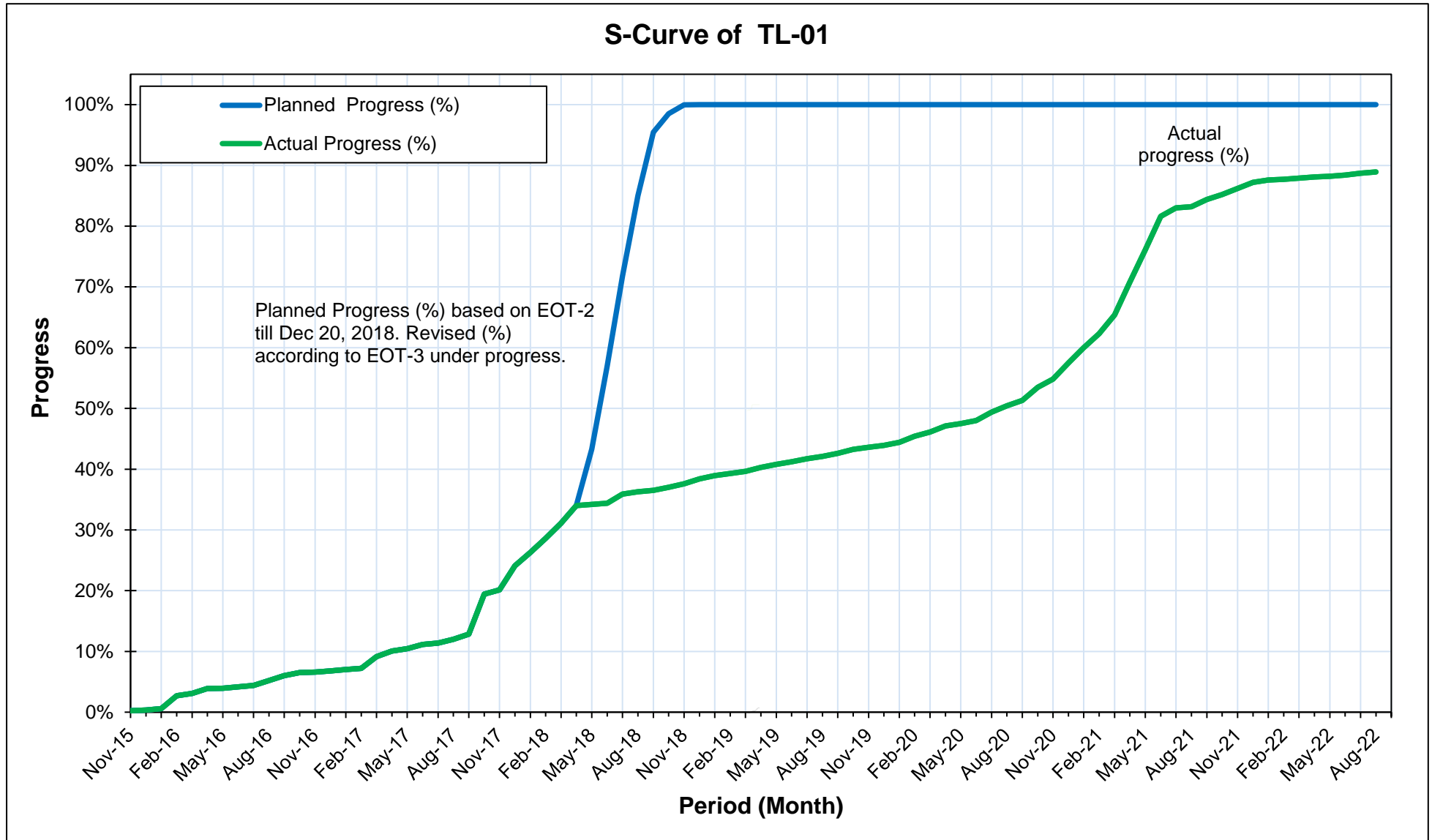


Figure 16: S Curve for Dasu-TL-01

Figure 16 [1/6]

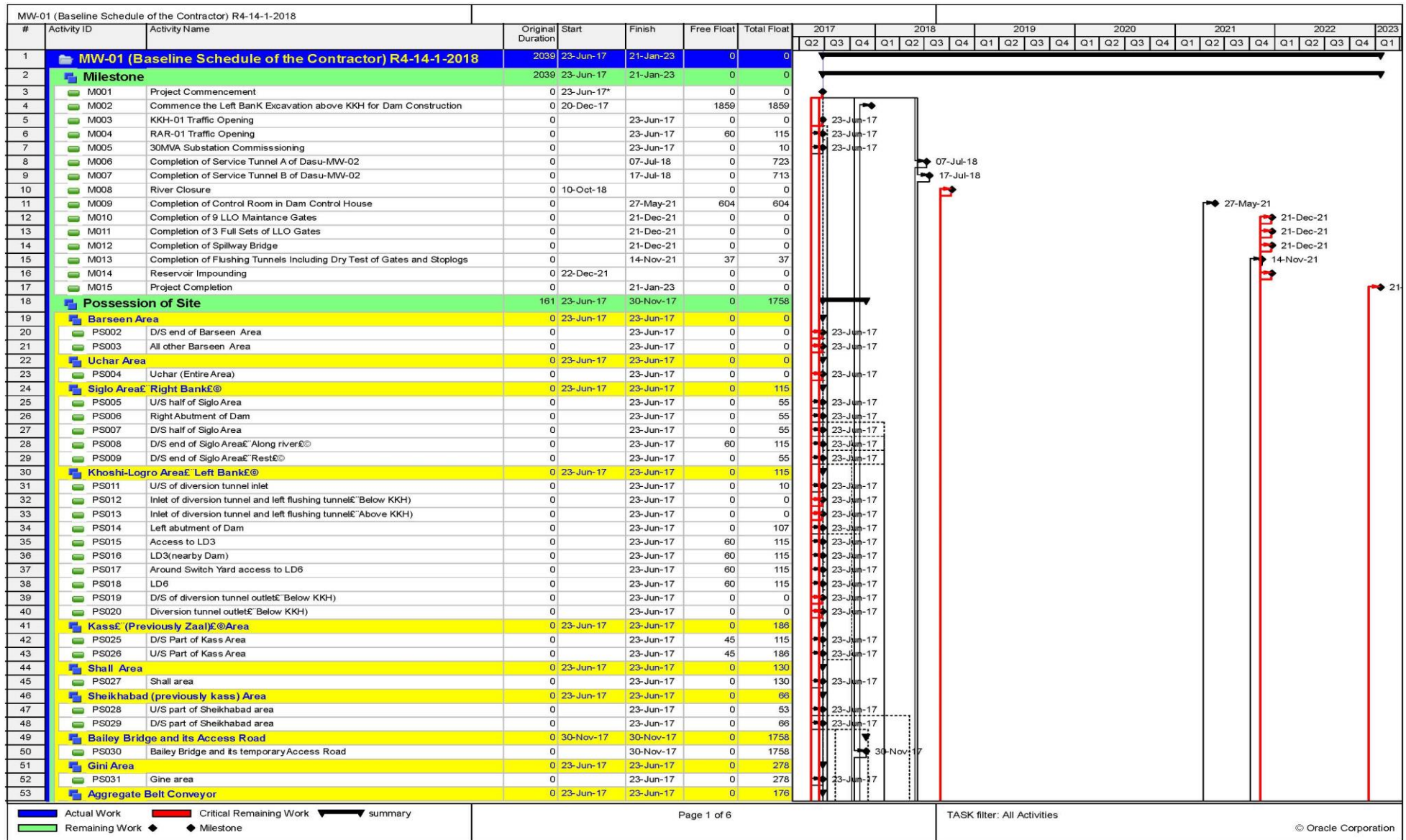
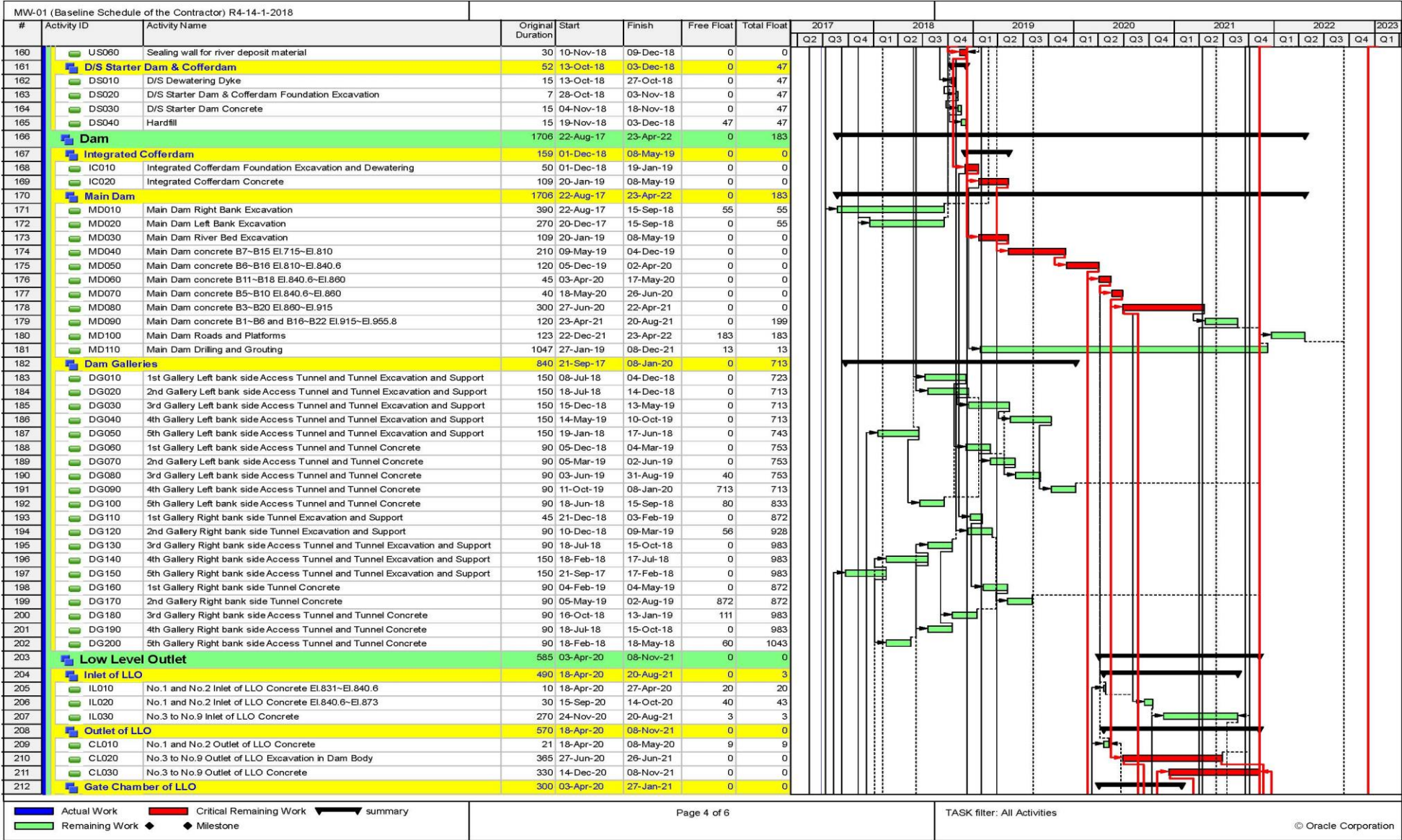


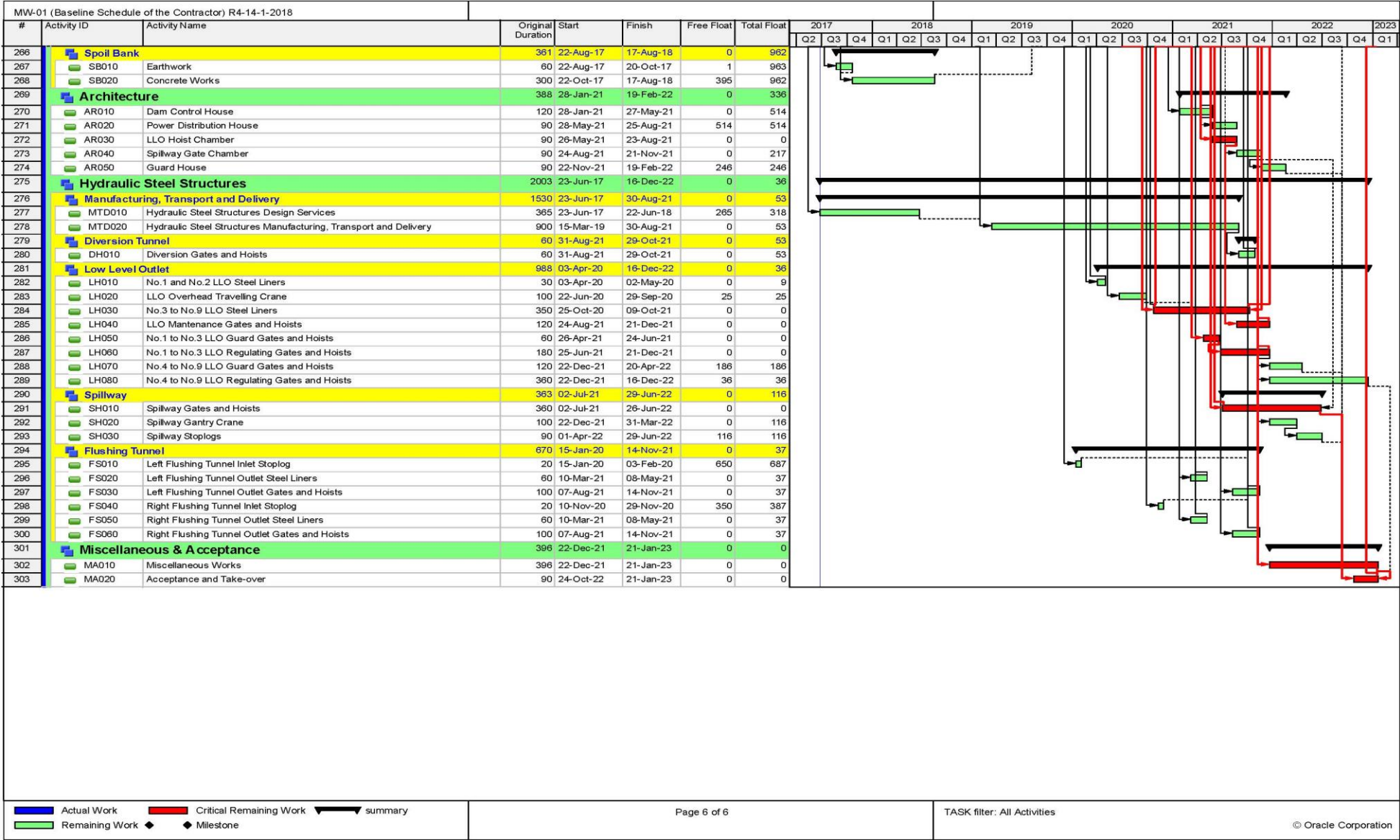
Figure 17: Gantt Chart of Dasu-MW-01 (1 of 6)

Figure 16 [4/6]



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

Figure 16 [6/6]



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

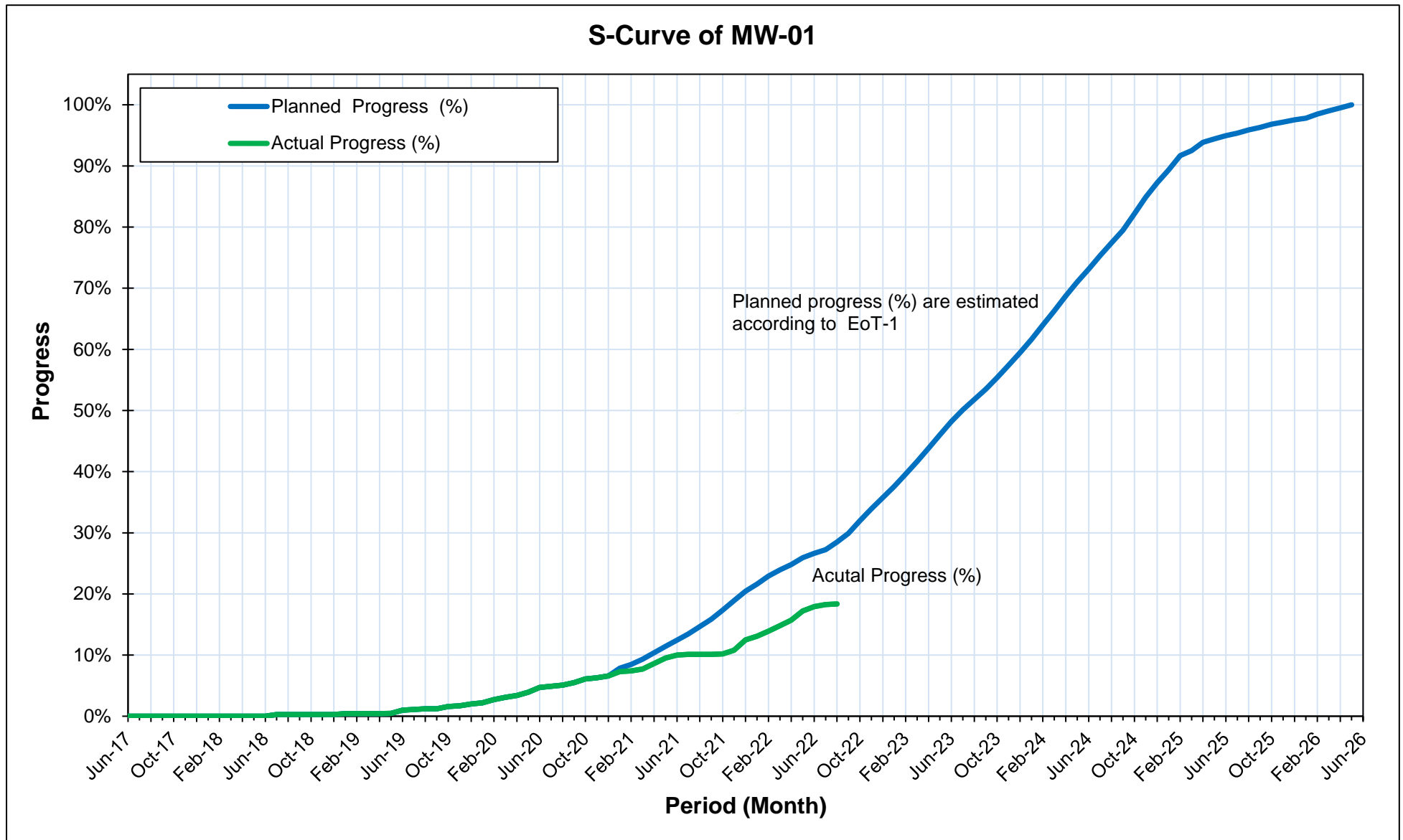


Figure 18: S-Curve for MW-01

Figure 18 [1/8]

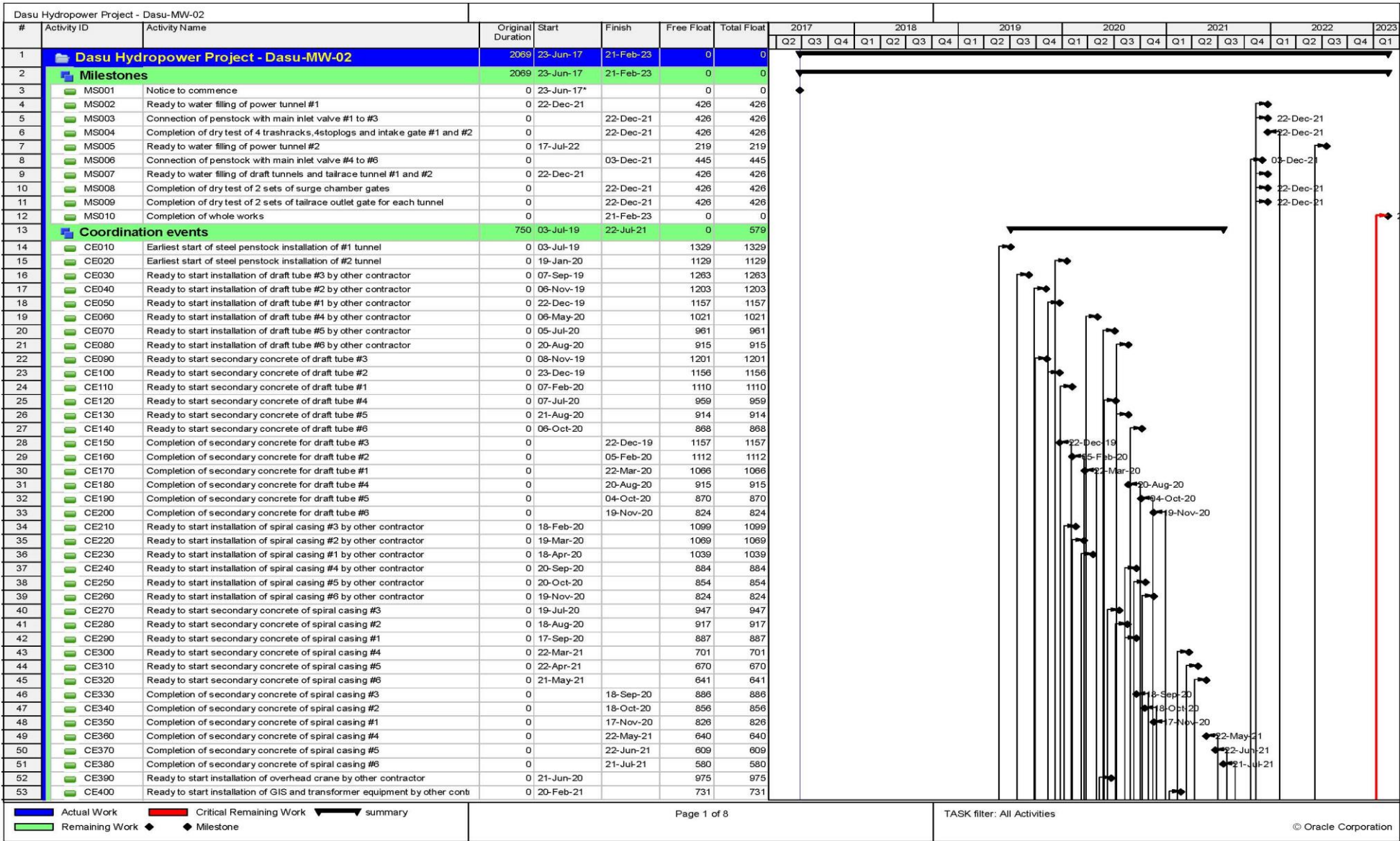
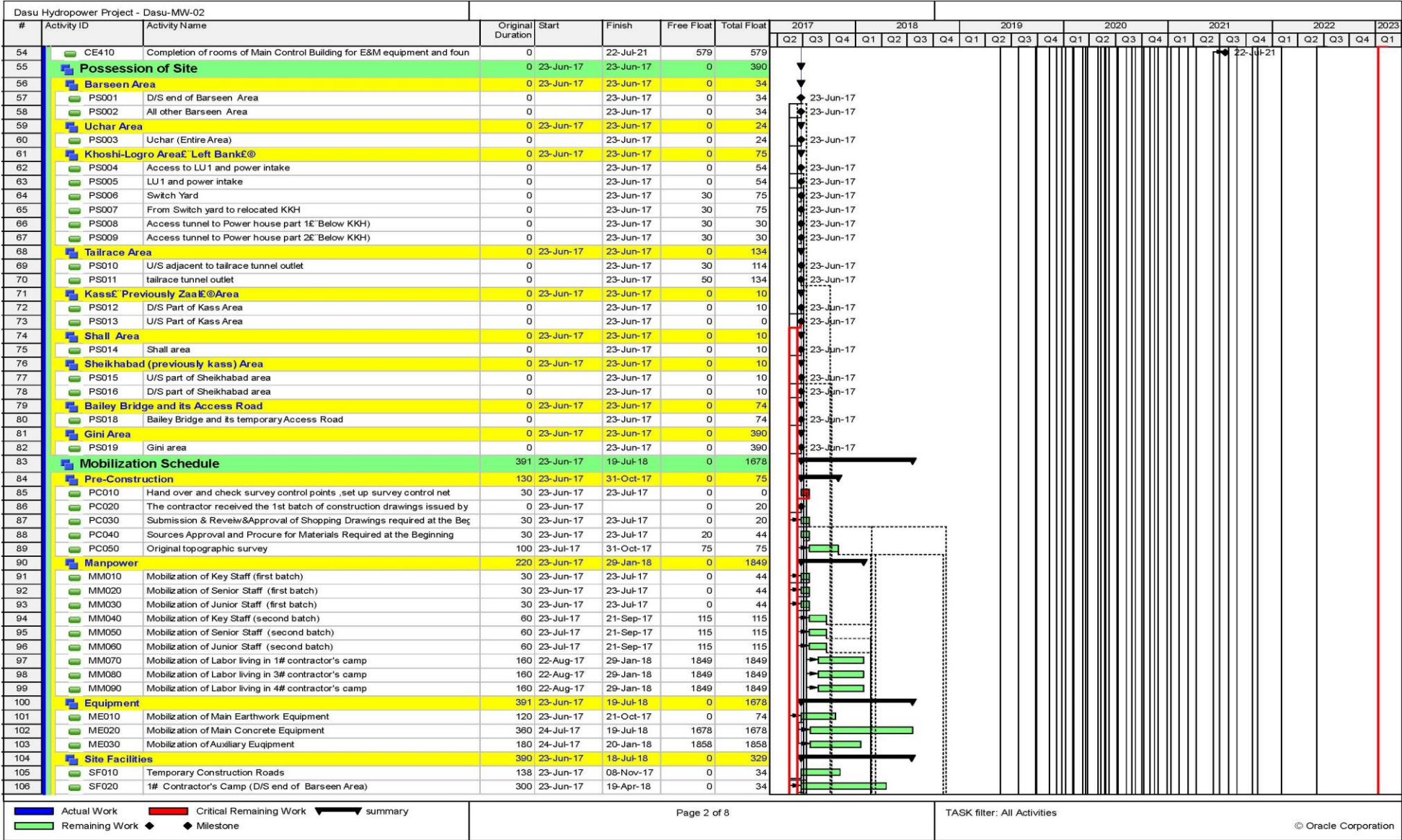


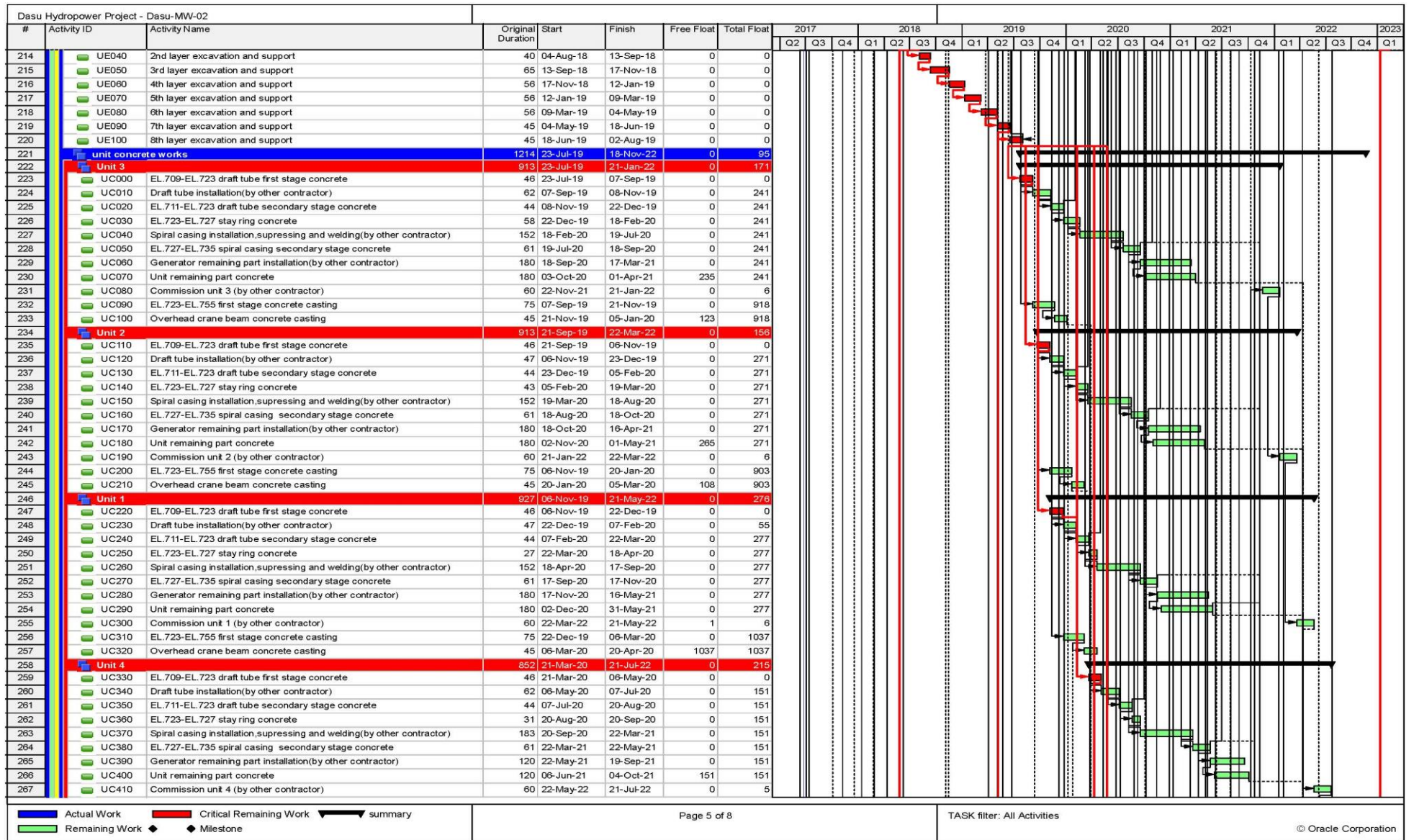
Figure 19: Gantt Chart of Dasu-MW-02 (1 of 8)

Figure 18 [2/8]



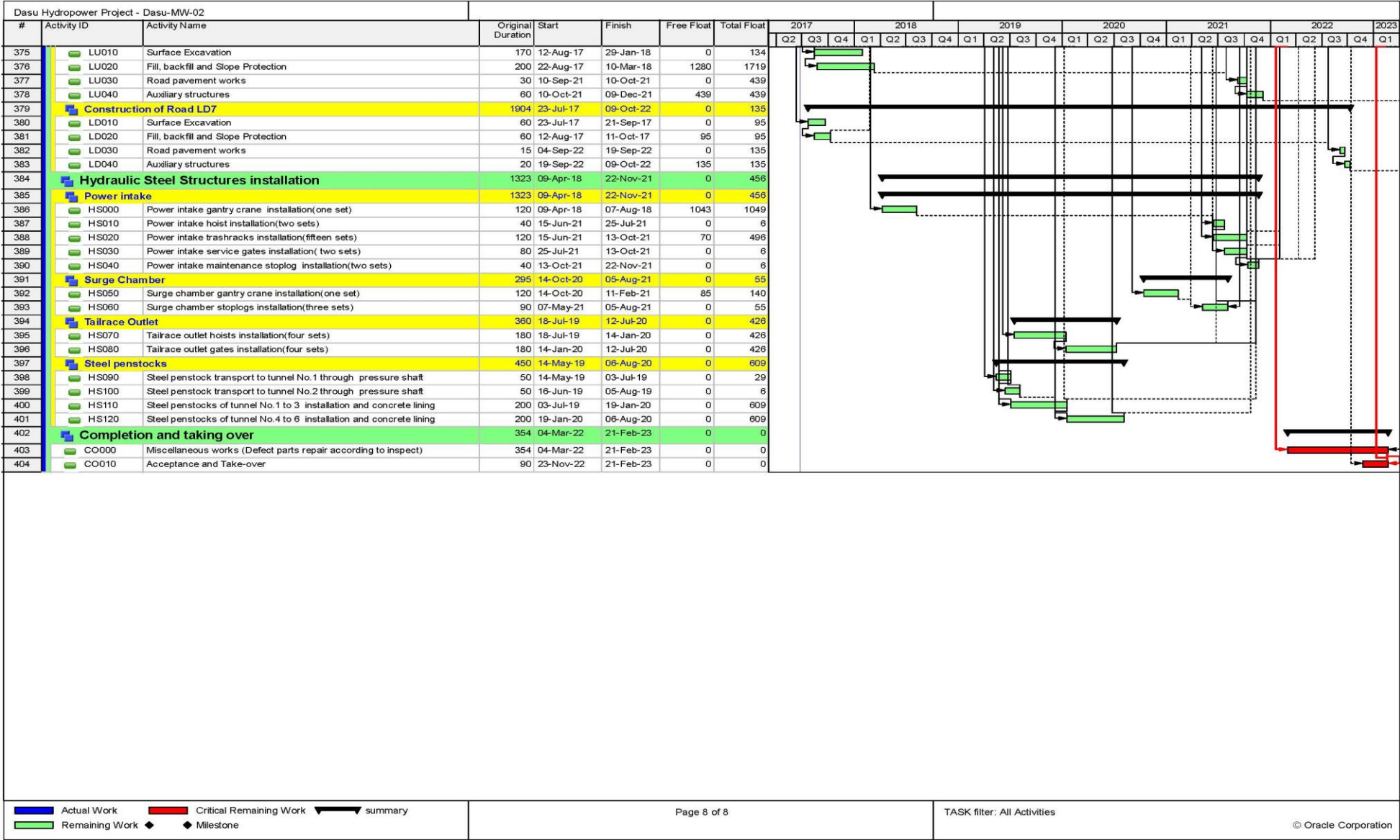
Gantt Chart of Dasu-MW-02 (2 of 8)

Figure 18 [5/8]



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

Figure 18 [8/8]



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

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

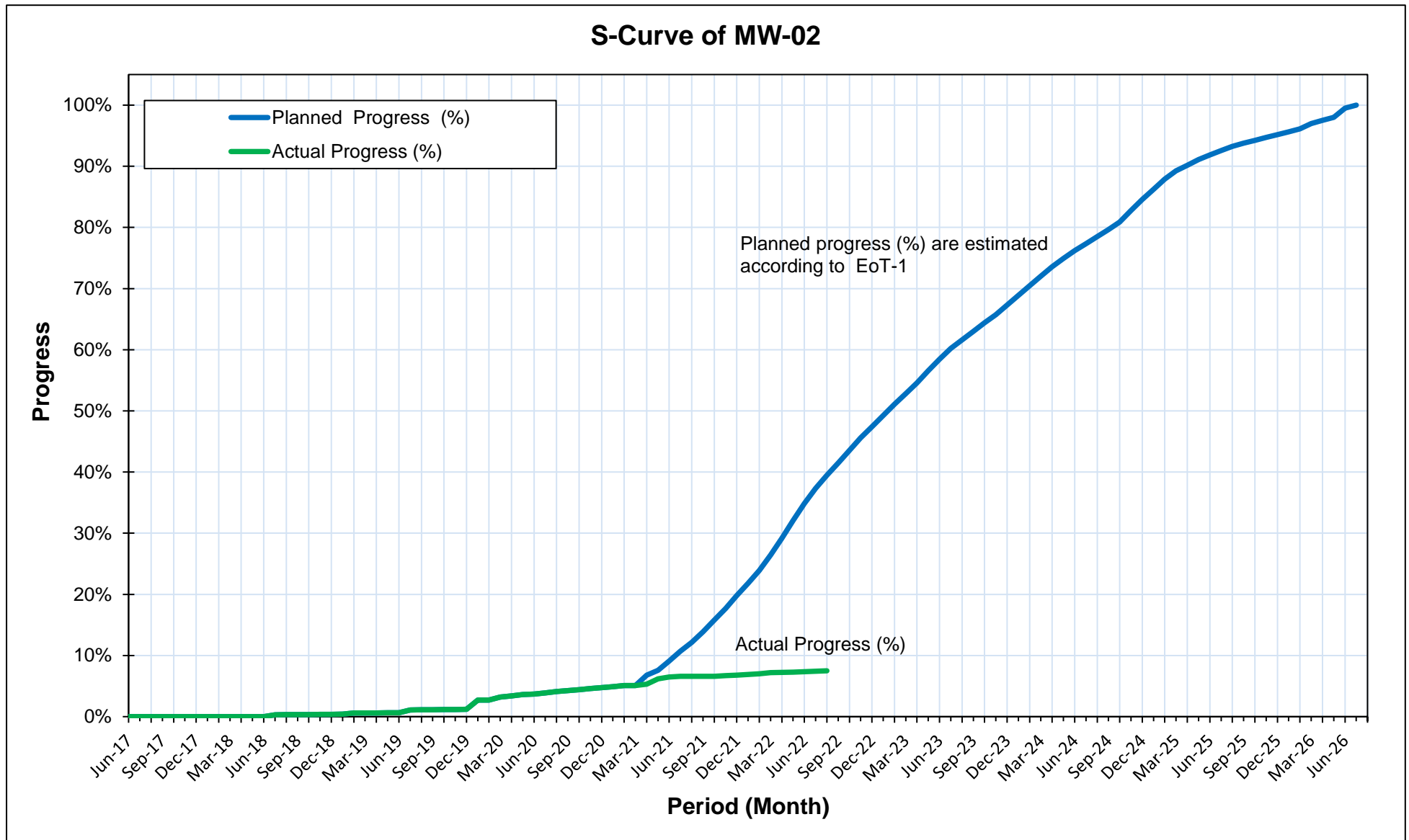


Figure 20: S-Curve for MW-02

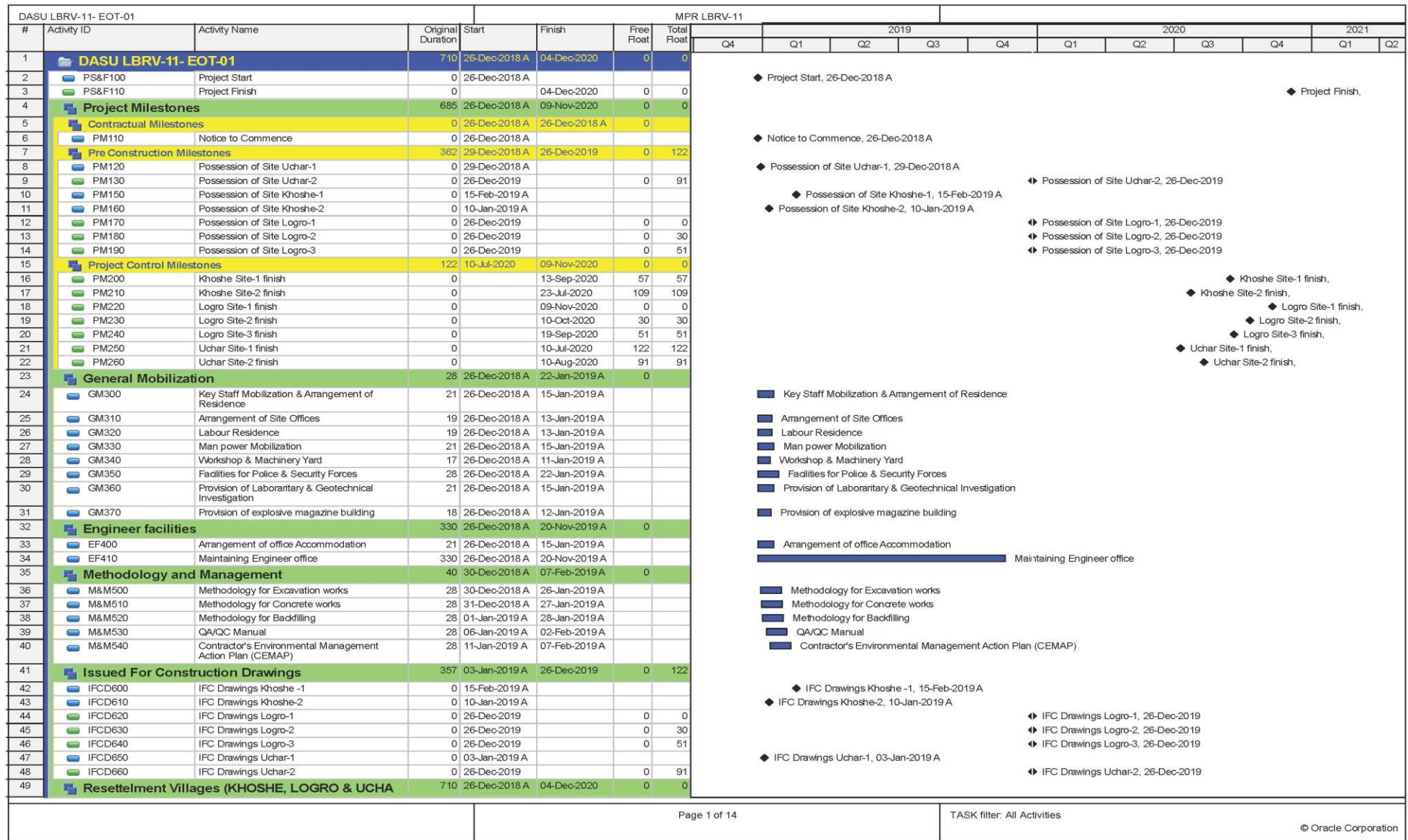
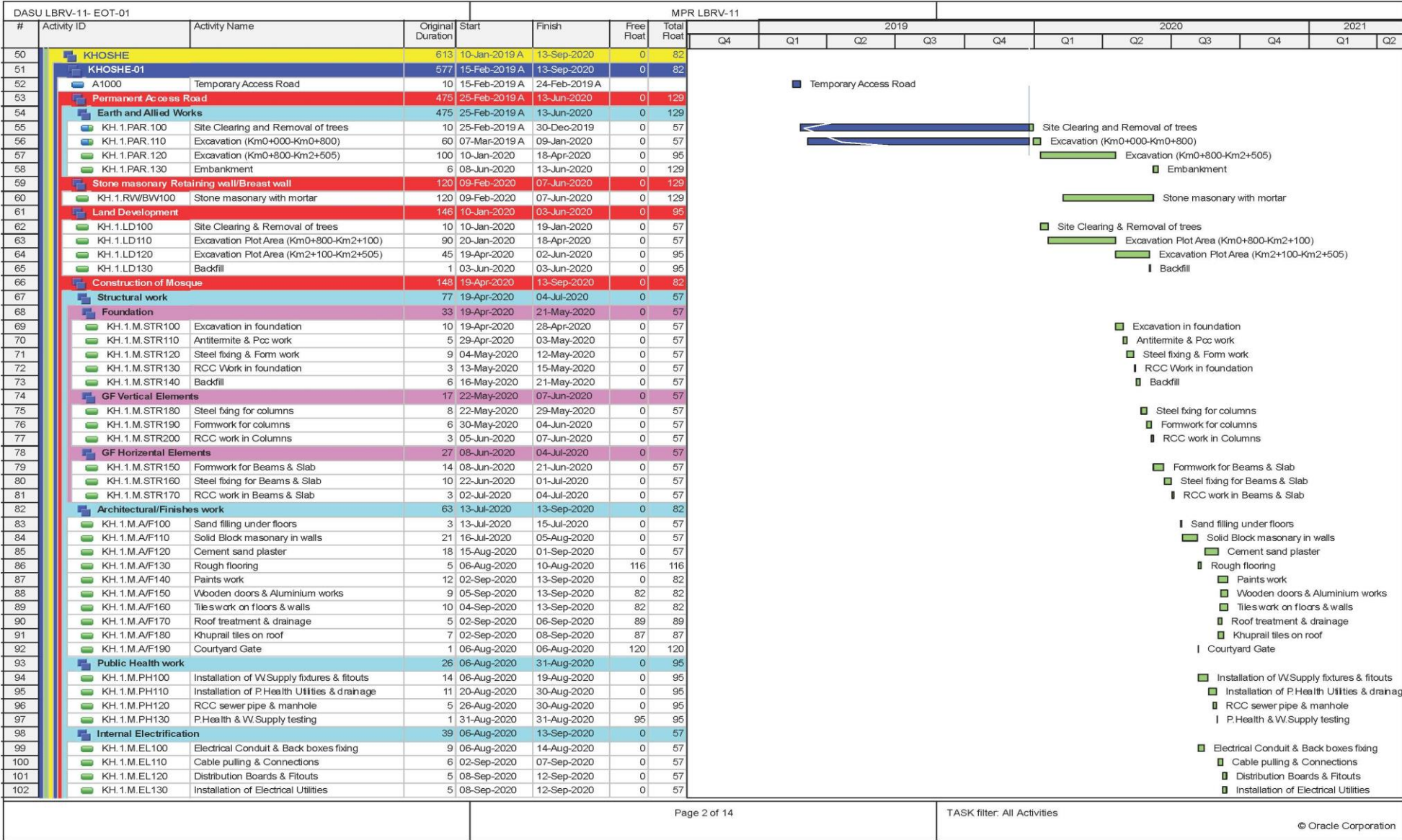


Figure 21: Gantt Chart of Dasu-LBRV-11 (1 of 14)

Figure 20 [2/14]



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



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

Figure 20 [4/14]

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.PAR100	Site Clearing and Removal of trees	10	13-Jan-2020	22-Jan-2020	0	0												
197	LG.1.PAR110	Excavation Link-1	65	16-Jan-2020	20-Mar-2020	0	0												
198	LG.1.PAR130	Excavation Link-2	45	21-Mar-2020	04-May-2020	0	40												
199	LG.1.PAR140	Excavation Link-3	35	05-May-2020	08-Jun-2020	0	40												
200	LG.1.PAR150	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	Khupral tiles on roof	6	14-Oct-2020	19-Oct-2020	46	46														
273		Public Health work	19	14-Sep-2020	02-Oct-2020	0	63														
274	LG.1.PS.PH100	Installation of WSupply fixtures & fitouts	10	14-Sep-2020	23-Sep-2020	0	63														
275	LG.1.PS.PH110	Installation of PHealth Utilities & drainage	8	24-Sep-2020	01-Oct-2020	0	63														
276	LG.1.PS.PH120	RCC sewer pipe & manhole	5	27-Sep-2020	01-Oct-2020	0	63														
277	LG.1.PS.PH130	PHealth & WSupply testing	1	02-Oct-2020	02-Oct-2020	63	63														
278		Internal Electrification	57	14-Sep-2020	09-Nov-2020	0	0														
279	LG.1.PS.EL100	Electrical Conduit & Back boxes fixing	10	14-Sep-2020	23-Sep-2020	0	0														
280	LG.1.PS.EL110	Cable pulling & Connections	10	14-Oct-2020	23-Oct-2020	0	0														
281	LG.1.PS.EL120	Distribution Boards & Fitouts	9	24-Oct-2020	01-Nov-2020	0	0														
282	LG.1.PS.EL130	Installation of Electrical Utilities	7	02-Nov-2020	08-Nov-2020	0	0														
283	LG.1.PS.EL140	Electric system testing	1	09-Nov-2020	09-Nov-2020	0	0														
284		External Water Supply & Sewerage	70	09-Jun-2020	17-Aug-2020	0	84														
285		Water Supply	45	09-Jun-2020	23-Jul-2020	0	109														
286	LG.1.WS100	Laying & Jointing WSupply Pipeline	15	09-Jun-2020	23-Jun-2020	0	109														
287	LG.1.WS110	Air vent chambers & Valves	2	24-Jun-2020	25-Jun-2020	22	131														
288	LG.1.WS120	Construction of Sedimentation tank	15	19-Jun-2020	03-Jul-2020	0	109														
289	LG.1.WS130	Construction of Clear water tank	14	04-Jul-2020	17-Jul-2020	0	109														
290	LG.1.WS140	Check Valves, Sluice Valves & Chambers	14	24-Jun-2020	07-Jul-2020	10	119														
291	LG.1.WS150	Ancillary work	5	18-Jul-2020	22-Jul-2020	0	109														
292	LG.1.WS160	Water supply testing	1	23-Jul-2020	23-Jul-2020	109	109														
293		Sewerage System	55	24-Jun-2020	17-Aug-2020	0	84														
294	LG.1.SS100	Excavation for sewerage pipe line	7	24-Jun-2020	30-Jun-2020	0	84														
295	LG.1.SS110	Lowering & Laying RCC pipe	14	01-Jul-2020	14-Jul-2020	0	106														
296	LG.1.SS120	Trenches filling with crushed stones & compacted earth	14	05-Jul-2020	18-Jul-2020	25	109														
297	LG.1.SS130	Construction of sewerage treatment area	27	01-Jul-2020	27-Jul-2020	0	84														
298	LG.1.SS140	Construction of septic tank	16	28-Jul-2020	12-Aug-2020	0	84														
299	LG.1.SS150	Construction of manholes	21	01-Jul-2020	21-Jul-2020	22	106														
300	LG.1.SS160	Miscellaneous work	5	13-Aug-2020	17-Aug-2020	84	84														
301		LOGRO-02	290	26-Dec-2019	10-Oct-2020	0	55														
302		Permanent Access Road	185	26-Dec-2019	27-Jun-2020	0	87														
303		Earth and Allied Works	185	26-Dec-2019	27-Jun-2020	0	87														
304	LG.2.PAR100	Site Clearing and Removal of trees	7	26-Dec-2019	01-Jan-2020	0	30														
305	LG.2.PAR110	Excavation (Km0+000-Km0+270)	55	29-Dec-2019	21-Feb-2020	0	30														
306	LG.2.PAR120	Excavation (Km0+270-Km0+461)	45	22-Feb-2020	06-Apr-2020	0	87														
307	LG.2.PAR130	Embankment	7	21-Jan-2020	27-Jun-2020	0	87														
308		Stone masonry Retaining wall/Breast wall	75	07-Apr-2020	20-Jun-2020	0	87														
309	LG.2.RW/BW110	Stone masonry with mortar	75	07-Apr-2020	20-Jun-2020	0	87														
310		Land Development	117	22-Feb-2020	17-Jun-2020	0	63														
311	LG.2.LD100	Site Clearing & Removal of trees	5	22-Feb-2020	26-Feb-2020	0	30														

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

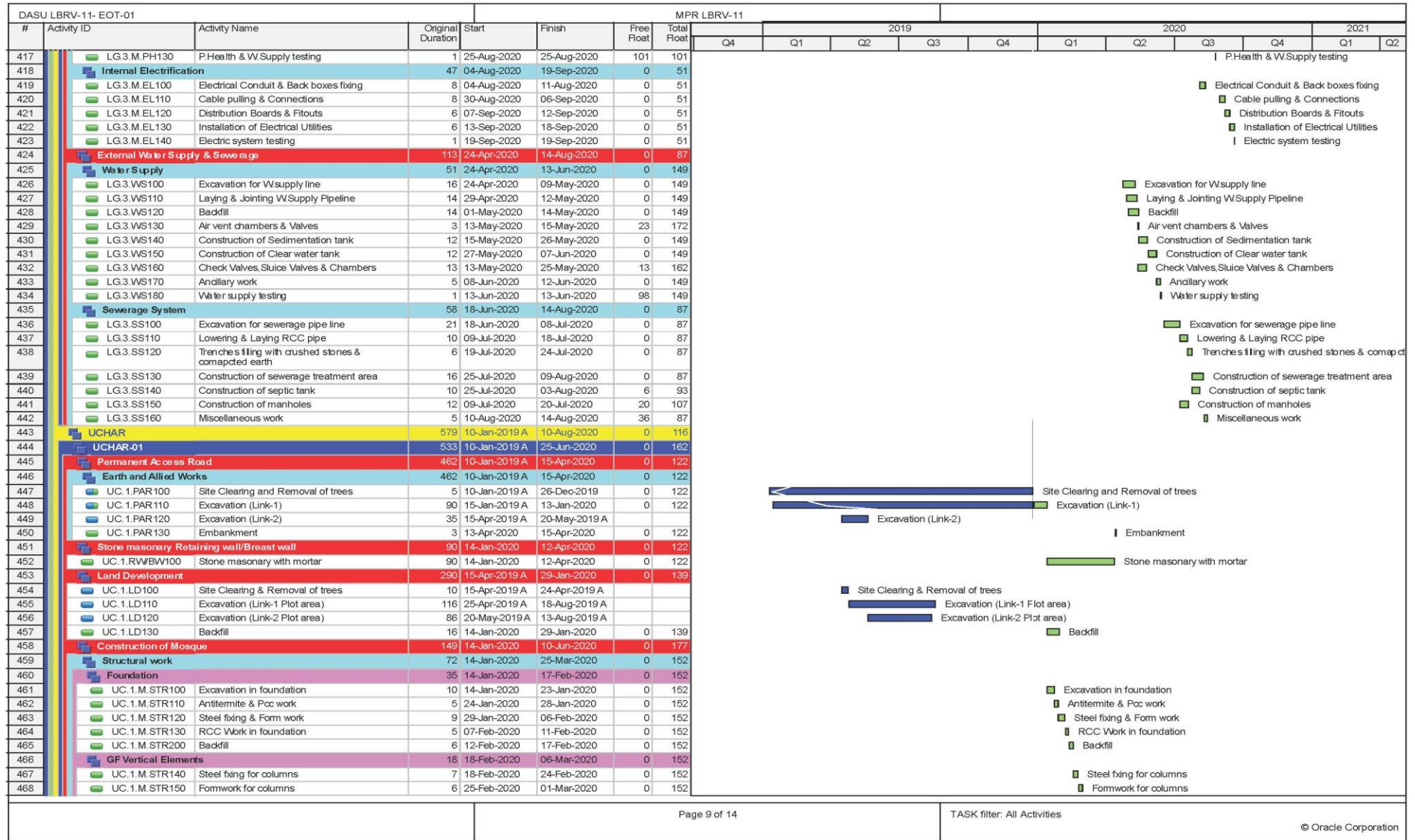
DASU LBRV-11- EOT-01		MPR LBRV-11																
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
312	LG.2.LD110	Excavation (Km0+270-Km0+350) Plot Area	70	25-Feb-2020	04-May-2020	0	30											
313	LG.2.LD120	Excavation (Km0+350-Km0+461) Plot Area	40	05-May-2020	13-Jun-2020	0	63											
314	LG.2.LD130	Backfill	4	14-Jun-2020	17-Jun-2020	0	63											
315	Construction of Mosque		159	05-May-2020	10-Oct-2020	0	55											
316	Structural work		73	05-May-2020	16-Jul-2020	0	30											
317	Foundation		35	05-May-2020	08-Jun-2020	0	30											
318	LG.2.M.STR100	Excavation in foundation	10	05-May-2020	14-May-2020	0	30											
319	LG.2.M.STR110	Antitermite & Pcc work	5	15-May-2020	19-May-2020	0	30											
320	LG.2.M.STR120	Steel fixing & Form work	9	20-May-2020	28-May-2020	0	30											
321	LG.2.M.STR130	RCC Work	5	29-May-2020	02-Jun-2020	0	30											
322	LG.2.M.STR140	Backfill	6	03-Jun-2020	08-Jun-2020	0	30											
323	GF Vertical Elements		11	09-Jun-2020	19-Jun-2020	0	30											
324	LG.2.M.STR150	Steel fixing for columns	10	09-Jun-2020	18-Jun-2020	0	30											
325	LG.2.M.STR160	Formwork for columns	7	12-Jun-2020	18-Jun-2020	0	30											
326	LG.2.M.STR170	RCC work in Columns	5	15-Jun-2020	19-Jun-2020	0	30											
327	GF Horizontal Elements		19	28-Jun-2020	16-Jul-2020	0	30											
328	LG.2.M.STR180	Formwork for Beams & Slab	9	28-Jun-2020	06-Jul-2020	0	30											
329	LG.2.M.STR190	Steel fixing for Beams & Slab	8	07-Jul-2020	14-Jul-2020	0	30											
330	LG.2.M.STR200	RCC work in Beams & Slab	2	15-Jul-2020	16-Jul-2020	0	30											
331	Architectural/Finishes work		66	31-Jul-2020	04-Oct-2020	0	61											
332	LG.2.M.A/F100	Sand filling under floors	3	31-Jul-2020	02-Aug-2020	0	30											
333	LG.2.M.A/F110	Solid Block masonry in walls	21	03-Aug-2020	23-Aug-2020	0	30											
334	LG.2.M.A/F120	Cement sand plaster	18	03-Sep-2020	20-Sep-2020	0	30											
335	LG.2.M.A/F130	Rough flooring	5	24-Aug-2020	28-Aug-2020	98	98											
336	LG.2.M.A/F140	Paints work	14	21-Sep-2020	04-Oct-2020	0	61											
337	LG.2.M.A/F150	Wooden doors & Aluminium works	9	26-Sep-2020	04-Oct-2020	0	61											
338	LG.2.M.A/F160	Tiles 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												

Gantt Chart of Dasu-LBRV-11 (8 of 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												

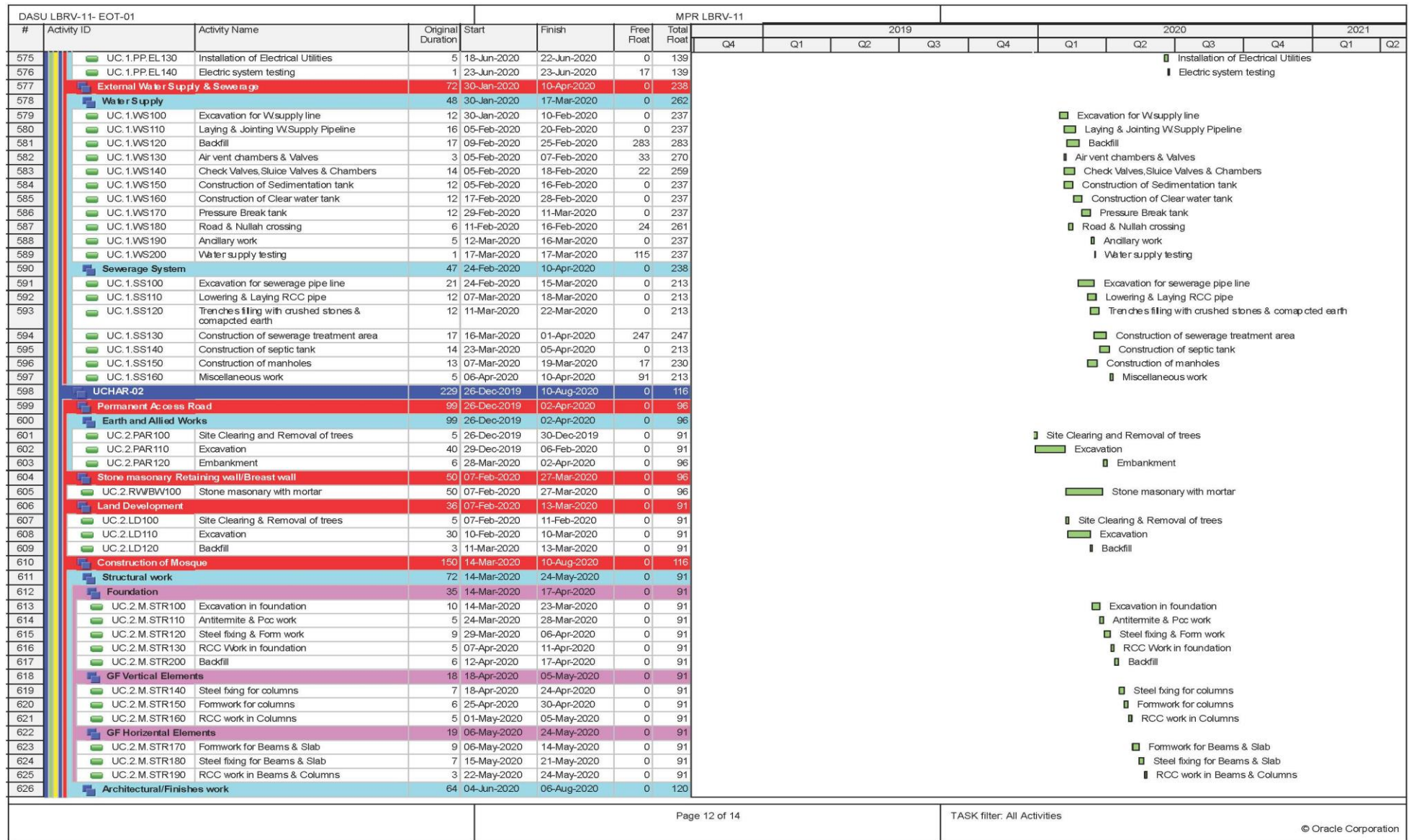
Gantt Chart of Dasu-LBRV-11 (10 of 14)

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											
524	UC. 1.HS.PH110	Installation of P.Health Utilities & drainage	8	13-May-2020	20-May-2020	0	193											
525	UC. 1.HS.PH120	RCC sewer pipe & manhole	5	16-May-2020	20-May-2020	0	193											
526	UC. 1.HS.PH130	P.Health & W.Supply testing	1	25-May-2020	25-May-2020	193	193											
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											
529	UC. 1.HS.EL110	Cable pulling & Connections	7	31-May-2020	06-Jun-2020	0	137											
530	UC. 1.HS.EL120	Distribution Boards & Fitouts	6	14-Jun-2020	19-Jun-2020	0	137											
531	UC. 1.HS.EL130	Installation of Electrical Utilities	5	20-Jun-2020	24-Jun-2020	0	137											
532	UC. 1.HS.EL140	Electric system testing	1	25-Jun-2020	25-Jun-2020	15	137											
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											
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											
538	UC. 1.PP.STR110	Anittemite & Pcc work	2	02-Feb-2020	03-Feb-2020	0	139											
539	UC. 1.PP.STR120	Steel fixing & Form work	6	04-Feb-2020	09-Feb-2020	0	139											
540	UC. 1.PP.STR130	RCC Work	1	10-Feb-2020	10-Feb-2020	0	139											
541	UC. 1.PP.STR140	Backfill	5	11-Feb-2020	15-Feb-2020	0	139											
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											
544	UC. 1.PP.STR160	Formwork for columns	5	22-Feb-2020	26-Feb-2020	0	139											
545	UC. 1.PP.STR170	RCC work in Columns	2	27-Feb-2020	28-Feb-2020	0	139											
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											
548	UC. 1.PP.STR190	Steel fixing for Beams & Slab	6	08-Mar-2020	13-Mar-2020	0	139											
549	UC. 1.PP.STR200	RCC work in Beams & Slab	1	14-Mar-2020	14-Mar-2020	0	139											
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											
552	UC. 1.PP.STR220	Formwork for columns	5	01-Apr-2020	05-Apr-2020	0	139											
553	UC. 1.PP.STR230	RCC work in Columns	2	06-Apr-2020	07-Apr-2020	0	139											
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											
556	UC. 1.PP.STR250	Steel fixing for Beams & Slab	7	17-Apr-2020	23-Apr-2020	0	139											
557	UC. 1.PP.STR260	RCC work in Beams & Slab	1	24-Apr-2020	24-Apr-2020	0	139											
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											
560	UC. 1.PP.A/F110	Cement sand plaster	12	29-May-2020	09-Jun-2020	0	139											
561	UC. 1.PP.A/F120	Doors, windows & ventilators	8	10-Jun-2020	17-Jun-2020	170	170											
562	UC. 1.PP.A/F130	Paint work	10	10-Jun-2020	19-Jun-2020	0	166											
563	UC. 1.PP.A/F140	Tileswork on floors & walls	8	12-Jun-2020	19-Jun-2020	0	166											
564	UC. 1.PP.A/F150	Khuprail tiles on slant roof	7	10-Jun-2020	16-Jun-2020	171	171											
565	UC. 1.PP.A/F160	Miscellaneous Works	2	20-Jun-2020	21-Jun-2020	166	166											
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											
568	UC. 1.PP.PH110	Installation of P.Health Utilities & drainage	6	30-May-2020	04-Jun-2020	0	182											
569	UC. 1.PP.PH120	RCC sewer pipe & manhole	5	31-May-2020	04-Jun-2020	0	182											
570	UC. 1.PP.PH130	P.Health & W.Supply testing	1	05-Jun-2020	05-Jun-2020	182	182											
571	Internal Electrification		36	19-May-2020	23-Jun-2020	0	139											
572	UC. 1.PP.EL.100	Electrical Conduit & Back boxes fixing	10	19-May-2020	28-May-2020	0	139											
573	UC. 1.PP.EL.110	Cable pulling & Connections	7	10-Jun-2020	16-Jun-2020	0	139											
574	UC. 1.PP.EL.120	Distribution Boards & Fitouts	6	17-Jun-2020	22-Jun-2020	0	139											

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

Figure 20 [12/14]



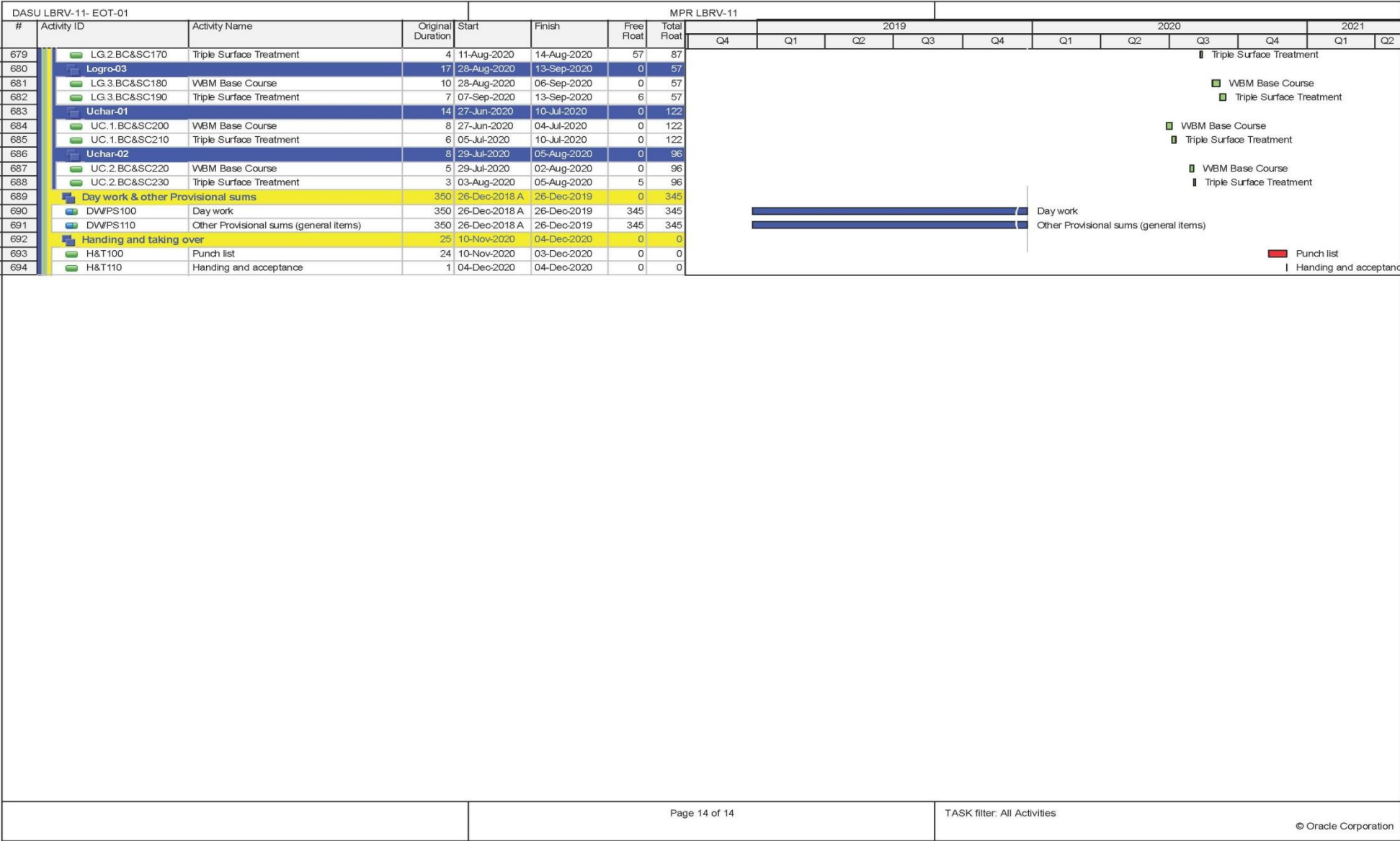
Gantt Chart of Dasu-LBRV-11 (12 of 14)

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
627	UC.2.M.A/F100	Sand filling under floors	3	04-Jun-2020	06-Jun-2020	0	91											
628	UC.2.M.A/F110	Solid Block masonry in walls	21	07-Jun-2020	27-Jun-2020	0	91											
629	UC.2.M.A/F120	Cement sand plaster	18	06-Jul-2020	23-Jul-2020	0	91											
630	UC.2.M.A/F130	Paints work	14	24-Jul-2020	06-Aug-2020	0	120											
631	UC.2.M.A/F140	Wooden doors & Aluminium works	11	27-Jul-2020	06-Aug-2020	0	120											
632	UC.2.M.A/F150	Tileswork on floors & walls	9	29-Jul-2020	06-Aug-2020	120	120											
633	UC.2.M.A/F160	Roof treatment & drainage	7	24-Jul-2020	30-Jul-2020	127	127											
634	UC.2.M.A/F170	Rough flooring	5	28-Jun-2020	02-Jul-2020	155	155											
635	UC.2.M.A/F180	Courtyard Gate	1	28-Jun-2020	28-Jun-2020	159	159											
636	UC.2.M.A/F190	Khuprail tiles on roof	7	24-Jul-2020	30-Jul-2020	127	127											
637	Public Health work		27	28-Jun-2020	24-Jul-2020	0	133											
638	UC.2.M.PH100	Installation of WSupply fixtures & fitouts	11	28-Jun-2020	09-Jul-2020	0	133											
639	UC.2.M.PH110	Installation of P Health Utilities & drainage	7	09-Jul-2020	15-Jul-2020	0	133											
640	UC.2.M.PH120	RCC sewer pipe & manhole	5	11-Jul-2020	15-Jul-2020	0	133											
641	UC.2.M.PH130	P Health & W Supply testing	1	24-Jul-2020	24-Jul-2020	133	133											
642	Internal Electrification		44	28-Jun-2020	10-Aug-2020	0	91											
643	UC.2.M.EL100	Electrical Conduit & Back boxes fixing	8	28-Jun-2020	05-Jul-2020	0	91											
644	UC.2.M.EL110	Cable pulling & Connections	6	24-Jul-2020	29-Jul-2020	0	91											
645	UC.2.M.EL120	Distribution Boards & Fitouts	6	30-Jul-2020	04-Aug-2020	0	91											
646	UC.2.M.EL130	Installation of Electrical Utilities	5	05-Aug-2020	09-Aug-2020	0	91											
647	UC.2.M.EL140	Electric system testing	1	10-Aug-2020	10-Aug-2020	0	91											
648	External Water Supply & Sewerage		72	03-Apr-2020	13-Jun-2020	0	149											
649	Water Supply		62	03-Apr-2020	03-Jun-2020	0	159											
650	UC.2.WS100	Excavation for Wsupply line	16	03-Apr-2020	18-Apr-2020	0	159											
651	UC.2.WS110	Laying & Jointing WSupply Pipeline	14	19-Apr-2020	02-May-2020	0	159											
652	UC.2.WS120	Backfill	14	21-Apr-2020	04-May-2020	0	159											
653	UC.2.WS130	Air vent chambers & Valves	3	19-Apr-2020	21-Apr-2020	37	196											
654	UC.2.WS140	Check Valves, Sluice Valves & Chambers	13	19-Apr-2020	01-May-2020	27	186											
655	UC.2.WS150	Construction of Sedimentation tank	12	05-May-2020	16-May-2020	0	159											
656	UC.2.WS160	Construction of Clear water tank	12	17-May-2020	28-May-2020	0	159											
657	UC.2.WS170	Ancillary work	5	29-May-2020	02-Jun-2020	0	159											
658	UC.2.WS180	Water supply testing	1	03-Jun-2020	03-Jun-2020	68	159											
659	Sewerage System		72	03-Apr-2020	13-Jun-2020	0	149											
660	UC.2.SS100	Excavation for sewerage pipe line	21	03-Apr-2020	23-Apr-2020	0	149											
661	UC.2.SS110	Lowering & Laying RCC pipe	10	24-Apr-2020	03-May-2020	0	149											
662	UC.2.SS120	Trenches filling with crushed stones & compacted earth	6	04-May-2020	09-May-2020	0	149											
663	UC.2.SS130	Construction of sewerage treatment area	16	10-May-2020	25-May-2020	0	149											
664	UC.2.SS140	Construction of septic tank	14	26-May-2020	08-Jun-2020	0	149											
665	UC.2.SS150	Construction of manholes	8	04-May-2020	11-May-2020	28	177											
666	UC.2.SS160	Miscellaneous work	5	09-Jun-2020	13-Jun-2020	58	149											
667	Base Course & Surface Course		96	14-Jun-2020	17-Sep-2020	0	53											
668	Khoshe-01		20	14-Jun-2020	03-Jul-2020	0	129											
669	KH.1.BC&SC100	WBM Base Course	12	14-Jun-2020	25-Jun-2020	0	129											
670	KH.1.BC&SC110	Triple Surface Treatment	8	26-Jun-2020	03-Jul-2020	72	129											
671	Khoshe-02		13	11-Jul-2020	23-Jul-2020	0	109											
672	KH.2.BC&SC120	WBM Base Course	8	11-Jul-2020	18-Jul-2020	0	109											
673	KH.2.BC&SC130	Triple Surface Treatment	5	19-Jul-2020	23-Jul-2020	0	109											
674	Logro-1		15	03-Sep-2020	17-Sep-2020	0	53											
675	LG.1.BC&SC140	WBM Base Course	9	03-Sep-2020	11-Sep-2020	0	53											
676	LG.1.BC&SC150	Triple Surface Treatment	6	12-Sep-2020	17-Sep-2020	53	53											
677	Logro-02		11	04-Aug-2020	14-Aug-2020	0	87											
678	LG.2.BC&SC160	WBM Base Course	7	04-Aug-2020	10-Aug-2020	0	87											

- Sand filling under floors
- Solid Block masonry in walls
- Cement sand plaster
- Paints work
- Wooden doors & Aluminium works
- Tileswork on floors & walls
- Roof treatment & drainage
- Rough flooring
- Courtyard Gate
- Khuprail tiles on roof
- 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
- Excavation for Wsupply line
- Laying & Jointing WSupply Pipeline
- Backfill
- Air vent chambers & Valves
- Check Valves, Sluice Valves & Chambers
- Construction of Sedimentation tank
- Construction of Clear water tank
- 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
- WBM Base Course
- Triple Surface Treatment
- WBM Base Course
- Triple Surface Treatment
- WBM Base Course
- Triple Surface Treatment
- WBM Base Course

Gantt Chart of Dasu-LBRV-11 (13 of 14)

Figure 20 [14/14]



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

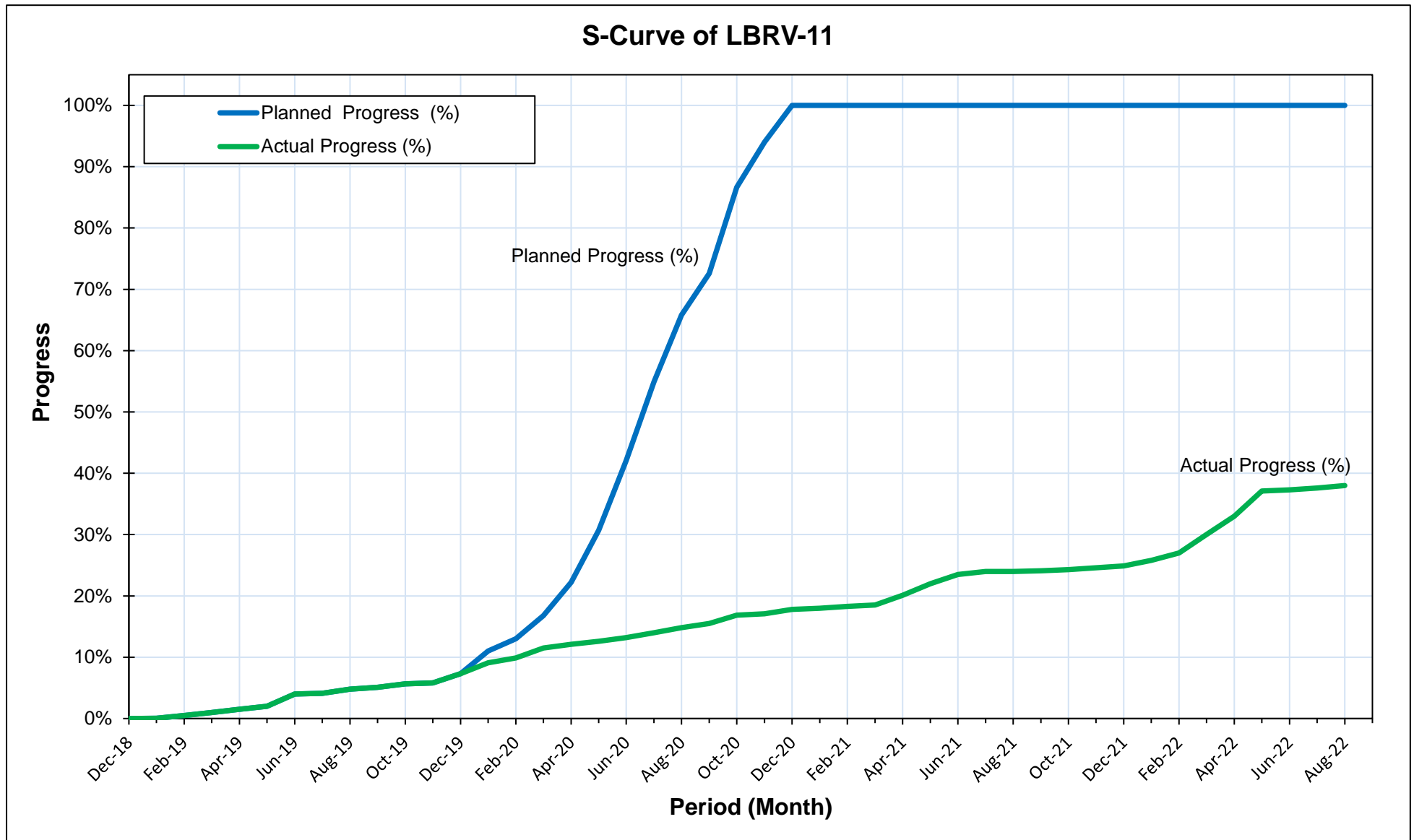


Figure 22: S-Curve for LBRV-11

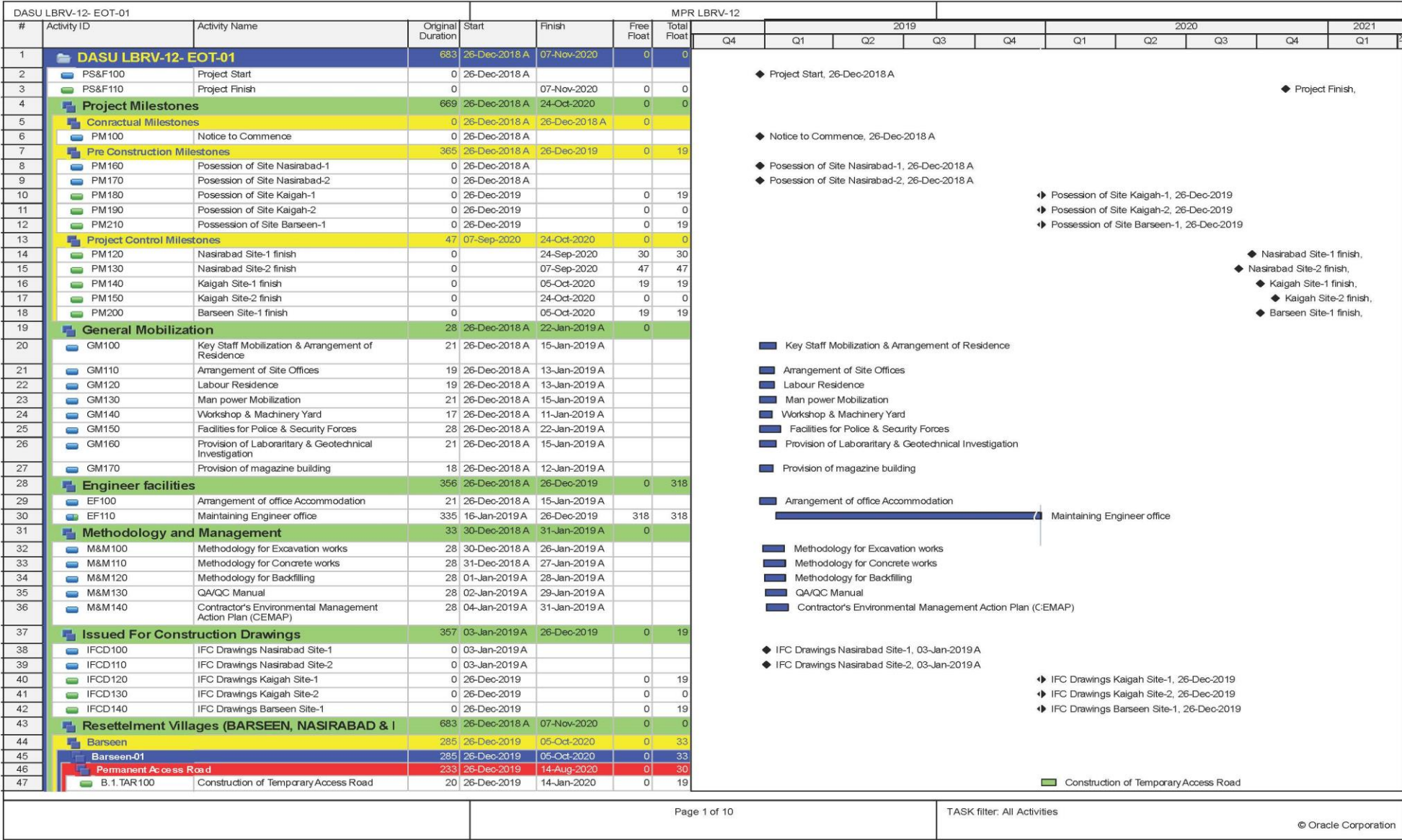
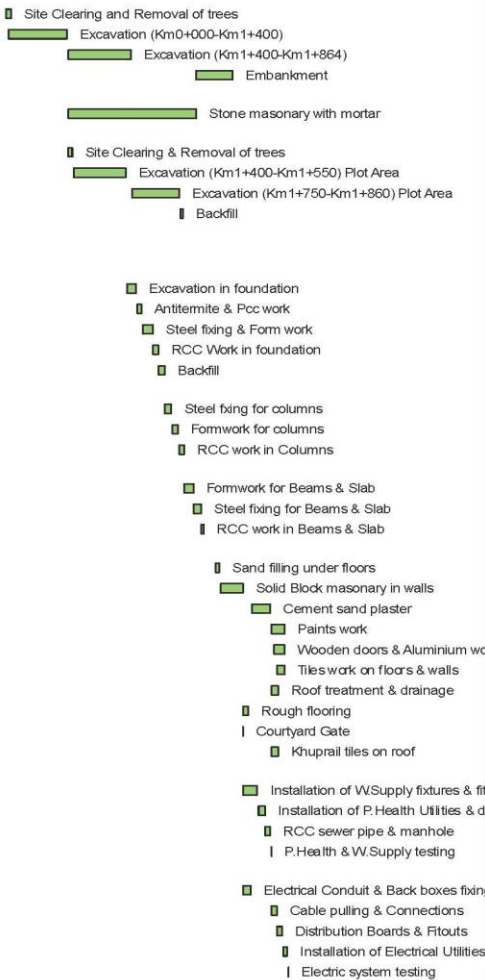


Figure 23: Gantt Chart of Dasu-LBRV-12 (1 of 10)

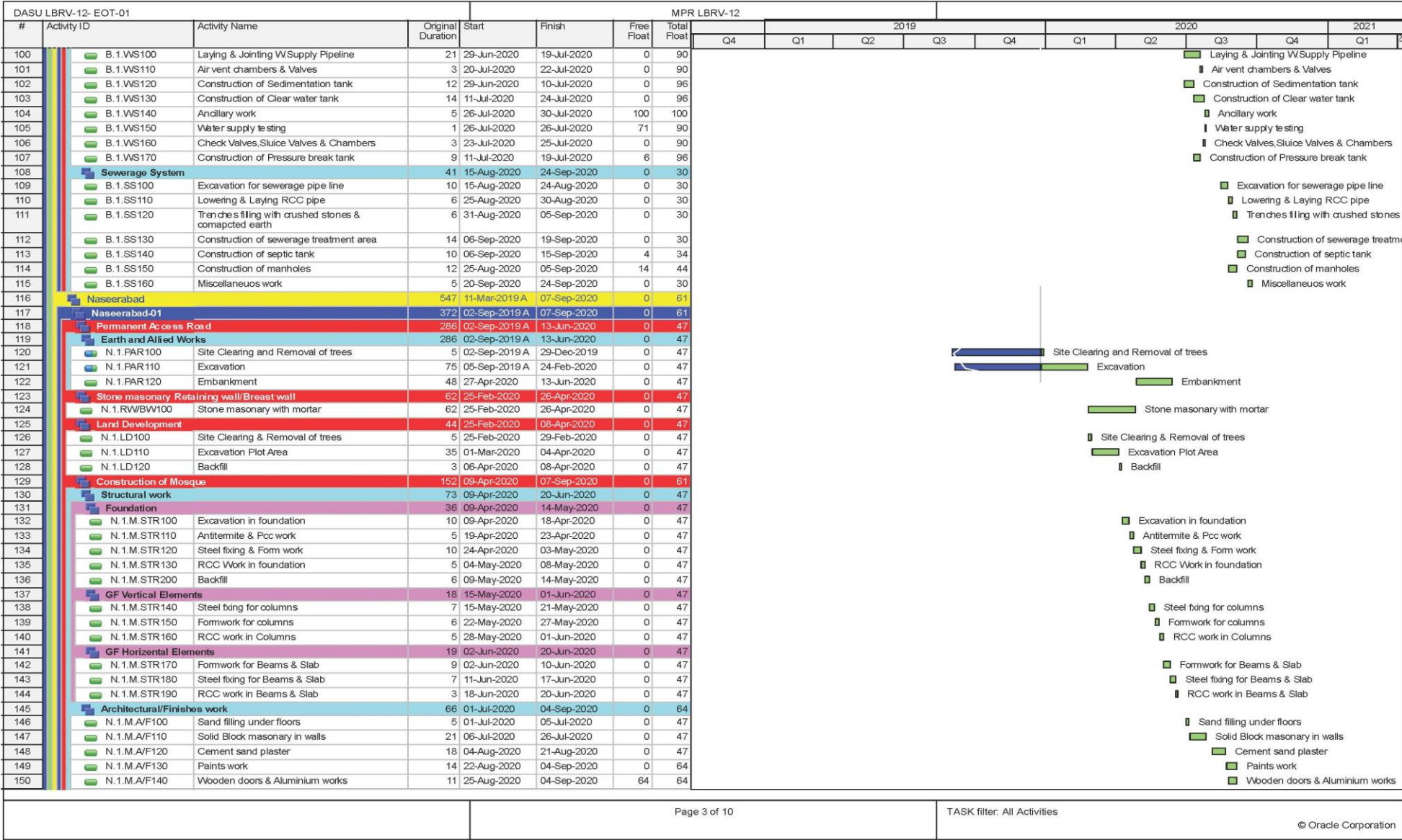
Figure 22 [2/10]

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	
48		Earth and Allied Works	213	15-Jan-2020	14-Aug-2020	0	30											
49	B.1.PAR100	Site Clearing and Removal of trees	5	15-Jan-2020	19-Jan-2020	0	19											
50	B.1.PAR110	Excavation (Km0+000-Km1+400)	55	18-Jan-2020	12-Mar-2020	0	19											
51	B.1.PAR120	Excavation (Km1+400-Km1+864)	60	13-Mar-2020	11-May-2020	0	90											
52	B.1.PAR130	Embankment	35	11-Jul-2020	14-Aug-2020	0	30											
53		Stone masonry Retaining wall/Breast wall	120	13-Mar-2020	10-Jul-2020	0	30											
54	B.1.RW/BW100	Stone masonry with mortar	120	13-Mar-2020	10-Jul-2020	0	30											
55		Land Development	108	13-Mar-2020	28-Jun-2020	0	90											
56	B.1.LD100	Site Clearing & Removal of trees	5	13-Mar-2020	17-Mar-2020	0	19											
57	B.1.LD110	Excavation (Km1+400-Km1+550) Plot Area	50	18-Mar-2020	06-May-2020	0	19											
58	B.1.LD120	Excavation (Km1+750-Km1+860) Plot Area	45	12-May-2020	25-Jun-2020	0	90											
59	B.1.LD130	Backfill	3	26-Jun-2020	28-Jun-2020	0	90											
60		Construction of Mosque	152	07-May-2020	05-Oct-2020	0	33											
61		Structural work	73	07-May-2020	18-Jul-2020	0	19											
62		Foundation	36	07-May-2020	11-Jun-2020	0	19											
63	B.1.M.STR100	Excavation in foundation	10	07-May-2020	16-May-2020	0	19											
64	B.1.M.STR110	Antitermite & Pcc work	5	17-May-2020	21-May-2020	0	19											
65	B.1.M.STR120	Steel fixing & Form work	10	22-May-2020	31-May-2020	0	19											
66	B.1.M.STR130	RCC Work in foundation	5	01-Jun-2020	05-Jun-2020	0	19											
67	B.1.M.STR200	Backfill	6	06-Jun-2020	11-Jun-2020	0	19											
68		GF Vertical Elements	18	12-Jun-2020	29-Jun-2020	0	19											
69	B.1.M.STR140	Steel fixing for columns	7	12-Jun-2020	18-Jun-2020	0	19											
70	B.1.M.STR150	Formwork for columns	6	19-Jun-2020	24-Jun-2020	0	19											
71	B.1.M.STR160	RCC work in Columns	5	25-Jun-2020	29-Jun-2020	0	19											
72		GF Horizontal Elements	19	30-Jun-2020	18-Jul-2020	0	19											
73	B.1.M.STR170	Formwork for Beams & Slab	9	30-Jun-2020	08-Jul-2020	0	19											
74	B.1.M.STR180	Steel fixing for Beams & Slab	7	09-Jul-2020	15-Jul-2020	0	19											
75	B.1.M.STR190	RCC work in Beams & Slab	3	16-Jul-2020	18-Jul-2020	0	19											
76		Architectural/Finishes work	66	29-Jul-2020	02-Oct-2020	0	36											
77	B.1.M.A/F100	Sand filling under floors	5	29-Jul-2020	02-Aug-2020	0	19											
78	B.1.M.A/F110	Solid Block masonry in walls	21	03-Aug-2020	23-Aug-2020	0	19											
79	B.1.M.A/F120	Cement sand plaster	18	01-Sep-2020	18-Sep-2020	0	19											
80	B.1.M.A/F130	Paints work	14	19-Sep-2020	02-Oct-2020	0	36											
81	B.1.M.A/F140	Wooden doors & Aluminium works	11	22-Sep-2020	02-Oct-2020	36	36											
82	B.1.M.A/F150	Tiles work on floors & walls	9	24-Sep-2020	02-Oct-2020	36	36											
83	B.1.M.A/F160	Roof treatment & drainage	7	19-Sep-2020	25-Sep-2020	43	43											
84	B.1.M.A/F170	Rough flooring	5	24-Aug-2020	28-Aug-2020	71	71											
85	B.1.M.A/F180	Courtyard Gate	1	24-Aug-2020	24-Aug-2020	75	75											
86	B.1.M.A/F190	Khuprail tiles on roof	7	19-Sep-2020	25-Sep-2020	43	43											
87		Public Health work	27	24-Aug-2020	19-Sep-2020	0	35											
88	B.1.M.PH100	Installation of WSupply fixtures & fitouts	14	24-Aug-2020	06-Sep-2020	0	35											
89	B.1.M.PH110	Installation of P.Health Utilities & drainage	7	07-Sep-2020	13-Sep-2020	0	35											
90	B.1.M.PH120	RCC sewer pipe & manhole	5	14-Sep-2020	18-Sep-2020	0	35											
91	B.1.M.PH130	P.Health & W.Supply testing	1	19-Sep-2020	19-Sep-2020	16	35											
92		Internal Electrification	43	24-Aug-2020	05-Oct-2020	0	19											
93	B.1.M.ELE100	Electrical Conduit & Back boxes fixing	8	24-Aug-2020	31-Aug-2020	0	19											
94	B.1.M.ELE110	Cable pulling & Connections	6	19-Sep-2020	24-Sep-2020	0	19											
95	B.1.M.ELE120	Distribution Boards & Fitouts	5	25-Sep-2020	29-Sep-2020	0	19											
96	B.1.M.ELE130	Installation of Electrical Utilities	5	30-Sep-2020	04-Oct-2020	0	19											
97	B.1.M.ELE140	Electric system testing	1	05-Oct-2020	05-Oct-2020	0	19											
98		External Water Supply & Sewerage	88	29-Jun-2020	24-Sep-2020	0	44											
99		Water Supply	32	29-Jun-2020	30-Jul-2020	0	100											



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

Figure 22 [3/10]



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

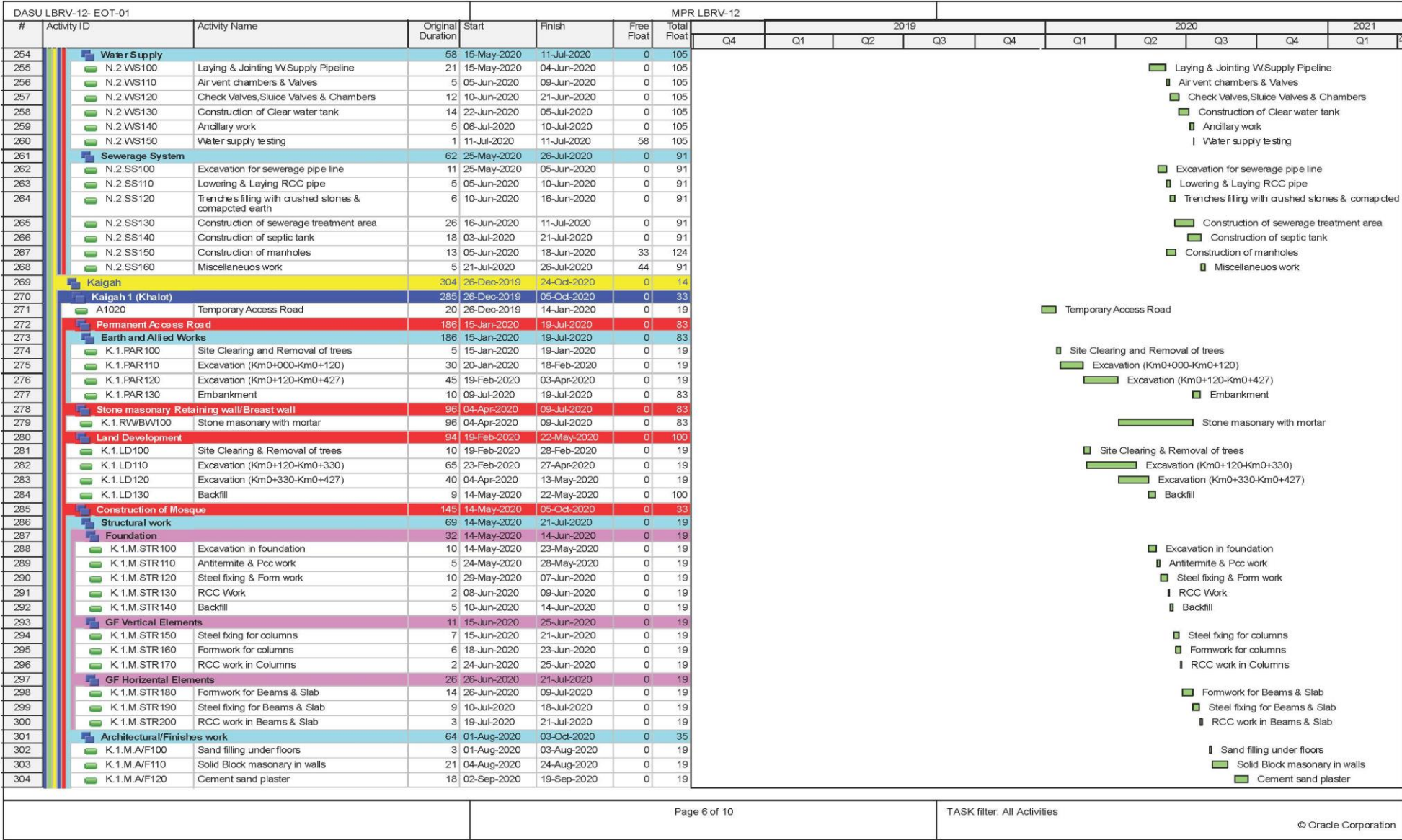
Figure 22 [4/10]

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



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

Figure 22 [6/10]



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

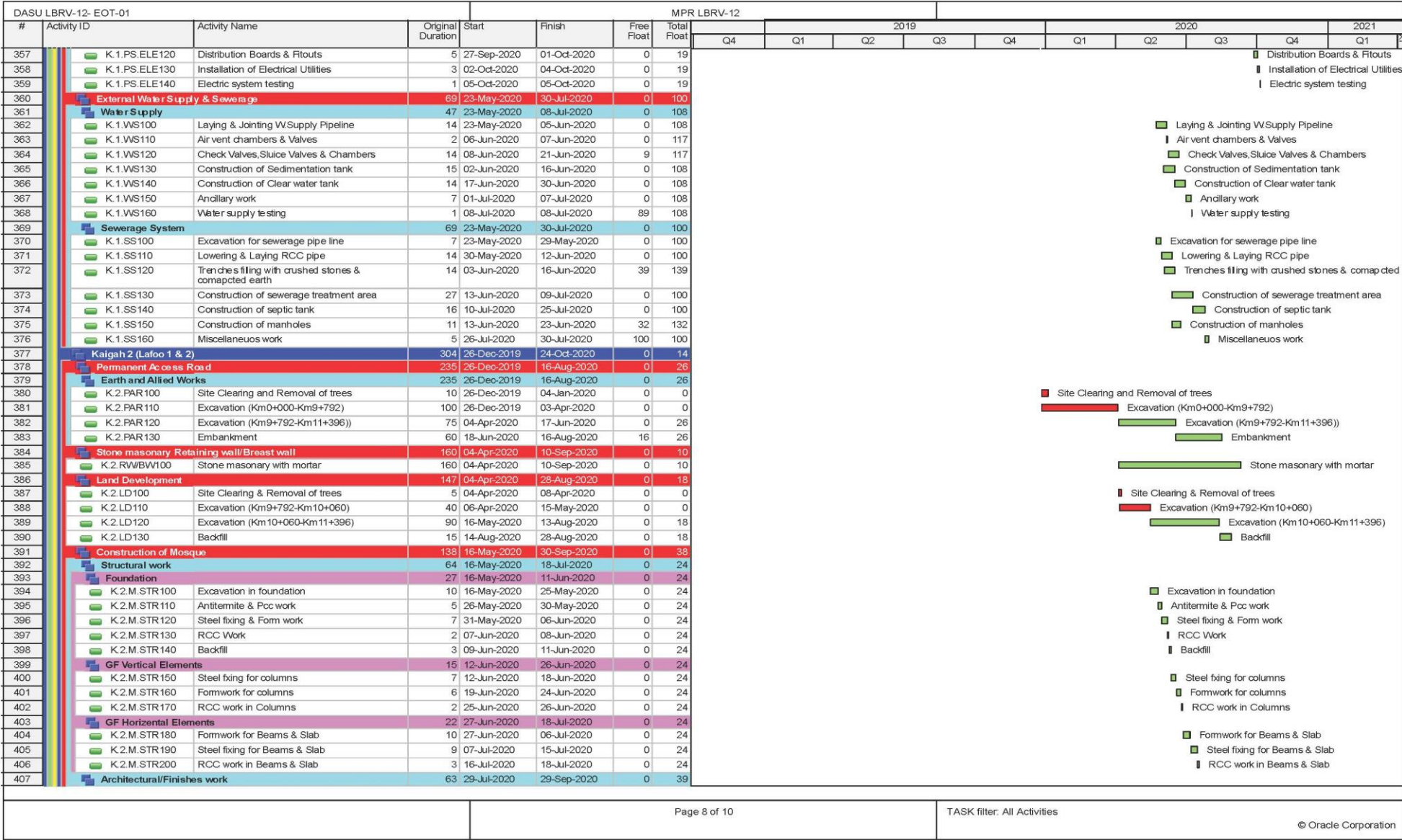
Figure 22 [7/10]

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

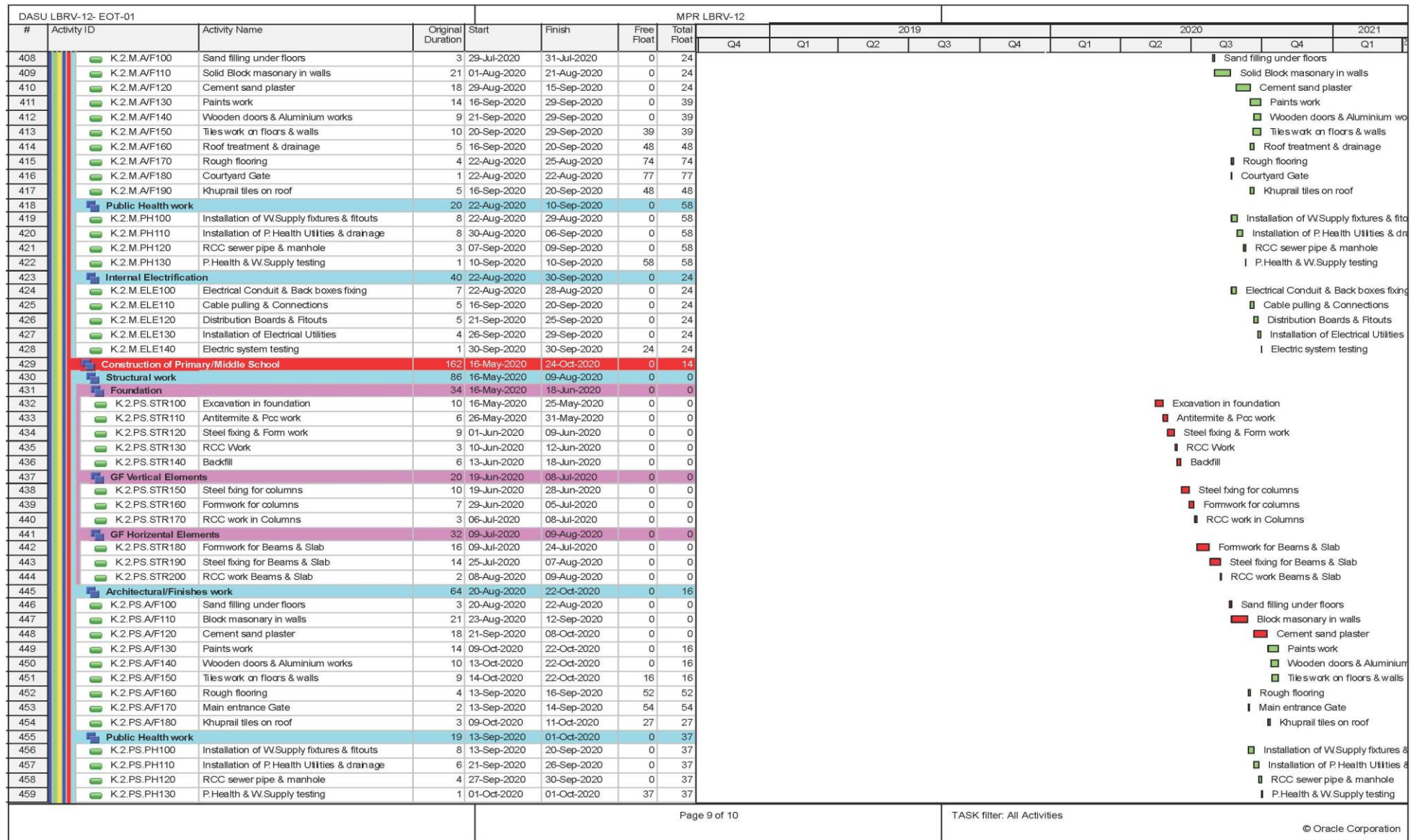
- █ Paints work
- █ Wooden doors & Aluminium works
- █ Tiles work on floors & walls
- █ Roof treatment & drainage
- █ Rough flooring
- █ Courtyard Gate
- █ Khupral tiles on roof
- █ Installation of W.Supply fixtures & fitouts
- █ Installation of P.Health Utilities & drainage
- █ RCC sewer pipe & manhole
- █ P.Health & W.Supply testing
- █ Electrical Conduit & Back boxes fixing
- █ Cable pulling & Connections
- █ Distribution Boards & Fitouts
- █ Installation of Electrical Utilities
- █ Electric system testing
- █ Excavation in foundation
- █ Antitermite & Pcc work
- █ Steel fixing & Form work
- █ RCC Work
- █ Backfill
- █ Steel fixing for columns
- █ Formwork for columns
- █ RCC work in Columns
- █ Formwork for Beams & Slab
- █ Steel fixing for Beams & Slab
- █ RCC work Beams & Slab
- █ Sand filling under floors
- █ Block masonry in walls
- █ Cement sand plaster
- █ Paints work
- █ Wooden doors & Aluminium works
- █ Tiles work on floors & walls
- █ Rough flooring
- █ Main entrance Gate
- █ Khupral tiles on roof
- █ Installation of W.Supply 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

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

Figure 22 [8/10]

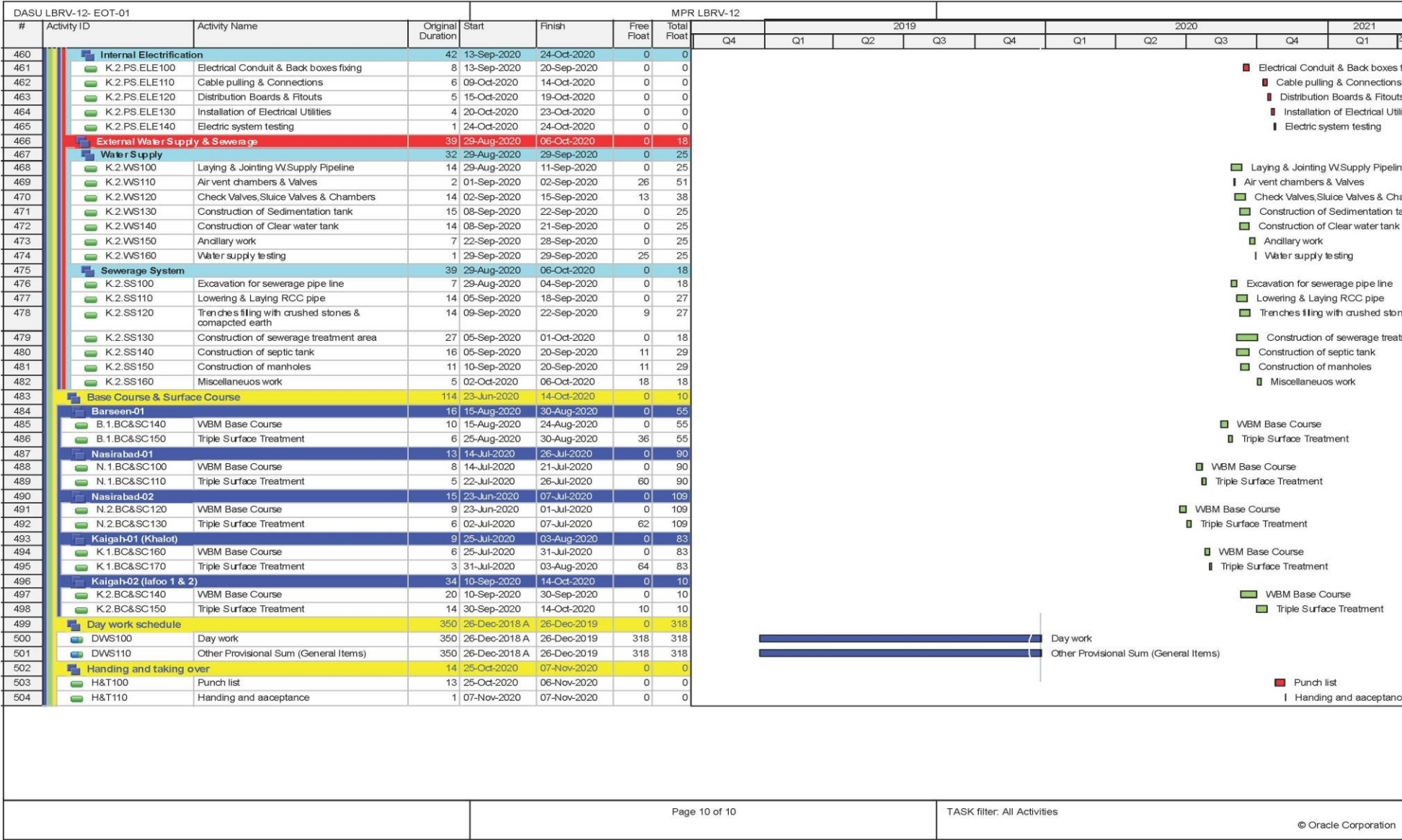


Gantt Chart of Dasu-LBRV-12 (8 of 10)



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

Figure 22 [10/10]



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

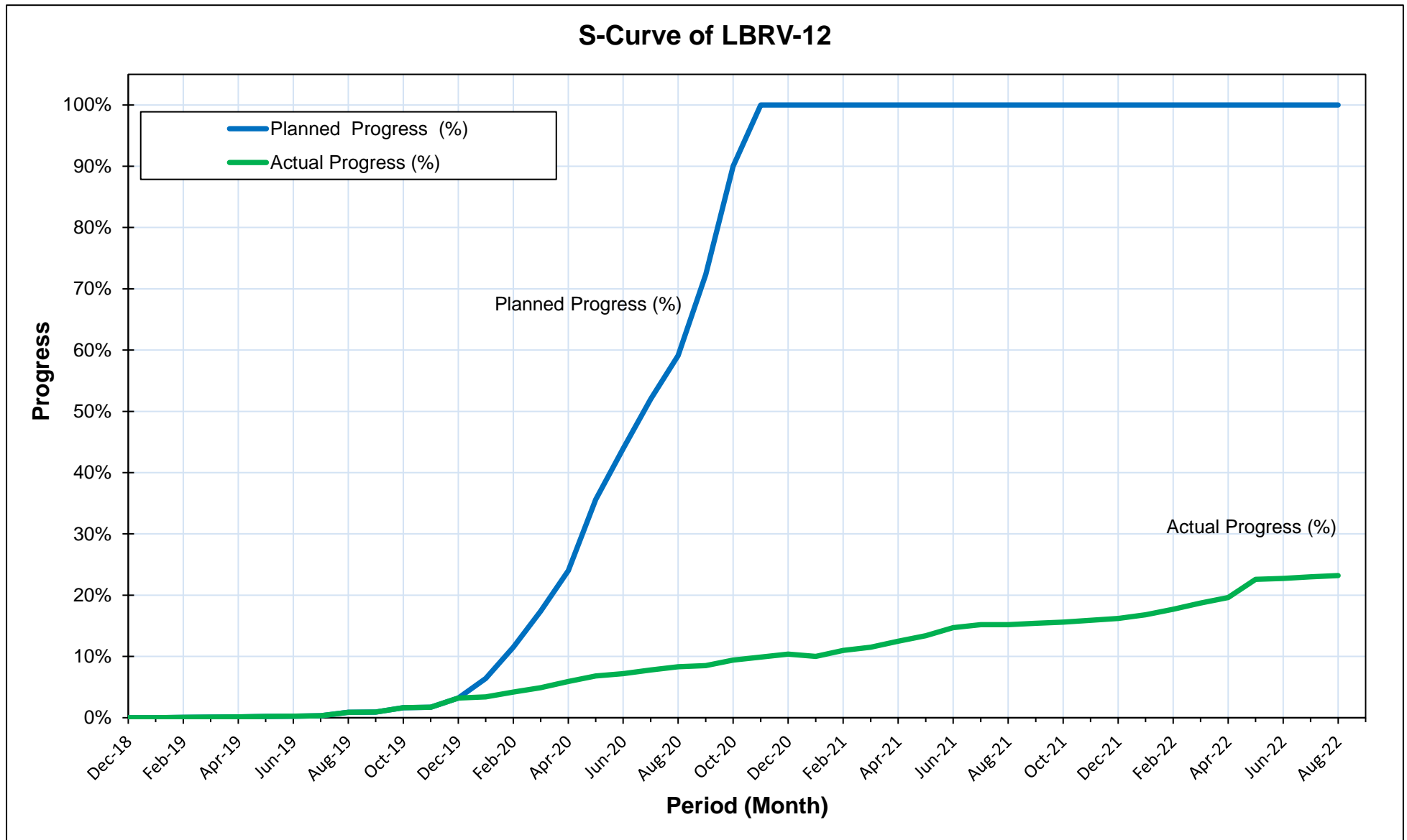


Figure 24: S-Curve for LBRV-12

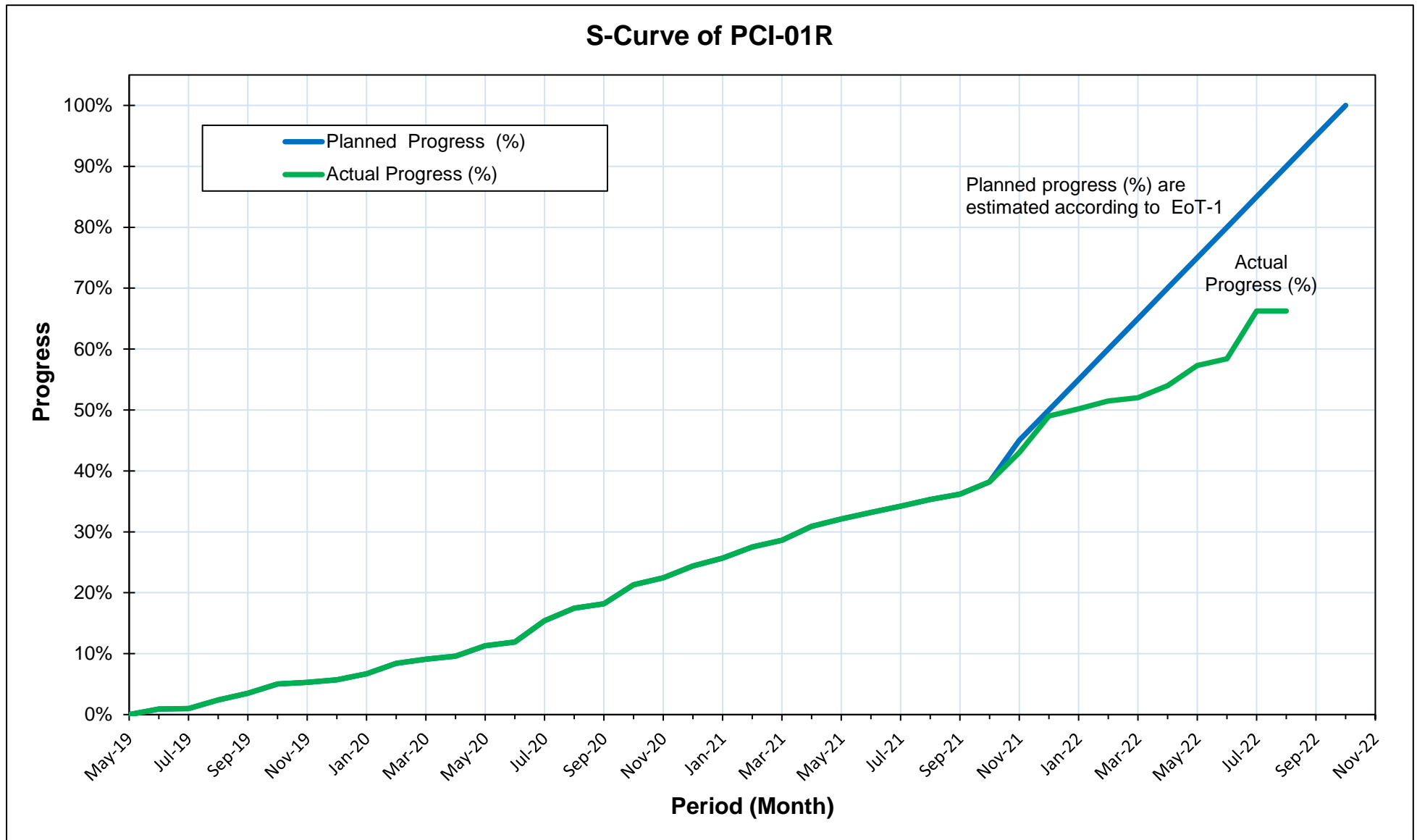


Figure 26: S-Curve for PCI-01R

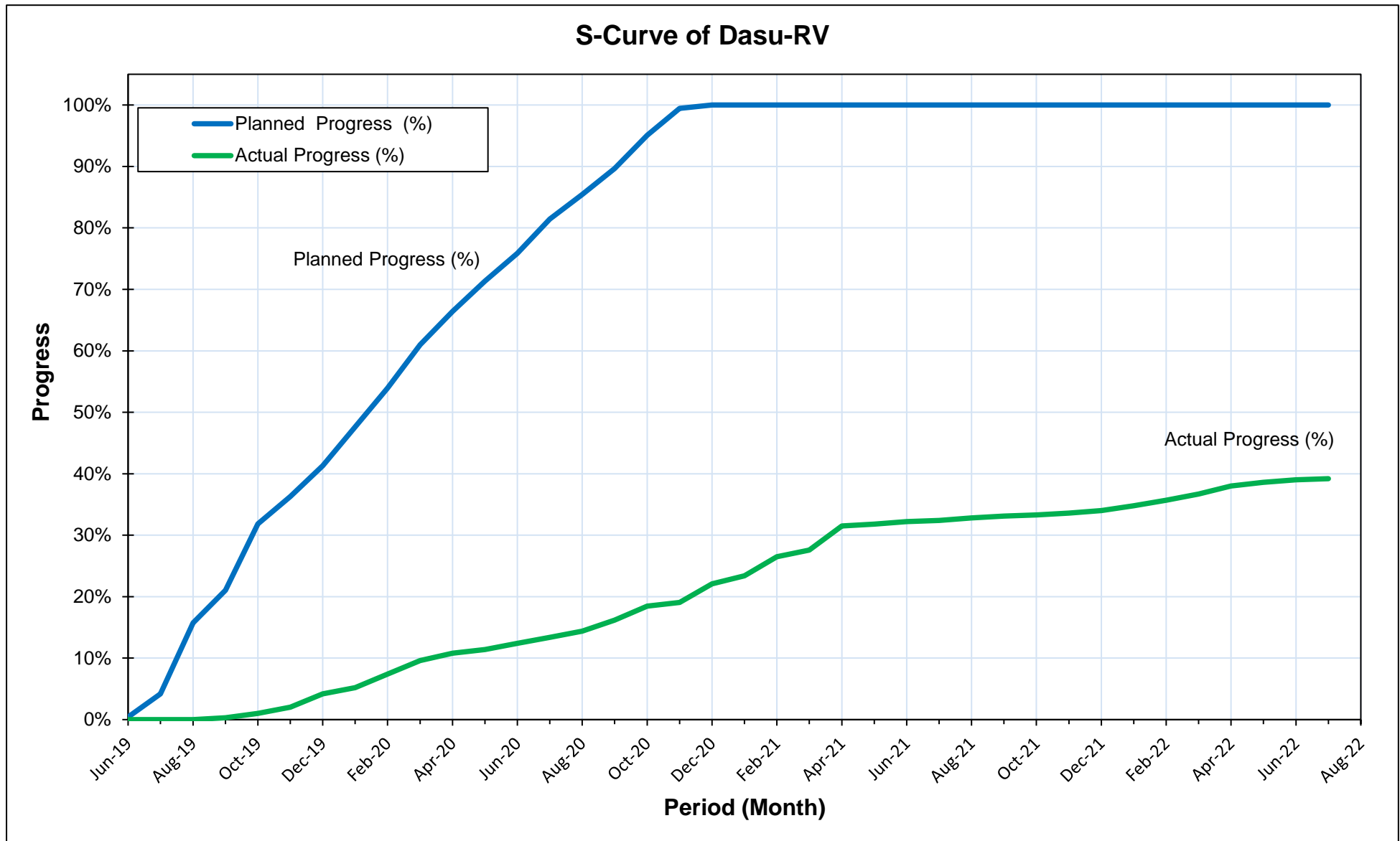


Figure 28: S-Curve for RV

Figure 28 [1/4]

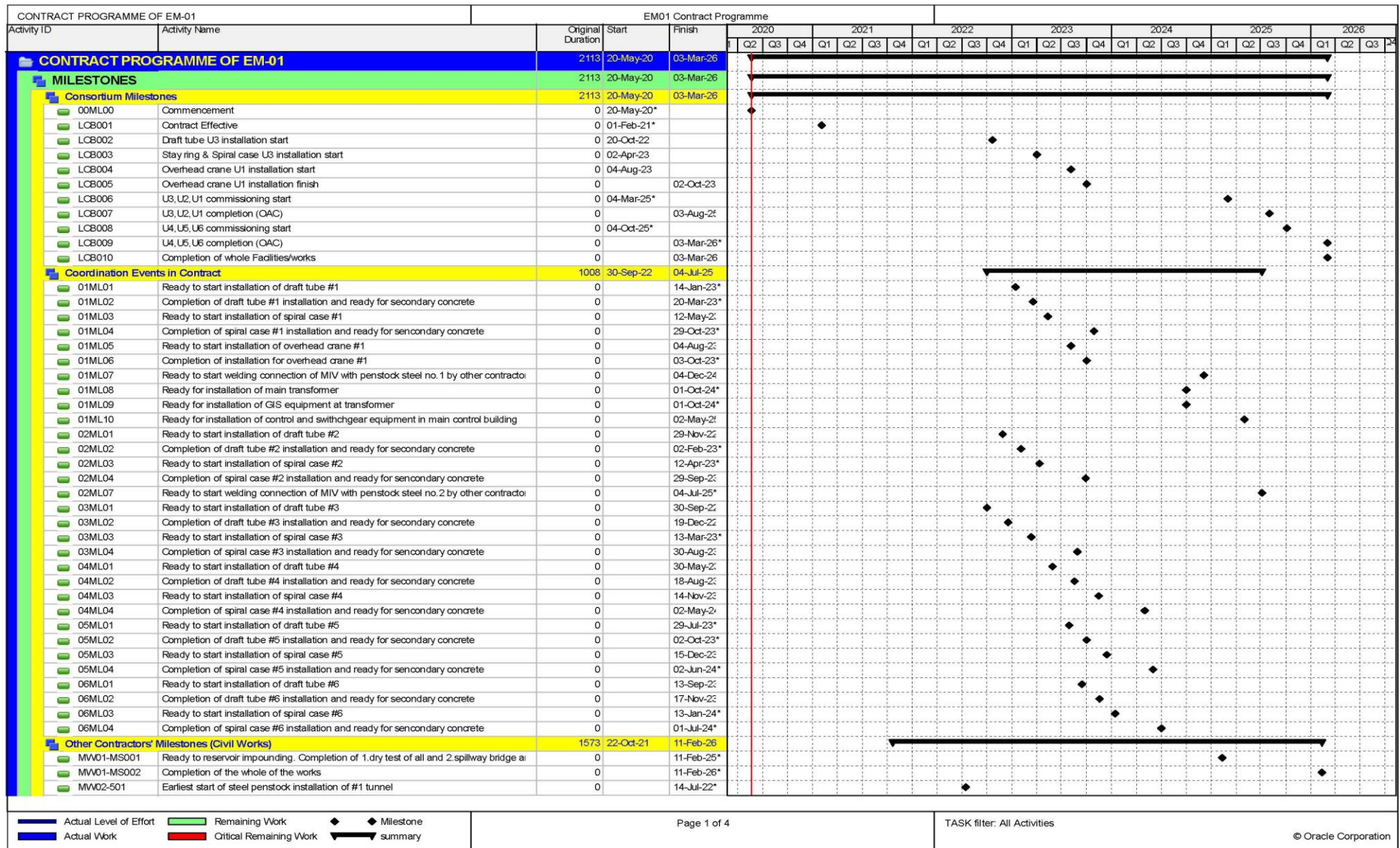
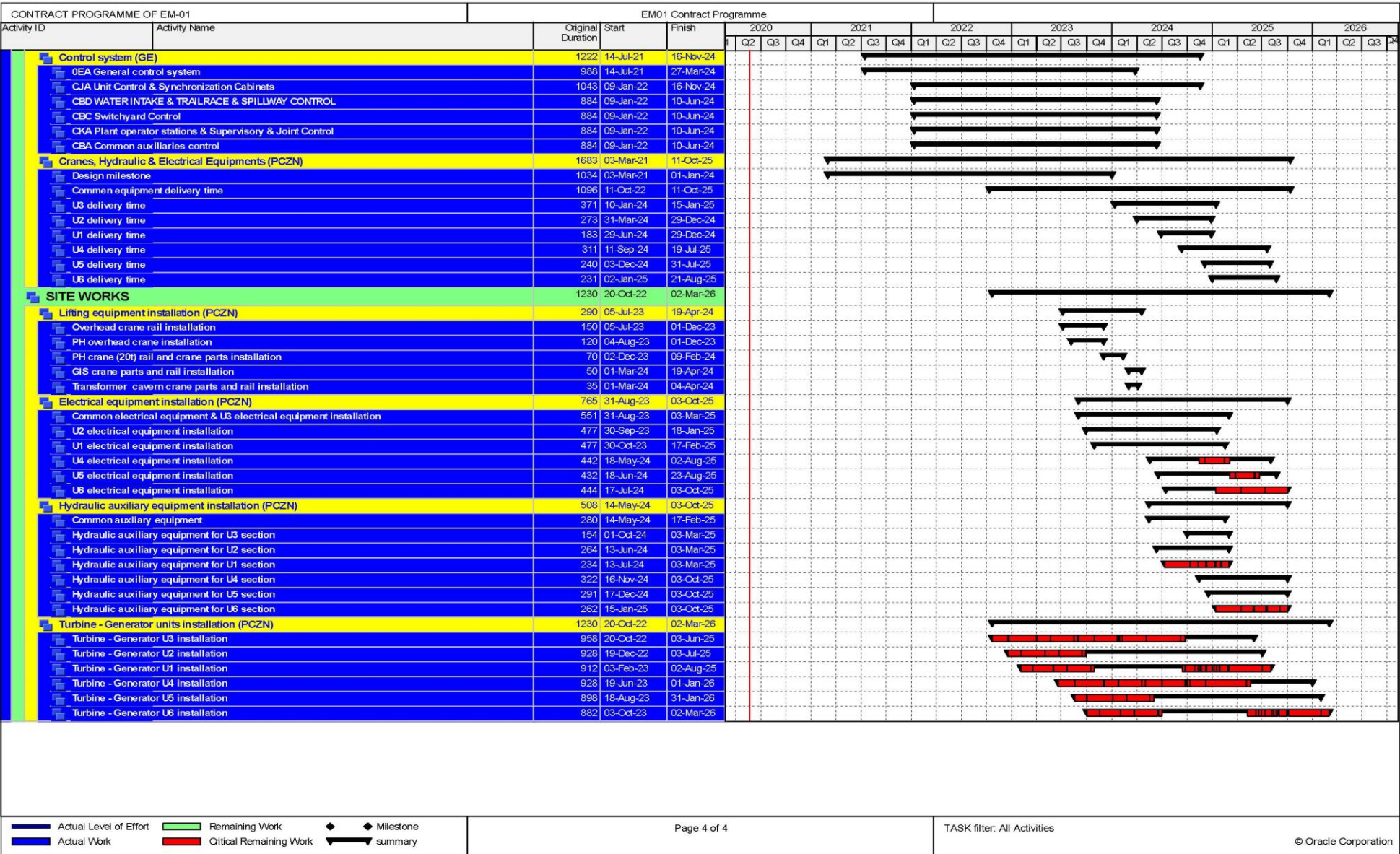


Figure 29: Gantt Chart of Dasu-EM-01 (1 of 4)

Figure 28 [4/4]



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

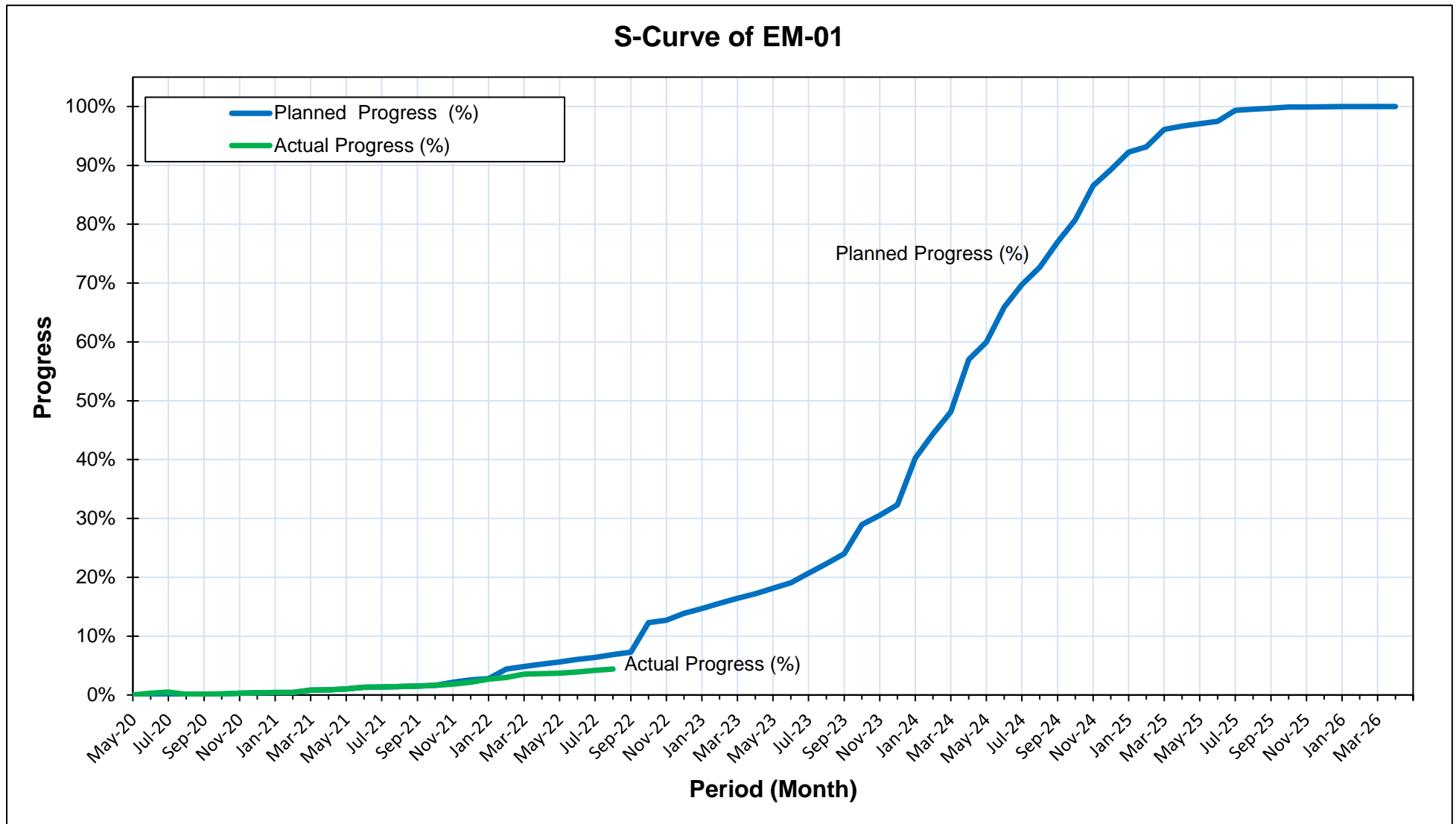


Figure 30: S-Curve for EM-01

APPENDICES

APPENDIX A

Project Activities Pictorial

Appendix A: Project Activities Pictorial



World Bank Team Visit to DHPP Uchaar Nullah Post Flooding Conditions on 11th of Aug 2022



World Bank Team Visit to DHPP Underground Works on 11th of Aug 2022



Traffic Management Presentation to World Bank Team on 12th of Aug 2022 in DHC Office



Uchar Nullah Crush Plant of CGGC and Main KKH Flooding dated 27th Aug 2022



Damage to Uchar Labor Camp of CGGC by Flooding

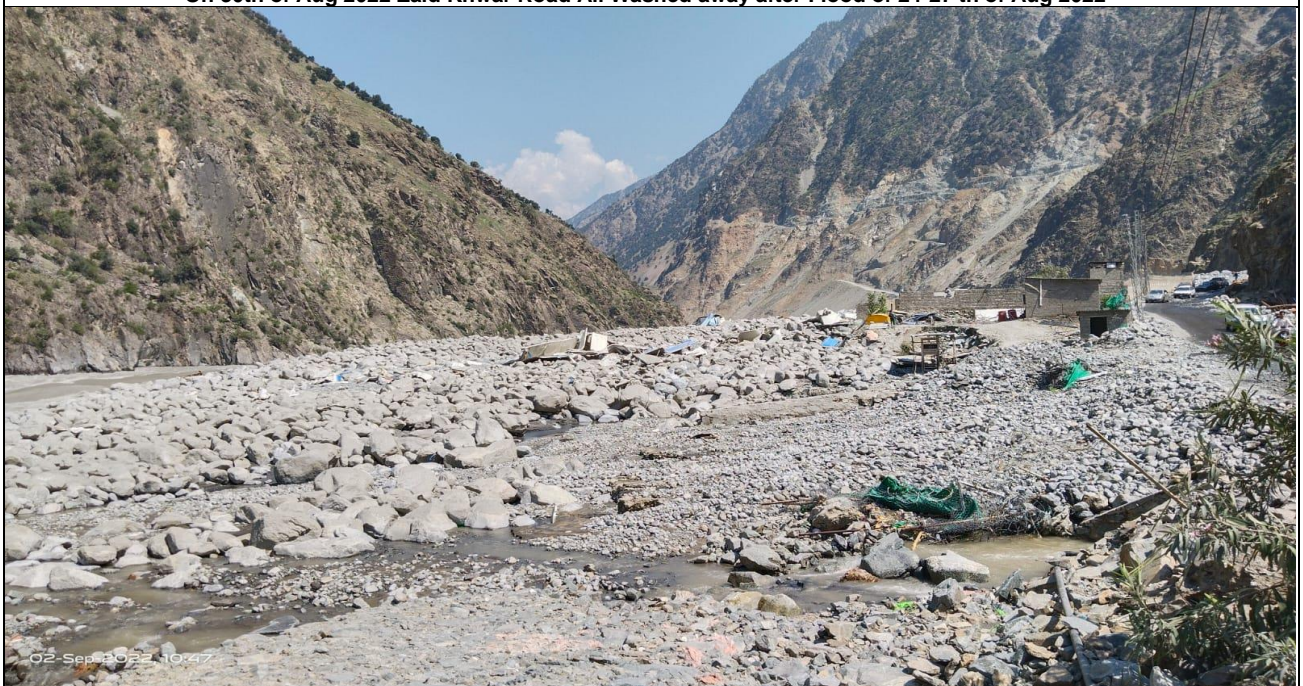
Damage to Road at Zaid Khwar Main KKH Portion



After Road Washed Away at Zaid Khwar Nullah on 28th of Aug 2022



On 30th of Aug 2022 Zaid Khwar Road All Washed away after Flood of 24-27 th of Aug 2022



Zhongmei Camp Area at Uchar All Washed away by Flood Dated 02 Sep 2022



02 Sep 2022, 10:45

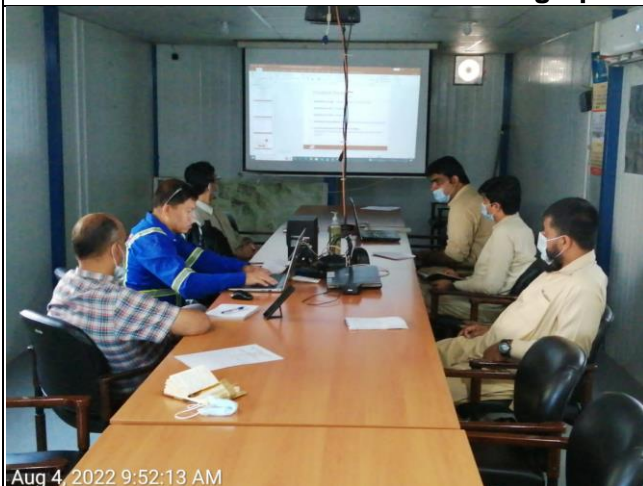
Currently there is no bridge on Uchaar and People have to pass through this Flowing Waters 02-09-2022



05 Sep 2022, 16:22

Zaid Khwar Nullah Opened for Light Traffic on 04th of August 2022.

Photographs of OHS Section



Aug 4, 2022 9:52:13 AM

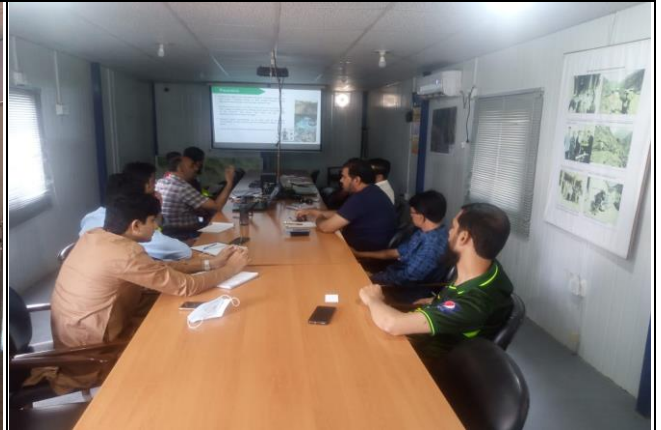
Training conducted by DHC OHS



OHS Training of workers conducted by CGGC



CGGC conducted training of staff at CR09 – MW02



DHC OHS conducted training on severe weather condition



AFI inspection of fire fighting facilities conducted by DHC OHS



View of monthly fire extinguisher inspection at DHC Office



View of routine site walkthrough visit by DHC OHS



View of DHC, WAPDA and WB higher management visit to MW02



View of onsite meeting with CGGC OHS regarding WB visit and non-compliances at MW02



View of routine TBT by CGGC at Uchar Crush Plant



View of routine TBT by CGGC at MW01



View of CGGC, DHC, WAPDA and WB higher management visit to MW01

Photographs of Social & Resettlement Section



Meeting with RVs community regarding finalization of the plots and deficiencies at RVs



Preparation of SMR paid files is in process at Social and Resettlement Section.



Preparation of SMR paid files in process at S&R Section for payment of project allowances.



DC Office and DHC staff working on SMR Payments at admin section DC Office, Kohistan



DC office accounts branch and DHC staff working on disbursement of compensation payment at DC Office



DC office accounts branch and DHC staff working on disbursement of compensation payment at DC Office



ESMR Committee's meeting with DC Upper Kohistan at DC Office



DC Upper Kohistan and PD DHPD presenting ESMR cheques to AHHs at DC Office



DC Upper Kohistan chairing introductory meeting with ESMR committees



Working on SMR Payments at admin section DC Office



ESMR Cheque distribution at DC Office



ADC Upper Kohistan providing ESMR cheques to the AHHs at Admin Section DC office



Progress review meeting in S&R Section on ESMR Files



WAPDA and DHC R&R team working on TRP files



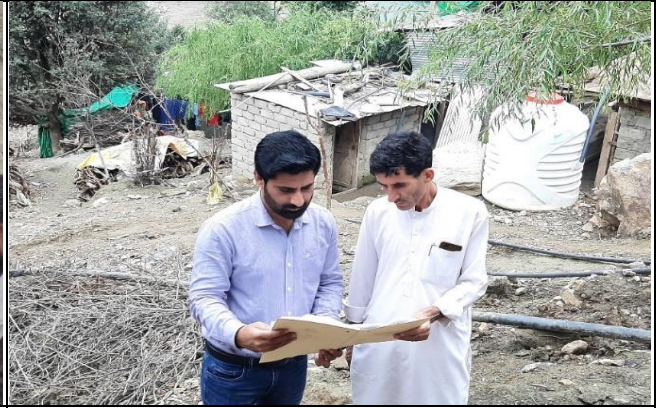
Meeting Seer gayl representative about finalization of Khasra numbers 29-08-2022



AHHs from Doondar village signing declaration and other formats for completion of ESMR files



S&R team visited Resettlement Sites of Chuchang and Khushi on August 03, 2022. To discuss the resettlement site issues.



GIS Team visited the site (Access Road to Resettlement Sit-4 at kuz Chuchang) along with patwari on August 22, 2022.



Satellite Imagery downloaded year 2022 from open source (sentinal-2) for disaster management of Uchar and surrounded area



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



Excavation at K28 access Road



Blasting at K31 Access Road



Excavation at Kandia Access Road



Charging for Blast at K13+250 ~ 290



EXCAVATION & LOADING K2+050 in progress (KOMILA BYPASS)



EXCAVATION & LOADING K0+650 (KOMILA BYPASS)



Excavation & Loading K2+180 in progress (Komila Bypass)



Slided Material around K11+500 area (RAR-01)



Slab concrete of control house building



Slab concrete of Control House building



Foundation concrete of switch gear equipments



Excavation/Cutting work at Access road to Grid Station.

Photographs of MW-01 & MW-02



Uchar Nullah opened for oneway traffic



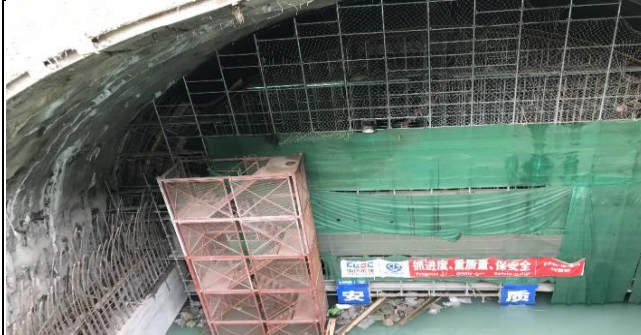
MW02- Excavation for Intake on left bank



MW01-Fixing Equipmen at Uchar Crushing Plant aggregates production area (22.08.2022) (1)



MW01-Retaining wall construction at aggregates staking area of Uchar Crushing Plant (22.08.2022)



MW01- inundated Diversion Tunnel B



MW01- Inlet View of DTs and TDT



MW01- Formwork of DTB



MW01- Facilities for DTs at CR2



MW01- Facilities for DTs at CR2



KKH01- CCECC concrete production camp inundated



MW01- Crushing Plant 120t-hr at Uchar



MW-01- Civil work at Uchar Crushing plant aggregate production area



KKH01- Inundated Camps at U.S of Uchar Nullah



Debris at Uchar Nullah

Photographs of EM-01, LBRV-11, 12, PCI-01R & RV



Slope Protection Of Nasirabad Site



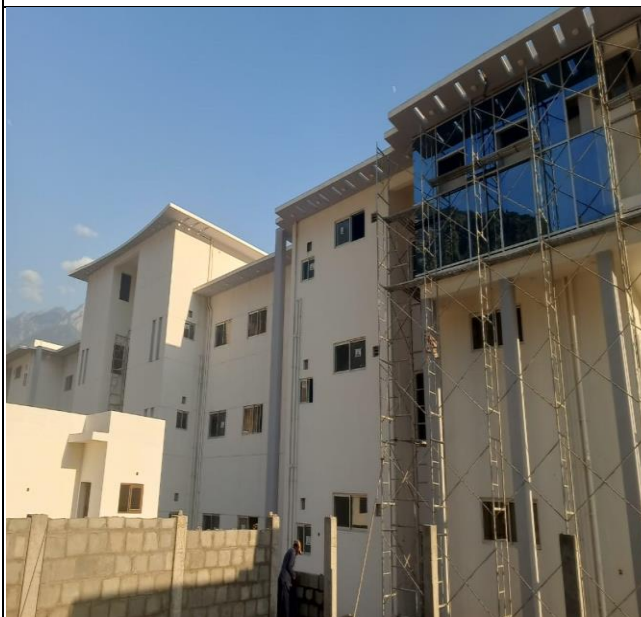
Mosque Work Of Nasirabad Site 02



Road Work Nasirabad site 02



Top Veiw of Mosque Nasirabad site 02



Glass Work of WAPDA Project Office



Glass Work of WAPDA Project Office



Glass Work and Paint Works in Progress of WAPDA Project Office



Residence Cat-1 Construction of Boundary Wall in Progress



Residence Cat-1 Construction of Boundary Wall in Progress

APPENDIX B

The Envisaged Man Months

APPENDIX C

Submission of Deliverables

Appendix C: Submission of Deliverables

Date	Subject
01.08.22	Interim Payment Certificate No.32.PCI-01R
01.08.22	Interim Payment Certificate .IPC No.62.TL-01
01.08.22	Estimate LADP-DWS-Draft Bidding Document & Cost Estimate
01.08.22	Site Inspection Report for Third Flood in Indus River and Uchar Nullah MW-01
02.08.22	Rate Analysis for (RCC 1 2 4), Sanitation and Sewerage System for Komila and Dasu (SA-01)
03.08.22	Submission of Technical Note on Tentative Measures for Power Supply for Main Civil Works
04.08.22	Environmental Screening Report of Proposed Solid Waste Disposal Site at Kaigah
04.08.22	Environmental Screening Report of Proposed Solid Waste Disposal Site at Kaigah
05.08.22	Detail Incident Investigation Report at CT-2.MW-02
06.08.22	Instruction to Commence The Varied Works of Slope Protection at Choochang-1 Resettlement Village Site.PCI-01R
06.08.22	LADP Monthly Progress Report No.40 for the Month of July 2022
08.08.22	Payment Certificate-Solar Street Lights for Komila and Dasu
08.08.22	LADP-MI-1-Interim Payment Certificate No.6
10.08.22	Submission of Method Statement of Logro A (K9) Tunnel.KKH-01
10.08.22	Interim Payment Certificate No # 32.RAR-01
10.08.22	LADP-RHC-Monthly Progress Report
11.08.22	Submission and Request for Confirmation of Contractors All Risk Insurance Policies Proposal. KKH-01
12.08.22	Site Inspection Report for Fourth Flood in Uchar Nullah.MW-01
12.08.22	Interim Payment Certificate No # 26 KKH-10
13.08.22	LADP-Inspection Report of M&S Visit to Dasu HPP
13.08.22	LADP-Submission of Site Visit Report for Water Supply Scheme Asheel (Self Resettlement Site)
15.08.22	GIS Access Tunnel Geological Mapping from Sta.0+000 to Sta.0+120.MW-02
15.08.22	Re-Submission Generator Fire Fighting P&ID and Design Memo.EM-01
16.08.22	Main Access Tunnel Geological Mapping from Sta.0+150 to Sta.0+963.MW-02
18.08.22	Dasu Generator FE Calculation Report of Stator Frame Upper Bracket Generator Load on Foundation for Approval.EM-01
18.08.22	VO-004-Vatiation Regarding Omission of Non Handed Over Resettlement Sites.LBRV-11
19.08.22	Interim Payment Certificate No # 30 • For June-2022 (Contractor IPA # 31)
20.08.22	Connection Tunnel CT-02 Geological Mapping from Sta.0+000 to Sta. 0+050
23.08.22	Interim Payment Certificate No # 30 - For June-2022 (Contractor IPA # 31)
25.08.22	Supplying and Installation of False Ceiling Lights in Project Office Building Complete in all Respect
25.08.22	Supplying and Installation of False Ceiling Lights in Project Office Building Complete in all Respect
29.08.22	Site Inspection Report for Uchar Nullah Flood on August 26th, 2022 MW-01
30.08.22	Engineer's Assessment on Principle of Claim MW-01-C-13 "Firing Incident at River Diversion Inlet Area'
30.08.22	Selection of Sole Member for Dispute Board (DB) for Contract KKH-02
31.08.22	30th Environmental Progress Report for the Period from April to June 2022
31.08.22	Site Inspection Report for Debris Flow in Uchar Nullah for the Months of July and August 2022 (MW-01)

APPENDIX D

List of Meetings

Appendix D: List of Meetings

Date	Meeting With	Place	Subject
01.08.22	RAR-01	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for RAR-01
01.08.22	TL-01	DHC Meeting Room	Monthly OHS Progress Review Meeting for RAR-01
01.08.22	PCI-01R	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for PCI-01R
05.08.22	PCI-01R	CGICOP Site Office	Progress Review Minutes of Meeting Held dated 27th July 2022.PCI-01R
06.08.22	MW-01	DHC Office	Minutes of Weekly Meeting 26 July 2022.MW-01
06.08.22	MW-01	DHC Conference Room	Minutes of Weekly Meeting 26 July 2022.MW-01
06.08.22	PCI-01R	CGICOP site office.	Progress Review Minutes of Meeting Held dated 6th August 2022.PCI-01R
16.08.22	TL-01	DHC	Minutes of Monthly OHS Progress Review Meeting for TL-01
19.08.22	RAR-01	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting for RAR-01
22.08.22	KKH-01	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting
24.08.22	TL-01	Contractor Camp	Minutes of Weekly Progress Review Meeting TL-01
31.08.22	PCI-01R	DHC Office	Minutes of Monthly OHS Progress Review Meeting (PCI-01R)

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.	04.08.22	GM/PD/DHPP/Dir(C)/6B(CS)/5362-65	Report of Inquiry Committee Constituted for Verification of Inventory Held by M/S DHC against the WCAP Funds	
2.	04.08.22	GM/PD/Dasu HPP/Accts/F-243/38-42	Release of Payments of Reimbursable Invoice No. 092 for the Month of March 2022 and Remuneration Invoice No. 094 for the Month of May 2022	
3.	12.08.22	GM/PD/DHPP/Dir(C)/6B(CS)/5455-60	Request for Approval of Mr. Sherbaz Khan for the Position of Jr. Utility Engineer (Colony, RV, PH, Control Buildings) (L32) as a Replacement of Syed Haroon Ali shah	
4.	12.08.22	GM/PD/DHPP/Dir(C)/6B(CS)/5492-97	Request for Approval of Mr. Asad Fareed for TBN Position of Sr Engineer (Financial Expert/ Sr Contract Engineer, L127)	
5.	16.08.22	GM/PD/DHPP/S&D/MW-01/9886-91	Maintenance of 04 No. Phycial Models of Dasu HPP for the Period of 01.07.2022 to 30.06.2023	
6.	17.08.22	CE/PD/WMSC/Dasu HPP/ Maintenance/50	Request for Meeting regarding Additional Hydraulic Model	
7.	29.08.22	GM/PD/Dasu HPP/DDT/6B(CS)/ 5729-33	Request for Extension of Multiple Entry work Visa of Mr. CEBECI Hulusi Haluk	
8.	29.08.22	GM/PD/Dasu HPP/DDT/6B(CS)/ 5734-37	Request for Extension of Multiple Entry Work Visa to Mr. Hojjat Hosseinzadeh	
Dasu Office				
9.	01.08.22	GM/PD/DHPP/Env/E-13/344-46	Complaint of Local Community	
10.	01.08.22	DHPP/Security/989	Advisory Notice	
11.	01.08.22	GM/PD/DHPP/Security/9500-9503	Conversion of Vehicles into Armour Plating Bullet Proof for Chinese Expats Working at DHPP	
12.	01.08.22	DHPP/Security/992-98	Security Upgrade Program Progress	
13.	01.08.22	GM/PDDHPP/Contracts/GEN/01A/9490-91	Dispute Boards Decision Under Sub Clause 20.4 - Application of the Tender Discount Letter of Appreciation	
14.	02.08.22	DHPP/Security/1003	Advisory Notice	
15.	02.08.22	GM/PD/DHPP/Security/1000-02	Report on Stock Checking	
16.	03.08.22	GM/PD/Dasu HPP/DD(T)/ SV/ Foreign/57/5118-38	Security Arrangement for Visit of World Bank to Dasu HPP Site from August 9-12 2022	
17.	03.08.22	GM/PD/DHPP/Dir(C)/6(B)(CS)/5355-58	Proposal on Replacement of K-12 RE Hydraulic Steel Structures	
18.	03.08.22	GM/PDDHPP/Contracts/DB/116AR-2/9636-39	DB Decision on Tender Discount- Contractors Notice of Dissatisfaction Per Sc 20.4	
19.	04.08.22	GM/PD/DHPP/(Admn)/DHC/9666-67	Application of Mr. Saeed Afzal	
20.	04.08.22	GM/PD/DHPP/(Admn)/DHC/9662-63	Application of Mr. Habib ur Rehman	
21.	04.08.22	GM/PD/DHPP/(Admn)/DHC/9662-69	Application of Mr. Munawar Shah	
22.	04.08.22	GM/PD/DHPP/(Admn)/DHC/9664-65	Application of Mr. Izhar UI Haq	
23.	03.08.22	DHPP/Security/1009-15	Security Upgrade Program Progress	
24.	04.08.22	DHPP/Security/1015-23	Move of Foreigners to Komila Dasu Market	
25.	05.08.22	GM/PD/DHPP/Security/1024-27	Outstation Movement of Expatriates	
26.	04.08.22	GM/PD/DHPP/Admn/A-53/9672-77	Nomination for Compensation Disbursement Committee	
27.	05.08.22	GM/PD/Dasu HPP/DD(T)/ SV/ Foreign/575389-5409	Security Arrangements for Visit of World Bank Implementation Support Mission to DHPP Site from Aug 9-12-2022	
28.	05.08.22	PD/DHPP/Security/1029	Tented Pitch Black Escort Vehicle	
29.	05.08.22	GM/PD/DHPP/Security/1030-31	Coordination Meeting Security Related Aspects	
30.	09.08.22	GM/PD/DHPP/Security/1041-47	Violation of SOPs by Expatriate	
31.	09.08.22	GM/PD/DHPP/Security/1039-40	Coordination Meeting Security Related Aspects	
32.	11.08.22	GM/PD/DHPP/Security/5-4/1053-56	Outstation Movement of Expatriates	
33.	11.08.22	GM/PD/DHPP/Contracts/Floods/10/9767-72	Flood Damages Report Along with Remedial Measures	
34.	12.08.22	GM/PD/DHPP/Dir(C)/DHC(Audit)/5486-91	Audit of Payment Made to DHC Contract for Consultancy Services for Preparation and Implementation of DHPP	
35.	15.08.22	GM/PD/DHPP/Dir (C)/6B (CS)/5505-10	Proposal on Replacement of K-12 RE (Hydraulic Steel Structures) Assignment-B	
36.	16.08.22	GM/PD/DHPP/ADMN/PF-404/9896-9906	Notification	
37.	16.08.22	GM/PD/Dasu/HPP/DD(T)/Dam-35/5535-39	Request for Issuance of Visa for Personnel of M-S China Gezhouba Group Co.LTD	
38.	18.08.22	GM/PD/DHPP/Security/1068-72	Loopholes In the Security Arrangements at DHPP, Hazro - Hattian Camp Site	
39.	22.08.22	GM/PD/Dasu HPP/-6B(CS)/5630-33	Procurement of Satellite Imagery of Uchar Nullah area (July 2022, August & September 2019)	
40.	23.08.22	GM/PD/DHPP/SS/S&R/E-28/5325	Salary - Wages Information of Pakistani Workers Working With Contractors	
41.	24.08.22	GM/PD/DHPP/10090-92	Clarification on Grant of Offer Letter Temporary Permit for Major Minerals in the Name of WAPDA for Construction Implementation of DHP	
42.	25.08.22	GM/PD/DHPP/Security/1070-75	Threat Alert No.283	
43.	25.08.22	GM/PD/DHPP/Security/1072-78	Coordination Meeting Security Related Aspects	

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Appendix E [2/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
44.	25.08.22	GM/PD/DHPP/Security/1075-80	Advisory Notice and Application	
45.	26.08.22	GM/PD/DHPP/Transport/A11/11067-69	Provision of Toyota Revo G M-T Pick-Up Vehicle	
46.	26.08.22	DG(SS)/S&R/E-66/5347-51	Office Order	
47.	26.08.22	GM/PD/DHPP/11070-77	Office Order	
48.	30.08.22	GM/PD/DHPP/Security/S-07/1083	Violation of SOPS Traveling Foreigners Without Escort form Islamabad to Hattian (Attock)	
49.	30.08.22	GM/PD/DHPP/12056-61	Shifting of Dewatering Pumps from Besham to Dasu Via Babusar - Chilas Road	
50.	30.08.22	GM/PD/DHPP/Dir(C)/6C(CS)/5799-5803	Application of Tiger Security Company Employees	
1.2. Dasu-RAR-01				
Dasu Office				
51.	17.08.22	GM/PD/Dasu HPP/RAR-01/2022/9920-22	Application by Fazal Haq R-O Komila Baypass.RAR-01	
52.	17.08.22	GM/PD/Dasu HPP/RAR-01/2022/9917-19	Application by R-O Komila Bypass .RAR-01	
53.	17.08.22	GM/PD/Dasu HPP/RAR-01/2022/9914-16	Application by Head Teacher's GPS Shah Jahan Komila Bypass .RAR-01	
54.	22.08.22	GM/PD/Dasu HPP/RAR-01/2022/10,1038-40	Dasu RAR-01 Application of Mr. Dost Muhammad	
55.	22.08.22	GM/PD/Dasu HPP/RAR-01/2022/10,035-37	Rehabilitation of Damaged Boundary Wall of Komila Police Station	
56.	31.08.22	GM/PD/DHPP/Contracts/ RAR-01/23E/12101-05	Engineer's Assessment for 4th Extension of Time (EOT)	
1.3. Dasu-RAR-02				
57.	15.08.22	GM/PD/DHPP/CE(C)/RAR-02/KKH-02/DB/116E/98021-24	Selection of Sole Member for Dispute Board	
58.	15.08.22	GM/PD/DHPP/CE(C)/RAR-03/23-F/9825-29	RAR-03 Pre-Qualification Documents for Construction of Right Bank Access Road from Uttargah to Tangir	
1.4. Dasu-KKH-01				
Dasu Office				
59.	02.08.22	GM/PD/DHPP/Contracts/KKH-01/11/9526-30	Request of MS CCECC to Take-Over and Control the Explosive Magazine of MS ZEGL	
60.	03.08.22	GM/PD/DHPP/KKH-01/9631-35	Submission of Quotation Breakdown for Slope Protection at Start Point.KKH-01	
61.	16.08.22	GM/PD/DHPP/Contracts/KKH-01/11/9869-71	Interim Payment Certificate No.26.KKH-01	
62.	16.08.22	GM/PD/DHPP/DD(C)/KKH-01/54/5531-33	Confirmation of Contractors All Risk Insurance Policies Proposal	
63.	17.08.22	GM/PD/Dasu HPP/KKH-01/2022/9942-45	Application by Local Residents of Shall .KKH-01	
64.	22.08.22	GM/PD/Dasu HPP/KKH-01/2022/10,029-31	Letter from Deputy Commissioner Dasu Kohistan for Damaged Bridge on KKH at Uchar Nullah	
65.	22.08.22	GM/PD/Dasu HPP/KKH-01/2022/10,032-34	Application from Local of Shuri Area	
66.	22.08.22	GM/PD/Dasu HPP/KKH-01/2022/10,042-44	Application from Local of Shall Area	
67.	22.08.22	GM/PD/Dasu HPP/KKH-01/2022/10,026-28	Application from Local of Choochang Area	
68.	24.08.22	GM/PD/Dasu HPP/KKH-01/2022/10076-78	Slow Going Progress of Work at KKH-01	
69.	26.08.22	GM/PD/Dasu HPP/6B(CS)/ 5712-16	Letter of Recommendation for Renewal of Temporary Explosives License No.KPK -SP-865-E in Form EL-03 for Contract ICB No.Dasu -KKH-01	
70.	30.08.22	GM/PD/DHPP/Contracts/KKH-01/17/12046-50	Extension of KKH-01 Workmen Compensation (WC) Insurance Policy	
71.	31.08.22	GM/PD/DHPP/Contracts/KKH-01/13E/12095-12100	Engineer's Assessment for 3rd Extension of Time (EOT) KKH-01	
1.5. Dasu-KKH-02				
Dasu Office				
72.	19.08.22	GM/PD/DHPP/LA-S&R/W-160/758-62	Possession Handing - Taking Over Certificate	
73.	26.08.22	GM/PD/Dasu HPP/6B(CS)/ 5707-11	Letter of Recommendation for Renewal of Temporary Explosive License No.KPK-SP-846-E In form EL-03 for Contract ICB No.Dasu - KKH-02	
1.6. Dasu-TL-01				
Dasu Office				
74.	02.08.22	GM/PD/Dasu HPP/TL-18/9531-33	Study on Alternate Location of Terminal Tower After Re-Alignment of Gantry Tower of Switchyard	
75.	03.08.22	GM/PD/DHPP/Contracts/TL-01/Claim/43/9581-85	Reimbursement of Custom Duties and Taxes.TL-01VO-003-Solope Protection Works at Khoshe-1.LBRV-11	
76.	04.08.22	GM/PD/DHPP/Contracts/TL-01/45/9645-49	Recovery Adjustment of Balance Foreign Currency Component of Advance Payment.TL-01	
77.	04.08.22	GM/PD/DHPP/Contracts/TL-01/46/9656-60	Extension of Advance Payment Guarantee.TL-01	
78.	04.08.22	GM/PD/DHPP/Contracts/GEN/46/9640-43	Application of Provincial Sales Tax (PST)-KP	
79.	11.08.22	GM/PD/DHPP/Contracts/TL-01/46/9777-81	Extension of Advance Payment Guarantees	
80.	18.08.22	GM/PD/Dasu HPP/TL-18/ 9951-54	Study on Alternate Location of Terminal Tower After Re- Alignment of Gantry Tower of Switchyard	
81.	24.08.22	GM/PD/Dasu HPP/TL-01/ 46/11019-22	Extension of Advance Payment Guarantees (APGs)	
82.	30.08.22	GM/PD/Dasu HPP/TL-01/ 43E/03A/12051-55	Draft Audit Para No.320 3rd Extension of Time (EOT) for Completion of Works	
1.7. Dasu-MW-01				

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Appendix E [3/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
Dasu-Office				
83.	02.08.22	GM/PD/DHPP/Contracts/MW-01/84/9541-45	Reminder - Request for Clarification on Payment Modalities in Respect of Royalties and Licensing Fee Payment to Mineral Development KPK	
84.	05.08.22	GM/PD/DHPP/Contracts/MW-01/81A/9718-24	Blockage of Causeway by Chinese Contractor Ms CGGC	
85.	16.08.22	GM/PD/CE(S&D)/DHPP/MW-01/9859-62	Removing Debris and Mud on the Uchar Nullah Waterway MW-01	
86.	15.08.22	GM/PD/Dasu HPP/Accts/MW-01/5518-21	Release of Payment of Contract ICB No. Dasu -MW-01, IPC No.029 (IPA 29& 30) (LC)	
87.	19.08.22	GM/PD/Dasu HPP/S&D/MW-01/9978-83	Proposal Additional Downstream Coffor Dam	
88.	24.08.22	GM/PD/Dasu HPP/S&D/MW-01/10070-72	Maintenance of 04 No. Physical Models of Dasu HPP for the Period from 01.07.22 to 30.06.22 at Hrs Nandipur	
89.	24.08.22	GM/PD/DHPP/Contracts/ MW-01/ 85/11023-29	Payment of Rent of Open Land , Shed , Office Building in GBC Colony Hattian for the Period from 01.07.22 to 31.08.22	
90.	25.08.22	GM/PD/DHPP/Contracts/ MW-01/81A/GBC/11044-47	Rely to GBC Colony Hattian Security Measures	
91.	25.08.22	GM/PD/DHPP/Contracts/ GEN/10/Flood/11057-60	Dewatering of Diversion Tunnels	
92.	30.08.22	GM/PD/DHPP/Contracts/Flood/10/12066-69	Flood Damages Report Along with Remedial Measures	
1.8. Dasu-MW-02				
Dasu-Office				
93.	15.08.22	GM/PD/Dasu HPP/Accts/MW-02/5527-30	Release of Payment of Contract ICB No. Dasu -MW-02. IPC No.029 (IPA 29& 30 0 (LC)	
94.	29.08.22	GM/PD/Dasu HPP/DDT/MW-02/63/5738-42	Letter of Recommendation for Renewal of Temporary Explosives License in form EL-03 for Contract ICB No. Dasu MW-02	
1.9. Dasu-LBRV-11				
Dasu-Office				
95.	03.08.22	GM/PD/DHPP/Contracts/LBRV-11/71/9600-9603	VO-003-Solope Protection Works at Khoshe-1.LBRV-11	
96.	03.08.22	GM/PD/DHPP/Contracts/LBRV-11/71/9596-99	VO-002 Slope Protection Works at Uchar Site-1.LBRV-11	
97.	15.08.22	GM/PD/DHPP/Contracts/LBRV-12/GEN/71/9833-37	Reminder-Extension of Advance Payment Bank Guarantee	
98.	16.08.22	GM/PD/DHPP/9882-85	Minutes of Authority Meeting Regarding Omission of Sites Viz Logro-1-2-3 and Uchar-2 LBRV-11	
1.10. Dasu-LBRV-12				
Dasu-Office				
99.	15.08.22	GM/PD/DHPP/Contracts/LBRV-12/GEN/71/983842	Reminder Extension of advance Payment Bank Guarantee	
100.	16.08.22	GM/PD/DHPP/9878-81	Minutes of Authority Meeting Regarding Approval of Variation Order NO.002 Omission of Sites Barseen Dhaar-Kaigah-1 and Kaigah-2 LBRV-12	
1.11. Dasu-RBRV-11				
Dasu-Office				
101.	11.08.22	GM/PD/DHPP/Contracts/RBRV-11/73/9773-76	Extension of Bank Guarantees.RBRV-11	
102.	12.08.22	GM/PD/DHPP/Contracts/RBRV-11/73/9800-9803	Extension of Advance Payment and Performance Securities Bank Guarantees .RBRV-11	
103.	12.08.22	GM/PD/DHPP/Contracts/RBRV-11/73/9796-99	Extension of Advance Payment Security Bank Guarantees .RBRV-11	
1.12. Dasu-PCI-01R				
Dasu office				
104.	02.08.22	GM/PD/Dasu HPP/PCI-01R/ 9577-80	Provision of CCTV Camera	
105.	02.08.22	GM/PD/Dasu HPP/PCI-01R/ 9573-76	Provision of Widows in office Building Rooms	
106.	03.08.22	GM/PD/Dasu HPP/PCI-01R/ 9592-95	Design Supply Installation Testing and Commissioning of Diesel Generators for Project Office and Category-1 and 2 Houses at Project Colony	
107.	16.08.22	GM/PD/DHPP/PCI-01R/9892-93	Boundary Wall Alignment .PCI-01R	
108.	16.08.22	GM/PD/DHPP/Contracts/PCI-01R/32/11030-33	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office and Category 1 and 2 Houses at Project Colony	
109.	29.08.22	GM/PD/DHPP/Contracts/PCI-01R/37/12000-03	Extension of Contractor's all Risk (CAR) Insurance Policy Contractor's Plant & Machinery (CPM) Insurance Policy and Workmen's Compensation(WC)	
1.13. Dasu-EM-01				
Dasu-Office				
110.	01.08.22	GM/PD/Dasu HPP/EM-01/9469-70	DHPP Confirmation of Equipment Color and 765 KV Network Data	
111.	01.08.22	GM/PD/Dasu HPP/TL-18/ 9459-61	Request the Technical Data About 765 KV Transmission Line for Protection Settings	
112.	02.08.22	GM/PD/Dasu HPP/EM-01/ 101/9564-69	Import Process Confirmation Request	
113.	02.08.22	GM/PD/Dasu HPP/EM-01/ /9570-72	Early Response to Contractors Letters	
114.	03.08.22	GM/PD/Dasu HPP/EM-01/ /9629-30	Joint Site Visit for Finalization of Storage Place.EM-01	
115.	11.08.22	GM/PD/Dasu HPP/TL-18/9748-49	Energy Purchase Agreement (EPA) .EM-01	
116.	26.08.22	GM/PD/DHPP/Dir(C)/EM-01/60/5700-5705	Request for Review - Comments on Draft Cargo Insurance Documents	
1.14. Dasu-RV				
Dasu-Office				
117.	15.08.22	GM/PD/Dasu HPP/CW-01/9830-32	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office and Cat-1 and 2 House at Project Colony	
1.15. Dasu-S&R				
Dasu-Office				

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Appendix E [4/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
118.	02.08.22	GM/PD/DHPP/SR&E/E-29/5228	Request for Transfer of Funds Regarding Next Installment for Households of Khushi Ventilation Tunnel	
119.	02.08.22	PD/DHPP/DG/S&R/E-1/5226	Reservation of Local Residents of Seo to an Outsider Contractor	
120.	01.08.22	PD/DHPP/DG/(SS)/2021/E-18/5225	Approval for Follow-up Workshop with Religious Leaders (IMAMS-KHATEEBS) for Creating an Enabling Environment for Women Participation	
121.	02.08.22	PD/DHPP/DG/(SS)/S&R/E-28/5233	Submission of KKH-02 & RAR-02 HR Policy & Code of Conduct	
122.	04.08.22	PD/DHPP/DG/S&R/E-34/5247	Reservation of Local Residents of Seo Regarding the House Damages Located at bypass Komila	
123.	04.08.22	GM/PD/DHPP/S&R/E-66/5246	Application Regarding Self-Managed Relocation (SMR)	
124.	15.08.22	GM/PD/DHPP/S&R/W-160/747-49	Tentative Cost Estimate in Respect of Component VIZ KKH-01 additional Land (PTB-2)	
125.	12.08.22	GM/PD/Dasu HPP/Accts/5474-77	Land Acquisition Payments	
126.	23.08.22	PD/DHPP/DG/(SS)/2022/E-66/5323	Application Regarding Self - Managed Relocation (SMR)	
127.	25.08.22	PD/DHPP/DG/(SS)/S&R/E-28/5334-35	Issuance of Contract Letter to Contract Staff of all Contractors	
128.	26.08.22	DG/(SS)/S&R/E-66/5352-56	Stoppage of Leave of All Connected with ESMR	
129.	26.08.22	DG/(SS)/S&R/E-66/5341-46	Office Order	
130.	25.08.22	GM/PD/DHPP/DG/S&R/E-66/5333	Application Regarding Self - Managed Relocation	
131.	26.08.22	GM/PD/DHPP/S&R/W-760/ 765-79	Assessment Report of Fruit Trees for in Respect of " Kaigah Crush Plant Area	
132.	26.08.22	GM/PD/DHPP/S&R/W-20/ 767 -70	Assessment Report of Fruit Trees for in Respect of " Dumping Site Adjoining Kaigah Quarry -2 Area	
133.	26.08.22	GM/PD/DHPP/S&R/W-20/ 763 -66	Assessment Report of Forest -Non Fruit Trees for in Respect of " Dumping Site Adjoining Kaigah Quarry-2	
134.	26.08.22	DG(SS)/S&R/5357-60/E-70	Attendance of Daily Progress Review Meeting at DC Office	
135.	26.08.22	GM/PD/DHPP/S&R/W-160/ 771 -74	Assessment Report of Fruit Trees for in Respect of " Crush Plant Kaigah Area	
136.	30.08.22	GM/PD/DHPP/LA-S&R/W-160/784-86	Assessment Report of Built Up Property in Respect of " Crush Plant Area Kaigah	
137.	29.08.22	GM/PD/DHPP/S&R/E-66/5370	Application Regarding Compensation of Damage Structure (Shukrat Khan)	
138.	31.08.22	GM/PD/DHPP/LA-S&R/W-149/801-803	Revenue Record In Respect of " ROR Dogah End Point to Gayal Nala) Area -1	
139.	31.08.22	GM/PD/DHPP/LA-S&R/W-136/798-800	Revision of Gis Report In Respect of Component " Gul-e- Bagh Reservoir Area	
140.	31.08.22	PD/DHPP/DG/(SS)/2022/E-66/5381	Application Regarding Self -Managed Relocation (SMR) (Ms Salima) (
141.	31.08.22	GM/PD/DHPP/LA-S&R/W-35/795-97	Application (Mr.Namat Ullah)	
1.16. Dasu-LADP				
Dasu Office				
142.	03.08.22	GM/PD/DHPP/S&R/E-34/ 52 40-43	Taking Over of Dismantled Items Doors Windows Ventilators Electric Fans Electric Wire and GI	
143.	12.08.22	GM/PD/DHPP/S&R/E-34/5267	Inspection Report of M&S Visit to DHPP	
144.	15.08.22	GM/PD/DHPP/S&R/E-34/5280-84	Annulment of Quotation Bid Process	
145.	15.08.22	GM/PD/DHPP/S&R/E-34/ 5285-89	Annulment of Quotations Bids Process	
146.	15.08.22	GM/PD/DHPP/S&R/E-34/5294-97	Office Order	
147.	15.08.22	GM/PD/DHPP/S&R/E-34/5290-93	Office Order	
148.	12.08.22	GM/PD/DHPP/S&R/E-34/5273-75	LADP-RHC-Rate Analysis of Block Wiring	
149.	12.08.22	GM/PD/DHPP/S&R/E-34/5269-72	Implementation of Dong Nala Road Under PKG-01 Road Schemes	
150.	17.08.22	GM/PD/DHPP/DG/(SS)/E-34/5299-5300	LADP-RHC-Dismantling and Disposal of Cement Concrete Block Masonry Wall	
151.	22.08.22	GM/PD/DHPP/S&R/E-34/ 5310	Cost Estimate for -04 Water Supply Schemes	
152.	23.08.22	GM/PD/DHPP/S&R/E-34/ 5321-22	Improvement of Sanitation and Sewerage System at komila and Dasu	
153.	22.08.22	GM/PD/DHPP/S&R/E-34/5316-19	Office Order	
154.	22.08.22	GM/PD/DHPP/S&R/E-34/5309	Office Order	
155.	22.08.22	GM/PD/DHPP/S&R/E-18/5308	Procurement of Two (02) No. Vehicles (to be Converted into Ambulance) In Upper Kohistan	
156.	22.08.22	GM/PD/DHPP/S&R/E-34/ 5311-15	Supply and Installation of Computer System & Furniture for Computer Labs at Seven (07) Schools In Upper Kohistan	
157.	25.08.22	GM/PD/DHPP/S&R/E-34/ 5331	Submission of Each Two Copies of Monthly Progress Reports (LADP) & Quarterly Progress Reports (S & R)	
158.	25.08.22	GM/PD/DHPP/S&R/E-34/ 5332	Right of Way (Row) of KKH Required for Implementation of Sanitation and Sewerage System at Komila and Dasu	
2. From Contractors				
2.1. Dasu-RAR-01				
Dasu Office				
159.	01.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-042	OHS KPI, July 2022 (042)	
160.	01.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-043	List of Expatriate & National Staff Workers	
161.	02.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-059	Submission of Interim Payment Application-IPA#32.RAR-01	
162.	04.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-027	Submission of Weekly Progress Reports	
163.	10.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-060	Non-Availability of Concrete for Works due to Inundation of Concrete Batching Plant	

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Appendix E [5/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
164.	12.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-044	Incident Investigation Report K1+025 RAR-01 (Komila Bypass)	
165.	13.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-028	Submission of Weekly Progress Reports (04-08-2022 to 10-08-2022)	
166.	16.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-045	Monthly OHS Monitoring Report April 2022 to July 2022	
167.	15.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-061	Unresolved Locals Houses and Water Supply Lines Issues at Different Locations at Komila Bypass	
168.	21.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-046	Incident Investigation Report of Fatal Incident Dated 21st August 2022	
169.	21.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-029	Submission of Weekly Progress Report	
170.	24.08.22	CCECC/PAK/DASUFIELD/RAR-01/HSE-22-047	Memorandums Issued on August 23,2022	
171.	15.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-062	Stoppage of Excavation Activities by Locals at Komila Bypass	
172.	28.08.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-030	Submission of Weekly Progress Reports	
2.2. Dasu-RAR-02				
Dasu-Office				
173.	03.08.22	CGGC/RAR-02/TD/WAPDA-6	Suspended of RAR-02 Site Work Due to Uchar Mudslide	
174.	02.08.22	CGGC/RAR-02/ED/DHC-354	Weekly Progress Report of RAR-02 (2022.07.25-2022.07.31)	
175.	07.08.22	CGGC/RAR-02/HRD/DHC-355	Submission of Staff Information List	
176.	07.08.22	CGGC/RAR-02/HSED/DHC-356	Electronic Equipment Failure Recovery	
177.	08.08.22	CGGC/RAR-02/ED/DHC-357	Blasting Plan in Next Week of RAR-02	
178.	07.08.22	CGGC/RAR-02/ED/DHC-358	Report on the Delay in Land Handover	
179.	09.08.22	CGGC/RAR-02/ED/DHC-359	Weekly Progress Report of RAR-02 (2022.08.01-2022.08.07)	
180.	10.08.22	CGGC/RAR-02/CD/DHC-360	Claim for the Mudslide on 1st Aug 2022	
181.	10.08.22	CGGC/RAR-02/CD/WAPDA-07	Claim for the Mudslide on 1st Aug 2022	
182.	13.08.22	CGGC/RAR-02/ED/DHC-361	Report on the Site Work Influenced by Uchar Mudslide Again	
183.	15.08.22	CGGC/RAR-02/ED/DHC-362	Blasting Plan in Next Week of RAR-02 (2022.08.2022.08.21)	
184.	17.08.22	CGGC/RAR-02/CD/WAPDA-08	Claim for the Mudslide on 12th Aug 2022	
185.	16.08.22	CGGC/RAR-02/ED/DHC-363	Weekly Progress Report of RAR-02	
186.	17.08.22	CGGC/RAR-02/ED/DHC-364	Claim for the Mudslide on 12th Aug 2022	
187.	19.08.22	CGGC/RAR-02/CD/WAPDA-09	Claim for the Mudslide on 17th Aug 2022	
188.	19.08.22	CGGC/RAR-02/CD/DHC-365	Claim for the Mudslide on 17th Aug 2022	
189.	16.08.22	CGGC/RAR-02/ED/DHC-366	Monthly Progress Report RAR-02	
190.	23.08.22	CGGC/RAR-02/HRD/DHC-367	Apply for Approval of OHSO for RAR-02	
191.	22.08.22	CGGC/RAR-02/ED/DHC-368	Blasting Plan In Next Week of RAR-02 (2022.08.22-2022.08.28)	
192.	24.08.22	CGGC/RAR-02/ED/DHC-369	Weekly Progress Report of RAR-02	
193.	24.08.22	CGGC/RAR-02/HSED/DHC-370	Submission of the Monthly Environment Report In July 2022 for RAR-02	
194.	27.08.22	CGGC/RAR-02/CD/DHC-371	Notice of Claim - Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
195.	19.08.22	CGGC/RAR-02/CD/WAPDA-09	Claim for the Mudslide on 17th Aug	
196.	27.08.22	CGGC/RAR-02/CD/WAPDA-10	Notice of Claim -Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
197.	29.08.22	CGGC/RAR-02/ED/DHC-372	Regarding Damage of the Local Road In Kandia	
198.	29.08.22	CGGC/RAR-02/ED/DHC-373	Blasting Plan in Next Week of RAR-02 (2022.08.29-2022.09.04)	
199.	29.08.22	CGGC/RAR-02/ED/DHC-374	Blasting Plan in Next Week of RAR-02 (2022.08.29-2022.09.04)	
200.	31.08.22	CGGC/RAR-02/ED/DHC-375	Weekly Progress Report of RAR-02	
2.3. Dasu-KKH-01				
Dasu Office				
201.	01.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-083	OHS KPI July 2022	
202.	01.08.22	CCECC/PAK/DASU-HPP/ KKH-01/22-080	Inundation of Contractors Uchar Camp Due to Occurrence of Flood in Uchar Nullah-Notice of Force Majeure.KKH-0	
203.	04.08.22	CCECC/PAK/DASU-HPP/ KKH-01/22-081	Confirmation Letter for Slope Protection Method at Logro-A Tunnel Inlet Area.KKH-01	
204.	03.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-084	Initial Flood Incident Report in Uchar Nullah on 1st August 2022	
205.	05.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-085	Enhancement of Security Personnel for Chinese Camp at K9 Khushi	
206.	06.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-086	Lists of Expatriate and National Staff Employees Workers	
207.	09.08.22	CCECC/PAK/DASU-HPP/ KKH-01-22-082	Submission of Draft of Professional Indemnity Insurance	
208.	08.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-087	Fortnightly Explosive Record, 16-31 July 2022	
209.	09.08.22	CCECC/PAK/DASU-HPP/ KKH-01-22-083	Submission and Request for Confirmation of Contractors All Risk Insurance Policies Proposal	
210.	10.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-089	Recommendations Letter for Renewal of Explosive License (from EL-03)	
211.	10.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-090	Monthly EHS Monitoring Report 79,July 2022	
212.	10.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-091	Monthly OHS Monitoring Report 79,July 2022	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
213.	11.08.22	CCECC/PAK/DASU-HPP/ KKH-01-22-084	Engineers Permission to Use the Concrete Batching Plant	
214.	11.08.22	CCECC/PAK/DASU-HPP/ KKH-01-22-085	Request for Engineers Permission to use Batching Plant Situated At K3 Tunnel	
215.	13.08.22	CCECC/PAK/DASU-HPP/ KKH-01&RAR-01/22-007	Inundation of Contractors Uchar Camp Due to Occurrence of Debris Flow in Uchar Nullah	
216.	15.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-086	Stoppage of Construction Activities by Local Peoples at K3 Tunnel (Zero Point)	
217.	17.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-087	Submission of 5th Extension of KKH-01 Workmen Compensation Insurance	
218.	17.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-088	Submission of Electromechanical Design for Tunnels and Bridges	
219.	16.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-089	Relocation of Temporary Site Facilities Situated at Logro (A) Tunnel Portal Area	
220.	16.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-090	Submission of Breakdown of U-Rate - Rock Reconstruction	
221.	17.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-092	Fortnightly Explosive Record , 1-15 August 2022	
222.	19.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-091	Notice of Flood In Uchar Nullah	
223.	19.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-092	Request for Engineer and Employer's Proceeding with Land Acquisition of Proposed New Area for Contractor's Camp	
224.	20.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-093	Revising Duty Timing for Tunnels Works for KKH-01	
225.	20.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-093	Monthly Revised EHS Monitoring Report # 79, July 2022	
226.	20.08.22	CCECC/PAK/DASU-HPP/ KKH-01/HSE-22-094	Flood Incident Report in Uchar Nullah on 16th August 2022	
227.	23.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-094	Resubmission of Revised Method Statement for Construction of Logro-A (K9) Tunnel)	
228.	25.08.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/22-008	Postponement of Concrete Works Until the Reinstatement of Concrete Plant	
229.	24.08.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-095	Memorandum Over Tragic Accident at Seo Road	
230.	28.08.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/22-009	Closure of Karakoram Highway N35 due to Flash Floods- Notice of Force Majeure	
231.	30.08.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/22-010	Closure of Karakoram Highway due to Damages Caused by Flash Floods Notice of Contractor's Intent to Claim EOT and Additional Cost	
232.	30.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-095	Submission of Contractor's all Risk Insurance for KKH-01	
233.	31.08.22	CCECC/PAK/DASUFIELD/KKH-01/22-096	Request for Return of Initial Advance Payment Guarantee and its Extension Endorsements to HBL After Receiving of New Guarantee	
2.4. Dasu-KKH-02				
Dasu Office				
234.	01.08.22	CGGC.KKH-02/ED/DHC-205	Weekly Progress Report	
235.	01.08.22	CGGC.KKH-02/ED/DHC-206	Blasting Plan in Next Week of KKH-02	
236.	01.08.22	CGGC.KKH-02/ED/DHC-207	Reply to the Construction Activity Near Kandia of KKH-02	
237.	01.08.22	CGGC.KKH-02/ED/DHC-208	Resettlement of Residents at K28 Urgently	
238.	04.08.22	CGGC.KKH-02/CD/DHC-209	Notice of Claim Occupation of the Contractors Pakistan Staff Dormitories by Army Personnel.KKH-02	
239.	05.08.22	CGGC.KKH-02/HRD/DHC-210	Delegation of Power as Executive Manager for KKH-02	
240.	07.08.22	CGGC.KKH-02/HRD/DHC-211	Submission of Staff Information List	
241.	07.08.22	CGGC.KKH-02/HSED/DHC-212	Electronic Equipment Failure Recovery	
242.	08.08.22	CGGC.KKH-02/ED/DHC-213	Report on the Delay in Land Handover	
243.	08.08.22	CGGC.KKH-02/ED/DHC-214	Weekly Progress Report (2022.08.01-2022.08.07)	
244.	08.08.22	CGGC.KKH-02/ED/DHC-215	Blasting Plan in Next Week of KKH-02	
245.	08.08.22	CGGC.KKH-02/HRD/DHC-216	Submission of Curriculum Vitae of Occupational Health and Safety Specialist for KKH-02	
246.	08.08.22	CGGC.KKH-02/HRD/DHC-217	Submission of Curriculum Vitae of Environmental Specialist for KKH-02	
247.	10.08.22	CGGC/Dasu/HPP-137	Request for Issuance of NOC for The Construction of Explosive Magazine in Looter Area	
248.	15.08.22	CGGC.KKH-02/ED/DHC-218	Blasting Plan in Next Week of KKH-02 (2022.08.2022.08.21)	
249.	15.08.22	CGGC.KKH-02/ED/DHC-219	Weekly Progress Report (2022.08.08-2022.08.14)	
250.	15.08.22	CGGC.KKH-02/ED/DHC-220	Resettlement of Residents at K28 Urgently	
251.	17.08.22	CGGC.KKH-02/ED/DHC-221	Monthly Progress Report (KKH-02)	
252.	18.08.22	CGGC.KKH-02/CD/DHC-222	Notice of Claim - Claim for Mudslide	
253.	18.08.22	CGGC/KKH-02/CD/WAPDA-3	The Risk of Suspension of KKH-02 Work Due to Uchar Mudslide	
254.	22.08.22	CGGC.KKH-02/ED/DHC-223	Weekly Progress Report	
255.	22.08.22	CGGC.KKH-02/ED/DHC-224	Blasting Plan in Next Week of KKH-02	
256.	22.08.22	CGGC.KKH-02/TD/DHC-225	Reply to the Comments on Contract Programme of KKH-02 Contract	
257.	22.08.22	CGGC.KKH-02/CD/DHC-226	Notice of Claim - Delayed Caused by Authorities	
258.	24.08.22	CGGC.KKH-02/CD/DHC-227	Claim for Additional Costs Resulting from Delay in Instruction to Commence the Works due to Delay in Hand Over the Lands	
259.	29.08.22	CGGC.KKH-02/CD/DHC-228	Weekly Progress Report (2022.08.22-2022.08.28)	
260.	29.08.22	CGGC.KKH-02/ED/DHC-229	Blasting Plan in Next Week of KKH-02 (2022.08.29 - 2022.09.04)	
261.	29.08.22	CGGC.KKH-02/ED/DHC-230	Notice of Claim - Natural Catastrophes (Exceptionally Adverse Climatic Condition)	

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Sr. No	Receiving Date	Letter No.	Subject	Remarks
262.	29.08.22	CGGC/KKH-02/CD/WAPDA-4	Notice of Claim - Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
2.5. Dasu-TL-01				
Dasu Office				
263.	02.08.22	PC/Dasusite/TL-01/2022-141	Submission of Weekly Progress Report	
264.	04.08.22	PC/Dasusite/TL-01/2022-142	Data List of In-Migrants Pak Workforce & Daily Wagers Data for the Month of July 2022.TL-01	
265.	04.08.22	PC/Dasusite/TL-01/2022-143	Submission of List of Vehicles for the Month of July 2022.TL-01	
266.	05.08.22	PC/Dasusite/TL-01/2022-144	Request for Security Protection During Travelling	
267.	05.08.22	PC/Dasusite/TL-01/2022-145	Submission of Monthly Progress Report for July 2022	
268.	05.08.22	PC/Dasusite/TL-01/2022-146	Submission of 69th HSE Report for the Month of July 2022	
269.	06.08.22	PC/Dasusite/TL-01/2022-147	Request for Security Protection during Travelling	
270.	09.08.22	PC/Dasusite/TL-01/2022-148	Request for Security Protection during Travelling	
271.	09.08.22	PC/Dasusite/TL-01/2022-149	Request for Security Protection during Travelling	
272.	09.08.22	PC/Dasusite/TL-01/2022-150	Submission of Weekly Progress Report	
273.	10.08.22	PC/Dasusite/TL-01/2022-151	Request for Security Protection during Travelling	
274.	11.08.22	PC/Dasusite/TL-01/2022-152	Police Clearance Certificates of Pakistani Staff	
275.	12.08.22	PC/Dasusite/TL-01/2022-153	Submission of Verification Status of Permanent Employees and Daily Wages Labors	
276.	12.08.22	PC/Dasusite/TL-01/2022-154	Stoppage of Tower Erection Work By Land Owner at T200A & T201A	
277.	13.08.22	PC/Dasusite/TL-01/2022-155	Submission of Revised Conduit Layout Plan Drawing of Control House Building of Grid Station	
278.	16.08.22	PC/Dasusite/TL-01/2022-156	Submission of Weekly Progress Report	
279.	17.08.22	PC/Dasusite/TL-01/2022-157	Submission of Approved Revised Conduit Layout Plan Drawing of Control House Building of Grid Station	
280.	18.08.22	PC/Dasusite/TL-01/2022-158	Extension of Advance Payment Guarantee	
281.	18.08.22	PC/Dasusite/TL-01/2022-159	Submission of Oversized Vehicle Management Plan	
282.	19.08.22	PC/Dasusite/TL-01/2022-161	Mechanism for Swift Recovery of Advance Payment (Foreign Component	
283.	21.08.22	PC/Dasusite/TL-01/2022-162	Submission of Claim - Price Adjustment - Escalation for Market Inflation for the Extended Period	
284.	23.08.22	PC/Dasusite/TL-01/2022-163	Submission of Weekly Progress Report	
285.	23.08.22	PC/Dasusite/TL-01/2022-164	Request for Security Protection During Travelling	
286.	29.08.22	PC/Dasusite/TL-01/2022-165	Notice -Force Majeure due to Blockage of Road In Recent Rain	
287.	29.08.22	PC/Dasusite/TL-01/2022-166	Submission of Quantity List of Control & Power Cables for Approval	
288.	30.08.22	PC/Dasusite/TL-01/2022-167	Submission of Weekly Progress Report	
2.6. Dasu-MW-01				
Dasu-Office				
289.	01.08.22	CGGC/MW-01/TD/DHC/2382	Submission of Calculations and Drawings of Scaffolding for Diversion Tunnel Inlet Transition	
290.	02.08.22	CGGC/MW-01/ED/DHC-2385	Weekly Progress Report of MW-01	
291.	03.08.22	CGGC/MW-01/FD/DHC/2383	Request for the Payment of 29# Interim Payment Certificate of MW-01	
292.	03.08.22	CGGC/MW-01/ED/DHC/2384	Submission of the List for Lost Damaged Caused by Mudslide.MW-01	
293.	03.08.22	CGGC/MW-01/TDWAPDA-63	Suspended of MW-01 Site Work Due to Uchar Mudslides.MW-01	
294.	04.08.22	CGGC/MW-01/ED/DHC/2386	The Reply of the Engineers Letter Provision of Vehicles.MW-01	
295.	03.08.22	CGGC/MW-01/ED/DHC/2387	Report on Insufficient of Labor Accommodation	
296.	04.08.22	CGGC/MW-01/CD/DHC/2388	Disagree to Apply Discount to Variations in IPC29	
297.	06.08.22	CGGC/MW-01/TD/DHC/2389	Optimize Shotcrete Mix Design of MW-01	
298.	05.08.22	CGGC/MW-01/TD/DHC/2390	Submission of Joint Survey Data for DT-B Inlet Crown Portion Part 2 and Part 3	
299.	07.08.22	CGGC/MW-01/HRD/DHC/ 2391	Submission of Staff Information List	
300.	07.08.22	CGGC/MW-01/HSED/DHC/ 2393	GBC Colony Hattian Security Measures Reply	
301.	08.08.22	CGGC/MW-01/HSED/DHC/ 2394	Occupational Health and Safety Report for July 2022	
302.	07.08.22	CGGC/MW-01/HSED/DHC/ 2395	Electronic Equipment Failure Recovery	
303.	08.08.22	CGGC/MW-01/TD/DHC/ 2392	Proposal for Activating the Spoil Bank Downstream of the Barseen Camp	
304.	07.08.22	CGGC/MW-01/ED/DHC/ 2396	Re-submission of the List for Lost Damaged Caused by Mudslide	
305.	08.08.22	CGGC/MW-01/ED/DHC/ 2397	Blasting Plan in Next Week of MW-01	
306.	09.08.22	CGGC/MW-01/CD/DHC/ 2398	Royalties and Licensing Fee Payment to Mines and Mineral Development Department, KPK	
307.	10.08.22	CGGC/MW-01/ED/DHC/ 2399	Report on the Work Hindrance in Chinese Camp of Kass Area	
308.	09.08.22	CGGC/MW-01/ED/DHC/ 2400	Weekly Progress Report of MW-01 (2022.08.01-2022.08.07)	
309.	07.08.22	CGGC/MW-01/ED/DHC/ 2401	Report on the Delay in Land Handover	
310.	09.08.22	CGGC/MW-01/TD/DHC/ 2402	Submission of the Convergence Measurements Data of MW-01 in July 2022	
311.	09.08.22	CGGC/MW-01/TD/DHC/ 2403	The Construction Road on the Right Bank in the US	
312.	10.08.22	CGGC/MW-01/TD/DHC/ 2404	Claim for the Mudslide on 1st Aug 2022	
313.	10.08.22	CGGC/MW-01/TD/WAPDA/ 064	Claim for the Mudslide on 1st Aug 2022.MW-01	
314.	12.08.22	CGGC/MW-01/FD/WAPDA/ 065	Submission of the New Commercial Invoice of IPC 29	
315.	12.08.22	CGGC/MW-01/FD/WAPDA/ 066	Submission of the Permission of USD Account	
316.	10.08.22	CGGC/MW-01/HSED/DHC/ 2405	Incident Investigation Report	
317.	12.08.22	CGGC/MW-01/CD/DHC/ 2406	Provision of Vehicles	

**Dasu Hydropower Project
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Appendix E [8/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
318.	11.08.22	CGGC/MW-01/TD/DHC/ 2407	Reply to the Engineers Comments on Work Stoppage Notice	
319.	11.08.22	CGGC/MW-01/TD/DHC/ 2408	Reply to Raw Material Stock Management Source of RCC Aggregate for Dam	
320.	11.08.22	CGGC/MW-01/ED/DHC/ 2409	Report on Forced Suspension of Construction of Kass Main Camp	
321.	13.08.22	CGGC/MW-01/ED/DHC/ 2410	Report on the Site Work Influenced by Uchar Mudslide Again	
322.	15.08.22	CGGC/MW-01/CD/DHC/ 2411	Liaise With the Engineer Regarding Claims	
323.	13.08.22	CGGC/MW-01/TD/DHC/ 2412	Submission of Method Statement of the Cavity Grouting of Diversion Tunnel Arch	
324.	14.08.22	CGGC/MW-01/ED/DHC/ 2413	Temporary Water Supply Measure in Batching Plant	
325.	14.08.22	CGGC/MW-01/TD/DHC/ 2414	The Risk Reminder Letter on Uchar Mudslides	
326.	14.08.22	CGGC/MW-01/HSED/DHC/ 2415	Incident Investigation Report	
327.	15.08.22	CGGC/MW-01/HSED/DHC/ 2416	Incident Initial Report	
328.	15.08.22	CGGC/MW-01/HSED/DHC/ 2417	Blasting Plan In Next Week of MW-01(2022.08.12-2022.08.21)	
329.	15.08.22	CGGC/MW-01/HSED/DHC/ 2418	The Provision of Recommendation Letter for Explosive License Renewal	
330.	17.08.22	CGGC/MW-01/TD/WAPDA/ 067	Claim for the Mudslide on 12th Aug 2022	
331.	16.08.22	CGGC/MW-01/TD/DHC/ 2420	Submission of Guide Line of Start Dam Filling Compaction Tests (D2)	
332.	16.08.22	CGGC/MW-01/ED/DHC/ 2421	Weekly Progress Report of MW-01	
333.	17.08.22	CGGC/MW-01/CD/DHC/ 2422	Claim for the Mudslide on 12th Aug 2022	
334.	17.08.22	CGGC/MW-01/TD/DHC/ 2419	Submission of the Proposal for Design Adjustment for Arch Portions of Diversion Tunnel A Part -2 & 3	
335.	18.08.22	CGGC/MW-01/TD/DHC/ 2423	Submission of Interim Claim.MW-01	
336.	18.08.22	CGGC/MW-01/TD/DHC/ 2425	Claim for the Transfer Site Equipment Materials and Facilities	
337.	17.08.22	CGGC/MW-01/TD/DHC/ 2424	Letter on River Water Overflowed Cofferdam Affected by Uchar Mudslide in Flood Season of Indus River	
338.	19.08.22	CGGC/MW-01/TD/WAPDA/ 068	Claim for the Mudslide on 17th Aug 2022	
339.	19.08.22	CGGC/MW-01/CD/DHC/ 2426	Claim for the Mudslide on 17th Aug 2022	
340.	19.08.22	CGGC/MW-01/ED/DHC/ 2427	Monthly Progress Report MW-01	
341.	20.08.22	CGGC/MW-01/TD/DHC/ 2428	Reply to Slope Adjustment of Intake Structure above EL.1014m	
342.	24.08.22	CGGC/MW-01/CD/DHC/ 2429	Submission of the Statement Application for IPC -31 II of MW-01	
343.	21.08.22	CGGC/MW-01/TD/DHC/ 2430	Submission of the Construction Design of Diversion Gate Foundation and Guide Frame D5	
344.	22.08.22	CGGC/MW-01/TD/DHC/ 2431	Submission of Detail Analysis for Lack of Aggregates MW-01	
345.	21.08.22	CGGC/MW-01/TD/DHC/ 2432	Submission of Method Statement of Adit Tunnel Plugging Consolidation Grouting and Cavity Grouting (D2)	
346.	22.08.22	CGGC/MW-01/TD/DHC-2433	Submission of Loads Lists of HAVC and Gate Hoists, MW-01	
347.	22.08.22	CGGC/MW-01/ED/DHC/ 2434	Blasting Plan in Next Week of MW-01 (2022.08.22-2022.08.28	
348.	24.08.22	CGGC/MW-01/TD/DHC/ 2435	Reply to RCC Thermal Properties Test Methods	
349.	23.08.22	CGGC/MW-01/TD/DHC/ 2436	Letter Concerning the Comments on the Engineer's Approval Comment (EAC) Drawings	
350.	21.08.22	CGGC/MW-01/TD/DHC-2437	Reply to the Report on Forced Suspension of Construction of KASS Main Camp (MW-01)	
351.	24.08.22	CGGC/MW-01/ED/DHC-2438	Weekly Progress Report of MW-01 (2022.08.15-2022.08.21)	
352.	25.08.22	CGGC/MW-01/HSED/DHC-2439	Incident Investigation Report	
353.	25.08.22	CGGC/MW-01/HSED/DHC-2440	Incident Investigation Report	
354.	24.08.22	CGGC/MW-01/HSED/DHC-2441	Submission of the Monthly Environment Report in July 2022 for MW-01	
355.	24.08.22	CGGC/MW-01/CD/DHC-2442	Development of Quarry Site for Embankment Material	
356.	25.08.22	CGGC/MW-01/TD/DHC-2443	Submission of Drawings and Quantity Sheet of Uchar Camp after Backfilling	
357.	27.08.22	CGGC/MW-01/CD/WAPDA-69	Notice of Claim -Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
358.	27.08.22	CGGC/MW-01/CD/DHC-2445	Notice of Claim - Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
359.	28.08.22	CGGC/MW-01/TD/DHC-2446	Heavy Rainfall of the Continuous Several Days in the Aug 2022	
360.	29.08.22	CGGC/MW-01/ED/DHC-2447	Blasting Plan in Next Week of MW-01 (2022.08.29-2022.09.04)	
361.	30.08.22	CGGC/MW-01/ED/DHC-2448	Claim for Additional Cost and Extension of Time due to Delay in Land Handing Over	
362.	17.08.22	CGGC/MW-01/TD/WAPDA-70	Timing of Commencement of Arbitration	
363.	31.08.22	CGGC/MW-01/ED/DHC-2449	Weekly Progress Report of MW-01	
364.	31.08.22	CGGC/MW-01/FD/DHC-2450	Request of the Payment of Interim Payment Certificate No.30#	
2.7. Dasu-MW-02				
Dasu-Office				
365.	02.08.22	CGGC/MW-02/HRD/DHC-1704	Requirement of Independent Incident Facilitator	
366.	01.08.22	CGGC/MW-02/HSED/DHC-1705	CT-02 Jumbo Machine 1Z-18 Inspection	
367.	03.08.22	CGGC/MW-02/FD/DHC-1707	Request for the Payment of 29# Interim Payment Certificate of MW-02	
368.	02.08.22	CGGC/MW-02/ED/DHC-1708	Weekly Progress Report of MW-02	
369.	03.08.22	CGGC/MW-02/TD/DHC-1709	Submission of the Construction Method Statement of Post-Tensioned Tendon (D1).MW-02	
370.	03.08.22	CGGC/MW-02/TD/WAPDA-33	Suspended of MW-02 Site Work Due to uchar Mudslides.	
371.	04.08.22	CGGC/MW-02/PD/DHC-1710	The Reply of the Engineers Letter Provision of Vehicles	
372.	03.08.22	CGGC/MW-02/ED/DHC-1711	Report on Insufficient of Labor Accommodation	
373.	06.08.22	CGGC/MW-02/TD/DHC-1712	Optimize Shotcrete Mix Design of MW-02	

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Appendix E [9/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
374.	06.08.22	CGGC/MW-02/TD/DHC-1713	Again Request to Issue the Pending Drawings of the Transition Section Between Surge Chamber and Tailrace Tunnel	
375.	07.08.22	CGGC/MW-02/HRD/DHC-1714	Submission of Staff Information List	
376.	08.08.22	CGGC/MW-02/HSED/DHC-1716	Occupational Health and Safety Report for July 2022	
377.	07.08.22	CGGC/MW-02/HSED/DHC-1717	Electronic Equipment Failure Recovery	
378.	07.08.22	CGGC/MW-02/TD/DHC-1715	Submission of the Excavation and Support Method Statement of Power House Exhaust Shaft (D1)	
379.	08.08.22	CGGC/MW-02/TD/DHC-1718	Blasting Plan in Next Week of MW-02	
380.	10.08.22	CGGC/MW-02/TD/DHC-1719	Reply to the Usage of Chemical Drum for Water Storage	
381.	09.08.22	CGGC/MW-02/ED/DHC-1720	Weekly Progress Report of MW-02 (2022.08.01-2022.08.07)	
382.	07.08.22	CGGC/MW-02/ED/DHC-1721	Report on the Delay in Land Handover	
383.	08.08.22	CGGC/MW-02/TD/DHC-1722	Request for Providing the Water Level Discharge Curve and Geological Exploration Data at Tailrace Outlet Area	
384.	09.08.22	CGGC/MW-02/TD/DHC-1723	Submission of the Convergence Measurements Data of MW-02 in July 2022	
385.	09.08.22	CGGC/MW-02/TD/DHC-1724	CT2 Tunnel Geological Mapping from Sta.0+000 to Sta.0+050m	
386.	11.08.22	CGGC/MW-02/TD/WAPDA-34	Claim for the Mudslide on 1st Aug 2022	
387.	11.08.22	CGGC/MW-02/TD/DHC-1725	Claim for the Mudslide on 1st Aug 2022	
388.	12.08.22	CGGC/MW-02/TD/DHC-1726	Submission of Summary Report of Tensioned Rock Bolt Material Replacement Trials in Power House	
389.	10.08.22	CGGC/MW-02/HSED/DHC-1727	Incident Investigation Report	
390.	13.08.22	CGGC/MW-02/ED/DHC-1728	Report on the Site Work Influenced by Uchar Mudslide Again	
391.	15.08.22	CGGC/MW-02/CD/DHC-1729	Liaise With The Engineer Regarding Claims	
392.	14.08.22	CGGC/MW-02/TD/DHC-1730	Submission of The Construction Method Statement of Tensioned Rock Bolts (D3)	
393.	14.08.22	CGGC/MW-02/ED/DHC-1731	Temporary Water Supply Measure in Batching Plant	
394.	15.08.22	CGGC/MW-02/ED/DHC-1733	Blasting Plan of MW-02	
395.	16.08.22	CGGC/MW-02/TD/DHC-1734	Submission of the Calculation of the Penstock Adit Plugging (D2)	
396.	16.08.22	CGGC/MW-02/TD/DHC-1735	Reply to the Construction of Power House Temporary Bridge Crane	
397.	17.08.22	CGGC/MW-02/TD/WAPDA-35	Claim for the Mudslide on 12th Aug 2022	
398.	16.08.22	CGGC/MW-02/ED/DHC-1736	Weekly Progress Report of MW-02	
399.	17.08.22	CGGC/MW-02/ED/DHC-1737	Claim for the Mudslide on 12th Aug 2022	
400.	14.08.22	CGGC/MW-02/HSED/DHC-1732	Response to Negligence and Failure to Adhere OHS Measures During Operation of Machinery and Equipment	
401.	18.08.22	CGGC/MW-02/TD/DHC-1738	Submission of the Proposal of Using Hydraulic Torque Wrenches for Tensioned Rock Bolts Construction	
402.	18.08.22	CGGC/MW-02/CD/DHC-1739	Submission of Interim Claim	
403.	19.08.22	CGGC/MW-02/TD/DHC-1741	Reply to the Production Trials of Post Tensioned Tendon	
404.	19.08.22	CGGC/MW-02/TD/WAPDA-36	Claim for the Mudslide on 17th Aug 2022	
405.	19.08.22	CGGC/MW-02/CD/DHC-1740	Claim for the Mudslide on 17th Aug 2022	
406.	19.08.22	CGGC/MW-02/ED/DHC-1740	Monthly Progress Report MW-02	
407.	19.08.22	CGGC/MW-02/HSED/DHC-1743	Reply to the Termination of the Contractor's Supervisors	
408.	19.08.22	CGGC/MW-02/HSED/DHC-1744	Reply to the Termination of the Contractor's OHSO	
409.	19.08.22	CGGC/MW-02/HSED/DHC-1745	Reply of Final Warning Project Manager Non- Compliance to OHS Contractual Obligation	
410.	19.08.22	CGGC/MW-02/HSED/DHC-1746	Reply to the Termination of the Contractor's Representative	
411.	22.08.22	CGGC/MW-02/CD/DHC-1747	Submission of the Statement Application for IPC 31-II of MW-02	
412.	22.08.22	CGGC/MW-02/TD/DHC-1748	The Issue of Addition of Tensioned Rock Bolts to the Power House and Transformer Cavern	
413.	22.08.22	CGGC/MW-02/HSED/DHC-1749	Reply to Implement ICAM Corrective Actions Reference to Detailed Incident Report	
414.	22.08.22	CGGC/MW-02/HRD/DHC-1750	Reply to Hire a Competent Lead Mechanic	
415.	22.08.22	CGGC/MW-02/EMD/DHC-1751	Reply to Conduct Mandatory Electrical Safety Awareness Training for All Contractor's Employees	
416.	22.08.22	CGGC/MW-02/HSED/DHC-1752	Reply to Implement PTW- Permit to Work System for all High Risk Activities	
417.	22.08.22	CGGC/MW-02/TD/DHC-1753	Submission of Loads Lists of HAVC and Gate Hoists MW-02	
418.	24.08.22	CGGC/MW-02/ED/DHC-1754	Weekly Progress Report of MW-02	
419.	25.08.22	CGGC/MW-02/HSED/DHC-1755	Reply to Hire Qualified OHSO and APO on an Immediate Basis	
420.	25.08.22	CGGC/MW-02/HSED/DHC-1756	Incident Investigation Report	
421.	24.08.22	CGGC/MW-02/HSED/DHC-1757	Submission of the Monthly Environment Report In July 2022 for MW-02	
422.	25.08.22	CGGC/MW-02/HSED/DHC-1758	Reply to the Implementation of Emergency Responses	
423.	27.08.22	CGGC/MW-02/CD/WAPDA-37	Notice Claim -Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
424.	27.08.22	CGGC/MW-02/CD/DHC-1759	Notice Claim -Natural Catastrophes (Exceptionally Adverse Climatic Condition)	
425.	29.08.22	CGGC/MW-02/HSED/DHC-1760	Reply to Develop and Implement a Checklist for Inspection of all Electrical	
426.	30.08.22	CGGC/MW-02/HSED/DHC-1761	Apply for Resumption of the Work In Response to Suspension Due to the Contract's Failure in Ensuring Safe Working Conditions	
427.	30.08.22	CGGC/MW-02/HRD/DHC-1762	Reply to the Engineer's Letter Regarding the Candidate for the Lead Mechanic	

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Appendix E [10/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
428.	28.08.22	CGGC/MW-02/TD/DHC-1763	Heavy Rainfall of the Continuous Several Days in the Aug 2022	
429.	30.08.22	CGGC/MW-02/CD/DHC-1764	Claim for Additional Cost and Extension of Time due to Delay in Land Handing Over	
430.	31.08.22	CGGC/MW-02/ED/DHC-1765	Weekly Progress Report of MW-02	
431.	31.08.22	CGGC/MW-02/FD/DHC-1766	Request for the Payment of Interim Payment Certificate No 30 # (Contractor IPA 31 #)of ICB NO.MW-02	
2.8. Dasu-LBRV-11				
Dasu-Office				
432.	01.08.22	ZEG/DHC/LBRV-11&12/22-74	Erosion of Contractors Camp Buildings due to Heavy Rainfall & Flood in River Indus & Surrounding Uchar Nullah	
433.	01.08.22	ZEG/DHC/LBRV-11&12/22-75	Permission for Shifting of Contractors Office and Residential Accommodation in CGICOP Camp	
434.	02.08.22	ZEG/DHC/LBRV-11&12/22-76	Notice of Force Majeure-Erosion of Contractors Camp Buildings and Construction Material Due to Heavy Rainfall & Flood River Indus & Uchar Nullah	
435.	03.08.22	ZEG/DHC/LBRV-11/22-77	Submission of Seventeenth Interim Idle Cost Claim Due to Disruption Works Stoppage by Local Community at Khoshe Site-2 Link-2	
436.	03.08.22	ZEG/DHC/LBRV-11/22-77	Submission of Seventeenth Interim Idle Cost Claim Due to Disruption Works Stoppage by Local Community at Khoshe Site-2 Link-2	
437.	04.08.22	ZEG/DHC/LBRV-11/22-78	Provision of Updated Staff List .LBRV-11 & 12	
438.	11.08.22	ZEG/DHC/LBRV-11/22-80	Coordination Meeting Security Related Aspects	
439.	15.08.22	ZEG/DHC/LBRV-11/22-81	Health Safety & Environment Monthly Monitoring Report for the Month of June 2022	
440.	15.08.22	ZEG/DHC/LBRV-11/22-82	Health Safety & Environment Monthly Monitoring Report	
441.	24.08.22	ZEG/DHC/LBRV-11/22-83	Request for Verification of Losses Done Due to Heavy Rainfall.	
442.	19.08.22	ZEG/WAPDA/Dasu/LBRV-11/ 22-13	Submission of Original Extended Advance Payment Bank Guarantee	
443.	24.08.22	ZEG/DHC/LBRV-11&12/22-84	Submission of Quotation for Safety Guard.	
444.	26.08.22	ZEG/DHC/LBRV-11&12/22-85	Notice of Force Majeure - Erosion of Contractor's Camp Buildings and Construction Material due to Heavy Rainfall & Flood in River Indus	
2.9. Dasu-LBRV-12				
Dasu-Office				
445.	11.08.22	ZEG/DHC/LBRV-12/22-22	Coordination Meeting Security Related Aspects	
446.	19.08.22	ZEG/WAPDA/Dasu/LBRV-12/22-14	Submission of Original Extended Advance Payment Bank Guarantee	
447.	28.08.22	ZEGL Dasu/Askari Insurance/ 22-11	Notice of Claim -Erosion of Contractor's Camp due to Heavy Rainfall & Flood in River Indus	
2.11. PCI-01R				
Dasu- Office				
448.	03.08.22	CGICOP-DASU-PCI-01R-PO-1498	Request for Payment IPC No.32 of PCI-01R	
449.	06.08.22	CGICOP-DASU-PCI-01R-PO-1499	Monthly Progress Report for the Month of July 2022	
450.	07.08.22	CGICOP-DASU-PCI-01R-PO-1500	Submission of Interim Payment Application No 33	
451.	10.08.22	CGICOP-DASU-PCI-01R-PO-1501	Monthly Report for Jul 2022 Basic Health Clinic	
452.	15.08.22	CGICOP-DASU-PCI-01R-PO-1502	Request for Review and Approval of Cooking Range of 3 Burners BOQ Item B-1.1(V) 14	
453.	17.08.22	CGICOP-DASU-PCI-01R-PO-1503	Submission of Additional Time and Cost (VO # 30) Shot Crete and Slope Protection Work Hostel CAT -2 C-D	
454.	17.08.22	CGICOP-DASU-PCI-01R-PO-1504	Force Majeure Resumption of Pipeline Works at Uchar Water Supply and Assessment of Flood damages	
455.	20.08.22	CGICOP-DASU-PCI-01R-PO-1505	20.08.22-3594-Change In Design for Additional Work of the Expansion Joint Cover at Top Roof. VO # 31 PCI-01R (1505)	
456.	20.08.22	CGICOP-DASU-PCI-01R-PO-1506	Submission of Additional Time and Cost (VO #30R1) Shotcrete and Slope protection Works at Choochang -1 Resettlement Village Site	
457.	20.08.22	CGICOP-DASU-PCI-01R-PO-1507	Submission of Initial Incident Report of PCI-01R	
458.	23.08.22	CGICOP-DASU-PCI-01R-PO-1508	Submission of Additional Time and Cost (VO# 32) for MS Cover Over Exposed Pipes for Project Office Building Under Engineer 's Instructions	
459.	23.08.22	CGICOP-DASU-PCI-01R-PO-1509	Submission of Additional Time and Cost (VO #33) for GI Cable Cover In Project Office Building Under Engineer's Instructions	
460.	23.08.22	CGICOP-DASU-PCI-01R-PO-1510	Provision of Access to Site for Construction of Water Supply System from Indus River to Colony	
461.	23.08.22	CGICOP-DASU-PCI-01R-PO-1511	Submission of Contractor's Workmen's Compensation Policy Renewed for the Period form 19th May 2022 to 19th May 2023	
462.	29.08.22	CGICOP-DASU-PCI-01R-PO-1515	Omission of 1) Hospital Building, 2) Hostel Category -2C , 3)Hostel Category -2D,4) Under GCC Clause 13.1	
463.	29.08.22	CGICOP-DASU-PCI-01R-PO-1516	Notice of Force Majeure under GCC Clause 19.2 for Blockage of Main KKH	
464.	31.08.22	CGICOP-DASU-PCI-01R-PO-1517	Omission of Five Buildings Under GCC Clause 13.1	
465.	31.08.22	CGICOP-DASU-PCI-01R-PO-1518	Extension of Insurance Policies under Item # 11,12, & 12 of BOQ Bill - A	
466.	31.08.22	CGICOP-DASU-PCI-01R-PO-1519	Notice of Force Majeure under GCC Clause 19.2 for Blockage of Main KKH	
32.12 Dasu RV				
Dasu Office				
467.	08.08.22	KGL/Dasu-RV/22-146	Approval of Escalation Formula	
468.	10.08.22	KGL/Dasu-RV/22-147	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project office and Category 1 and 2 House at Project Colony. RV	
469.	13.08.22	KGL/Dasu-RV/22-148	Submission of Revised Programme Extended Completion Date (EOT-2)	
470.	13.08.22	KGL/Dasu-RV/22-149	Prolongation and Idle Cost Claim	
471.	17.08.22	KGL/Dasu-RV/22-150	Appointment of Adjudicator	

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Appendix E [11/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
472.	22.08.22	KGL/Dasu-RV/22-151	Stoppage of Work	
473.	22.08.22	KGL/Dasu-RV/21-152	Submission of Interim Payment Certificate (IPC No.12)	
474.	27.08.22	KGL/Dasu-RV/21-153	Cost Control Under Clause 37	
475.	28.08.22	KGL/Dasu-RV/21-154	Stoppage of Work at Kuz Choochang Upper Portion	
476.	31.08.22	KGL/Dasu-RV/21-155	Re- Handling of Excavated Material	
2.13 Dasu EM-01				
Dasu Office				
477.	01.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0285	Reminder on Delayed Approval for Contractors Commercial Letters	
478.	01.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0287	Change Proposal for Upgraded Model of AVR Excitation System	
479.	02.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0250	Customer Clarification for the Water Pressure of Generator Fire Protection System & the Color of Generator Operation Indicator Lamp	
480.	02.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0288	The Reply for Dasu Generator FE Calculation Report of Stator Frame Upper Bracket, Generator Load on Foundation for Approval	
481.	02.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0281	Submission of Cargo Insurance Documents for First Batch of Equipment	
482.	02.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0289	Lower Bracket FE Calculation Report and Detail	
483.	03.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0292	Dasu U3 U2 U1 Common Piping Quality Document and Permission to Deliver Approval.EM-01	
484.	03.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0293	Revised Schematic Diagram of Transformer Oil Handling System.EM-01	
485.	04.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0294	Submission of Heavy Equipment List.EM-01	
486.	06.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0228	Proposal for Guide Bearing with Main Staff and Shaft Seal Pre-assembly at Workshop	
487.	05.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0291	Submission of Revised Master List	
488.	05.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0296	Clarification on Inspection Certificate Issued by the Engineer	
489.	05.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0297	Delay for the Provision of Vehicles for the Employers and the Project Managers Staff	
490.	06.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0274	Proposal to Add Supplier into Vendor List for Guide Vanes	
491.	09.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0275	Proposal to Add Supplier into Vendor List for Main Shaft	
492.	09.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0300	Reply letter sn22-200 and re-submission Unit Online Monitoring System General Design Drawing	
493.	10.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0302	Reply for Dasu Turbine Foundation Load Calculation Submission for approval	
494.	12.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0309	Reminder for Row Issue at EM-01 Camp Construction Site	
495.	13.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0310	Submission of Verification State of Labors	
496.	14.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0306	Delayed Approval for List of Contractors Technical Drawings	
497.	14.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0307	Reminder on Delayed Approval for Contractors Commercial Letters	
498.	14.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0308	Reminder for Letter about 765KV Protection System	
499.	16.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0295	Reminder for Reply form 175-30-06-22- Modification the Doc. Status of Generator PLD.EM-01(0295)	
500.	17.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0235	Reply for Basic Design Distributor Layout Drawing Submission for Approval	
501.	17.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0299	Joint Site Visit for Finalization of Temporary Storage Space and Packing list of First Delivery	
502.	16.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0301	Submission of Contractor's DB Member for Approval - Contractor No.2 Separate Reminder	
503.	16.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0304	Clarification on Inspection Certificate Issued by the Employer	
504.	16.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0312	Discount on Change Proposal on Excitation AVR Upgraded from EXC9100 to EXC9200	
505.	17.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0303	Reply Letter sn 22-210 and Resubmission Governor System Hydraulic Drawing Calculation notes	
506.	19.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0316	Supplemental Clarification on Supplier Change Application for Generator Stator Core	
507.	18.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0313	Revised Mechanical Drawings of Main Inlet Valve for Approval	
508.	18.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0314	Notice to Claim Due to Row Issue at EM-01 Camp Construction Site	
509.	19.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0315	Request for Consent to Subcontract of Gis and Gil	
510.	19.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0317	Dasu Generator Stator Winding Assembly , Rotor Lead Assembly Grounding System for Approval	
511.	23.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0298	EM-01 Quarterly Report , 2nd Quarter ,2022	
512.	23.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0318	Detailed Security Requirements for Kass Camp	
513.	30.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0319	Clarification on Inspection Certificate Issued by the Employer	

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Appendix E [12/22]

Sr. No	Receiving Date	Letter No.	Subject	Remarks
514.	26.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0320	Dasu Generator Upper Floor Assembly Shaft Current Monitoring Assembly, Electrical Consumer List for Information	
515.	26.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0321	Access Tunnel to Underground Powerhouse for Installation of Draft Tube Spiral Casing	
516.	31.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0323	Request to Provide Measure Control Points near the Powerhouse Cavern	
517.	26.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0325	Joint Site Visit for Finalization of Temporary Storage Space	
518.	26.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0327	Submission the DCS Server Cubicles Drawing and Control Room Operator Console Layout	
519.	27.08.22	Dasu-EM-01/LET-JV-WAPDA-DHC-2022-0328	Reply for Detail Design Drawing of Upper pit Liner Submission for Approval	
2.13 Dasu SA-01				
Dasu Office				
520.	03.07.22	KGL/Dasu-SSKD/S/22-54	Possession of Site	
521.	13.08.22	KGL/Dasu-SSKD/S/22-55	Utilization of Advance Payment	
522.	19.08.22	KGL/Dasu-SSKD/S/22-56	Submission of Monthly Progress Report	
523.	20.08.22	KGL/Dasu-SSKD/S/22-57	Construction of Culvert	
524.	21.08.22	KGL/Dasu-SSKD/S/22-58	Possession of Site	
525.	21.08.22	KGL/Dasu-SSKD/S/22-59	Response to non-Compliance with Project Manager Instruction	
526.	23.08.22	KGL/Dasu-SSKD/S/22-60	Rate Analysis of RCC 1,2,4 (Class B)	
527.	25.08.22	KGL/Dasu/170	Meeting with Managing Director of M-s Khyber Grace (PVT) Limited	
528.	25.08.22	KGL/Dasu-SSKD/S/22-61	Dismantling of Culvert	
529.	25.08.22	KGL/Dasu-SSKD/S/22-62	Form Work	
530.	29.08.22	KGL/Dasu-SSKD/S/22-63	Precast Concrete Slab (SA-01)	
531.	31.08.22	KGL/Dasu-SSKD/S/22-64	Proposal for Supplying and Filling Compacted Earth Material	
2.14 Dasu RB-014				
Dasu Office				
532.	01.08.22	IKAN/WAPDA/Jalkot/182	Submission of Prolongation & Idling Cost of (EOT-I and EOT-II)	
533.	26.08.22	IKAN/WAPDA/Jalkot/183	Submission of Prolongation & Idling Cost of (EOT-1and EOT- II)	
2.15 Dasu LADP-MI-1				
Dasu Office				
534.	04.08.22	KGL/Dasu-RHC/22-208	Submission of Updated Program	
535.	05.08.22	KGL/Dasu-RHC/22-209	Taking Over of Completed Blocks	
536.	16.08.22	KGL/Dasu-RHC/22-211	Submission of Monthly Progress Report for the Month of July 2022	
537.	31.08.22	KGL/Dasu-RHC/22-212	Adverse Climatic Condition Caused Heavy Rainfall , Flash Flood and Land Sliding	
2.16 Dasu LADP-MI-2				
Dasu Office				
538.	01.08.22	KGL/Dasu-JMK/22-107	Re-Submission of June 2022 Progress Report	
539.	02.08.22	KGL/Dasu-JMK/22-108	Submission of Updated Program	
540.	14.08.22	KGL/Dasu-JMK/22-109	Submission of July 2022 Progress Report	
541.	15.08.22	KGL/Dasu-JMK/22-110	Submission of Monthly Progress Report	
542.	15.08.22	KGL/Dasu-JMK/22-111	Installation of Tile Instead of Marble Flooring	
543.	17.08.22	KGL/Dasu-JMK/22-112	Response of Non Conformance Report	
544.	17.08.22	KGL/Dasu-JMK/22-113	Rate Analysis of Roof Treatment	
545.	19.08.22	KGL/Dasu-JMK/22-114	Rain at Site	
546.	20.08.22	KGL/Dasu-JMK/22-115	Rate Analysis of Tile	
547.	20.08.22	KGL/Dasu-JMK/22-116	Tuff Paving Tiles	
548.	29.08.22	KGL/Dasu-JMK/22-117	Request for Approval of Sample	
2.17 Dasu LADP PKG-01				
Dasu office				
549.	02.08.22	Project/LADP/PKG1/029	Employees List along with Police Clearance Certificate	
550.	07.08.22	Project/LADP/PKG1/030	Submission of Concrete Mix Designs	
551.	08.08.22	Project/LADP/PKG1/031	Stoppage of Work at Dong Nullah Road	
552.	11.08.22	Project/LADP/PKG1/032	Submission of Work Methodology for Concrete With Mixer Machine	
553.	23.08.22	Project/LADP/PKG1/033	Contractor's Project Manager	
554.	24.08.22	Project/LADP/PKG1/034	Weekly Report	
555.	29.08.22	Project/LADP/PKG1/035	Stoppage of Work at DHPP Affectees Road- Notice Under Clause 31 (Early Warning) Read with Clause 20 and Clause 42 of Conditions of Contract	
556.	30.08.22	Project/LADP/PKG1/036	Submission of Updated Program	
557.	31.08.22	Project/LADP/PKG1/037	Weekly Report	
558.	31.08.22	Project/LADP/PKG1/038	Suspension of Work at Site Since 26-08-2022 Due to Heavy Flood and Blockage of Road Near Zad Khar Nullah	

Outgoing Letters from DHC

Sr. No	Date	Letter No.	Subject	Remarks
1. To WAPDA				
1.1. General				
Lahore office				
1.	01.08.22	DHC/LHR/WAPDA/GEN/zuh/22-100	Request for Approval of Mr. Sherbaz Khan for the Position of Jr. Utility Engineer (Colony, RV, PH, Control Buildings) (L32) as a Replacement of Mr. Syed Haroon Ali Shah	
2.	04.08.22	DHC/LHR/WAPDA/GEN/aiq /22-101	Invoice (Remuneration) of Foreign Currency Portion for the Month of June 2022-EURO	
3.	04.08.22	DHC/LHR/WAPDA/GEN/aiq /22-101	Invoice (Remuneration) of Foreign Currency Portion for the Month of June 2022-JPY	
4.	04.08.22	DHC/LHR/WAPDA/GEN/aiq /22-102	Statement of Reimbursable Expenses of Foreign Currency Portion for the Month of June 2022-EURO	
5.	04.08.22	DHC/LHR/WAPDA/GEN/aiq /22-102	Statement of Reimbursable Expenses of Foreign Currency Portion for the Month of June 2022-JPY	
6.	15.08.22	DHC/LHR/WAPDA/GEN/mkk/22-103	Request for Extension of Multiple Entry Work Visa to Mr. Hojjat Hosseinzadeh	
7.	15.08.22	DHC/LHR/WAPDA/GEN/zuh/22-104	Request for Meeting Regarding Additional Hydraulic Model Tests on Comprehensive & Section Models of Dasu HPP	
8.	17.08.22	DHC/LHR/WAPDA/GEN/zuh/22-105	Request for Approval of Mr. Burhan Ilyas against Converted Position of Contract Engineer-1 to Sr. Contract Engineer (L95) and Mr. Usman Ashraf against TBN Position of Sr. Geologist / Sr. Contract Engineer (LA28)	
9.	18.08.22	DHC/LHR/WAPDA/GEN/aiq /22-106	Statement of Reimbursable Expenses of Local Currency Portion for the Month of May 2022	
10.	19.08.22	DHC/LHR/WAPDA/GEN/mkk/22-107	Request for Extension of Multiple Entry Work Visa to Mr. Cebeci Hulusi Haluk	
11.	22.08.22	DHC/LHR/WAPDA/GEN/mkk/22-108	Report of Inquiry Committee Constituted for Verification of Inventory Held by M/s DHC against the WCAP Funds	
12.	23.08.22	DHC/LHR/WAPDA/GEN/aiq /22-109	Release the Withheld Amount from the Payment Made by WAPDA Against Reimbursable Invoice No. 092 for the Month of March 2022	
13.	25.08.22	DHC/LHR/WAPDA/GEN/amr/22-110	Request for Approval of Mr. Saqib Siddiq for the Position of Sr. Migration Management (L29) as a Replacement of Mr. Irfan Mahmood Janjua	
14.	25.08.22	DHC/LHR/WAPDA/GEN/aiq /22-111	Invoice Remuneration of Local Currency Portion for the Month of July 2022	
15.	25.08.22	DHC/LHR/WAPDA/GEN/zuh/22-112	Maintenance of Physical Models at Hydraulic Research Station (HRS) Nandipur for the Year 2022-2023	
Dasu office				
16.	03.08.22	DHC/Dasu/WAPDA/GEN/myb/22-438	Security Arrangements for travelling of DHC Expatriates (M. Birol Murat & Deepak Kunwar)	
17.	03.08.22	DHC/Dasu/WAPDA/GEN/you/22-439	Security Arrangement for Travelling of CGGC Expatriates	
18.	04.08.22	DHC/Dasu/WAPDA/GEN/you/22-440	Security Arrangement for Travelling of CCECC Expatriates	
19.	04.08.22	DHC/Dasu/WAPDA/GEN/you/22-441	Environmental Screening Report of Proposed Solid Waste Disposal Site at Kaigah	
20.	05.08.22	DHC/Dasu/WAPDA/GEN/myb/22-442	Security Arrangements for Travelling of DHC Expatriate (Mr.Naim Karaman)	
21.	05.08.22	DHC/Dasu/WAPDA/GEN/myb/22-443	Security Arrangements for Travelling of DHC Expatriate (Mr.Cem Aker)	
22.	05.08.22	DHC/Dasu/WAPDA/GEN/myb/22-444	Security Arrangements for Travelling of DHC Expatriates (Mr.Masaaki Otake & Mr.Le Tien Duc)	
23.	05.08.22	DHC/Dasu/WAPDA/GEN/you/22-445	Security Arrangement for Travelling of PCCC Expatriate	
24.	05.08.22	DHC/Dasu/WAPDA/GEN/you/22-446	Geo Tagging Coordinates of All Foreigners Residential Camps Work Sites Plazas	
25.	06.08.22	DHC/Dasu/WAPDA/GEN/you/22-447	Security Arrangement for Travelling of PCCC Expatriate	
26.	06.08.22	DHC/Dasu/WAPDA/GEN/myb/22-448	Security Arrangements for Travelling of DHC Expatriate (Mr.Le Tien Duc)	
27.	06.08.22	DHC/Dasu/WAPDA/GEN/myb/22-449	Revised Security Arrangements for Travelling of DHC Expatriate (Mr.Cem Aker & Mr. Hojjat Hossainzadeh)	
28.	06.08.22	DHC/Dasu/WAPDA/GEN/myb/22-450	Security Arrangements for Travelling of DHC Expatriates (Mr.Canny Michael & Mr. Steven White)	
29.	08.08.22	DHC/Dasu/WAPDA/GEN/myb/22-451	Revised Security Arrangements for Travelling of DHC Expatriates	
30.	09.08.22	DHC/Dasu/WAPDA/GEN/you/22-452	Security Arrangements for Travelling of CCECC Expatriates	
31.	09.08.22	DHC/Dasu/WAPDA/GEN/you/22-453	Security Arrangement for Travelling of PCCC Expatriates	
32.	09.08.22	DHC/Dasu/WAPDA/GEN/you/22-454	Security Arrangement for Travelling of PCCC Expatriates	
33.	09.08.22	DHC/Dasu/WAPDA/GEN/you/22-455	Security Arrangements for Travelling of CCECC Expatriate	
34.	09.08.22	DHC/Dasu/WAPDA/GEN/nak/22-456	Security Arrangements for Travelling of DHC Expatriate as a Special Movement (Mr.Hiroshi Ogawa)	
35.	06.08.22	DHC/Dasu/WAPDA/GEN/you/22-457	Sharing of Present Employee List Along with Police Clearance Certificate of All Pakistani Staff Working Under DHPP	
36.	10.08.22	DHC/Dasu/WAPDA/GEN/you/22-458	Security Arrangement for Travelling of CGGC Expatriates	
37.	10.08.22	DHC/Dasu/WAPDA/GEN/you/22-459	Security Arrangement for Travelling of CGGC Expatriates	
38.	10.08.22	DHC/Dasu/WAPDA/GEN/you/22-460	Security Arrangement for Travelling of PCCC Expatriate	
39.	10.08.22	DHC/Dasu/WAPDA/GEN/you/22-461	Security Arrangements for Travelling of DHC Expatriate (Mr.Ali Murat Ozbek)	
40.	10.08.22	DHC/Dasu/WAPDA/GEN/you/22-462	Security Arrangements for Travelling of DHC Expatriate (Mr.Neil Steven White)	

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Appendix E [14/22]

Sr. No	Date	Letter No.	Subject	Remarks
41.	11.08.22	DHC/Dasu/WAPDA/GEN/you/22-463	Security Arrangements for Travelling of ZEGL Expatriates	
42.	10.08.22	DHC/Dasu/WAPDA/GEN/nhs/22-464	Submission of 05 TRP Files of Kuz Chuchang for Payment	
43.	12.08.22	DHC/Dasu/WAPDA/GEN/you/22-465	Sharing of Present Employee list Along with Police Clearance Certificate of All Pakistan Staff Working under DHPP	
44.	13.08.22	DHC/Dasu/WAPDA/GEN/you/22-466	Security Arrangements for Travelling of CGGC Expatriates	
45.	13.08.22	DHC/Dasu/WAPDA/GEN/you/22-467	Security Arrangements for Travelling of CCECC Expatriates	
46.	12.08.22	DHC/Dasu/WAPDA/GEN/myb/22-468	Security Arrangements for Travelling of DHC Expatriates (Mr.Burhan Arioiz & Mr.Okan Alper Koruk)	
47.	12.08.22	DHC/Dasu/WAPDA/GEN/myb/22-469	Security Arrangements for Travelling of DHC Expatriate as a Special Case (Hernandez Juan Carlos)	
48.	12.08.22	DHC/Dasu/WAPDA/GEN/myb/22-470	Security Arrangements for Travelling of DHC Expatriate (Mr.Okan Alper Koruk)	
49.	12.08.22	DHC/Dasu/WAPDA/GEN/myb/22-471	Security Arrangements for Travelling of DHC Expatriates (Mr.Tatsuya Miyazato & Mr.Masaaki Otake)	
50.	13.08.22	DHC/Dasu/WAPDA/GEN/tm/22-472	Reply Clarification on Replacement of K-12 RE (Hydraulic Steel Structures) Assignment-B	
51.	14.08.22	DHC/Dasu/WAPDA/GEN/you/22-473	Revised Security Arrangements for Travelling of CCECC Expatriates	
52.	13.08.22	DHC/Dasu/WAPDA/GEN/rob/22-474	Helath and Hygiene Kits for Distribution During Awareness Sessions	
53.	15.08.22	DHC/Dasu/WAPDA/GEN/myb/22-475	Revised Security Arrangements for Travelling of DHC Expatriates (Mr.Burhan Arioiz)	
54.	15.08.22	DHC/Dasu/WAPDA/GEN/you/22-476	Security Arrangements for Travelling of CGGC Expatriates	
55.	16.08.22	DHC/Dasu/WAPDA/GEN/you/22-477	Security Arrangements for Travelling of CGGC Expatriates	
56.	17.08.22	DHC/Dasu/WAPDA/GEN/nhs/22-478	Payment of Project Allowance to 118 AHHs of Various Villages	
57.	18.08.22	DHC/Dasu/WAPDA/GEN/sad/22-479	Revised GIS Verification of Land Parcels of Component Access Road to Resettlement Site-4 Kuz Chuchang	
58.	18.08.22	DHC/Dasu/WAPDA/GEN/myb/22-480	Security Arrangements for Travelling of DHC Expatriate (Mr.Fidencio Mendez)	
59.	18.08.22	DHC/Dasu/WAPDA/GEN/cad/22-481	Application of the Provisional Sales Tax and Federal Audit	
60.	18.08.22	DHC/Dasu/WAPDA/GEN/myb/22-482	Revised Security Arrangements for Travelling of DHC Expatriate (Mr.Juan Carlos & Mr.Bathhan Ozdemir)	
61.	18.08.22	DHC/Dasu/WAPDA/GEN/you/22-483	Security Arrangements for Travelling of PCCC Expatriates	
62.	19.08.22	DHC/Dasu/WAPDA/GEN/myb/22-484	Revised Security Arrangements for Travelling of DHC Expatriates (Mr.Tatsya Miyazato & Mr.Masaaki otake)	
63.	19.08.22	DHC/Dasu/WAPDA/GEN/myb/22-485	Security Arrangements for Travelling of DHC Expatriates (Mr.Hirotaka Koizumi & Mr.Tomoaki Kitamura)	
64.	20.08.22	DHC/Dasu/WAPDA/GEN/you/22-486	Security Arrangements for Travelling of CCECC Expatriates	
65.	20.08.22	DHC/Dasu/WAPDA/GEN/you/22-487	Security Arrangements for Travelling of CGGC Expatriates	
66.	20.08.22	DHC/Dasu/WAPDA/GEN/PM/22-488	Procurement of Satellite Imagery of Uchar Nullah Area	
67.	21.08.22	DHC/Dasu/WAPDA/GEN/you/22-489	Security Arrangements for Travelling of DHC Expatriates (Mr.Hulusi Haluk Cebeci & Mr.Seluck Genc)	
68.	22.08.22	DHC/Dasu/WAPDA/GEN/myb/22-490	Security Arrangements for Travelling of DHC Expatriates (Mr.Okan Alper Koruk)	
69.	23.08.22	DHC/Dasu/WAPDA/GEN/myb/22-491	Revised Security Arrangements for Travelling of DHC Expatriate (Mr.Fidencio Mendez)	
70.	23.08.22	DHC/Dasu/WAPDA/GEN/tm/22-492	MPR No.96 for the Month of July 2022 Under Assignment-B	
71.	24.08.22	DHC/Dasu/WAPDA/GEN/you/22-493	Security Arrangements for Travelling of CCECC Expatriates	
72.	20.08.22	DHC/Dasu/WAPDA/GEN/sad/22-494	Tentative Cost Estimate in Respect of Component Viz KKH-01 Additional Land (PTB-02)	
73.	23.08.22	DHC/Dasu/WAPDA/GEN/sad/22-495	Land Acquisition of Additional Land Within RAR-01 Area at Zaal (K5+525-K5+575)	
74.	24.08.22	DHC/Dasu/WAPDA/GEN/you/22-496	Security Arrangement for Travelling of PCCC Expatriates	
75.	24.08.22	DHC/Dasu/WAPDA/GEN/you/22-497	Security Arrangement for Travelling of CCECC Expatriates	
76.	27.08.22	DHC/Dasu/WAPDA/GEN/nhs/22-498	Payment of Project Allowance to 76 AHHs of various Villages	
77.	27.08.22	DHC/Dasu/WAPDA/GEN/you/22-499	Application of Tiger Security Company Employees	
78.	29.08.22	DHC/Dasu/WAPDA/GEN/amr/22-500	Identification and Relocation of Public	
79.	29.08.22	DHC/Dasu/WAPDA/GEN/sad/22-501	GIS Verification of Land Parcels of Component Access Road to Resettlement Site-4 Kuz Chuchang	
80.	29.08.22	DHC/Dasu/WAPDA/GEN/nhs/22-502	Payment of Project Allowance to 108 AHHs of various Villages	
81.	30.08.22	DHC/Dasu/WAPDA/GEN/myb/22-503	Security Arrangements for Travelling of DHC Expatriates as Special Case	
82.	30.08.22	DHC/Dasu/WAPDA/GEN/cad/22-504	Notice of Force Majeure- Recent Floods and Landslides	
83.	31.08.22	DHC/Dasu/WAPDA/GEN/zic/22-505	30th Environmental Progress Report for the Period from April to June 2022	
84.	31.08.22	DHC/Dasu/WAPDA/GEN/myb/22-506	Security Arrangements for travelling of DHC Expatriates as Special Case	
1.2. Dasu-RAR-01				
Dasu office				
85.	10.08.22	DHC/Dasu/WAPDA/RAR-01/cad/22-071	Interim Payment Certificate No # 32.RAR-01	
86.	27.08.22	DHC/Dasu/WAPDA/RAR-01/PLS/22-075	The Engineer's Assessment for 4th Extension of Time (EOT) of RAR-01 Contract (Correspondences)	
1.3. Dasu-KKH-01				
Dasu office				
87.	08.08.22	DHC/Dasu/WAPDA/KKH-01/you/22-115	Enhancement of Security Personnel for Chinese Camp at K-9 Khushi	
88.	11.08.22	DHC/Dasu/WAPDA/KKH-01/cad/22-118	Submission and Request for Confirmation of Contractors All Risk Insurance Policies Proposal.KKH-01	

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Appendix E [15/22]

Sr. No	Date	Letter No.	Subject	Remarks
89.	12.08.22	DHC/Dasu/WAPDA/KKH-01/cad/22-121	Interim Payment Certificate No # 26.KKH-01	
90.	12.08.22	DHC/Dasu/WAPDA/KKH-01/ohs/22-122	Request for Issuance of NOC for the Renewal of Explosive License No.KPK.SP-865-E.KKH-01	
91.	24.08.22	DHC/Dasu/WAPDA/KKH-01/tm/22-127	Utilization of New Camp Area for KKH-01 Contractor in the Project Colony Area	
92.	27.08.22	DHC/Dasu/WAPDA/KKH-01/tm/22-130	The Engineer's Assessment for 3rd Extension of Time (EOT) of KKH-01 Contract (Correspondences)	
93.	30.08.22	DHC/Dasu/WAPDA/KKH-01/tnk/22-132	Recent Flash Floods in Uchar Nullah and Existing Bridge Loss	
1.4. Dasu-KKH-02				
Dasu office				
94.	04.08.22	DHC/Dasu/WAPDA/KKH-02/okk/22-094	Revised Design Proposal for KKH-02 (Rev 2) from K25+200 to K62+213.KKH-02	
95.	13.08.22	DHC/Dasu/WAPDA/KKH-02/okk/22-099	Resettlement of Residents at KKH-02	
96.	18.08.22	DHC/Dasu/WAPDA/KKH-02/Ohs/22-100	Request for Issuance of Recommendation Letter for Renewal of Explosive License.KKH-02	
1.5. Dasu-TL-01				
Dasu office				
97.	01.08.22	DHC/Dasu/WAPDA/TL-01/cad/22-125	Interim Payment Certificate .IPC No.62.TL-01	
98.	11.08.22	DHC/Dasu/WAPDA/TL-01/cad/22-131	Recovery Adjustment of Balance Foreign Currency Component of Advance Payment.TL-01	
99.	11.08.22	DHC/Dasu/WAPDA/TL-01/cad/22-132	Reimbursement of Custom Duties and Taxes.TL-01	
100.	12.08.22	DHC/Dasu/WAPDA/TL-01/you/22-134	Submission of Verification Status of Permanent Employees and Daily Wages Labors.TL-01	
101.	12.08.22	DHC/Dasu/WAPDA/TL-01/pls/22-135	Project Managers Assessment for 4th Extension of Time (EOT) of TL-01	
102.	16.08.22	DHC/Dasu/WAPDA/TL-01/mrz/22-136	Stoppage of Tower Erection Work by Land Owner at T-200A & T-201A.TL-01	
103.	22.08.22	DHC/Dasu/WAPDA/TL-01/cad/22-139	Extension of Advance Payment Guarantee.TL-01	
1.6. Dasu-MW-01				
Dasu Office				
104.	01.08.22	DHC/Dasu/WAPDA/MW-01/AO/22-368	Site Inspection Report for Third Flood in Indus River and Uchar Nullah MW-01	
105.	03.08.22	DHC/Dasu/WAPDA/MW-01/hn/22-373	Submission of Technical Note on Tentative Measures for Power Supply for Main Civil Works	
106.	03.08.22	DHC/Dasu/WAPDA/MW-01/AO/22-374	Removing Debris and Mud on the Uchar Nullah Waterway, MW-01	
107.	06.08.22	DHC/Dasu/WAPDA/MW-01/you/22-390	Provision of TOYOTA REVO GM-T Pick Up Vehicle.MW-01	
108.	10.08.22	DHC/Dasu/WAPDA/MW-01/cad/22-395	Royalties and Licensing fee Payment to Mines and Mineral Development Department KPK.MW-01	
109.	12.08.22	DHC/Dasu/WAPDA/MW-01/you/22-396	Visa Invitation Letter	
110.	12.08.22	DHC/Dasu/WAPDA/MW-01/hur/22-398	Site Inspection Report for Fourth Flood in Uchar Nullah.MW-01	
111.	16.08.22	DHC/Dasu/WAPDA/MW-01/JF/22-404	Proposal Additional Borehole Downstream Cofferdam.MW-01	
112.	17.08.22	DHC/Dasu/WAPDA/MW-01/cad/22-408	Situation Due to Overtopping of Diversion Tunnels Inlet Dyke.MW-01	
113.	18.08.22	DHC/Dasu/WAPDA/MW-01/cad/22-411	Aerial Reconnaissance of Uchar Nullah Upto the Glacier	
114.	19.08.22	DHC/Dasu/WAPDA/MW-01/shj/22-415	Interim Payment Certificate No # 30 • For June-2022 (Contractor IPA # 31)	
115.	19.08.22	DHC/Dasu/WAPDA/MW-01/shj/22-417	Justification for Issuance of Interim Payment Certificate No# 30	
116.	29.08.22	DHC/Dasu/WAPDA/MW-01/zua/22-429	Site Inspection Report for UChar Nullah Flood on August 26th, 2022 MW-01	
117.	29.08.22	DHC/Dasu/WAPDA/MW-01/zua/22-430	Instruction for Daywork Order for Removal of Debris Deposited at Uchar Nullah (MW-01)	
118.	30.08.22	DHC/Dasu/WAPDA/MW-01/PM/22-431	Engineer's Assessment on Principle of Claim MW-01-C-13 "Firing Incident at River Diversion Inlet Area"	
119.	31.08.22	DHC/Dasu/WAPDA/MW-01/CAD/22-433	Draft of Variation for Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plant	
120.	31.08.22	DHC/Dasu/WAPDA/MW-01/HUR/22-434	Site Inspection Report for Debris Flow in Uchar Nullah for the Months of July and August 2022	
1.8 Dasu-MW-02				
Dasu Office				
121.	05.08.22	DHC/Dasu/WAPDA/MW-02/ohs/22-319	Detail Incident Investigation Report at CT-2.MW-02	
122.	05.08.22	DHC/Dasu/WAPDA/MW-02/ys/22-322	Reply to IPOE Comments on Assessment of Geological Conditions in Technical Note for Design Modification of Tailrace Tunnels.MW-02	
123.	06.08.22	DHC/Dasu/WAPDA/MW-02/you/22-325	Provision of TOYOTA REVO GM-T Pick Up Vehicle.MW-02	
124.	12.08.22	DHC/Dasu/WAPDA/MW-02/ohs/22-331	Request for Issuance of NOC for the Renewal of Explosive License No.KPK.SP-866-E.MW-02	
125.	20.08.22	DHC/Dasu/WAPDA/MW-02/shj/22-344	Interim Payment Certificate No # 30 - For June-2022 (Contractor IPA # 31)	
126.	20.08.22	DHC/Dasu/WAPDA/MW-02/shj/22-345	Justification for Issuance of Interim Payment Certificate No# 30	
1.9 Dasu LBRV-11				

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Sr. No	Date	Letter No.	Subject	Remarks
Dasu Office				
127.	12.08.22	DHC/Dasu/WAPDA/LBRV-11/you/22-074	Submission of Verification Status of Permanent Employees and Daily Wages Labors.LBRV-11	
128.	13.08.22	DHC/Dasu/WAPDA/LBRV-11/mrd/22-075	Reminder Letter and Request for Omission of RV Khoshe-2 Link-2 Site.LBRV-11	
129.	18.08.22	DHC/Dasu/WAPDA/LBRV-11/cad/22-078	Meeting to Discuss the Mode of Recovery of Advance Payment.LBRV-11&12	
130.	23.08.22	DHC/Dasu/WAPDA/LBRV-11/infra/22-081	Additional Requirements from the Community of Khoshe Site-1 LBRV-11	
1.10 Dasu-LBRV-12				
Dasu office				
131.	12.08.22	DHC/Dasu/WAPDA/LBRV-11/you/22-042	Submission of Verification Status of Permanent Employees and Daily Wages Labors.LBRV-12	
1.11 Dasu-RBRV-11				
Dasu Office				
132.	15.08.22	DHC/Dasu/WAPDA/RBRV-11/cad/22-003	Extensnion of Advance Payment Performance Securities Bank Guarantees.RBBRV-11	
1.12 Dasu-PCI-01R				
Dasu office				
133.	01.08.22	DHC/Dasu/WAPDA/PCI-01R/CAD/22-206	Interim Payment Certificate No.32.PCI-01R	
134.	22.08.22	DHC/Dasu/WAPDA/PCI-01R/kan/22-221	Response to Boundary Wall Alignment.PCI-01R	
135.	29.08.22	DHC/Dasu/WAPDA/PCI-01R/cad/22-226	Provision of CCTV Camera	
1.14 Dasu EM-01				
Dasu Office				
136.	01.08.22	DHC/Dasu/WAPDA/EM-01/mrz/22-234	Energy Purchase Agreement (EPA).EM-01	
137.	02.08.22	DHC/Dasu/WAPDA/EM-01/ cad/22-235	Submission of Cargo Insurance Documents for First Batch of Equipment.EM-01	
138.	02.08.22	DHC/Dasu/WAPDA/EM-01 /mrz/ 22-236	Voltage Simulation.EM-01	
139.	04.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-244	Request to Coordinate with Locals to Resume the Work at EM-01 Site Camp	
140.	17.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-255	Joint Site Visit for Finalization of Temporary Storage Space.EM-01	
141.	18.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-256	Application of Change order on AVR Excitation System.EM-01	
142.	19.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-262	Employers Inspection Certificate for Rotor Supporting Tool.EM-01	
143.	22.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-269	Supplier Change Application for Generator Stator Core.EM-01	
144.	24.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-273	Request to Handover Remaining Area and to Provide External Security for the Contractor's EM-01 Site Camp to Resume the Work	
145.	24.08.22	DHC/Dasu/WAPDA/EM-01/CAD/22-274	Joint Site Visit for Finalization of Temporary Storage Space	
146.	30.08.22	DHC/Dasu/WAPDA/EM-01/ /YS/22-280	General Layout of the Project to NTDC	
147.	30.08.22	DHC/Dasu/WAPDA/EM-01/ /cad/22-282	Employer's Inspection Certificates No. 2 & 3 for Draft Tube Elbow and Diffusor Draft Tube Anchoring Unit-3	
1.14 Dasu RV				
Dasu Office				
148.	02.08.22	DHC/Dasu/WAPDA/RV/kan/ 22-054	Preparation of Punch List for Completion Taking over for Parts of the Works-Relocated Plots of the Choochang-1 (Dasu-RV)	
149.	02.08.22	DHC/Dasu/WAPDA/RV/mrz/ 22-055	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office	
150.	23.08.22	DHC/Dasu/WAPDA/RV/infra/ 22-058		
1.16 Dasu-LADP				
Dasu Office				
151.	01.08.22	DHC/Dasu/WAPDA/mfn/22-035	LADP-DWS-Draft Bidding Document & Cost Estimate	
152.	04.08.22	DHC/Dasu/WAPDA/mfn/22-036	LADP-Bld Evaluation	
153.	06.08.22	DHC/Dasu/WAPDA/mfn/22-037	LADP Monthly Progress Report No.40 for the Month of July 2022	
154.	13.08.22	DHC/Dasu/WAPDA/mfn/22-038	LADP-Inspection Report of M&S Visit to Dasu HPP	
155.	13.08.22	DHC/Dasu/WAPDA/zia/22-039	LADP-Submission of Site Visit Report for Water Supply Scheme Asheel (Self Resettlement Site)	
156.	25.08.22	DHC/Dasu/WAPDA/njm/22-040	Preparation of Feasibility Report for Revamping Furniture Equipment of RHC, Shatial Construction Drawings of Existing Structure	
157.	29.08.22	DHC/Dasu/WAPDA/mfn/22-041	Request for Quotation (RFQ) for Supply and Installation of Computer System & Furniture for Computer Labs at Seven (7) Schools in Kohistan (Upper)	
2.15 Dasu LADP-MI-1				
Dasu Office				
158.	08.08.22	DHC/Dasu/WAPDA/MI-1/mfn/22-061	LADP-MI-1-Interim Payment Certificate No.6	
2.17 Dasu LADP-SA-01				
Dasu Office				
159.	01.08.22	DHC/Dasu/WAPDA/SA-01/zia/22-054	LADP-SA-01-Hindrances Social Issues and NOC from Concerned Department	
160.	02.08.22	DHC/Dasu/WAPDA/SA-01/zia/22-056	Sanitation & Sewerage Systems at Komila and Dasu	

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Sr. No	Date	Letter No.	Subject	Remarks
161.	12.08.22	DHC/Dasu/WAPDA/SA-01/zia/22-058	LADP-SA-01-Hindrance Encroachments Non Objection Certificate (NOC) and Right of Way (ROW from Concerned Departments	
2.18 Dasu LADP-PKG-1				
162.	30.08.22	DHC/Dasu/WAPDA/PKG-1/ njm/22-023	Stoppage of Work at DHPP Affectees Road	
2. To Contractors				
2.1 RAR-01				
Dasu Office				
1.	02.08.22	DHC/Dasu/CCECC/RAR-01/PLS/22-066	Submission of Programme Schedule of Komila bypass for 4th Extension of Time (EOT-4) Reminder.RAR-01	
2.	02.08.22	DHC/Dasu/CCECC/RAR-01/you/22-067	Deficiency of Services Electronic Item Required	
3.	03.08.22	DHC/Dasu/CCECC/RAR-01/cad/22-068	Combined Taking-over Certificate for the Original Scope of Works	
4.	05.08.22	DHC/Dasu/CCECC/RAR-01/you/22-069	Move of Foreigners to Komila Dasu Market.RAR-01	
5.	09.08.22	DHC/Dasu/CCECC/RAR-01/you/22-070	Coordination Meeting Security Related Aspects.RAR-01	
6.	11.08.22	DHC/Dasu/CCECC/RAR-01/ohs/22-072	Approval of HSE Manager Mr.Junaid Ahmed	
7.	19.08.22	DHC/Dasu/CCECC/RAR-01/nak/22-073	Locals Application for Removal of Excavated Dumped Material from Private Land Adjacent to K2+110- K2+170 at Komila Bypass	
8.	25.08.22	DHC/Dasu/CCECC/RAR-01/PLS/22-074	Submission to 4th Extension of Time (EoT -4) for KKH-01 Contract (Reminder)	
9.	31.08.22	DHC/Dasu/CCECC/RAR-01cad/22-076	Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah - Notice of Claim under Sub-Clauses 4.12 & 19.2	
2.2 RAR-02				
Dasu office				
10.	02.08.22	DHC/Dasu/CGGC/RAR-02/you/22-068	Deficiency of Services Electronic Item Required	
11.	05.08.22	DHC/Dasu/CGGC/RAR-02/you/22-069	-Move of Foreigners to Komila Dasu Market.RAR-02	
12.	09.08.22	DHC/Dasu/CGGC/RAR-02/you/22-070	Coordination Meeting Security Related Aspects.RAR-02	
13.	15.08.22	DHC/Dasu/CGGC/RAR-02/cad/22-071	Notice of Claim-Due to Mud Flood in Uchar Nullah	
14.	15.08.22	DHC/Dasu/CGGC/RAR-02/OKK/22-072	Low Progress Rate of RAR-02	
15.	20.08.22	DHC/Dasu/CGGC/RAR-02/Ohs/22-073	Hiring & Mobilization of Qualified Occupational Health and Safety (OHS) Specialist for RAR-02	
16.	30.08.22	DHC/Dasu/CGGC/RAR-02/cad/22-074	Selection of Sole Member for Dispute Board (DB) for Contract RAR-02	
2.3 KKH-01				
Dasu Office				
17.	01.08.22	DHC/Dasu/CCECC/KKH-01/you/22-108	Construction Repair works Required on Various Posts in Camps.KKH-01	
18.	02.08.22	DHC/Dasu/CCECC/KKH-01/PLS/22-109	Submission of Programme Schedule for 3rd Extension of Time (EOT-3) Reminder.KKH-01	
19.	02.08.22	DHC/Dasu/CCECC/KKH-01/you/22-110	Deficiency of Services Electronic Item Required	
20.	02.08.22	DHC/Dasu/CCECC/KKH-01/nk/22-111	The Engineer's Reply on Delay Caused by the Engineer's Assistant in the Source Approval of Material For the Tunnels	
21.	04.08.22	DHC/Dasu/CCECC/KKH-01/cad/22-112	Inundation of Contractor's Uchar Camp due to Accordance of Flood in Uchar Nullah - Notice of Force Majeure Clause 19.2	
22.	05.08.22	DHC/Dasu/CCECC/KKH-01/ys/22-113	Relocation of Temporary Facilities at the Logro-A Tunnel Portal Area	
23.	05.08.22	DHC/Dasu/CCECC/KKH-01/you/22-114	-Move of Foreigners to Komila Dasu Market.KKH-01	
24.	09.08.22	DHC/Dasu/CCECC/KKH-01/you/22-116	Coordination Meeting Security Related Aspects.KKH-01	
25.	10.08.22	DHC/Dasu/CCECC/KKH-01/bth/22-117	Reply to the Submission of Method Statement of Logro A (K9) Tunnel.KKH-01	
26.	11.08.22	DHC/Dasu/CCECC/KKH-01/you/22-119	Violation of SOPs by Expatriate	
27.	11.08.22	DHC/Dasu/CCECC/KKH-01/hhc/22-120	Confirmation Letter for Slope Protection Method at Logro-A Tunnel Inlet Area.KKH-01	
28.	13.08.22	DHC/Dasu/CCECC/KKH-01/hhc/22-123	Interim Payment Application (IPA No.26).KKH-01	
29.	16.08.22	DHC/Dasu/CCECC/KKH-01/zic/22-124	Engineers Comments on monthly EHS Monitoring Report No.79 July 2022.KKH-01	
30.	18.08.22	DHC/Dasu/CCECC/KKH-01/cad/22-125	Confirmation of Contractors All Risk Insurance Policies.KKH-01	
31.	23.08.22	DHC/Dasu/CCECC/KKH-01/zic/22-126	Revision of KKH-01 Construction Environmental Action Plan After Design Change.KKH-01	
32.	25.08.22	DHC/Dasu/CCECC/KKH-01/PLS/22-128	Submission of Resource Loaded Schedule (RLS) for KKH-01 Contract (Reminder)	
33.	25.08.22	DHC/Dasu/CCECC/KKH-01/PLS/22-129	Submission to 3rd Extension of Time (EoT-3) for KKH-01 Contract (Reminder)	
34.	29.08.22	DHC/Dasu/CCECC/KKH-01/tm/22-131	Daywork Order for Safety Measure along Foot Path beside the Collapsed Portion of KKH (Urgent)	
35.	31.08.22	DHC/Dasu/CCECC/KKH-01/CAD/22-133	Extension of Contractor's Workmen Compensation (WC) Policy	

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Sr. No	Date	Letter No.	Subject	Remarks
36.	31.08.22	DHC/Dasu/CCECC/KKH-01/CAD/22-134	Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah - Notice of Claim under Sub-Clauses 4.12 & 19.2	
2.4 Dasu-KKH-02				
Dasu Office				
37.	02.08.22	DHC/Dasu/CGGC/KKH-02/you/22-093	Deficiency of Services Electronic Item Required	
38.	05.08.22	DHC/Dasu/CGGC/KKH-02/you/22-095	Move of Foreigners to Komila Dasu Market.KKH-02	
39.	09.08.22	DHC/Dasu/CGGC/KKH-02/you/22-096	Coordination Meeting Security Related Aspects.KKH-02	
40.	10.08.22	DHC/Dasu/CGGC/KKH-02/cad/22-097	Contractors Notice of Claim for Occupation of Contractors Pakistani Staff Dormitories by Army Personnel.KKH-02	
41.	12.08.22	DHC/Dasu/CGGC/KKH-02/pls/22-098	Comments on Contract Programme of KKH-02 Contract	
42.	19.08.22	DHC/Dasu/CGGC/KKH-02/Ohs/22-101	Submission of Curriculum Vitae of Occupational Health and Safety (OHS) Specialist for KKH-02	
43.	30.08.22	DHC/Dasu/CGGC/KKH-02/CAD/22-102	Selection of Sole Member for Dispute Board (DB) for Contract KKH-02	
2.5 Dasu TL-01				
Dasu Office				
44.	02.08.22	DHC/Dasu/PCCC/TL-01/ you/22-126	Deficiency of Services Electronic Item Required	
45.	04.08.22	DHC/Dasu/PCCC/TL-01/ cad/22-127	Extension of Insurance Policies.TL-01	
46.	05.08.22	DHC/Dasu/PCCC/TL-01/ you/22-128	Move of Foreigners to Komila Dasu Market.TL-01	
47.	06.08.22	DHC/Dasu/PCCC/TL-01/ cad/22-129	Mechanism for Swift Recovery of Advance Payment (Foreign Component).TL-01	
48.	09.08.22	DHC/Dasu/PCCC/TL-01/ you/22-130	Coordination Meeting Security Related Aspects.TL-01	
49.	10.08.22	DHC/Dasu/PCCC/TL-01/ ohs/22-133	Occupational Health Safety Management Plan (OHSMP) Approval.TL-01	
50.	18.08.22	DHC/Dasu/PCCC/TL-01/ cad/22-137	Meeting Related Recovery of Balance Foreign Currency of Advance Payment.TL-01	
51.	18.08.22	DHC/Dasu/PCCC/TL-01/ mrz/22-138	Slow Progress at Transmission Line and Grid Station.TL-01	
52.	24.08.22	DHC/Dasu/PCCC/TL-01/ mrz/22-140	New Store at Pattan and its Management	
53.	25.08.22	DHC/Dasu/PCCC/TL-01/ PLS/22-141	Submission to 4th Extension of Time (EoT -4) for TL-01 Contract (reminder)	
54.	27.08.22	DHC/Dasu/PCCC/TL-01/ cad/22-142	Extension of Advance Payment Guarantee	
55.	30.08.22	DHC/Dasu/PCCC/TL-01/ mrz/22-143	Submission of Quantity List of Control & Power Cables for Approval	
56.	31.08.22	DHC/Dasu/PCCC/TL-01/ cad/22-144	Notice -Force Majeure due to Blockage of Road in Recent Rain	
2.6 Dasu MW-01				
Dasu Office				
57.	01.08.22	DHC/Dasu/CGGC/MW-01/CAD/22-364	Contractors Claim for Additional Payment for the Work Hinrance.MW-01	
58.	01.08.22	DHC/Dasu/CGGC/MW-01/jf/22-365	Reply to Submission of Starter Dam Filling Compaction Tests.MW-01	
59.	01.08.22	DHC/Dasu/CGGC/MW-01/you/22-366	Construction Repair Works Required on Various Posts in Camps.MW-01	
60.	01.08.22	DHC/Dasu/CGGC/MW-01/you/22-367	Visit of Chief Security Officer to Gini Camp-Security Issues.MW-01	
61.	02.08.22	DHC/Dasu/CGGC/MW-01/you/22-369	Security Weakness at Hattian Kamra.MW-01	
62.	02.08.22	DHC/Dasu/CGGC/MW-01/cad/22-370	Royalties and Licensing fee Payment to Mines and Mineral Development Department KPK.MW-01	
63.	02.08.22	DHC/Dasu/CGGC/MW-01/you/22-371	Deficiency of Services Electronic Item Required	
64.	02.08.22	DHC/Dasu/CGGC/MW-01/you/22-372	Violation of SOPs by Expatriate	
65.	03.08.22	DHC/Dasu/CGGC/MW-01/you/22-375	SHO Dasu Special Diary Report	
66.	03.08.22	DHC/Dasu/CGGC/MW-01/you/22-376	Request for Payment of Insurance	
67.	03.08.22	DHC/Dasu/CGGC/MW-01/AO/22-377	Reply to Work Stoppage Notice, MW-01	
68.	04.08.22	DHC/Dasu/CGGC/MW-01/nk/22-378	Reply to Work Stoppage Notice, MW-01	
69.	04.08.22	DHC/Dasu/CGGC/MW-01/AO/22-379	Survey of Kaigah Quarry, MW-01	
70.	04.08.22	DHC/Dasu/CGGC/MW-01/AO/22-380	Reminder 3 Raw Material Stock Management, Source of RCC Aggregates for Dam, MW-01	
71.	04.08.22	DHC/Dasu/CGGC/MW-01/AO/22-381	Preparation Works for Starter Dam, MW-01	
72.	04.08.22	DHC/Dasu/CGGC/MW-01/you/22-382	Advisory Notice	
73.	05.08.22	DHC/Dasu/CGGC/MW-01/hur/22-383	Joint Survey of Crown Portion in Diversion Tunnel A (Part 2 & 3).MW-01	
74.	05.08.22	DHC/Dasu/CGGC/MW-01/zic/22-384	Use of Chemical Drum for Water Storage at Tailrace Outlet Tunnel Construction Site MW-01	
75.	05.08.22	DHC/Dasu/CGGC/MW-01/jf/22-385	Reply to Submission of the Proposal for Remedial Measures for Arch Portions of Diversion Tunnel.MW-01	
76.	05.08.22	DHC/Dasu/CGGC/MW-01/pm/22-386	Submission of List for Lost Damaged Caused by Mudslide.MW-01	
77.	05.08.22	DHC/Dasu/CGGC/MW-01/hn/22-387	Development of Quarry Site for Embankment Material for Rehabilitation Works Due to Damages Caused by Debris Flow in Uchar Nullah.MW-01	
78.	05.08.22	DHC/Dasu/CGGC/MW-01/you/22-388	Move of Foreigners to Komila Dasu Market.MW-01	
79.	06.08.22	DHC/Dasu/CGGC/MW-01/cad/22-389	Site Works-Uchar Mudflow.MW-01	
80.	06.08.22	DHC/Dasu/CGGC/MW-01/hur/22-391	Minutes of Weekly Meeting 26 July 2022.MW-01	

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Sr. No	Date	Letter No.	Subject	Remarks
81.	07.08.22	DHC/Dasu/CGGC/MW-01/nk/22-392	Comments on the Contractors Request for Optimizing Shotcrete Mix Designs MW-01	
82.	08.08.22	DHC/Dasu/CGGC/MW-01/jf/22-393	Reply for Calculation and Drawings of Scaffolding for Diversion Tunnel Inlet Transition.MW-01	
83.	09.08.22	DHC/Dasu/CGGC/MW-01/jf/22-394	Coordination Meeting Security Related Aspects.MW-01	
84.	10.08.22	DHC/Dasu/CGGC/MW-01/JF/22-397	Request for Early Submission of the Proposal for Remedial Measures for Arch Portion of DT-A Part 2 and Part-3.MW-01	
85.	12.08.22	DHC/Dasu/CGGC/MW-01/PM/22-399	Co-ordination with Frontier Work Organization (FWO).MW-01	
86.	11.08.22	DHC/Dasu/CGGC/MW-01/jf/22-400	Schedule and Method of River Diversion.MW-01	
87.	15.08.22	DHC/Dasu/CGGC/MW-01/jf/22-401	Slope Adjustment of Intake Structure above EL.1041m	
88.	15.08.22	DHC/Dasu/CGGC/MW-01/cad/22-402	Notice of Claim-Due to Flood in Uchar Nullah	
89.	15.08.22	DHC/Dasu/CGGC/MW-01/zua/22-403	Slow progress on Critical Working Faces.MW-01	
90.	16.08.22	DHC/Dasu/CGGC/MW-01/cad/22-405	Response to Contractors Disagreement to Apply Discount to Variations in IPC-29.MW-01	
91.	16.08.22	DHC/Dasu/CGGC/MW-01/zua/22-406	Instruction for Day work Order Removal of Debris Deposited at Uchar Nullah MW-01	
92.	15.08.22	DHC/Dasu/CGGC/MW-01/hur/22-407	Construction of Security Buildings at Kass Camp.MW-01	
93.	17.08.22	DHC/Dasu/CGGC/MW-01/cad/22-409	Overtopping of Diversion Tunnels Inlet Dyke.MW-01	
94.	17.08.22	DHC/Dasu/CGGC/MW-01/cad/22-410	Provision of Vehicles.MW-01	
95.	18.08.22	DHC/Dasu/CGGC/MW-01/zua/22-412	Reply to the Report on Forced Suspension of Construction of Kass Main Camp.MW-01	
96.	18.08.22	DHC/Dasu/CGGC/MW-01/hh/22-413	Reminder Regarding RCC Thermal Properties Test Methods.MW-01	
97.	18.08.22	DHC/Dasu/CGGC/MW-01/zua/22-414	Reply to GBC Colony Hattian Security Measures (MW-01)	
98.	24.08.22	DHC/Dasu/CGGC/MW-01/ hn/22-416	Commencement of Dewatering Operation of Diversion Tunnels.MW-01	
99.	24.08.22	DHC/Dasu/CGGC/MW-01/ jf/22-418	Comments on Method Statement of Cavity Grouting for Diversion Tunnel Arch	
100.	24.08.22	DHC/Dasu/CGGC/MW-01/ jf/22-419	Request for Submission of Method Statement of Upstream Starter Dam (MW-01)	
101.	24.08.22	DHC/Dasu/CGGC/MW-01/ jf/22-420	Reply to Submission of the Proposal for Remedial Measures for Arch Portion of Part.2 and Part 3 of the inlet DT-A inlet portal lining section	
102.	25.08.22	DHC/Dasu/CGGC/MW-01/ ks/22-421	Technical Proposal for Time-of-Flight Diffraction (TOFD) in Lieu of Radiography Testing (HSS)	
103.	27.08.22	DHC/Dasu/CGGC/MW-01/ PM/22-422	River Diversion Scheme- Completion of River Diversion Tunnels and Starter Dam	
104.	27.08.22	DHC/Dasu/CGGC/MW-01/ Zua/22-423	Reply to GBC Colony Hattian Security Measures (MW-01)	
105.	27.08.22	DHC/Dasu/CGGC/MW-01/ jf/22-424	Reply to Submitted Guideline of Starter Dam Filling Compaction Tests	
106.	27.08.22	DHC/Dasu/CGGC/MW-01/ ks/22-425	Request of Design Data of the Diversion Tunnel Gates used for Remedial Activities of the Tunnels	
107.	27.08.22	DHC/Dasu/CGGC/MW-01/ zua/22-426	Dewatering of Diversion Tunnels	
108.	27.08.22	DHC/Dasu/CGGC/MW-01 & 02/you/22-427	SHO Dasu Police Station Advisory Notice	
109.	27.08.22	DHC/Dasu/CGGC/MW-01/ ks/22-428	Submission of the Construction design of Diversion Gate Foundation and Guide Frame 05	
110.	29.08.22	DHC/Dasu/CGGC/MW-01/ zua/22-430	Instruction for Daywork Order for Removal of Debris Deposited at Uchar Nullah (MW-01)	
2.7 Dasu MW-02				
Dasu Office				
111.	01.08.22	DHC/Dasu/CGGC/MW-02/ohs/22-312	Authorization of Jumbo Machine to Resume Work at CT-2.MW-02	
112.	01.08.22	DHC/Dasu/CGGC/MW-02/ys/22-313	Response to Submission Report of Post-Tensioned Tendon Trials in Powerhouse.MW-02	
113.	01.08.22	DHC/Dasu/CGGC/MW-02/you/22-314	Visit of Chief Security Officer to Gini Camp-Security issues.MW-02	
114.	02.08.22	DHC/Dasu/CGGC/MW-02/you/22-315	Deficiency of Services Electronic Item Required	
115.	04.08.22	DHC/Dasu/CGGC/MW-02/nk/22-316	Measures to be Taken Against Alkali-Silica Reactivity Potential of the Rocks Being used in Concrete Productions,	
116.	04.08.22	DHC/Dasu/CGGC/MW-02/you/22-317	Advisory Notice	
117.	04.08.22	DHC/Dasu/CGGC/MW-02/ys/22-318	-Provision of Protection Fence Above and on Both Sides of CT-2 Portal in Tailrace.MW-02	
118.	05.08.22	DHC/Dasu/CGGC/MW-02/you/22-320	Move of Foreigners to Komila Dasu Market.MW-02	
119.	05.08.22	DHC/Dasu/CGGC/MW-02/ys/22-321	Request for Provision of AC Loads List (Reminder-1)	
120.	06.08.22	DHC/Dasu/CGGC/MW-02/pm/22-323	Site Works-Uchar Mudflow.MW-02	
121.	07.08.22	DHC/Dasu/CGGC/MW-02/nk/22-324	Comments on the Contractors Request for Optimizing Shotcrete Mix Designs.MW-02	
122.	09.08.22	DHC/Dasu/CGGC/MW-02/you/22-326	Coordination Meeting Security Related Aspects.MW-02	
123.	06.08.22	DHC/Dasu/CGGC/MW-02/ohs/22-327	Final Warning Project Manager -Non Compliance to OHS Contractual Obligation	
124.	06.08.22	DHC/Dasu/CGGC/MW-02/ohs/22-328	Line Managers Termination of Services	
125.	06.08.22	DHC/Dasu/CGGC/MW-02/ohs/22-329	CGGC Supervisors Termination of Services	
126.	11.08.22	DHC/Dasu/CGGC/MW-02/cad/22-330	Claim for Additional Payment for the Consequences of the LNG Truck Incident.MW-02	
127.	12.08.22	DHC/Dasu/CGGC/MW-02/mgc/22-332	Response to the Calculation of the Penstock Adit Plugging.MW-02	

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Sr. No	Date	Letter No.	Subject	Remarks
128.	13.08.22	DHC/Dasu/CGGC/MW-02/MWIS/22-333	Response to the Submission of Blasting Design of Power Intake.MW-02	
129.	15.08.22	DHC/Dasu/CGGC/MW-02/PM/22-334	Suspension of Work- Due to Contractors Failure to Ensure Safe Working Condition.MW-02	
130.	15.08.22	DHC/Dasu/CGGC/MW-02/PM/22-335	Suspension of Work-Non Compliance on OHS Matters	
131.	15.08.22	DHC/Dasu/CGGC/MW-02/cad/22-336	Notice of Claim Due to Mud Flood in Uchar Nullah	
132.	15.08.22	DHC/Dasu/CGGC/MW-02/TNK/22-337	GIS Access Tunnel Geological Mapping from Sta.0+000 to Sta.0+120.MW-02	
133.	16.08.22	DHC/Dasu/CGGC/MW-02/ys/22-338	Water Level Discharge Curve and Geological Exploration Data at Tailrace Outlet Area.MW-02	
134.	16.08.22	DHC/Dasu/CGGC/MW-02/tnk/22-339	Main Access Tunnel Geological Mapping from Sta.0+150 to Sta.0+963.MW-02	
135.	17.08.22	DHC/Dasu/CGGC/MW-02/PM/22-340	Suspension of Work Due to Contractors Failure to Ensure Safe Working Conditions.Part-2.MW-02	
136.	18.08.22	DHC/Dasu/CGGC/MW-02/ra/22-341	Issue of Construction Drawing for MW-02	
137.	20.08.22	DHC/Dasu/CGGC/MW-02/ohs/22-342	Document Transmittal Form	
138.	19.08.22	DHC/Dasu/CGGC/MW-02/td/22-343	Issue of Construction Drawing for MW-02	
139.	20.08.22	DHC/Dasu/CGGC/MW-02/TNK/22-346	Connection Tunnel CT-02 Geological Mapping from Sta.0+000 to Sta. 0+050	
140.	23.08.22	DHC/Dasu/CGGC/MW-02/Ks/22-347	Submission of Specification and Construction Drawing of Surge Chamber Gantry Crane	
141.	23.08.22	DHC/Dasu/CGGC/MW-02/td/22-348	Issue of Construction Drawing for MW-02	
142.	23.08.22	DHC/Dasu/CGGC/MW-02/MW0IS/22-349	Cooperation with other Contractors CGGC- CCECC	
143.	23.08.22	DHC/Dasu/CGGC/MW-02/MW0IS/22-350	Competent Lead Mechanic CV Submission of Mr. He Min	
144.	23.08.22	DHC/Dasu/CGGC/MW-02/MW0IS/22-351	Execution of MW-02 Works while under suspension of all site activities	
145.	23.08.22	DHC/Dasu/CGGC/MW-02/MW0IS/22-352	Response to the removal of Spoil Material NGF Switch yard (Day work order)	
146.	25.08.22	DHC/Dasu/CGGC/MW-02/ks/22-353	Technical Proposal for Time-of-Flight Diffraction (TOFD) in Lieu of Radiography Testing (HSS)	
147.	29.08.22	DHC/Dasu/CGGC/MW-02/ks/22-354	Day work Order to Clean Existing KKH from CR9 up to check Post nearby the Tailrace Outlet	
2.8 Dasu-LBRV-11				
Dasu Office				
148.	01.08.22	DHC/Dasu/ZEGL/LBRV-11/you/22-066	Construction Repair Works Required on Various Posts in Camps.LBRV-11	
149.	02.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-067	Recovery of Outstanding Advance Payment.LBRV-11	
150.	02.08.22	DHC/Dasu/ZEGL/LBRV-11/you/22-068	Deficiency of Services Electronic Item Required LBRV-11	
151.	05.08.22	DHC/Dasu/ZEGL/LBRV-11/you/22-069	Move of Foreigners to Komila Dasu Market.LBRV-11	
152.	09.08.22	DHC/Dasu/ZEGL/LBRV-11/you/22-070	Coordination Meeting Security Related Aspects.LBRV-11	
153.	10.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-071	Erosion of Construction Material and Damage of Contractors Camp Due to Heavy Rainfall & Flood in River Indus.LBRV-11	
154.	10.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-072	Request to Submit the Requisite Record for the Evaluation of Contractors Prolongation Cost Claim.LBRV-11	
155.	10.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-073	Consultation Meeting to Discuss the Contractors Cost Claim on Account of Omission of Non-Handed Overs Sites.LBRV-11&12	
156.	13.08.22	DHC/Dasu/ZEGL/LBRV-11/kan/22-076	Reminder Letter and Request for Omission of Public Structures from the Ambit of LBRV-11	
157.	18.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-077	Meeting to Discuss the Mode of Recovery of Advance Payment.LBRV-11&12	
158.	18.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-079	VO-004-Vatiation Regarding Omission of Non Handed Over Resettlement Sites.LBRV-11	
159.	18.08.22	DHC/Dasu/ZEGL/LBRV-11/cad/22-080	Extension of Advance Guarantee.LBRV-11	
2.9 Dasu LBRV-12				
Dasu office				
160.	02.08.22	DHC/Dasu/ZEGL/LBRV-12/cad/22-039	Recovery of Outstanding Advance Payment.LBRV-12	
161.	09.08.22	DHC/Dasu/ZEGL/LBRV-12/you/22-040	Coordination Meeting Security Related Aspects.LBRV-12	
162.	10.08.22	DHC/Dasu/ZEGL/LBRV-12/cad/22-041	Erosion of Construction Material and Damage of Contractors Camp Due to Heavy Rainfall & Flood in River Indus.LBRV-12	
163.	18.08.22	DHC/Dasu/ZEGL/LBRV-12/cad/22-043	Extension of Advance Guarantee.LBRV-12	
2.11 Dasu-PCI-01R				
Dasu Office				
164.	01.08.22	DHC/Dasu/CGICOP/PCI-01R/PLS/22-207	Submission of Revised Schedule for PCI-01R	
165.	02.08.22	DHC/Dasu/CGICOP/PCI-01R/you/22-208	Deficiency of Services Electronic Item Required	
166.	04.08.22	DHC/Dasu/CGICOP/PCI-01R/mrz/22-209	Request for Manufacturer Approval of MS Pan Power International and MS Hammad Engineering Company for 200 Kva and 400 Kva Pad Mounted Transformers.PCI-01R	
167.	04.08.22	DHC/Dasu/CGICOP/PCI-01R/mrz/22-210	Pending Procurement of WAPDA Project Office.PCI-01R	

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Sr. No	Date	Letter No.	Subject	Remarks
168.	04.08.22	DHC/Dasu/CGICOP/PCI-01R/mrz/22-211	Procurement of Cable and Conductors.PCI-01R	
169.	04.08.22	DHC/Dasu/CGICOP/PCI-01R/mrdd22-212	Outstanding Works and Delay in Submission of Shop Drawings for Elevator (Lift) Steel Cover for Drainage Pipe and Electric Cable in Project Office Building	
170.	05.08.22	DHC/Dasu/CGICOP/PCI-01R/mrdd22-213	Progress Review Minutes of Meeting Held dated 27th July 2022.PCI-01R	
171.	05.08.22	DHC/Dasu/CGICOP/PCI-01R/you/22-214	Move of Foreigners to Komila Dasu Market.PCI-01R	
172.	06.08.22	DHC/Dasu/CGICOP/PCI-01R/kan/22-215	Instruction to Commence The Varied Works of Slope Protection at Choochang-1 Resettlement Village Site.PCI-01R	
173.	09.08.22	DHC/Dasu/CGICOP/PCI-01R/you/22-216	Coordination Meeting Security Related Aspects.PCI-01R	
174.	13.08.22	DHC/Dasu/CGICOP/PCI-01R/snr/22-217	Notice for Delay in Provision of Glass Wall for Partition into the Washroom Area of the Residence Category-1,2, & 3.PCI-01R	
175.	17.08.22	DHC/Dasu/CGICOP/PCI-01R/kan/22-218	Progress Review Minutes of Meeting Held dated 6th August 2022.PCI-01R	
176.	18.08.22	DHC/Dasu/CGICOP/PCI-01R/cad/22-219	-Extension of Contractors All Risk (CAR) Insurance Policy (CPM) Insurance Policy and Workmen's Compensation Insurance Policy.PCI-01R	
177.	20.08.22	DHC/Dasu/CGICOP/PCI-01R/snr/22-220	Request for Review and Approval of Cooking Range of 3 Burners BOQ Item B-1-1(V)14.PCI-01R	
178.	23.08.22	DHC/Dasu/CGICOP/PCI-01R/snr/22-222	Cracked Wooden Door.PCI-01R	
179.	25.08.22	DHC/Dasu/CGICOP/PCI-01R/infra/22-223	Response to Provision of Access to Site for the Construction of Water Supply System from Indus River to Colony	
180.	25.08.22	DHC/Dasu/CGICOP/PCI-01R/cad/22-224	VO-014- Supplying and Installation of False Ceiling Lights in Project Office Building Complete in all Respect	
181.	26.08.22	DHC/Dasu/CGICOP/PCI-01R/infra/22-225	Expansion Joint Cover in the Project Office Roof	
2.12 Dasu RV				
Dasu Office				
182.	04.08.22	DHC/Dasu/KGL/RV/PLS/22-056	Submission of Revised Programme Schedule for Extension of Time (EOT) of RV	
183.	10.08.22	DHC/Dasu/KGL/RV/PLS/22-057	Prolongation and Idle Cost Claim. RV	
2.13 EM-01				
Dasu Office				
184.	01.08.22	DHC/Dasu/GEPC/EM-01/cad/22-233	Temporary Storage Requirement for Equipment.EM-01	
185.	02.08.22	DHC/Dasu/GEPC/EM-01/ys/22-237	Response to Submission of Architectural and Structural Drawings of Buildings EM-01	
186.	03.08.22	DHC/Dasu/GEPC/EM-01/cad/22-238	Import Process Confirmation Request	
187.	03.08.22	DHC/Dasu/GEPC/EM-01/cad/22-239	Provision of 6 No. Vehicles (Pick-up 4x4 Double Cabin) for the Employer's and the Project Manager's Staff	
188.	04.08.22	DHC/Dasu/GEPC/EM-01/cad/22-240	Unit-3 Draft Tube Elbow & Diffusor Quality Documents & Permission to Deliver	
189.	04.08.22	DHC/Dasu/GEPC/EM-01/cad/22-241	Unit-3 Rotor Supporting Tool Quality Documents & Permission to Deliver	
190.	04.08.22	DHC/Dasu/GEPC/EM-01/cad/22-242	Joint Site Visit for Finalization of Temporary Storage Space	
191.	03.08.22	DHC/Dasu/GEPC/EM-01/ys/22-243	Response to Submission of Structural Drawings of Buildings	
192.	05.08.22	DHC/Dasu/GEPC/EM-01/cad/22-245	U3 U2 U1 Comment Piping Quality Document and Permission to Deliver	
193.	05.08.22	DHC/Dasu/GEPC/EM-01/you/22-246	-Move of Foreigners to Komila Dasu Market.EM-01	
194.	08.08.22	DHC/Dasu/GEPC/EM-01/cad/22-247	Clarification on Inspection Certificate Issued by the Employer.EM-01	
195.	09.08.22	DHC/Dasu/GEPC/EM-01/you/22-248	Coordination Meeting Security Related Aspects.EM-01	
196.	12.08.22	DHC/Dasu/GEPC/EM-01/pls/22-249	Reply on Submission of Updated Program of Performance V4.0.EM-01	
197.	13.08.22	DHC/Dasu/GEPC/EM-01/sn/22-250	Revised Schematic Diagram of Transformer Oil Handling System	
198.	13.08.22	DHC/Dasu/GEPC/EM-01/sn/22-251	Reply to DHC Letter No.21.093 Detail Locations of Unit Cooling Water System Expansion Tanks	
199.	13.08.22	DHC/Dasu/GEPC/EM-01/sn/22-252	Reply for Francis Turbine Runner FEA Calculation Report of Runner Fatigue for Approval	
200.	15.08.22	DHC/Dasu/GEPC/EM-01/sn/22-253	Re-Submission Generator Fire Fighting P&ID and Design Memo.EM-01	
201.	15.08.22	DHC/Dasu/GEPC/EM-01/ sn/22-254	Customer Clarification for the Water pressure of Generator Fire Protection System & the Color of Generator Operation Indicator Lamp.	
202.	18.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-257	Proposal to Add Supplier Into Vendor List for Turbine Shaft.	
203.	18.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-258	Proposal to Add Supplier into Vendor List for Guide Vanes.	
204.	18.08.22	DHC/Dasu/GEPC/EM-01/ sn/22-259	Reply for Basic Design Distributor Layout Drawing Submission for Approval.EM-01	
205.	18.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-260	Clarification on Inspection Certificate Issued by the Employer.	
206.	18.08.22	DHC/Dasu/GEPC/EM-01/ sn/22-261	Dasu Generator FE Calculation Report of Stator Frame Upper Bracket Generator Load on Foundation for Approval.	
207.	22.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-263	Submission of Revised Master List.	
208.	22.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-264	Submission of Contractors Dispute Board (DB) Member for Approval.	
209.	22.08.22	DHC/Dasu/GEPC/EM-01/ sn/22-265	Resubmission Control System Drawings & KKs Numbering Rules.	
210.	22.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-266	Effective Management of Incoming and Outgoing Correspondence.	

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Appendix E [22/22]

Sr. No	Date	Letter No.	Subject	Remarks
211.	22.08.22	DHC/Dasu/GEPC/EM-01/ cad/22-267	Request for Consent to Subcontractor 765KV GIS and GIL.	
212.	22.08.22	DHC/Dasu/GEPC/EM-01/ sn/22-268	Reply Letter sn22-142 and Submit the CSCS Architecture Diagram and Design Memo for Execution.EM-01	
213.	23.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-270	Request to Coordinate with Locals to Resume the Work at EM-01 Site Camp	
214.	23.08.22	DHC/Dasu/GEPC/EM-01/ /sn/22-271	Reply for Discharge Calculation Submission for Approval.EM-01	
215.	23.08.22	DHC/Dasu/GEPC/EM-01/ /sn/22-272	Reply Letter sn22-168 and Resubmission the Turbine Instrument List.EM-01	
216.	25.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-275	Notice of Claim due to ROW (Right of Way) Issue at EM-01 Site Camp Construction	
217.	25.08.22	DHC/Dasu/GEPC/EM-01/ /sn/22-276	Reply for 175-30.06.22-Modification the Doc. Status of Generator PID.EM-01	
218.	25.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-277	Provision of 6 No. Vehicles (Pick-up 4x4 Double Cabin) for the Employer's and the Project Manager's Staff	
219.	30.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-279	Submission of Cargo Insurance Documents for First Batch of Equipment	
220.	30.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-280	General Layout of the Project to NTDC	
221.	30.08.22	DHC/Dasu/GEPC/EM-01/ /sn/22-281	GE Reply for 136-02.06.22 Lower Bracket FE Calculation Report and Detail Drawing of Upper Shaft	
222.	31.08.22	DHC/Dasu/GEPC/EM-01/ /cad/22-283	Clarification on Inspection Certificate Issued by the Employer	
223.	31.08.22	DHC/Dasu/GEPC/EM-01/ /Ys/22-284	Detailed Security Requirements for EM-01 Camp	
2.14 LADP RB-14				
Dasu Office				
224.	19.08.22	DHC/Dasu/IKAN/RB-14/mfn/ 22-019	Prolongation & Idling Cost Claims of EOT-1 and EOT-2	
2.15 Dasu LADP-MI-1				
Dasu Office				
225.	03.08.22	DHC/Dasu/KGL/MI-1/njm/22-059	Repair of Doors and Paint work and Overhead water tank	
226.	08.08.22	DHC/Dasu/KGL/MI-1/mfn/22 -060	LADP-RHC-Taking Over of Completed Blocks	
227.	10.08.22	DHC/Dasu/KGL/MI-1/mfn/22 -062	LADP-RHC-Monthly Progress Report	
2.15 Dasu LADP-MI-2				
Dasu Office				
228.	03.08.22	DHC/Dasu/KGL/MI-2/njm/22-028	Roof Treatment	
229.	03.08.22	DHC/Dasu/KGL/MI-2/njm/22-029	Approval of Samples	
230.	06.08.22	DHC/Dasu/KGL/MI-2/mfn/ 22-030	LADP-JMK-Monthly Progress Report	
231.	08.08.22	DHC/Dasu/KGL/MI-2/mfn/ 22-031	LADP-JMK-Early Warning under GCC Clause-31	
232.	17.08.22	DHC/Dasu/KGL/MI-2/mfn/ 22-032	LADP-JMK-Shifting of Resources	
2.16 Dasu LADP SA-01				
Dasu Office				
233.	02.08.22	DHC/Dasu/KGL/SA-01/zia/ 22-055	Rate Analysis for (RCC 1:2:4), Sanitation and Sewerage System for Komila and Dasu (SA-01)	
234.	10.08.22	DHC/Dasu/KGL/SA-01/mfn/ 22-057	LADP-SSKD-Utilization of Advance Payment	
235.	12.08.22	DHC/Dasu/KGL/SA-01/zia/ 22-059	LADP-SSKD-Layout Plan of Concrete Slab and Concrete Pit	
236.	14.08.22	DHC/Dasu/KGL/SA-01/mfn/ 22-060	LADP-SSKD-Non Compliance with Project Managers Instructions	
237.	16.08.22	DHC/Dasu/KGL/SA-01/mfn/ 22-061	LADP-SSKD-Submission of Weekly and Monthly Progress Report	
238.	19.08.22	DHC/Dasu/KGL/SA-01/mfn/ 22-062	Meeting With Managing Director of MS Khyber Grace (Pvt.) Limited SA-01	
239.	29.08.22	DHC/Dasu/KGL/SA-01/mfn/ 22-063	Precast Concrete Slab	
2.17 Dasu LADP PKG-01				
Dasu Office				
1.	03.08.22	DHC/Dasu/IKAN/PKG-01/ ahs/ 22-018	Presence of ESHS Officer at Site	
2.	08.08.22	DHC/Dasu/IKAN/PKG-01/ mfn/ 22-019	LADP-PKG-01-Contractors Project Manager	
3.	17.08.22	DHC/Dasu/IKAN/PKG-01/ mfn/ 22-020	LADP-PKG-01-Stoppage of Works at Dong Nullah Road	
4.	17.08.22	DHC/Dasu/IKAN/PKG-01/ mfn/ 22-021	LADP-PKG-01-Contractors Project Manger	
5.	26.08.22	DHC/Dasu/IKAN/PKG-01/ njm/ 22-022	Stoppage of Work at Dong Nullah Road	

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	Duration	IPC number	IPC's Issued Date	Amount Certified		Due Date
					Local Currency	Foreign Currency	
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	23-June-2017 to 22-April-2018	2	11-Jul-18	129,457,263	1,384,020.74	17-Aug-18
3	03-Jan-19	22-April-2018 to 22-Nov-2018	3	09-Jan-19	88,936,900	997,133.73	28-Feb-19
4	09-Jun-19	22-Nov-2018 to 22-April-2019	4	04-Jul-19	76,716,800	732,093.22	04-Aug-19
5	25-Jul-19	22-April-2019 to 22-June-2019	5	18-Aug-19	145,629,996	1,363,149.96	19-Sep-19
6	26-Sep-19	22-June-2019 to 22-Aug-2019	6	23-Oct-19	248,905,635	2,214,513.54	21-Nov-19
7	10-Dec-19	22-Aug-2019 to 31-Oct-2019	7	06-Jan-20	629,914,484	5,895,127.76	04-Feb-20
8	10-Feb-20	31-Oct-2019 to Dec-2019	8	27-Feb-20	206,824,646	1,757,372.29	06-Apr-20
9	06-Apr-20	Dec-2019 to Feb-2020	9	04-May-20	365,752,539	3,245,285.91	01-Jun-20
10	13-Jun-20	Feb-2020 to April-2020	10	11-Jul-20	382,303,496	2,880,146.95	08-Aug-20
11	05-Aug-20	April-2020 to June-2020	11	02-Sep-20	252,654,881	2,252,835.97	30-Sep-20
12	16-Sep-20	June-2020 to Aug-2020	12	09-Oct-20	458,055,284	3,898,125.46	11-Nov-20
13	12-Nov-20	Aug-2020 to Oct-2020	13	10-Dec-20	521,447,309	4,746,372.92	07-Jan-21
14	16-Dec-20	Oct-2020 to Nov-2020	14	12-Jan-21	109,355,876	1,157,321.96	10-Feb-21
15	18-Jan-21	Nov-2020 to Dec-2020	15	12-Feb-21	158,129,043	1,570,752.84	15-Mar-21
16	23-Feb-21	Dec-2020 to Jan-2021	16	19-Mar-21	336,954,470	2,658,901.26	20-Apr-21
17	16-Apr-21	Jan-2021 to March-2021	17	04-May-21	407,082,473	8,331,836.66	11-Jun-21
18	20-May-21	March-2021 to April-2021	18	14-Jun-21	762,466,613	6,311,057.52	15-Jul-21
19	21-Jun-21	April-2021 to May-2021	19	14-Jul-21	425,023,542	4,493,780.63	16-Aug-21
20	26-Jul-21	May-2021 to June-2021	20	19-Aug-21	226,133,481	2,044,283.79	20-Sep-21
21	25-Aug-21	June-2021 to July-2021	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

Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50) 14,450,077,928 142,415,206.94
Total Amount Certified including LC & FC (Rs.) 29,303,984,011.84
Accepted Contract Amount 115,003,461,240
Disbursement Progress with respect to ACA 25.48%

Details of Interim Payment Certificates of MW-02 – Contractor CGGC							
Sr. No.	Application Received	Duration	IPC number	IPC's Issued Date	Amount Certified		Due Date
					Local Currency	Foreign Currency	
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
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

Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50) 5,533,977,730 47,718,010.44
Total Amount Certified including LC & FC (Rs.) 10,510,966,218.89
Accepted Contract Amount 64,426,426,087
Disbursement Progress with respect to ACA 16.31%

Details of Interim Payment Certificates of EM-01 – Contractor GE-PC JV							
Sr. No.	Application Received	Duration	IPC number	IPC's Issued Date	Amount Certified		Due Date
					Local Currency	Foreign Currency	
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
2	17-Feb-22		(Adv. Pay)	25-Mar-22	480,570,192		

Total Amount in LC & FC 480,570,192 25,320,000
Accepted Contract Amount 25,471,001,920 243,984,000
Disbursement Progress with respect to ACA 2% 10%

Details of Interim Payment Certificates of PCI-01R – Contractor CGCIOP							
Sr. No.	Application Received	Duration	IPC number	IPC's Issued Date	Amount Certified		Due Date
					Local Currency	Foreign Currency	
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

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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
31	05-Jul-22		32	01-Aug-22	67,779,223	119,945.64	30-Aug-22

Total Amount in LC & FC (1USD = 105.55 PKR) (LC 70: FC 30) 1,931,346,446 6,365,205
 Total Amount Certified including LC & FC (Rs.) 2,603,193,803
Accepted Contract Amount 4,900,000,009
Disbursement Progress with respect to ACA 53.13%

Details of Interim Payment Certificates of KKH-01 – Contractor CCECC

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		Due Date
				Local Currency	Foreign Currency	
1	07-Apr-15	1 (Adv. Pay)	10-Apr-15	2,176,756,967	7,257,158.00	01-May-15
2	25-Oct-16	2	05-Nov-16	116,085,061	384,408.90	20-Dec-16
3	20-Mar-17	3	21-Mar-17	115,271,179	384,306.16	15-May-17
4	07-Oct-17	4	09-Oct-17	163,673,731	537,714.66	02-Dec-17
5	02-Jan-18	5	15-Jan-18	140,213,172	467,461.04	27-Feb-18
6	29-Apr-18	6	16-May-18	112,700,084	375,734.32	24-Jun-18
7	13-Jun-18	7	09-Jul-18	137,477,799	294,116.50	08-Aug-18
8	18-Aug-18	8	12-Sep-18	83,900,536	248,588.91	13-Oct-18
9	20-Oct-18	9	07-Nov-18	115,514,185	327,895.98	15-Dec-18
10	22-Dec-18	10	02-Jan-19	54,277,538	153,159.67	16-Feb-19
11	29-Jan-19	11	13-Feb-19	117,014,088	295,608.67	26-Mar-19
12	28-Apr-19	12	13-May-19	83,570,086	218,018.53	23-Jun-19
13	01-Jul-19	13	12-Jul-19	111,832,242	262,033.71	26-Aug-19
14	26-Aug-19	14	13-Sep-19	186,836,976	487,212.82	21-Oct-19
15	24-Nov-19	15	22-Dec-19	60,357,019	167,948.08	19-Jan-20
16	17-Feb-20	16	13-Mar-20	80,325,069	188,092.50	13-Apr-20
17	31-Mar-20	17	28-Apr-20	103,054,752		26-May-20
18	03-Jul-20	18	27-Jul-20	117,062,441	299,271.45	28-Aug-20
19	03-Oct-20	19	30-Oct-20	541,814,894	244,433.16	28-Nov-20
20	10-Nov-20	20	07-Dec-20	126,355,008	161,772.28	05-Jan-21
21	04-Mar-21	21	02-Apr-21	89,700,027	217,810.42	29-Apr-21
22	30-Apr-21	22	30-May-21	218,335,017	131,214.31	25-Jun-21
23	17-Jul-21	23	14-Aug-21	123,748,647	1,564.06	11-Sep-21
24	19-Oct-21	24	16-Nov-21	148,233,396		14-Dec-21
25	22-Feb-22	25	21-Mar-22	46,553,333	388,294.83	19-Apr-22
26	19-Jun-22	27	21-Jun-22	3,351,431,289	11,173,440.91	10-Jul-22
27	19-Jul-22	26	12-Aug-22	22,894,416	2,136,987.46	13-Sep-2022

Total Amount in LC & FC (1USD=100.73PKR) (LC74.86:FC25.14) 6,568,231,985 26,804,247
 Total Amount Certified including LC & FC (Rs.) 9,268,223,819
Accepted Contract Amount 14,538,852,307
Disbursement Progress with respect to ACA 63.75%

Details of Interim Payment Certificates of KKH-02 – Contractor CGGC

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		Due Date
				Local Currency	Foreign Currency	
1	20-May-17	1 (Adv. Pay)	22-May-17	2,146,910,052	10,590,008	12-Jun-17

Total Amount in LC & FC (1USD = 104.445 PKR) (LC 60:FC 40) 2,146,910,052 10,590,008
 Total Amount Certified including LC & FC (Rs.) 3,252,983,437.56
Accepted Contract Amount 16,264,917,100
Disbursement Progress with respect to ACA 20.00%

Details of Interim Payment Certificates of RAR-01 – Contractor CCECC

Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified		Due Date
				Local Currency	Foreign Currency	
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

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9	19-Oct-18		9	06-Nov-18	27,200,193	115,728.00	14-Dec-18
10	22-Feb-19		10	27-Feb-19	18,068,304	76,874.00	19-Apr-19
11	13-May-19		11	30-May-19	18,051,845	76,804.00	08-Jul-19
12	12-Jul-19		12	02-Aug-19	15,616,281	66,441.90	06-Sep-19
13	29-Sep-19		13	23-Oct-19	14,343,099	61,024.94	24-Nov-19
14	25-Jan-20		14	22-Feb-20	15,400,368	65,523.26	21-Mar-20
15	04-Apr-20		15	01-May-20	22,964,734	87,258.28	30-May-20
16	25-May-20		16	22-Jun-20	37,010,549	157,467.13	20-Jul-20
17	01-Jul-20		17	25-Jul-20	22,836,053	97,159.54	26-Aug-20
18	30-Jul-20		18	27-Aug-20	33,569,813	86,410.44	24-Sep-20
19	09-Sep-20		19	03-Oct-20	36,443,023	155,052.49	04-Nov-20
20	24-Oct-20		20	20-Nov-20	82,520,944	351,098.18	19-Dec-20
21	04-Dec-20		21	31-Dec-20	44,545,575	189,526.09	29-Jan-21
22	29-Dec-20		22	25-Jan-21	47,609,910	202,563.76	23-Feb-21
23	03-Mar-21		23	31-Mar-21	13,481,331	57,358.41	28-Apr-21
24	23-Apr-21		24	19-May-21	28,305,821	100,414.10	18-Jun-21
25	08-Jun-21		25	06-Jul-21	35,431,501	148,527.77	03-Aug-21
26	10-Aug-21		26	05-Sep-21	17,707,706	75,340.18	05-Oct-21
27	15-Oct-21		27	07-Nov-21	17,127,417	72,871.15	10-Dec-21
28	24-Dec-21		28	08-Jan-22	25,132,074	106,928.19	18-Feb-22
29	14-Feb-22		29	07-Mar-22	59,115,357	294,753.05	11-Apr-22
30	04-Apr-22		30	21-Apr-22	58,643,597	249,508.29	30-May-22
31	21-Jun-22		31	05-Jul-22	29,871,706	124,079.66	16-Aug-22
32	04-Aug-22		32	09-Aug-22	51,238,120	207,000.99	29-Sep-22

Total Amount in LC & FC (1USD=100.73PKR) (LC70:FC30) 1,334,741,832 5,605,309
Total Amount Certified including LC & FC (Rs.) 1,899,364,637
Accepted Contract Amount 2,713,972,595
Disbursement Progress with respect to ACA 69.98%

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
1	08-Mar-22	2	04-Apr-22	12,351,687	58,456.46	25-Apr-22

Total Amount in LC & FC (1USD = 104.445 PKR) (LC 60: FC 40) 845,880,550 4,052,449
Total Amount Certified including LC & FC (Rs.) 1,269,138,633.85
Accepted Contract Amount 6,253,407,194
Disbursement Progress with respect to ACA 20.30%

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
	03-Feb-18	2018/01	07-Feb-18	8,312,535		20-Mar-18
17	04-Apr-18	2018/02	06-Apr-18	32,121,568		19-May-18
18	07-May-18	2018/03	08-May-18	11,485,439	32,729.72	21-Jun-18
19	15-Aug-18	2018/04	16-Aug-18	6,252,657		29-Sep-18
20	12-Sep-18	2018/05	25-Sep-18	15,914,034		27-Oct-18
21	23-Oct-18	2018/06	24-Oct-18	16,345,769		07-Dec-18
22	01-Nov-18	2018/07	07-Nov-18	24,631,750		16-Dec-18
23	04-Dec-18	2018/08	08-Dec-18	7,376,449	4,675.67	18-Jan-19
24	08-Jan-19	2018/09	09-Jan-19	44,412,888		22-Feb-19
25	18-Feb-19	2019/01	21-Feb-19	19,061,264		04-Apr-19
26	06-Apr-19	2019/02	06-Apr-19	20,399,754	6,172.99	21-May-19
27	04-May-19	2019/03	06-May-19	9,149,766		18-Jun-19
28	15-Jun-19	2019/04	21-Jun-19	7,950,672		30-Jul-19
29	22-Jul-19	2019/05	25-Jul-19	8,566,498		05-Sep-19
30	02-Sep-19	2019/06	11-Sep-19	14,717,898		17-Oct-19
31	10-Oct-19	2019/07	16-Oct-19	10,560,040		24-Nov-19
32	08-Nov-19	2019/08	12-Nov-19	21,865,545		23-Dec-19
33	21-Nov-19	2019/09	27-Nov-19	14,948,404		05-Jan-20
34	13-Dec-19	2019/10	17-Dec-19	9,763,128		27-Jan-20
35	13-Jan-20	35	16-Jan-20	6,289,821		27-Feb-20
36	05-Feb-20	36	15-Feb-20	8,269,057		21-Mar-20
37	08-Mar-20	37	11-Mar-20	16,622,182		22-Apr-20
38	12-Apr-20	38	17-Apr-20	14,685,515		27-May-20
39	06-May-20	39	11-May-20	8,674,392		20-Jun-20
40	20-Jun-20	40	29-Jun-20	11,492,085		04-Aug-20
41	14-Jul-20	41	16-Jul-20	17,479,360		28-Aug-20
42	28-Aug-20	42	28-Aug-20	15,535,731	641,006.25	12-Oct-20
43	12-Sep-20	43	16-Sep-20	22,738,054		27-Oct-20
44	29-Oct-20	44	03-Nov-20	18,357,848		13-Dec-20
45	13-Nov-20	45	18-Nov-20	79,002,100		28-Dec-20
46	22-Dec-20	46	28-Dec-20	18,101,938	12,934.08	05-Feb-21

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Appendix F [4/4]

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

Total Amount in LC & FC 1,439,016,801 **1,307,509**
Accepted Contract Amount Rs **1,583,325,237** \$ **2,017,927**
Disbursement Progress with respect to ACA **91%** **65%**
Total Contract Amount (Rs.) **1,785,117,937**

Details of Interim Payment Certificates of RV – Contractor KGL							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			Due Date
				Local Currency	Foreign Currency		
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	

Total Amount in LC 265,085,736 =
Total Amount Certified (Rs.) 265,085,736.00
Accepted Contract Amount **654,815,181**
Disbursement Progress with respect to ACA **40.48%**

Details of Interim Payment Certificates of LBRV-11 – Contractor M/s Zongmei							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			Due Date
				Local Currency	Foreign Currency		
1	23-Jun-17	1 (Adv. Pay)	04-Jul-17	83,204,565	1,343,848	25-Jul-17	
2	02-Jul-19	2	27-Jul-19	10,967,224	244,073.58	27-Aug-19	
2	18-Oct-19	3	18-Oct-19	5,704,559	126,953.95	13-Dec-19	
4	01-Feb-20	4	10-Feb-20	7,097,482	157,953.19	28-Mar-20	
5	30-Apr-20	5	12-May-20	8,413,484	187,240.57	25-Jun-20	
6	20-Sep-20	6	06-Oct-20	14,612,501	315,475.78	15-Nov-20	
7	29-Dec-20	7	23-Jan-21	6,767,978	150,620.15	23-Feb-21	
8	06-May-21	8	03-Jun-21	8,090,729	127,265.24	01-Jul-21	
9	24-Nov-21	9	20-Dec-21	29,671,210	101,302.52	19-Jan-22	
10	31-Dec-21	10	24-Jan-22	59,080,621	172,441.90	25-Feb-22	
11	13-Apr-22	11	27-Apr-22	58,760,674	94,065.32	08-Jun-22	

Total Amount in LC & FC (1USD = 104.8462 PKR) 292,371,027 **2,927,175**
(LC 30:FC 70)
Total Amount Certified including LC & FC (Rs.) 599,274,189.90
Accepted Contract Amount **1,120,509,415**
Disbursement Progress with respect to ACA **53.48%**

Details of Interim Payment Certificates of LBRV-12 – Contractor M/s Zongmei							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			Due Date
				Local Currency	Foreign Currency		
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	6,150,253.00	25-Jul-22	

Total Amount in LC & FC (1USD = 104.8462 PKR) 182,224,542 **8,454,601**
(LC 30:FC 70)
Total Amount Certified including LC & FC (Rs.) 1,068,657,358.72
Accepted Contract Amount **1,016,820,466**
Disbursement Progress with respect to ACA **105.10%**

Details of Interim Payment Certificates of RBRV-11 – Contractor M/s CR17B							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			Due Date
				Local Currency	Foreign Currency		
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) 54,937,530 **182,814**
(LC 70:FC 30)
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	Contractor's Submission Dated	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	18-Jun-17	1st Interim Claim - [282 days - Cutoff date 31-May-2016]	728,709,218		-		Contractor's submission, in general, failed to provide the adequate particulars in support of his claims. The Submission provides Expense records only. <i>DHC letter - dated 20-07-2017 (Ref:016)</i>
		29-Jun-17	2nd Interim Claim - [1-Jun-2016 to 20-Feb-2017]	805,002,898		-		
		28-Jul-17	3rd Interim Claim - [21-February-2017 to 30-June-2017]	359,473,276		-		Resubmit after thoroughly reviewing the comments already provided by the Engineer and resubmit. The Submission provides Expense records only. <i>DHC letter - dated 09-08-2017 (Ref:025)</i>
		09-Oct-17	4th Interim Claim - [July-2017 to Aug-2017]	171,379,349		-		This submission also does not address the fundamental issues identified in our responses. The Submission provides Expense records only. <i>DHC letter - dated 7-11-2017 (Ref:117)</i>
		09-Nov-17	5th Interim Claim - [Sep-2017 to Oct-2017]	127,618,066		-		Review of these Interim Claims indicates that these submission not address the fundamental issues identified in our responses.
		06-Apr-18	6th Interim Claim - [Nov-2017 to Feb-2018]	391,345,983		-		The Submission provides Expense records only. <i>DHC letter - dated 22-02-2018 (Ref:040)</i>
		22-Oct-18	7th interim claim - [Mar-18 to Aug-18]	658,124,436		-		This submission also does not address the fundamental issues identified in our responses. The Submission provides Expense records only.
		14-Jan-19	8th interim claim - [Sep-18 to Nov-18]	300,298,325				Engineer's commented on Contractor's submission. The Submission provides Expense records only. <i>DHC letter - dated 6-May-2019 (Ref:129)</i>
		30-Apr-19	9th interim claim - [Dec-18 to Mar-19]	394,433,776				Engineer's commented on Contractor's submission. The Submission provides Expense records only. <i>DHC letter - dated 6-May-2019 (Ref:129)</i>
		21-Sep-19	10th interim claim - [Apr-19 to Jun-19]	299,688,101				The Submission provides Expense records only.
		17-Feb-20	11th interim claim - [July-19 to Dec-19]	539,172,131				The Submission provides Expense records only. <i>DHC letter - dated 13-03-2019 (Ref:059)</i>
		14-Oct-18	Running cost of Dasu office - [Mar 2017 to Aug 2018]	7,836,150		-		The Engineer has asked the Contractor to provide justification for the subject claim.
		13-Aug-18	Cost Claim - Extension of Workman Insurance	6,236,907		5,597,225		The Engineer recommended Interim entitlements of 5,597,225 + tax <i>DHC letter - dated 13-Oct-2018 (Ref:205)</i> . The Employer agreed to include the Claim Cost 5,330,690 excluding the 'Profit' in IPC. (dated Employer's letter 24-03-2020)
		08-Apr-19	Cost Claim - Extension of Works, Equipment and Third party liability Insurances	62,860,388		58,410,095		The Engineer submitted his initial assessment i.e. PKR 58,410,095/- + tax. <i>DHC letter - dated 29-6-2019 (Ref:193)</i> . The Contractor partially agreed with Engineer assessment. The Employer provided MSC's comments. The Engineer's resposne cummunicated to Employer on 26-09-2019 (Ref:323). Awaiting the Employer's Response
		18-May-19	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. <i>DHC letter - dated 1-Jun-2019 (Ref:161)</i> . The Initial assessment of the claim was sent to both parties for their agreement.(dated 23-Dec-2019). Awaiting the Employer's Response
18-Aug-19	Claim for 2nd extension of Workmen Compensation (WC) policy with effect from 1st August 2019 to 31 July 2020			4,265,702		Interim entitlements of PKR 4,265,702/- as actual reimbursement for 2nd extension of WC Insurance policy (1st August 2019 to 31st July 2020) may be agreed. <i>DHC/DASU/WAPDNKKH-01/rar/20-089 dated 21-April-2020.</i> On 27-April-2020, the Contractor agreement subject to certain		

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Appendix G [2/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
								condition was conveyed to the Employer. Awaiting the Employer's Response
2	KKH-01/C-7 Delayed Drawings EOT	19-May-16	Time Extension and Additional Cost Incurred by Delayed Cross Section Drawings					The Engineer asked the contractor to submit full and detailed particulars <i>DHC letter - dated 23-05-2016 (Ref:051)</i> . Contractor's substantiation awaited.
3	KKH-01/C-8 Cost of Damage to Loader	20-Jun-16	Cost details of the lost loader	9,010,118		-		The principle of the Contractor's claim is disapproved. <i>DHC letter - dated 9-Aug-2017.(Ref:028)</i>
4	KKH-01/C-12 Development of Crack near Barseen EOT	31-Aug-16	Time and Cost Incurred by stoppage of work due to development of 40m Crack					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 19-09-2016 (Ref:113)</i> . Contractor's substantiation awaited.
5	KKH-01/C-13 Revised Drawings issuance and Cancellation	27-Dec-16	Time and Cost Incurred due to Delay in Construction, Revised Design and instruction (Km 2+720 to km 7+360)					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 10-01-2017 (Ref:010)</i> . Contractor's substantiation awaited.
6	KKH-01/C-14 Reducing of R.O. W, increase in gradient of slopes and change in alignment	08-Jan-18	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)</i> . Contractor's substantiation awaited
7	KKH-01/C-15 Delays in provision of the NOC required for crushing plant	25-Jan-18	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)</i> . Contractor's substantiation awaited
8	KKH-01/C-16 Vandalization of Contractor's Generator	06-Aug-18	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)</i> . Contractor's substantiation awaited
9	KKH-01/C-17 Claims on account of reduction in rate of work	03-Sep-18	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 (Ref:158)</i> . Contractor's substantiation awaited
10	KKH-01/C-18 Delayed Drawings or Instructions	16-May-19	Stoppage of works at K5+743 and Issuance of revised drawings from K6+500 to K8+500 under the same GC Sub clause i.e. 1.9					<i>DHC letter - dated 20-May-2019 (Ref:152)</i> Contractor's substantiation awaited
11	KKH-01/C-19 Force Majeure-strike by 80 Members Dam Committee	08-Oct-19	Force Majeure that was instigated by the protest of the 80-Member Dam Committee. Works' stoppage period [18 Sep 19 to 4 Oct 19]					<i>DHC letter - dated 12-Oct-2019 (Ref:349)</i> Contractor's substantiation awaited
12	KKH-01/C-20 Interference due to other Employer's Contractor	05-Dec-19	Claim Notification - Delays due to interference from Employer's other Contractor pursuant to Sub-Clauses 2.3, 4.6, 20.1, & 8.4.					<i>DHC letter - dated 14-Dec-2019 (Ref:414)</i> Contractor's substantiation awaited
13	KKH-01/C-21 Claim due to outbreak of -Corina Virus (2019-nCoV)	16-Mar-20	Site progress delay caused by inconvenient material mobilization (Steel), purchasing and other impacting due to 2019-nCoV under GC 19.4, 3.1, 13.7					<i>DHC letter - dated 8-April-2019 (Ref:077) and 24-July-2020 (Ref:167)</i> Contractor's substantiation awaited
14	KKH-01/C-22 Claim due to due to Shortage of Fuel	13-Jun-20	Intention to claim extension of time and additional cost due to shortage of fuel under Sub Clause 8.4 and Sub-Clause 19.4 of General Condition of Contracts.					<i>DHC letter - dated 29-June-2020 (Ref:145)</i> Contractor's substantiation awaited
Total Additional Cost				4,863,526,150	319,282	69,186,492	259,661	
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	17-Jun-17	1st Interim Claim - [282 days - Cutoff date 31-May-2016]	362,635,972		-		The Engineer noted that the Contractor's submission, in general, has failed to provide the adequate particulars in support of his claims such as separation of overheads and site running costs and the links between the standby, plant equipment and manpower and the disruption events that occurred. <i>DHC letter - dated: 20-July-2017 (Ref:008)</i> This submission does not address the fundamental issues identified in our response. <i>The submission provides Expense records only. DHC letter - dated 9th August, 2017 (Ref:019)</i>
		29-Jun-17	2nd Interim Claim - [June-2016 to 21-August-2016]	104,304,865		-		
		28-Jul-17	3rd Interim Claim - [313 Days - Cutoff date 30-June-2017]	362,874,619		-		

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Appendix G [3/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
		09-Oct-17	4th Interim Claim - [July-2017 to Aug-2017]	80,720,143		-		This submission also does not address the fundamental issues identified in our responses. <i>The submission provides Expense records only. DHC letter - dated 7 November, 2017 (Ref:070)</i>
		06-Apr-18	5th Interim Claim - [Sep-2017 to Feb-2018]	235,969,278		-		The Engineer's review indicates that this submission also does not address the fundamental issues identified in our responses. The submission provides Expense records only.
		22-Oct-18	6th interim claim - [Mar-2018 to Aug-2018]	139,562,021		-		This submission also does not address the fundamental issues identified in our responses. The submission provides Expense records only.
		30-Apr-19	7th interim claim - [Sep-2018 to Mar-2019]	260,192,264		-		Engineer's comments on Contractor's submission. The submission provides Expense records only. <i>DHC letter - dated: 6 May 2019 (Ref:075)</i> . Further discussion are in process to formulate methodology.
		06-Oct-19	8th interim claim - [Apr-2018 to Jun-2019]	121,721,922				The submission provides Expense records only.
		13-Jan-19	Price adjustment from Sep 2016 to Sep 2018	15,527,857				The Engineer forwarded his recommendation to the Employer. <i>DHC letter - dated: 20-3-2019 (Ref:049)</i> . The WAPDA agreed in principle, however on basis of actual additional cost instead of using Formulae. The Engineer asked the Contractor to submit detail claim EOT wise (19-Dec-2019).
		04-Aug-18	Reimbursement of Premium- Extension of Workman Insurance	2,873,330		2,578,930		The Engineer recommended Interim entitlements of 2,578,930/- + tax. <i>DHC letter - dated 13-Oct-2018 (Ref:139)</i> The Employer agreed to include the Claim Cost 2,455,838 excludes the 'Profit,' in IPC. (dated Employer's letter 25-03-2020)
		08-Apr-19	2nd Extension of Workman's Insurance	2,851,616		2,649,721		Engineer's assessment shared with both parties for their agreement <i>DHC letter - dated 28-May-2019 (Ref:089&90)</i> . The Contractor partially agreed with Engineer assessment. The Employer has accorded the formal approval as per the insurer verified receipts amounting to PKR 2,523,554/- only [DHC Ref: 115 dated 14-July-2020].
		09-Aug-20	Extension of Workers Compensation (WC) Insurance Policy from 9th March 2020 to 8th March 2021	2,120,993				Engineer will proceed on Contractor's aforementioned submission pursuant to Sub-Clause 3.5 [Determinations], after the 4th Extension of Time (EoT) is accorded by the Employer and/or the Engineer completes its assessment/recommendations on Contractor's Extension of Time submission. [DHC Ref: 138 dated 31-Aug-2020].
		08-Apr-19	Extension of All Risk Insurance Works, Equipment and Third party liability	12,132,400		11,273,469		Engineer's assessment shared with both parties for their agreement <i>DHC letter - dated 28-May-2019 (Ref:089&90)</i> . The Contractor partially agreed with Engineer assessment. The Employer has accorded the formal approval as per the insurer verified receipts amounting to PKR 10,736,637/- only [DHC Ref: 115 dated 14-July-2020].
		18-May-19	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]
2	RAR-01/C-6 Delayed Drawings EOT	19-May-16	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 (Ref:040)</i> .

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Appendix G [4/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
3	RAR-01/C-09 Force majeure linked to massive land sliding at K6.	07-Mar-19	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: 3-8-2019 (Ref:042)</i>
3	RAR-01/C-10 Force Majeure - Heavy Rain	22-Aug-19 27-Aug-19	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>
4	RAR-01/C-11 Force Majeure-strike by 80 Members Dam Committee	08-Oct-19	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> <i>Contractor's substantiation awaited</i>
5	RAR-01/C-12 Claim due to outbreak of .Corina Virus (2019-nCoV)	16-Mar-20	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:063)</i> Dated 24-July-2020 (Ref:124) <i>Contractor's substantiation awaited</i>
6	RAR-01/C-13 Claim due to due to Shortage of Fuel	13-Jun-20	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:104)</i> <i>Contractor's substantiation awaited</i>
Total Additional Cost				1,708,170,290	70,888	18,851,065	60,581	
Details of Claims/Notifications of TL-01 – Contractor PCCC								
1	TL-01/C-1 Idle Cost Claim [Direct Cost]	14-Feb-18	2-Nov-2015 to 31-Dec-2016	7,109,690		3,766,650		Project Manager's Assesment sent to WAPDA. <i>DHC letter - dated: 8-April-18 (Ref:083)</i> . Contractor agreed to PM assessment and Employer's comments. Employer's approval to pay in IPC recieved on 2-8-2019.
		18-Nov-18	1-Jan-2017 to 31-April-2018	2,676,159		1,736,075		Project Manager's Assesment sent to WAPDA. <i>DHC letter - dated 12-Dec-18 (Ref:288)</i> . Contractor agreed to PM assessment and Employer's comments. Employer's approval to pay in IPC recieved on 5-8-2019.
2	TL-01/C-1 Overhead Claim (Management, offices camp etc) - [Indirect Cost]	04-Mar-19	June 2016 to March 2018	161,670,931		74,679,085		PM commented on Contractor's submission. <i>DHC letter - dated 13-May-2019 (Ref:091)</i> The Contractor has provided supplementary supporting documents on 30-6-19 and 17-11-2019. Project Manager's Assesment sent to WAPDA. <i>DHC letter - dated 21-Jan-20 (Ref:010)</i> . Awaiting Employer's response.
		06-Jul-20	June 2016 to December 2019	65,054,640				Under Review by the Project Manager
3	Tentative and Abortive Claim	18-Jul-20	Tentative and Abortive Claim	6,576,022				Review and discussions are going on b/w Contractor and Project Manager
4	TL-01/C-2 Equitable Adjustment EoT	08-Feb-16		18,988,060				Assessment of "No Entitlement" submitted to WAPDA, and suggested to reply to Contractor. <i>DHC letter - dated 23 February 2016 (Ref:061)</i>
5	Reduction in rate of Progress	08-Mar-17	11/10/2016 to 17/02/2017	27,860,000				Explanatory Note submitted to WAPDA for Comments on 29 April 2017 (Ref:009)
6	TL-01/C-7 Care & Custody of Equipment	11-Apr-18	Total Amount for the claim of care and custody of Grid station and TL Equipment from Nov 2017 to 31st March 2018	7,632,186		444,645		Project Manager assessment submitted on 10-Jul-2018 (Ref:158). The Employer agreed with PM Assesment. Same assessement shared with Contractor as consultation process on 16-6-2019. Contractor replied on 12-11-19 and asked for re-assessment. Under review by the Project Manager.
		18-Feb-19	Additional Charges for care & Custody of Grid Station Equipment from April 2018 to Nov 2018	2,393,313		227,025		Project Manager assessment on 3-May-2019 (Ref:082). The Employer has noted some observation on 22-5-19 and asked for re-submission. Resubmission was made by PM on 3-Sep-2019 (182). Same assessement shared with Contractor as consultation process on 30-10-2019. Contractor replied on 12-11-19 and asked for re-assessment. Under review by the Project Manager.

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Appendix G [5/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
7	Extension of Insurance and Guarantee Policies	27-Jul-18	Additional charges - Extension of Insurance and Guarantee Policies	17,395,137		14,948,404		PM recommended that an interim entitlement of 14,948,405 + taxes. Employer agreed except pertaining to taxes. The Employer was apprised of Contractor's position on 6-July-2019. The Contractor has given his unconditional acceptance on 31-10-2019. Employer approval received. Amount certified in IPC No. 2019/09
		27-Jul-2018 15-Nov-2018		23,106,045				
		22-Apr-19		3,187,867				
8	Relocation of Tower route	14-Jan-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	28-Feb-19	Delayed land acquisition and ROW issues					DHC letter - dated 3-March-2019 (Ref:043). Contractor's substantiation awaited.
10	Price Adjustment for Market Inflation	18-Feb-19	Price Adjustment as a result of market inflation during the extended period of work.					PM detailed note sent to WAPDA. DHC letter - dated 16-May-2019 (Ref:095). The WAPDA agreed in principle. The PM asked the Contractor to submit detail claim EOT wise (19-Dec-2019).
11	Redesign and difficulty in execution of Grid Station	22-May-19	Additional cost on account of redesigning of Grid Station. the redesign of terraced type of Grid Station will change the scope of work, and the construction and installation will be more difficult, which will cause the additional cost and time for the Contractor.					PC/Dasusite/TL-01/2019-135 dated 22nd May 2019 PC/Dasusite/TL-01/2019-177 dated 6th July 2019 DHC/DASU/PCCC/TL-01/saj/19-232 dated 6-11-2019 Awaiting for Contractor's detailed submission
12	Change proposal initiated and then Suspended	18-Nov-19	Claim- Design and Procurement Cost for Preparing the Change Proposal(CR-TI-01-001). Establishment of complete 132kV Line Bay at Dubair Khwar switchyard for one circuit including Cut-off-Delivery Point (COP).	695,700	4,094			Change proposal was initiated by Employer in 2015 and suspended by the Employer in 2017. Under discussion and Review by the Project Manager
13	Claim Documentation for Guarantee Charges Before Effective Date	20-Mar-20	Cost of maintenance of guarantees from issue date till to effective date shall be boned by the Employer	1,600,914				Contractor's submission fails to provide relatable minutiae with supporting particulars, substantiating that claim Cost incurred by the Contractor is due to any Employer's default. DHC letter - dated 20-April-2020. The Contractor submitted details on 16-May-2020. Under discussion and Review by the Project Manager
14	Claim for Re-excavation/ Slide Removal from Year 2016-19	01-Apr-20	Due to continuous ROW issues the backfilling activity of the Contractor was interrupted due to change order also. During that period the Contractor backfilling activity was completely stopped. The contractor is submitting claim of re-excavation/ slide removal from year 2016 to 2019.	8,459,812				Under discussion and Review by the Project Manager
15	TL-01/C-08 Outbreak of Corina Virus (2019-nCoV)	02-Apr-20	Notice of 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	10-Apr-20	Notice for Extension in Time due to RoW issue					DHC letter - dated 18-April-2020 Awaiting for Contractor's detailed submssion
Total Additional Cost				344,345,750	4,094	95,801,884	-	
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	18-Aug-17	MW-01/C-01(01) (Period Jun. 23rd .2017- Jul. 31 st .2017)	155,697,955				The Engineer's response [dated 26 September, 2017 (Ref:059)] on principle of claim, and detailed comments on contemporary records . Principle of claim approved. Contractor's substantiation for Additional cost and EOT awaited.

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Appendix G [6/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
		20-Sep-17	MW-01/C-01(02) (Period Aug.1st.2017-Aug.31st.2017)	130,944,674		-		The Contractor is advised to review this after considering the comments already provided by the Engineer. <i>DHC letter - dated 05 October, 2017 (Ref:070)</i>
		15-Dec-17	MW-01/C-01(03) (Period Sep.1st.2017-Nov.30th,2017)	389,895,769		-		The Engineer's response <i>[30th December, 2017] (Ref:154)</i> . The submission of such site cost record, without substantiating that the delay event impacted the Construction Schedule and these Cost were incurred as the result of the delay event, is meaningless.
		10-Mar-18	MW-01/C-01 (04)(Period Dec.1st, 2017 -Feb.28th ,2018)	461,338,834		-		Engineer's comments, in general, on the Contractor's submission provided; the Contractor was asked for provision of appropriate records in further submissions. <i>DHC letter - dated 16-July-2018 (Ref:241)</i>
		20-Jun-18	MW-01/C-01 (05) [Period Mar.1st 2018 -31st May 2018]	554,164,759		-		
		25-Sep-18	MW-01/C-01 (06) [Jun 1st, 2018 - Aug 31, 2018]	622,969,250		-		Replied on 31-10-2018 (Ref:434). Contractor should prepare and submit supporting particulars in accordance with the Engineer's detailed response. The submission provides Expense records only
		20-Dec-18	MW-01/C-01 (07) [Sep 1st, 2018 - Nov 30, 2018]	698,312,006		-		Replied on 9-01-2019 (Ref:014). The Contractor's submissions are merely a "Expenses Record" and do not constitute contemporary records of "Costs" reasonable incurred as a result of the claimed default of the Employer in failing to provide possession.
		18-Mar-19	MW-01/C-01 (08) [Dec 1st, 2018 - Feb 28, 2018]	686,373,953				The Contractor's submissions are merely a "Expenses Record" DHC Letter- dated 21-Oct-2019 (Ref. 382)
		20-May-19	MW-01/C-01(09) (Period Mar 1st, 2019 - May 31st 2019)	950,568,023				The Contractor's submissions are merely a "Expenses Record" DHC Letter- dated 21-Oct-2019 (Ref. 382)
		04-Oct-19	MW-01/C-01(10) (Period Jun 1st, 2019 - Aug 31st 2019)	1,022,813,377				The Contractor's submissions are merely a "Expenses Record". <i>DHC Letter- dated 21-Oct-2019 (Ref. 382)</i>
		25-Dec-19	MW-01/C-01(11) (Period Sep 1st, 2019 - Nov 30th 2019)	1,056,578,564				Expense Record only.
		23-Mar-20	MW-01/C-01(12) (Period Dec 1st, 2019 - Feb 29th 2020)	1,168,562,632				DHC Letter- dated 21-April-2020 (Ref. 145)
		20-Jun-20	MW-01/C-01(13) (Period Mar 1st, 2019 - May 31st 2020)	1,158,512,409				Expense Record only.
2	MW-01/C-02 Adjustment to Contracts Price due to change in legislation	22-Dec-17	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001).					The Engineer, on 23-12-2017 (Ref:148), asked the Contractor to submit full and detailed particulars. Contractor's submission - 27-Sep-2019 (459) Engineer replied on 29-Oct-2019 (396)
3	MW-01/C-03 Prevention of Effective Access to the PTDC Camp Area Work Hindrance by Local Residents	23-Jan-18	Prevention of Effective Access to the PTDC Camp Area by the FWO workers					The Engineer, on 27-01-2017 (Ref:040), asked the contractor to submit full and detailed particulars. Detailed claim along with full supporting particulars is awaited.
		24-Jul-20	First Interim Claim for the Period up to Jan 2019	48,630,356				Under Review by the Engineer
4	MW-01/C-04 Damage to Contractor's Industrial Water Pipe due to unexpected Mud-Rock Flow in Uchar Area	18-Aug-18	Damage to Contractor's Industrial Water Pipe due to Unexpected Mud-Rock Flow in Uchar					The Engineer, on 20-09-2018 (Ref:362), assessed that the principle of the Contractor's Claim is disapproved pursuant to 19.4.
5	MW-01/C-05 Work hindrance by Local Residents	05-Sep-18	Riot, commotion or disorder by Persons other than the Contractor's Personnel' with reference to the GC Sub-clause 17.3 [Employer's Risk] and Sub-clause 17.4 [Conseq. of the Employer's risks].					The Engineer considers that Sub Clauses 17.3 and 17.4 cannot be evoked in the given circumstances <i>DHC letter - dated 1-Oct-2018 (Ref:376)</i> .
		29-Oct-18	The Contractor noted that pursuant to Sub-clause 19.1 [Definition of Force Majeure] of GC, the "Work hindrance by Local Residents" incident is an exceptional event					The Engineer noted, on 5-11-2018 (Ref:442), that as the event and the consequences of the claimed event have now ceased the Engineer advises the Contractor to strictly follow the time line for the submission of claims.

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Appendix G [7/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status	
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)		
6	MW-01/C-06 Delay in Issuance of Drawings	29-Oct-18	The Contractor has notified the intent to claim due to delay in the review of shop drawings					Replied on 5-11-2018 (Ref:443). The Contractor shall fulfill the requirements for timely notification and other procedures defined under Sub-Clause GC 1.9 in order to demonstrate entitlement.	
7	MW-01/C-07 Provision of Electricity	26-Feb-19	The Contractor's intention to claim due to non provision of Electricity					Replied on 18-03-2019 (Ref:089). The Contractor is fully responsible for the provision of electricity required to execute the Works -Ref.: GS Sub-Clause 8.2 [Source of Power Supply].	
8	MW-01/C-08 Work Stoppage due to Labour Strike	16-Feb-19	Suspension of Work from 15 to 18 January: Claim for EOT and Costs					Replied on 18-03-2019 (Ref:088). The formal notice of your intention to claim was provided outside of the 28 days' time-bar. Replied on 17-05-2019 (Ref:157). Formal notification of the Contractor's intention to claim was provided outside of the 28 days' time-bar- No validity, Claim denied.	
		17-Apr-19		37,280,470					
9	MW-01/C-09 Additional Tax on Import of Goods	18-Aug-19	Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods	42,171,953	404,333			Engineer replied on 13-Sep-2019 (334). Contractor's submission - 27-Sep-2019 (459), 24-Nov-2019 (552) Engineer replied on 29-Oct-2019 (396), 23-Dec-2019	
		23-Aug-20	Customs Duties and Import Related Taxes Interim Claim No 2 (Feb 2019 to Dec 2019)	14,608,898				Under Review by the Engineer	
10	MW-01/C-10 Stoppage by the 80 Members Dam Committee: Claim for EOT	13-Oct-19	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee"					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	
11	MW-01/C-11 Delays and disruptions caused due to co-ordination with other Contractor	05-Jan-20	Claim for additional Cost and time - Delay and Disruption Due to KKH-01 Activities					The Engineer replied on 16-Jan-2020. (DHC/Dasu/CGGC/MW-01 /rar/20-019)	
12	MW-01/C-12 Outbreak of Corina Virus (2019-nCoV)	06-May-20	Direct Costs for the Period up to 31 March 2020	40,197,619				Under Review by the Engineer	
		08-Jun-20	Direct Costs for the Period up to 30 April 2020	41,634,889					
		11-Jul-20	Direct Costs for the Period up to 31 May 2020	45,241,480					
		11-Aug-20	Direct Costs for the Period up to 30 Jun 2020	33,329,529					
13	Claim for Crusing Plant and Batching Plant							The Engineer suggestion and reply on 8-Aug-2020. (DHC/Dasu/CGGC/MW-01 /tm/20-218)	
14	Unforeseeable Cost Due to Co-operation	04-Sep-20	Interim Claim for the Period up to Dec 2018	10,280,007				Under Review by the Engineer	
Total Additional Cost				8,420,489,951	404,333	-	-		
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	18-Aug-17	MW-02/C-01(01) (Period Jun. 23rd .2017- Jul. 31st .2017)	87,224,008			-	Engineer replied, on 28-09-2017 (Ref:022), on principle of claim, and sahred detailed comments on contemporary records. Principle of claim approved.	
		20-Sep-17	MW-02/C-01(02) (Period Aug.1st.2017- Aug.31st.2017)	73,356,899			-	Review this 2nd interim claim submission after considering the comments already provided by the Engineer. [Ref: date 5-Oct-2017 (Ref:025)]	
		15-Dec-17	MW-02/C-01(03) (Period Sep.1st.2017- Nov.30th,2017)	218,424,652				-	Engineer replied on 30-12-2017 (Ref:066). The submission of such site cost record, without substantiating that the delay event impacted the Construction Schedule and these Cost were incurred as the result of the delay event, is meaningless.
		10-Mar-18	MW-02/C-01 (04)(Period Dec.1st, 2017 -Feb.28th ,2018)	265,481,270				-	Engineer's comments, in general, on the Contractor's submission provided; the Contractor was asked for provision of appropriate records in further submissions. [Ref: date 16-July-2018 (Ref:189)]
		20-Jun-18	MW-01/C-01 (05) [Period Mar.1st 2018 -31st May 2018]	339,812,210					-
		25-Sep-18	MW-02/C-01 (06) [Jun 1st, 2018 - Aug 31, 2018]	388,752,672					

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Appendix G [8/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
		20-Dec-18	MW-02/C-01 (07) [Sep 1st, 2018 - Nov 30, 2018]	360,455,891		-		The Contractor's submissions are merely a "Expenses Record" and do not constitute contemporary records of "Costs" reasonable incurred as a result of the claimed default of the Employer in failing to provide possession. [Ref: date 9-January-2019] (Ref:007)
		19-Mar-19	MW-02/C-01 (08) [Dec 1st, 2018 - Feb 28, 2018]	385,611,631				The Contractor's submissions are merely a "Expenses Record" DHC Letter- dated 21-Oct-2019 (Ref. 198)
		20-May-19	MW-02/C-01(09) (Period Mar 1st, 2019 - May 31st 2019)	563,390,375				The Contractor's submissions are merely a "Expenses Record" DHC Letter- dated 21-Oct-2019 (Ref. 198)
		04-Oct-19	MW-02/C-01(10) (Period Jun 1st, 2019 - Aug 31st 2019)	592,324,070				The Contractor's submissions are merely a "Expenses Record". DHC Letter- dated 21-Oct-2019 (Ref. 198)
		25-Dec-19	MW-02/C-01(11) (Period Sep 1st, 2019 - Nov 30th 2019)	631,901,432				Expense Record only.
		23-Mar-20	MW-02/C-01(12) (Period Dec 1st, 2019 - Feb 29th 2020)	725,935,215				DHC Letter- dated 21-April-2020 (Ref. 075)
		20-Jun-20	MW-02/C-01(13) (Period Mar 1st, 2019 - May 31st 2020)	721,752,278				Expense Record only.
		2	MW-02/C-02 Additional Cost due to Change in Legislation	22-Dec-17	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001).			
3	MW-02/C-03 Additional Cost and Time due to prevention of Effective Access to the PTDC Camp Area Work Hindrance by Local Residents	23-Jan-18	Contractor has notified his intention to claim due to prevention of Effective Access to the PTDC Camp Area by the FWO workers.					The Engineer asked the contractor to submit full and detailed particulars. Detailed claim along with full supporting particulars is awaited. [Ref: date 27-01-2017 (Ref:031)]
		24-Jul-20	First Interim Claim for the Period up to Jan 2019	2,105,168				Under Review by the Engineer
4	MW-02/C-04 Delay in Issuance of Drawings	29-Oct-18	The Contractor has notified the intent to claim due to delay in the review of shop drawings					The Engineer noted that the Contractor shall fulfill the requirements for timely notification and other procedures defined under Sub-Clause GC 1.9 in order to demonstrate entitlement. Ref: date 5 Nov. 2018] (Ref:276)
5	MW-02/C-05 Provision of Electricity	26-Feb-19	The Contractor's intention to claim due to non provision of Electricity					The Contractor is fully responsible for the provision of electricity required to execute the Works (Ref.: GS Sub-Clause 8.2 [Source of Power Supply]). [Ref: date 18-March-2019] (Ref:042)
6	Work Stoppage due to Labour Strike	17-Apr-19	Suspension of Work from 15 to 18 January: Claim for EOT and Costs	18,371,545				Formal notification of the Contractor's intention to claim was provided outside of the 28 days' time-bar- No validity, Claim denied. [Ref: date 8-May-19] (Ref:068)
7	MW-02/C-06 Landslide Incident at Khoshe Labour Camp	26-Jun-19	Notice of Intent to Claim - Landslide Incident at Khoshe Labour Camp					Contractor is reminded to maintain accurate contemporary records to support this claim and accord with the timeline outlined within GC Sub-Clause 20.1 [Ref: date 27-Jul-2019] (Ref:126)
8	MW-02/C-07 Additional Tax on Import of Goods	18-Aug-19	Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods	20,152,283	193,215			The Engineer replied on 13-Sep-2019 (167)The Contractor's revised submission on 25-11-2019 (346)The Engineer replied on 23-Dec-2019
		23-Aug-20	Customs Duties and subsequent influence on other taxes during the importing of Goods period from Feb 2019 to Dec 2019.	14,812,855				Under Review by the Engineer
9	MW-02/C-08 Stoppage by the 80 Members Dam Committee: Claim for EOT	13-Oct-19	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee"					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
10	MW-02/C-09 Delays and disruptions caused due to	05-Jan-20	Claim for additional Cost and time - Delay and Disruption Due to KKH-01 Activities					The Engineer replied on 16-Jan-2020. (DHC/Dasu/CGGC/MW-02/rar/20-013)

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Appendix G [9/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
				Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
	co-ordination with other Contractor							
11	MW-02/C-10 Outbreak of Corina Virus (2019-nCoV)	06-May-20	Direct Costs for the Period up to 31 March 2020	23,280,849				<i>Under Review by the Engineer</i>
		08-Jun-20	Direct Costs for the Period up to 30 April 2020	34,694,777				
		11-Jul-20	Direct Costs for the Period up to 31 May 2020	34,547,929				
		11-Aug-20	Direct Costs for the Period up to 30 Jun 2020	28,109,667				
12	LNG Tank Accident - Barseen	05-Apr-20	Contractor's claim for the idle time as a result of the overturned LNG tank at the Barseen camp	1,028,691				<i>Engineer asked for further clarifications. Contractor replied on 26-05-2020. Under Review by the Engineer</i>
13	Unforeseeable Cost Due to Co-operation	04-Sep-20	Interim Claim for the Period up to Dec 2018	8,418,715				<i>Under Review by the Engineer</i>
Total Additional Cost				5,531,526,366	193,215	-	-	
Details of Claims/Notifications of DASU-LBRV-11 – Contractor Zhongmei								
1	LBRV-11/C-01 Perceived Delay in the Issuance of Construction Drawings	07-Jan-19	Perceived Delay in the Issuance of Construction Drawings, January 2019					Replied on 6-Feb-2019 (Ref:033)
2	LBRV-11/C-2U Works' stoppage linked to land acquisition issues Unified the following Work stoppage's claim nos. LBRV-11/C-02, C-03, C-05 under LBRV-11/C-2U [dated 20-09-2019 (Ref:151)]	03-03-2019, 03-03-2019	Idle Cost Claim	9,803,795				ZEG/DASU-LBRV-11/19-122 dated 1st July 2019 ZEG/DASU-LBRV-12/19-121 dated 1st July 2019 DHC/DASU/ZEG/LBRV-11/you/19-156 dated 25th September 2019 DHC/DASU/ZEG/LBRV-11/you/19-185 dated 2-Nov-2019
3	LBRV-11/C-04 Rock Fall Incident at Zero Point	20-Jan-19	Claims for Additional Costs and Time due to a suspension of the Works on account of a Rock Fall Incident at Zero Point					Replied on 11-Feb-2019 (Ref:037)
		03-Mar-19	Idle Claim from January 16th, 2019 to January 18th, 2019	314,635				Replied on 26-4-19 (Ref:082)
4	LBRV-11/C-06 Extension of Guarantees	31-May-19	Claims for Additional Costs for extending performance & advance security					Replied on 10-Jun-2019 (Ref:102&108)
5	LBRV-11/C-07 Suspension of Works and unforeseeable physical conditions	11-Sep-19	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
6	LBRV-11/C-08 Claim due to outbreak of Carina Virus (COVID-19)	28-Mar-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)
Total Additional Cost				10,118,430	-	-	-	
Details of Claims/Notifications of DASU-LBRV-12 – Contractor Zhongmei								
1	LBRV-12/C-01 Rock Fall Incident at Zero Point	20-Jan-19	Claims for Additional Costs and Time due to a suspension of the Works on account of a Rock Fall Incident at Zero Point					Engineer replied on 11-Feb-2019 (Ref:016)
2	LBRV-12/C-02 Nasirabad-2 Site's Access Road	18-Mar-19	Notice of Claim -Due to Stoppage Work at Nasirabad-2 Site's Access Road					Engineer replied dated 2-April-19 (Ref:027) Contractor's submission dated 2-May-19 (Ref:028) Engineer replied dated 6-May-19 (Ref:033)
3	LBRV-12/C-03 Extension of Guarantees	31-May-19	Claims for Additional Costs for extending performance & advance security					Engineer replied dated 10-Jun-2019 (Ref:043 & 044)
4	LBRV-12/C-04 Claim due to outbreak of Carina Virus (COVID-19)	28-Mar-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)
Total Additional Cost				-	-	-	-	

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Appendix G [10/10]

Sr. No.	Claim Register No. & Claim Title	Contractor's Submission Dated	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 DASU-PCI-01R – Contractor CGICOP								
1	PCI-01R/C-01 Works' stoppage linked to land acquisition issues	18-Jun-19	Notice of Claim -Works' Stoppage at the Choochang Colony Site-Batching Plant Location					Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 22-Jun-2019 (Ref:061)
2	PCI-01R/C-02 Delay in issuance of Drawings	08-Aug-19	Extension of time for delay in issuance of construction drawings.					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)
		03-Sep-19	July 1st 2019 to Aug. 22 2019	183,457,765				The Engineer replied on 27-Sep-2019 (147) The Contractor's submission only signifies the provision of cost records for expenses.
3	PCI-01R/C-03 Works' stoppage linked to land acquisition issues	08-Aug-19	Notice of Claim - Works' Stoppage by House owner in portion-2 near Cat-2 Hostels					Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 26-Aug-2019 (Ref:110)
		04-Sep-19	25 July 2019 to 31 August 2019	127,265,692				The Engineer replied on 27-Sep-2019 (147) The Contractor's submission only signifies the provision of cost records for expenses.
4	PCI-01R/C-04 Claims for Additional Time due to a Works' stoppage linked to Rainfall	07-Nov-19	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					The Engineer replied on 14-11-2019
5	PCI-01R/C-05 Claim due to outbreak of Carina Virus (COVID-19)	25-Mar-20	The Contractor notified Force Majeure that lockdown in parts and parcels, causing major deficiency in supply & transport of materials and manpower required for the Project.					Engineer replied dated 8-April-2020
		16-Apr-20	1st Interim Claim					
		16-May-20	2nd Interim Claim					Principle of Cost Claim rejected dated 25-July-2020 (Ref:244)
6	Additional Test-Petrographic	04-Jun-20	EOT and Cost plus profit	462,483				Principle of Claim was rejected dated 7-July-2020 (Ref:229)
7	PCI-01R/C-05 Claim due to shortage of Fuel	25-Jun-20	claim for extra time and additional Cost due to unavailability of Fuel under Sub-Clause 19.4 read with SubClause 20.1.					Engineer replied dated 29-June-2020
Total Additional Cost				310,723,457	-	-	-	
Details of Claims/Notifications of DASU-RV – Contractor KGL								
1	RV/C-01 Works' stoppage linked to land acquisition issues at Additional Choochang Sites	24-Dec-19	Claims 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	14-Jan-20	Claims 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	Coronavirus	09-Apr-20	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

APPENDIX H

Variation Status

Appendix H: Variations Status

Status of Variation Orders for RAR-01

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.
Total				(131,481,029)	

Status of Issued Variations for KKH-01

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	6,911,084	-	6,911,084	Singed VO Issued on 25-3-2020
3	VO-003: Slope Stabilization at certain areas of Barseen, Kaigah and Khoshe Section	99,638,316	-	99,638,316	Varaition Order signed on 7-Sep-2020
4	VO-004(R): Water Supply Scheme at Kuz Chuchang (K5+500).	663,964	-	663,964	Singed VO Issued on 02-06-2021
5	VO-005: Re-alignment - Tunnels, bridges and culverts	29.413 Billion	7.028 Billion	22,384,659,959	Singed VO Issued on 14-05-2022
6	VO-006: Construction of Safety Barriers around Schools	5,034,513	-	5,034,513	Singed VO Issued on 23-05-2022
7	VO-007: Mitigation Measures for Traffic Safety of Existing KKH	12,586,461	-	12,586,461	Singed VO Issued on 22-05-2022
8	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 Varaition Order is ready, however, Contractor has not signed yet. Work has been completed. Provisional Interim payment was made.
Total				22,542,254,653	

Status of Issued Variations for KKH-02

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

Status of Issued Change Orders for TL-01

Sr. No.	VO Description and Number	Contractor's Proposal (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	CO-001: [Backfilling with concrete instead of filling with Borrow Material in the foundations of the 132 KV Towers]	62,328,200	-	62,328,200	The Employer Issued formal Change Order on 6-Dec-2019. Work is inprogress.
2	CO-002: Double Circuit 220kV type Towers with twin bundle "Rail" Conductor from NTDC's Tower no. JKD-5 to Keyal Khwar HPP instead of Single Circuit ZM type Tower with LYNX from Dubair Khwar HPS to Keyal Khwar	187,054,511	-	187,054,511	The Employer Issued formal Change Order on 3-July-2020.
3	CO-003: Procurement, Installation, Construction and Erection of Tower Types ED & EG.	40,978,335 (p)	25,651,753	15,326,582	Employer issued Pending Change Order on 14-7-2020. Final CO will be issued after finalization of Land matters.
4	CO-004: Procurement of Grid station connectors and hydraulic compression Engine with dyes	-	-		It was a negative Variation and the Employer intends to proceed for approval along with the approval of CO-003
5	CO-005: Providing and laying of random rubble masonry and backfilling of retaining wall located at the grid station	46,660,889	-	46,660,889	The Employer Issued formal Change Order on 26-April-2022.
Total				311,370,182	

Status of Issued Variations for MW-01

Sr. No.	VO Description and Number	Engineer Estimate (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO-001 : Varied Works of Construction Roads and Platform for Diversion Facilities [Excluding Price Adjustment amount]	967,498,672	-	967,498,672	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-031 dated 16th January 2022.
2	VO-002 : Varied Works for Work Adits of Diversion Facilities [Excluding Price Adjustment amount]	1,275,244,643	-	1,275,244,643	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-034 dated 16th January 2022.
3	VO-03 : Diversion Tunnel Variation [Excluding Price Adjustment amount]	19,804,974,224	-9,285,141,634	10,519,832,590	Variations issued on DHC/Dasu/CGGC/MW-01/CAD/21-499 dated 23rd November 2021
4	VO-04 : 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-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
Total				13,854,721,401	

Status of Issued Variations for MW-02

Sr. No.	VO Description and Number	Contractor's Proposal (Rs)	Value of Omitted Work (Rs)	Net Effect of VO (Rs.)	Status
1	VO/001: Reinforcement of Main Access Tunnel Portal and Platform	128,000,000 (p)	-	128,000,000 (p)	The final assessment and draft VO document will be submitted in Aug-2022. Expected to be agreed or determined in Sep-2022.

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 Gauge in Plaster Works	10,259,865		10,259,865	Signed VO issued on 14-09-2021
6	VO-006: Supply, Installation & Commissioning of Overhead Water Tanks for Project Office & Residences Category-2 Buildings	3,229,430	-	3,229,430	The Engineer issued his determination on 25-05-2022
7	VO-007: Providing & Installation of geotextile on weep holes before the backfilling of retaining walls complete in all respect	371,670	-	371,670	Signed VO issued on 14-09-2021
8	VO-008: External Water Supply to Uchar Site-1	8,466,376	-	8,466,376	Signed VO issued on 14-09-2021
9	Water Supply from Indus River (1st Stage) From Intake to Treatment Plant (existing KKH-01)	88,176,234 (p)		88,176,234 (p)	The Contractor requested to consider the cost of treatment plant and pumps on Provision Sum basis, therefore, when he will submit the quotations, the VO will be finalized accordingly.
	Water Supply from Indus River (2nd Stage) (From existing KKH-01 to Colony Water Tank)	93,076,945 (p)	-	93,076,945 (p)	The rates for 2nd stage has been issued to the Contractor on 13th August 2021. For, pipe related items, the mutually agreed rates were issued to the Contractor on 29th Dec 2021. VO shall be issued after finalization of all rates.
10	VO-010: Modification of Power Cable Size at Project Colony	29,103,816	(20,450,032)	8,653,784	The Engineer on 01 March 2022 has issued a draft VO via letter DHC/Dasu/CGICOP/PCI-01R/CAD/22-059 to the Employer and to the Contractor for review and consent.
11	VO-011: Supply and 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 2023
Total				(45,316,282.22)	

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)	

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.
3	VO-003: Omission of Sites Barseen, Kaigah-01 and Kaigah-02 under LBRV-12	(715,099,577)		(715,099,577)	VO will be issued after Employer's approval
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
Total				23,841,277.85	

APPENDIX I

Contract Information

Appendix I: Contract Information

CONTRACTS AWARDED																	
Sr. #	Contract ICB No.	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	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	29,303,984,012	25.48%					Work Inprogress
2	DASU-MW-02	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	10,510,966,219	16.31%					Work Inprogress
3	DASU-EM-01	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	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	9,268,223,819	63.75%	519	507		13-Dec-19	Work Inprogress. EOT Subject to Variation-005 time
2	DASU-RAR-01	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	1,899,364,637	69.98%	498	408	518	16-Jul-20	Work Inprogress. EOT underprocess.
3	DASU-TL-01	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	1,439,016,801	90.89%	488	427	514	17-May-20	Work Inprogress. EOT underprocess.
4	DASU-PCI-01	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	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	2,603,193,803	53.13%	895			29-Oct-23	Work Inprogress EOT underprocess.
6	DASU-RV	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)	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	265,085,736	40.48%				16-May-22	Work Inprogress. EOT granted
8	DASU-KKH-02	27-Oct-15	27-Feb-17	25-Apr-17	To be Decided	728	Depend on Comencement	PKR 16,264,917,100	155,727,101	155,727,101	3,252,983,438	20.00%					Notice of Commencement not issued yet
9	DASU-RAR-02	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	1,269,138,634	20.30%					Work Inprogress.
10	DASU-LBRV-11	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	599,274,190	53.48%	345			04-Dec-20	Work Inprogress. 2nd EOT underprocess.
11	DASU-LBRV-12	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	1,068,657,359	105.10%	318			07-Nov-20	Work Inprogress. 2nd EOT underprocess.
12	DASU-RBRV-11	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%					Notice of Commencement not issued yet

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	14-Jan-2023	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	13-Jan-2023	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-2022	PKR 1,453,885,230.70	31-Dec-2022	30-Apr-2022			31-Jul-2022	N/A
4	DASU-RAR-01	PKR 379,956,164.00 USD 1,616,583.00	31-Dec-2022	PKR 271,397,259.50	31-12-2022	31-Dec-2022			31-Aug-2022	N/A
5	DASU-TL-01	PKR 166,340,724.00 USD 338,582.75	11-Nov-2022	PKR 178,862,944.00	20-Jan-2023	8-Oct-2022			8-Oct-2022	8-Oct-2022
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					
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-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	3-Dec-2022	25-Jun-2022	25-Dec-2022	25-Jun-2022	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	6-Nov-2022	25-Aug-2022	25-Dec-2022	25-Aug-2022	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					
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	22-Feb-2023	20-May-2021	19-May-2022	20-May-2021	19-May-2023	N/A
12	Dasu-RV	PKR 107,474,520	30-Sep-2022	PKR 65,481,520	14-Nov-2022	14-Dec-2022	14-Dec-2022	14-Dec-2022	14-Dec-2022	N/A

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

	26 Tue.	27 Wed.	28 Thu	29 Fri.	30 Sat.	31 Sun.
Diversion Tunnel A INLET	Roof Slab Fixing and adjustment of formwork Middle pier K0+002.3~0-035 Fixing of reinforcement Left wall and right wall No work Part No. 2 and 3 No work	Roof Slab No work Middle pier K0+002.3~0-035 Fixing of reinforcement No work Left wall and right wall No work	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Left wall and right wall No work No work due to flood in Uchar Nullahh and shortage of labor	Roof Slab No work Middle pier K0+002.3~0-035 No work Left wall and right wall No work No work due to flood in Uchar Nullahh and increasing of river water level Part No. 2 and 3 No work No work due to flood in Uchar Nullahh and increasing of river water level	Roof Slab No work Middle pier K0+002.3~0-035 No work Right wall Fixing of reinforcement No work due to flood in Uchar Nullahh and increasing of river water level Part No. 2 and 3 Adjustment of formwork	Roof Slab No work Middle pier K0+002.3~0-035 No work Right wall Shifting and fixing of reinforcement Part No. 2 Right and left side Shifting and fixing of formwork
Diversion Tunnel A UNDER GROUND	INVERT U/S Right side K0+120~0+150 Invert cleaning for lean concrete Right side K0+140~ 0+160 Invert excavation for lean concrete using jack hammer No concrete pouring due to unavailability of water INVERT D/S Right side K0+441~ 0+453 Cleaning for 1m invert concrete Right side K0+453~ 0+465 Cleaning for 1m invert concrete Right side K0+477~ 0+489 Cleaning for 1m invert concrete Left side K0+477~ 0+650 Mucking of previous excavated material No Concrete pouring due to unavailability of water D/S 3rd+4th Lift Centre K1+450~ Excavation and mucking	INVERT U/S Right side K0+120~ 0+150 Invert cleaning for lean concrete Right side K0+140~ 0+160 Invert excavation for lean concrete using jack hammer No Concrete pouring due to unavailability of water INVERT D/S No work because after flood water pipeline collapsed	INVERT U/S No work due to flood in Uchar Nullahh and shortage of labor INVERT D/S No work due to flood in Uchar Nullahh and shortage of labor	INVERT U/S Right side K0+120~0+150 Invert cleaning for lean concrete Right side K0+070~ 0+090 Invert excavation for lean concrete INVERT D/S No work due to flood in Uchar Nullahh and increasing of river water level D/S 3rd+4th Lift Centre K1+440~ Excavation and mucking	INVERT U/S Right side K0+120~0+200 Invert excavation and cleaning for lean concrete INVERT D/S No work due to flood in Uchar Nullahh and increasing of river water level	INVERT U/S Right side K0+166~0+200 Invert cleaning for lean concrete Right side K0+100~ 0+120 Invert excavation for lean concrete After 02:00 work stopped because of flood in Uchar Nullahh and increasing of river water level INVERT D/S Right side K1+149~1+161 Fixing of formwork and cleaning for 1m invert concrete No concrete pouring due to shortage of water D/S 3rd+4th Lift Centre K1+400 ~410 Drilling for blast Charging for blast Blast 17:40 Excavation and mucking After 02:00 work stopped because of flood in Uchar Nullahh and increasing of river water level
Diversion Tunnel B INLET	Roof Slab Fixing of reinforcement Middle pier K0+002.3~0-035 No work Right wall No work Left wall No work Part No.2 and 3 Right and Left wall No work	Roof Slab Fixing of reinforcement Middle pier K0+002.3 ~0-035 No work Right wall No work Left wall Fixing of scaffolding and making access Part No.2 and 3 Removing of shotcrete from steel arches at crown	Roof Slab Fixing of reinforcement Middle pier K0+002.3 ~0-035 No work Right wall No work Left wall No work Part No.2 and 3 No work	Roof Slab Fixing of reinforcement Middle pier K0+002.3 ~0-035 No work Right wall No work Left wall No work Part No.2 and 3 No work No work due to flood in Uchar Nullahh and increasing of river water level	Roof Slab Fixing of reinforcement Cleaning of reinforcement and formwork Middle pier K0+002.3~0-035 No work Left wall No work Right wall No work Part No.2 and 3 No work No work due to flood in Uchar Nullahh and increasing of river water level	Roof Slab Fixing of reinforcement After 02:00 work stopped because of flood in Uchar Nullahh and increasing of river water level Middle pier K0+002.3~0-035 No work Right wall No work Left wall No work Part No.2 K0+19~0+31 Shifting and fixing of formwork
Diversion Tunnel B UNDER GROUND	U/S Left side K0+052.5~0+090 Invert cleaning for lean concrete No Concrete pouring due to unavailability of water Shear zone area Part No.01 No work Part No 2 No work Part No 3 Right side and left side Fixing of scaffolding pipe for the crown concrete Part No.4 Right wall No work Part No.5 No work Invert No work K0+370~ 0+650 No work Centre K1+190~200 survey for blast Drilling for blast Charging for blast Blast 20:40	U/S Left side K0+052.5~0+090 Invert cleaning for lean concrete No Concrete pouring due to unavailability of water Shear zone area Part No.01 No work Part No 2 No work Part No 3 Right side and left side Fixing of scaffolding pipe for the crown concrete Part No.4 Right wall No work Part No.5 No work Invert No work D/S 3rd+4th Lift Centre K1+450~ Excavation and mucking Centre K1+190~200	D/S 3rd+4th Lift Centre K1+440~ Excavation and mucking 4th lift Centre K1+190~200 Excavation and mucking 4th lift Centre K1+335~340 Drilling for blast Charging for blast Blast 05:52	U/S Left side K0+052.5~0+090 Invert cleaning for lean concrete No Concrete pouring due to unavailability of water Shear zone area Part No.01 No work Part No 2 No work Part No 3 Right side and left side Shifting and fixing of scaffolding pipe for the crown concrete Part No.4 Right wall No work Part No.5 No work Invert No work K0+370~0+650 No work 4th lift Centre K1+210~ Drilling for blast	4th lift Centre K1+230~ Drilling for blast Charging for blast Blast 16:55 Excavation and mucking	4th lift Center K1+230~238 Excavation and mucking After 02:00 work stopped because of flood in Uchar Nullahh and increasing of river water level

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	Excavation and mucking	Excavation and mucking		Charging for blast Blast 16:20 Excavation and mucking 3rd lift Centre K1+220~ Drilling for blast		
Traffic Diversion Tunnel	K0+510~ Fixing of wire mesh EL.857~855 Excavation and mucking	K0+518~528 Fixing of wire mesh No work due to flood, unavailability of water and shortage of labor EL.857~855 Excavation and mucking	K0+447~ Grouting of anchor bars for ventilation duct K0+518~ Fixing of wire mesh K0+530~ Fixing of wire mesh EL.856~852 Drilling for blast	K0+518~ Arrangements for 2nd layer of shotcrete EL.856~ Charging for blast Blast 10:30 Excavation and mucking	K0+510~528 Repairing of air compressor pipe line Spraying of 2nd layer of shotcrete Total quantity 26m3 plain Arrangements for 2nd layer of shotcrete EL.856 ~852 Excavation and mucking	No Work No work due to shortage of water EL.856~852 No work Excavation and mucking
Cable crane foundation (Right Bank)	EL. K1+074~1+067 Removing of scaffolding	K1+074~1+067 Removing of scaffolding	EL. K1+074~1+067 Making access road for the slope protection for cable crane foundation	EL. K1+074~1+067 Making access road for the slope protection for cable crane foundation	EL. K1+074~1+067 Making access road for the slope protection for cable crane foundation	EL. K1+074~1+067 Making access road for the slope protection for cable crane foundation
Uchar New Crushing plant	Fixing embedded parts of crushing plant Retaining wall No 03,05,08 Backfilling Workshop No 01 Fixing of embedded parts and safety guard Workshop No 02 Fixing of reinforcement Workshop No 03 Fixing of formwork for columns Retaining wall No 01 Excavation and mucking Crush plant area Breaking stones with jack hammer	Fixing embedded parts of crushing plant Workshop No 01 Fixing of embedded parts and safety guard Fixing of embedded parts and safety guard Workshop No 02 Pouring of concrete Workshop No 03 Fixing of formwork for columns Retaining wall No 01 No work Crush plant area Breaking stones with jack hammer Excavation for conveyor belt foundation	Fixing embedded parts of crushing plant Workshop No 01 Fixing of embedded parts and safety guard Workshop No 02 Removing of formwork Fixing of steel Workshop No 03 Fixing of formwork for columns Retaining wall No 01 Excavation and mucking Crush plant area Breaking stones with jack hammer Pouring of concrete at corridor	Fixing embedded parts of crushing plant Workshop No 01 Fixing of embedded parts and safety guard Workshop No 02 Removing of formwork Workshop No 03 Pouring of concrete Retaining wall No 01 Excavation and mucking Crushing and batching plant area Breaking stones with jack hammer Excavation of batching plant area Excavation of conveyor belt foundation	Fixing embedded parts of crushing plant Workshop No 01 Fixing of embedded parts and safety guard Workshop No 02 Removing of formwork Retaining wall No 01 Excavation and mucking Crushing and batching plant area Breaking stones with jack hammer Excavation of batching plant area Excavation of conveyor belt foundation Foundation gallery near stock pile Backfilling at foundation gallery	Fixing embedded parts of crushing plant Screening Workshop No 01 and 02 Fixing of reinforcement for 1st floor columns Screening Workshop No 03 Fixing of reinforcement for base slab Retaining wall No 01 Excavation and mucking Crushing and batching plant area Breaking stones with jack hammer Excavation of batching plant area Excavation of conveyor belt foundation Foundation gallery near stock pile Backfilling at foundation gallery
Kass Camp	Construction of stone masonry retaining wall at RAR-01 road side and in front of Project leadership dormitory White washing (Painting) Electrical fitting Installation of sewage pipe line Excavation, leveling and dumping	Construction of stone masonry retaining wall at RAR-01 road side and in front of Project leadership dormitory White washing (Painting) Electrical fitting Installation of sewage pipe line Excavation, leveling and dumping	Construction of stone masonry retaining wall at RAR-01 road side and in front of Personal staff dormitory Making of precast concrete slabs and pillars for boundary walls Installation of precast concrete rooms Excavation, leveling and dumping welding of stairs White washing (Painting) Dumping in kass parking area	Making of stone masonry retaining wall at RAR-01 road side and in front of Personal staff dormitory Excavation, leveling and dumping Dumping in kass parking area welding of stairs Electrical fitting White washing (Painting) Installation of sewage pipe line	White washing (Painting) Casting of pre cast pillars and slabs Excavation and mucking at U/S part Stone breaking by jack hammer Construction of stone masonry retaining wall at RAR-01 road side and in front of Project leadership dormitory leveling of dumped material manually Some of the work stopped by local person due to payment issue. Stoppage record Installation of pre cast rooms. Fencing work at mountain side. Stone masonry. Electricity related works like welding of pipes and open wiring fitting. Water supply also stopped. Stand by machinery Two cranes , 1(50 ton) +1(100 ton) 1 Generator (2G23)	Casting of pre cast pillars and slabs White washing (Painting) Excavation and mucking at U/S part Stone breaking by jack hammer Leveling of dumped material manually Some of the work stopped by local person due to payment issue. Stoppage record Installation of pre cast rooms. Fencing work at mountain side. Stone masonry. Electricity related works like welding of pipes and open wiring fitting. Water supply also stopped. Stand by machinery Two cranes , 1(50 ton) +1(100 ton) 1 Generator (2G23)
CR-5-2 / LU-2	No work	No work	No work	No work	Fixing of formwork of temporary water tank	Fixing of formwork of temporary water tank
Date/Day Location	1 Mon.	2 Tue.	3 Wed	4 Thu.	5 Fri.	
Diversion Tunnel A INLET	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water level. After flood	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Right wall No work No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution

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Cable crane foundation (Right Bank)	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor
Uchar New Crushing plant	No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution system in Uchar collapsed. Labor camp also got damaged. That's why due to site not accessible and shortage of water, contractor has sent all of its staff on leave	No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution system in Uchar collapsed. Labor camp also got damaged. That's why due to site not accessible and shortage of water, contractor has sent all of its staff on leave	No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution system in Uchar collapsed. Labor camp also got damaged. That's why due to site not accessible and shortage of water, contractor has sent all of its staff on leave	No work because of flood in uchar Nullahh and increasing of river water level. After flood Uchar bridge and water distribution system in Uchar collapsed. Labor camp also got damaged. That's why due to site not accessible and shortage of water, contractor has sent all of its staff on leave	Screening Workshop No 01 Fixing of reinforcement for 1st floor beams and columns Screening Workshop No 03 Fixing of reinforcement for base slab Screening Workshop No 04 Fixing of reinforcement for base slab Foundation Gallery Steel Fixing Breaking of stone with jack Hammer Batching Plant Area Excavation with Excavator
Kass Camp	Casting of pre cast pillars and slabs White washing (Painting) Excavation and mucking at U/S part Stone breaking by jack hammer leveling of dumped material manually	Casting of pre cast pillars and slabs White washing (Painting) Excavation and mucking at U/S part Stone breaking by jack hammer leveling of dumped material manually	Cleaning of rooms White washing (Painting) Some other decorative works leveling of dumped material manually	Cleaning of rooms White washing (Painting) Some other decorative works leveling of dumped material manually	Cleaning of rooms White washing (Painting) Some other decorative works leveling of dumped material manually
CR-5-2 / LU-2	No work	No work	No work	No work	Fixing of scaffolding
Date/Day Location	6 Sat.	7 Sun.	8 Mon.	9 Tue.	10 Wed.
Diversion Tunnel A INLET	Roof Slab No work Middle pier K0+002.3~0-035 No work Left wall Steel Fixing Adjustment of Formwork Part No. 2 & 3 Adjustment of Formwork Steel Fixing	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Left wall Steel Fixing Steel Shifting Right wall Steel Fixing Steel Shifting	Roof Slab No work Middle pier K0+002.3 ~0-035 No work Left wall Shifting of materials No Work Right wall Shifting of materials Part No. 2 (Left & Right) Welding of Formwork	Roof Slab Shifting of Formwork Plates Middle pier K0+002.3 ~0-035 No work Left wall No Work Right wall No Work Part No. 4 Fixing of scaffolding for crown concrete Part No. 3 Fixing of Formwork for crown concrete	Roof Slab No Work Middle pier K0+002.3~0-035 No work Left wall No Work Right wall Steel Fixing Part No. 4 Fixing of scaffolding for crown concrete Fixing of Formwork for crown concrete
Diversion Tunnel A UNDER GROUND	INVERT U/S Right Side K0+130~K0+160 Cleaning of Rock surface for lean concrete Pouring of concrete Quantity Poured C-20 =130m3 Right Side K0+160~K0+200 Cleaning of Rock surface for lean concrete D/S 3rd+4th Lift Centre K1+400~410 No work	INVERT U/S Right Side K0+112~K0+166 Mucking Right side K0+166~K0+130 Excavation with Jack Hammer INVERT D/S No Work	INVERT U/S Right side K0+166~K0+130 Cleaning of rock surface for leveling concrete INVERT D/S No Work D/S 3rd+4th Lift Centre+ left K1+440~ Excavation & Mucking Right side K1+420~ Drilling for blast	INVERT U/S Right side K0+166~K0+124 Removal of undercut with Jack Hammer Cleaning of rock surface for leveling concrete INVERT D/S No Work Right Side K0+489~ K0+477 Pouring of concrete Quantity poured A-25/50mm =120m3	INVERT U/S Right side K0+166~K0+130 Cleaning of the rock surface for lean concrete Right Side K0+100~K0+130 Excavation with Jack Hammer INVERT D/S Right Side K0+465~K0+453 Cleaning for invert 1m concrete Pouring of concrete Quantity Poured=120m3 Finishing of concrete surface Right Side K1+149~K1+161 Pouring of invert 1m concrete Quantity Poured A-25/50mm=120m3 Finishing of concrete surface D/S 3rd+4th Lift Right side K1+400~ , Left Side K1+420~ Survey for blast Drilling for blast Charging Right Side K1+435~ Drilling for blast Charging for blast Blast 3:50Hrs Excavation & Mucking
Diversion Tunnel B Inlet Portal	Roof Slab No work Assembling of scaffolding Middle pier K0+002.3~0-035 No work Right wall Form work Fixing Making access Left wall Steel Fixing Part No.2 K0+019~0+031 Tightening of scaffolding pipes	Roof Slab No work Assembling of scaffolding Middle pier K0+002.3~0-035 No work Right wall Form work Fixing Left wall Steel Fixing Steel shifting Part No.2 K0+019 ~0+031 Tightening of scaffolding pipes	Roof Slab Steel Fixing Middle pier K0+002.3 ~0-035 No work Right wall Formwork Fixing Arrangement for concrete Left wall Steel Fixing Steel shifting Part No.2 & 3 Steel Fixing 4th lift Right Side K1+248~ Excavation & Mucking 4th Lift Left+Centre Side K1+253~ Drilling for blast	Roof Slab No Work Middle pier K0+002.3 ~0-035 No work Right wall Arrangement for concrete No Work Left wall Steel Fixing and making access Part No.2 & 3 Steel Fixing	Roof Slab Fixing of Form work Middle pier K0+002.3 ~0-035 No work Right wall Arrangement for concrete Arrangements for concrete Left wall Steel Fixing and making access Part No.2 Steel Fixing
Diversion Tunnel B UNDER GROUND	4th lift Left+Center K1+238~248 Drilling for blast Charging Blast 16:00Hrs Excavation & Mucking	D/S 3rd+4th Lift Centre K1+410~420 Drilling for blast Charging for blast Blast 11:45Hrs Excavation & Mucking Centre K1+420~ Drilling for blast Charging for blast Blast 4:15Hrs 3rd lift Left+Center K1+230	U/S K0+052.5~0+090 Drilling for rock Dowels Grouting & Installation of Rock Dowels Right Side K0+225~K0+290 Cleaning of rock surface for leveling (lean) concrete Shear zone area Part No.01 No work Part No 2 No work	Invert U/S K0+052.5~ 0+064.5 cleaning & Formwork Fixing for invert concrete Right Side K0+225~K0+290 Cleaning of rock surface for leveling (lean) concrete K0+158~ K0+170 Pouring of invert 1m concrete Quantity poured A-25/50mm= 120m3 Finishing of concrete surface	D/S 3rd+4th Lift Right side K1+400~ , Left Side K1+420~ Survey for blast Drilling for blast Charging Right Side K1+435~ Drilling for blast Charging for blast Blast 3:50Hrs Excavation & Mucking 4th Lift Left+Centre Side K1+240~K1+250

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		~240 Excavation & Mucking	Part No 3 Right side and left side Fixing of Formwork for crown concrete Part No.4 Right wall No work Part No.5 No work Invert No work 4th lift Right Side K1+248~ Excavation & Mucking 4th Lift Left +Centre Side K1+253~ Drilling for blast	Shear zone area Part No.01 No work Part No 3 Right side and left side Fixing of Formwork for crown concrete Part No.4 Right wall No work Part No.5 No work Invert D/S No work D/S 3rd+4th Lift Right side	Excavation & Mucking K1+445~K1+455 Charging for blast 09:35Hrs Excavation & Mucking 4th Lift Left+ Centre Side 1+240~ K1+250 Excavation & Mucking
Traffic Diversion Tunnel Portal	No work after flood in uchar Nullah on 1st Aug 2022	No Work after flood in uchar Nullah on 1st Aug 2022	No Work after flood in uchar Nullah on 1st Aug 2022 EL.853~855 Drilling for blast	No Work after flood in uchar Nullah on 1st Aug 2022EL.853~855 Drilling for blast Charging Blast 10:50Hrs Mucking & Scaling	No Work after flood in uchar Nullah on 1st Aug 2022EL.848~855 Surface washing for wire mesh fixing
Cable crane foundation (Right Bank)	EL. K1+074~1+067 No Work due to shortage of labor	EL. K1+074~1+067 No Work due to shortage of labor	EL. K1+074~1+067 No Work due to shortage of labor	EL. K1+074~1+067 No Work due to shortage of labor	EL. K1+074~1+067 No Work due to shortage of labor
Uchar New Crushing plant	Screening Workshop No 01 & 02 Fixing of Formwork Screening Workshop No 03 Fixing of reinforcement for base slab Fixing of reinforcement for base slab Screening Workshop No 04 Fixing of reinforcement for base slab Fixing of reinforcement for base slab No Work Foundation Gallery Steel Fixing Breaking of stone with jack Hammer Batching Plant Area No Work	Screening Workshop No.02 Fixing of embedded part Fixing of embedded parts Screening Workshop No 03 Fixing of reinforcement for base slab Screening Workshop No 04 Fixing of reinforcement for base slab Preparation for concrete Foundation Gallery Steel Fixing Breaking of stone with jack Hammer Batching Plant Area No Work	Screening Workshop No.02 Making access for embedded parts Screening Workshop No 03 Fixing of reinforcement Scaffolding for columns & beams Screening Work shop No 01 No Work Foundation Gallery Pouring of concrete Steel Fixing of Walls Breaking of stones with Jack Hammer Batching Plant Area No Work	Screening Workshop No.01 & 02 Removal of Formwork (Ground floor Scaffolding Fixing for beams & Slab (1st floor) Screening Workshop No 03 Fixing of Formwork Steel Fixing for columns Screening Workshop No 04 Steel Fixing Form work Fixing Foundation Gallery Fixing of Form work Fixing of Form work Breaking of stones with Jack Hammer Batching Plant Area Excavation & Mucking	Screening Workshop No.01 & 02 No Work Screening Workshop No 03 Fixing of Formwork Steel Fixing for columns Screening Workshop No 04 Formwork Fixing Pouring of concrete Foundation Gallery Fixing of Formwork Breaking of stones with Jack Hammer Batching Plant Area Excavation & Mucking
Kass Camp	Cleaning of rooms White washing (Painting) Some other decorative works Installation of pre-cast rooms Stone masonry Excavation and mucking Note: Local interrupted work for a few hours Reason: CGGC gave some minor contracts to people other than land owners.	Cleaning of rooms White washing (Painting) Some other decorative works Installation of pre-cast rooms Stone masonry Excavation and mucking	Cleaning of rooms 07:30Hrs~17:30Hrs White washing (Painting) Some other decorative works Stone masonry Excavation and mucking Note: Local people interrupted work and stopped access near grave yard. however work is continue on either side of grave yard. Reason: CGGC gave some minor contracts to people other than land owners.	Construction of sewerage of washrooms White washing (Painting) Some other decorative works Installation of pre-cast rooms Stone masonry Excavation and mucking Note: Local people interrupted work and stopped access near grave yard. however work is continue on either side of grave yard. Reason: CGGC gave some minor contracts to people other than land owners.	Sewerage system of washrooms White washing (Painting) Some other decorative works Stone masonry of retaining wall near KKH Excavation and mucking Compaction of foundation floor Note: Local people stopped work Reason: CGGC gave some minor contracts to people other than land owners.
CR-5-2 / LU-2	Fixing of scaffolding	Fixing of Formwork	Fixing of Scaffolding for water tank	Fixing of Scaffolding for water tank	Fixing of Scaffolding for water tank
Date/Day Location	11 Thu.	12 Fri.	13 Sat.	14 Sun.	15 Mon.
Diversion Tunnel A INLET	Roof Slab No Work Middle pier K0+002.3~0-035 No work Left wall No Work Right wall Steel Fixing Part No. 4 Making of access Part No. 3 Fixing of Formwork for crown concrete	Roof Slab No Work Middle pier K0+002.3~0-035 No work Left wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug 2022. Uchar Bridge and Water supply system collapsed again.	Roof Slab Formwork Fixing Middle pier K0+002.3~0-035 No work Left wall No Work Right wall Steel Fixing Part No. 4 No Work	Roof Slab No Work Middle pier K0+002.3~0-035 No work Right Wall No Work Left wall Steel Fixing Part No. 4 Making of access Part No. 3 Formwork Fixing	Roof Slab Fixing of scaffolding Middle pier K0+002.3~0-035 Steel Fixing Left Wall No Work Right wall Steel Fixing Part No. 4 No Work Part No. 3 No Work
Diversion Tunnel A UNDER GROUND	INVERT U/S Right side K0+166~K0+124 Cleaning of the rock surface for lean concrete pouring of concrete Quantity Poured C-20= 96m3 Right Side K0+100 ~ K0+124 Excavation with jack Hammer Rock surface cleaning for leveling concrete INVERT D/S Right Side K0+441~K0+453 Removal of formwork	INVERT U/S No Work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug 2022. Uchar Bridge and Water supply system collapsed again. Right Side K0+124~K0+096 Cleaning of rock surface for lean concrete D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug	INVERT U/S Right Side K0+070~K0+090 Excavation with Jack Hammer Cleaning & Mucking Invert cleaning for leveling concrete Right Side K0+100~ K0+124 Excavation with Jack Hammer INVERT D/S Right Side K1+161~ K1+172 Cleaning for 1m invert concrete D/S 3rd+4th Lift Left Side K1+450~K1+430 Excavation & Mucking	INVERT U/S Right Side K0+070~K0+090 No Work Right Side K0+090 ~K0+124 Excavation with Jack Hammer & Cleaning INVERT D/S Right Side K1+161~ K1+172 No Work D/S 3rd+4th Lift Right Side K1+455~K1+445 Drilling for blast Charging Blast 11:00Hrs Lunch break Excavation & Mucking	INVERT U/S Right Side K0+060~K0+090 No Work Excavation with Jack Hammer Right Side K0+090~K0+124 Cleaning of rock surface for leveling concrete INVERT D/S Right Side K1+161~K1+172 No Work D/S 3rd+4th Lift R+L K1+450~ Drilling for blast Charging Blast 15:30Hrs

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	Right Side K0+465~ K0+453 Cleaning of surface for invert 1m concrete Pouring of concrete Quantity poured A-25/50mm =118m3 K0+429~ K0+441 Cleaning of surface for invert 1m concrete D/S 3rd+ 4th	2022. Uchar Bridge and Water supply system collapsed again. Left Side K1+450~ Drilling for blast Charging blast 00:25Hrs	Right Side K1+423.5~ Survey for blast Drilling for blast Charging Blast 01:10Hrs Mucking	Lift Left Side K1+420~ K1+440 Survey for blast Drilling for blast Charging Blast 16:22Hrs Excavation & Mucking 16:50Hrs~18:00Hrs	
Diversion Tunnel B Inlet Portal	Roof Slab Fixing of Formwork Making access Shifting of steel Middle pier K0+002.3~ 0-035 No work Right wall Shifting concrete pipes Shifting of concrete pipes Left wall Fixing of steel & Formwork Part No.2 & 3 Steel Fixing	Roof Slab No Work Fixing of Formwork Middle pier K0+002.3 ~0-035 No work Right wall No Work Left wall No Work Part No.2 & 3 No Work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug 2022. Uchar Bridge and Water supply system collapsed again.	Roof Slab No Work Middle pier K0+002.3~0-035 Formwork Fixing Right wall Steel Fixing Left wall No Work Part No. 3 Formwork Fixing	Roof Slab Formwork fixing Middle pier K0+002.3~0-035 Steel Fixing Right wall Steel Fixing Fixing of scaffolding Left wall No Work Part No. 3 No Work	Middle pier K0+002.3~0-035 Steel Fixing No Work Left Wall No Work Right wall Steel Fixing Part No. 3 Fixing of scaffolding
Diversion Tunnel B UNDER GROUND	Invert U/S Right Side K0+225~K0+260 Cleaning of rock surface for leveling (lean) concrete Pouring of leveling concrete Quantity Poured C-20=136m3 Right Side K0+260~K0+290 Excavation with Jack Hammer Excavation with Jack Hammer Left Side 0+170~K0+182 Pouring of invert 1m concrete Quantity Poured A-25/50mm=115m3 Finishing of concrete surface Left Side K0+182~K0+194 Invert cleaning for invert 1m concrete Shear zone area Part No.01 No work Part No 2 No work Part No 3 Right side and left side Fixing of Formwork for crown concrete Tightening of scaffolding pipes Shifting of formwork plates (Lunch break Steel Fixing	Invert U/S No Work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug 2022. Uchar Bridge and Water supply system collapsed again. Right side K0+260~K0+290 Excavation & Mucking Cleaning for leveling concrete Left Side K0+064.5~K0+076.5 Drilling for Rock Dowels Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown Steel Fixing Part No.4 Right wall No work Part No.5 No work No Work due to Flood in Uchar Nullah again at 6:30am on 12th Aug 2022. Uchar Bridge and Water supply system collapsed again. 4th Lift K1+240~K1+250 Mucking	Invert U/S Right side K0+260~K0+290 Cleaning of the rock surface for leveling concrete Left Side K0+064~K0+076 Drilling for Rock bolts Grouting & Installation of Rock dowels Cleaning of surface for invert 1m concrete Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown Steel Fixing Part No.4 Right wall No work Part No.5 No work Invert D/S No work 4th Lift K1+240 ~K1+250 No Work Part No.4 Right wall No work Part No.5 No work Invert D/S No work 4th Lift Centre Side K1+245~K1+253 Excavation & Mucking	Invert U/S Right side K0+260~K0+290 Cleaning of the rock surface for leveling concrete Cleaning of rock surface for leveling concrete Left Side K0+064.5~K0+076.5 Cleaning of surface for invert 1m concrete Cleaning of surface for invert 1m concrete Crown K0+150~K0+230 Removal of loose shotcrete Shear zone area Part No.01 No work Fixing of scaffolding Part No 2 No work Part No 3 Crown Formwork adjustment Part No.4 Right wall No work Part No.5 No work Invert D/S No work 4th Lift K1+240 ~ K1+250 No Work	Invert U/S Right side K0+260 ~K0+290 Cleaning of the rock surface for leveling concrete Left Side K0+064.5~K0+076.5 Cleaning of surface for invert 1m concrete Pouring of concrete Quantity Poured A-25/50mm=130m3 Finishing of surface Left Wall K0+076.5~K0+088.5 Cleaning of surface for 1m invert concrete Left Side K0+182~K0+194 Chipping & Cleaning Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown Fixing of scaffolding Formwork adjustment Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156~K1+160 Drilling for blast Charging Blast 10:50Hrs Mucking Excavation & Mucking
Traffic Diversion Tunnel	K0+538.2~ Drilling for blast Charging Blast 02:50Hrs EL.856~ Fixing of wire mesh Excavation & Invert scaling	K0+538.5~ Mucking Execution of 1st layer shotcrete EL.856~ No Work	K0+528~K0+541 Drilling for Rock bolts Grouting & Installation of Rock bolts K0+541~ Drilling for blast Charging Blast 04:40Hrs EL.856~ Mucking & Scaling	K0+541~ Excavation & Mucking Charging for additional blast Blast 16:50Hrs Excavation & Mucking Execution of 1st layer shotcrete (8m3) Survey for blast K0+544 Drilling for blast EL.854~ Surface cleaning for wire mesh Fixing	K0+544~ Drilling for blast Charging Blast 12:35Hrs Charging for additional blast Additional blast 14:20Hrs Excavation & Mucking Geological mapping Execution of 1st layer shotcrete (8m3) Survey for blast K0+547~ Drilling for blast EL.854~ Drilling for Rock bolts
Cable crane foundation (Right Bank)	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor	EL. K1+074~1+067 No Work No work due to shortage of labor	Drilling for blast	Drilling for blast
Uchar New Crushing plant	Screening Workshop No.02 Fixing of scaffolding Fixing of scaffolding Screening Workshop No 03 Fixing of Formwork Screening Workshop No 04 No Work Foundation Gallery Fixing of Form work Batching Plant Area Breaking of stones with Jack Hammer Excavation & Mucking	Screening Workshop No.02 Fixing of scaffolding Screening Workshop No 03 Fixing of Formwork Screening Workshop No 04 No Work Foundation Gallery Fixing of Formwork Batching Plant Area Breaking of stones with Jack Hammer Excavation & Mucking	Screening Workshop No.02 Fixing of scaffolding Screening Workshop No 03 Fixing of Formwork Steel Fixing for beams Screening Workshop No 04 No Work Foundation Gallery Steel Fixing Batching Plant Area Breaking of stones with Jack Hammer	Screening Workshop No. 02 Fixing of scaffolding Screening Workshop No.01 Fixing of steel Screening Workshop No 03 Fixing of scaffolding Steel Fixing Screening Workshop No 04 No Work Foundation Gallery Steel Fixing Batching Plant Area Breaking of stones with Jack Hammer	Screening Workshop No.02 Fixing of scaffolding Screening Workshop No. 01 Fixing of steel Screening Workshop No 03 Fixing of scaffolding Screening Workshop No 04 No Work Foundation Gallery No Work Batching Plant Area No Work Breaking of stones with Jack Hammer Retaining Wall No 03 Stone Masonry
Kass Camp	No work (Work stopped by local people) Reason: There is an issue of land-owners and CGGC. CGGC gave some small contracts to other than land-owners.	No work (Work stopped by local people) Reason: There is an issue of land-owners and CGGC. CGGC gave some small contracts to other than land-owners.	No work (Work stopped by local people) Reason: There is an issue of land-owners and CGGC. CGGC gave some small contracts to other than land-owners.	No work (Work stopped by local people) Reason: There is an issue of land-owners and CGGC. CGGC gave some small contracts to other than land-owners.	No Work (Work stopped by local people) Reason:(Payment issue)
CR-5-2 / LU-2	K0+120~K0+123 Excavation & Mucking	K0+120~K0+123 No Work	Pouring of concrete (Water Tank)	Removal of scaffolding Steel Fixing for water tank	K0+120~K0+123 No Work

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Date/Day Location	16 Tue.	17 Wed.	18 Thu.	19 Fri.	20 Sat.
Diversion Tunnel A INLET	Roof Slab No Work Middle pier K0+002.3 ~0-035 Steel Fixing Left Wall No Work Right wall No Work Part No. 3 & 2 Fixing of Formwork	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel A UNDER GROUND	INVERT U/S Right Side K0+060~K0+090 Cleaning of rock surface for leveling Right Side K0+100~K0+124 Cleaning of rock surface for leveling concrete Right Side K0+088~K0+100 Excavation with Jack Hammer INVERT D/S Right Side K1+161 ~K1+172 No Work D/S 3rd+4th Lift No Work	INVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	INVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	INVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	INVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel B Inlet Portal	Middle pier K0+002.3 ~0-035 Steel Fixing Left Wall No Work Right wall No Work Part No. 3 No Work	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel B UNDER GROUND	Invert U/S Right side K0+260~K0+290 Cleaning of the rock surface for leveling concrete Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown Steel Fixing Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift Left Wall K1+160 , Right Wall K1+170~ Drilling for blast Charging Blast 11:50Hrs Mucking	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Traffic Diversion Tunnel Portal	K0+547~ Drilling for blast Charging EL.853~856 Drilling for Rock bolts	EL.854~ No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	K0+538~ Grouting & Installation of rock bolts 40 pieces grouted EL.854~ No Work	K0+550.7~ Drilling for blast Charging Blast 10:45Hrs Excavation & Mucking Execution of 1st layer shotcrete (8m3) K0+554.2~ Survey for blast Drilling for blast Charging Blast 06:40Hrs EL.852~ Drilling for blast	K0+554.2~ Excavation & N-mucking Geological Mapping Execution of 1st layer shotcrete (7m3) K0+534~ Fixing of wire mesh Survey for blast Drilling for blast Charging Blast 01:10hrs Excavation & Mucking EL.852~ Drilling for blast
Cable crane foundation (Right Bank)	Drilling for blast	No Work	No Work	No Work	Execution of pull out test

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Uchar New Crushing plant	Screening Workshop No.02 Fixing of Formwork Screening Workshop No.01 Fixing of Formwork Screening Workshop No 03 Fixing of steel Fixing of steel Screening Workshop No 04 No Work Foundation Gallery Steel Fixing Batching Plant Area No Work Breaking of stones with Jack hammer Retaining Wall No 03 Stone Masonry	Screening Workshop No.02 No Work Screening Workshop No.01 No Work Screening Workshop No 03 No Work Screening Workshop No 04 No Work Foundation Gallery No Work Batching Plant Area No Work Retaining Wall No 03 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Screening Workshop No.02 No Work Screening Workshop No.01 No Work Screening Workshop No 03 No Work Screening Workshop No 04 No Work Foundation Gallery No Work Batching Plant Area No Work Retaining Wall No 03 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Screening Workshop No.02 Steel Fixing Fixing of scaffolding Screening Workshop No.01Screening Workshop No 03 Formwork Fixing Screening Workshop No 04 No Work Foundation Gallery Pouring of concrete Batching Plant Area Excavation & Mucking Retaining Wall No 03 No Work	Screening Workshop No.02 Fixing of Formwork Screening Workshop No.01 Fixing of Scaffolding Screening Workshop No 03 Formwork Fixing Screening Workshop No 04 No Work Foundation Gallery Removal of Formwork Pouring of concrete for conveyor belt Batching Plant Area Excavation & Mucking Installation of Gabions for water Tank Retaining Wall No 03 Stone Masonry
Kass Camp	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)
CR-5-2 / LU-2	Steel Fixing for Water Tank Fixing of scaffolding for water tank	No Work	No Work	Formwork Fixing for water tank	Formwork Fixing for water tank
Date/Day Location	21 Sun.	22 Mon.	23 Tue.	24 Wed.	25 Thu.
Diversion Tunnel A INLET	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Roof Slab No Work Middle pier 0+002 .3~0-035 No Work Left Wall No Work Right wall No Work Part No. 4 No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel A UNDER GROUND	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel B Inlet Portal	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Middle pier K0+002.3 ~0-035 No Work Left Wall No Work Right wall No Work Part No. 3 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Diversion Tunnel B UNDER GROUND	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work	Invert U/S No Work Shear zone area Part No.01 No work Part No 2 No work Part No 3 Crown No Work Part No.4 Right wall No work

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	Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again .Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again .Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again. Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again .Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	Part No.5 No work Invert D/S No work 3rd Lift L+R K1+156 ~K1+160 No Work No Work due to Flood in Uchar Nullah on 16 August Night Shift. The Temporary access damaged again. Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.
Traffic Diversion Tunnel Portal	K0+536~ Fixing of wire mesh K0+558~ Mucking & Scaling Geological Mapping Execution of 1st Layer Shotcrete (5m3) K0+561~ Drilling for blast Charging blast 00:20Hrs Excavation & Mucking EL.852~ Drilling for blast	K0+561~ Excavation & Mucking Geological mapping Installation of thickness pins Execution of 1st layer shotcrete (8m3) K0+470~ Extension of ventilation duct K0+542~K0+547 Wire mesh Fixing K0+550~K0+564 Drilling for Rock bolts Grouting & Installation of Rock bolts EL.852~850 Drilling for blast Charging for blast Blast 17:10Hrs	K0+528~K0+542 Execution of 2nd layer shotcrete (24m3) K0+550~K0+564 Grouting & Installation of Rock bolts K0+565~ Survey for blast K0+547~ Wire mesh Fixing K0+565~ Drilling for blast EL.856~ Wire mesh Fixing EL.850~ Excavation & Mucking	K0+547~K0+551 Fixing of wire mesh K0+564.5~ Drilling for blast Charging for blast Blast 17:03hrs Excavation and mucking EL.856~ Wire mesh Fixing	K0+568~ Drilling for blast Charging for blast Blast 15:24hrs Excavation and mucking Mapping Spraying of 1st layer shotcrete Survey for blast K0+571~ Drilling for blast
Cable crane foundation (Right Bank)	No Work	No Work	No Work	No Work	No Work
Uchar New Crushing plant	Screening Workshop No.02 Fixing of Formwork Screening Workshop No.01 Fixing of steel Screening Workshop No 03 Fixing of scaffolding Screening Workshop No 04 No Work Foundation Gallery No Work Batching Plant Area Excavation & Mucking Excavation for water tank Excavation for water tank Retaining Wall No 03 Stone Masonry	Screening Workshop No.02 Fixing of embedded parts Fixing of embedded parts Screening Workshop No.01 Welding of steel plates Screening Workshop No 03 No Work Screening Workshop No 04 No Work Fixing of scaffolding Foundation Gallery Fixing of Formwork Steel Fixing Batching Plant Area Excavation Breaking of stones with Jack Hammer Retaining Wall No 03 Stone masonry	Screening Workshop No.02 Pouring of concrete for columns & Beams Screening Workshop No.01 Pouring of concrete for columns & Beams Screening Workshop No 03 Fixing of scaffolding Screening Workshop No 04 No Work Foundation Gallery Steel Fixing Batching Plant Area Drilling Charging Blast 15:10Hrs Excavation & Mucking Breaking of stones with Jack Hammer Retaining Wall No 03 Stone masonry	Fixing of embedded parts of crushing plant Fixing of embedded parts of crushing plant Screening Workshop No 03 Removing of form work Screening Workshop No 04 Steel Fixing Foundation Gallery Fixing of reinforcement and formwork Batching Plant Area Drilling for boulder blast Breaking of stones with Jack Hammer Retaining Wall No 03 Stone masonry	Fixing of embedded parts of crushing plant Fixing of embedded parts of crushing plant Screening Workshop No 04 Steel Fixing Foundation Gallery Fixing of reinforcement and formwork Batching Plant Area Breaking of stones with Jack Hammer Retaining Wall No 03 Stone masonry
Kass Camp	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)	No Work (Work stopped by local people) Reason:(Payment issue)
CR-5-2 / LU-2	Formwork Fixing for water tank	Fixing of scaffolding for water tank Formwork Fixing for Water Tank	Fixing of scaffolding for water tank Formwork Fixing for Water Tank	No Work	No Work

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Appendix K [10/26]

Daily Work Records of MW-02

Date/Day Location	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday	6 Saturday	7 Sunday
Main Access Tunnel	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.
Draft Tunnel Towards Tailrace Tunnel No 2	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity	Day Right side F. Ch.: 0+53.5 No Activity Night Right side F. Ch.: 0+53.5 No Activity
Draft Tunnel Towards Tailrace Tunnel No 1	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity
Exhaust Tunnel	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.
Service Tunnel C	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. Drilling for missing rock bolts	Note: -Design Excavation (450 m) has been Completed. Ch.:0+214~ Drilling for missing rock bolts
GIS Cavern Access Tunnel	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity Night F.CH:0+116 approx. No Activity
Transformer Cavern Pilot Tunnel I-2	Day F. Ch:0+241.0~ (D/S) No Activity due to Uchar bridge washed away. Night F. Ch:0+241.0~ (D/S) No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity Night No Activity	Day No Activity Night No Activity
Transformer Cavern Pilot Tunnel I-1 & I-3	Day I1 F.ch:0+241.0 Ch.: 0+25.0+40.0 rectification of rebar mesh on crown Ch.: 210 - 220 Invert drilling for blast.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day I3 No Activity i-1 F.ch:0+241.0 Ch.: 0+20.0+30.0 Work is resumed today	Day I3 F. Ch: 0+241.0 (D/S) F.CH:0+00.0 (U/S) Ch.:0+00.0~0+06.0 2nd pass of first layer shotcrete (PS Qty=8.0m³) Ch.:0+00.0~0+20.0	Day i-1 Ch.:0+040.0~0+047.0 Installation of rebar mesh on crown TC I-1, I-3 Ch.:0+00~0+25.0

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	<p>Working was stopped after 10:45 due to contractor QAQC day shift did not come at site because of Uchar bridge washed away I3 No Activity due to Uchar bridge washed away.</p> <p>Night I1 No Activity due to Uchar bridge washed away.</p> <p>I3 No Activity due to Uchar bridge washed away.</p>				<p>rectification of rebar mesh</p> <p>Night I3 No Activity i-1 F.ch:0+241 U/S Ch.:0+000-0+002 Installation of rebar mesh Ch.:0+30-0+35 Installation of rebar mesh</p>	<p>Rectification of rebar mesh on crown I1 Ch.:0+035.0-0+045.0 Installation of rebar mesh on crown Night I3 Ch.:0+000 1st layer of 2nd pass PS shotcrete (on face) Qty=4m³ Ch.:0+000-0+006.0 1st layer shotcrete 2nd pass PS Qty=4m³ Ch.:0+000 Survey for rock bolts at face Drilling for rock dowels 2 Holes Drilled. I1 U/S Ch.:0+000-0+020 Rectification of rebar mesh Ch.:0+035-0+040 Installation of rebar mesh Ch.:0+040-0+045 Installation of rebar mesh</p>	<p>Rectification of first layer rebar mesh on crown I3 F.CH.0+00.0 Drilling for rock dowels on face Installation & packing with mortar of 6m rock Night i-1 Ch.:0+135-0+130 Rectification of rebar mesh U/S Ch.:0+000-0+015 .0 3rd layer shotcrete SF Qty=24m³ Ch.:0+50-0+55 Fixing of rebar mesh I3 Grouting for 6m rock dowels on face 15 PCS Ch.:0+6.7-0+08 Grouting for missing rock dowels on crown 3 PCS Ch.:0+50-0+60 1st layer shotcrete 2nd pass Qty=8m³</p>
Powerhouse Cavern Pilot Tunnel (Left Crown portion) I-2	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day F. Ch:0+241.0-(D/S) Approx. Ch.:0+131 Work is resumed today Tensioning test for trial of PS tendon Night F. Ch:0+241.0 (D/S) No Activity</p>	<p>Day F. Ch:0+241.0-(D/S) Approx. Ch.:0+131.0 Residual Tensioning for trial of PS Tendon Night F. Ch:0+241.0 Ch.:0+025-0+020.0 Installation of rebar mesh 2nd layer at L/wall Ch:0+000</p>	<p>Day Ch.:0+136-0+120 breaking of under break left wall by jack hammer Night Ch.:0+15-0+20.0 Installation of rebar mesh 2nd layer at wall Ch.:0+90-0+100.0</p>
Powerhouse Cavern Pilot (Right Crown Portion) I-1 & I-3	<p>Day i-1 No Activity due to Uchar bridge washed away.</p> <p>i-3 F. Ch:0+000(U/S) Ch.: 0+100 - 130 2nd layer shotcrete on right wall. PS (Qty = 16m³)</p> <p>Working was stopped after 10:45 due to contractor QAQC day shift did not come at site because of Uchar bridge washed away.</p> <p>Night i-1 No Activity due to Uchar bridge washed away.</p> <p>i-3 No Activity due to Uchar bridge washed away.</p>	<p>Day i-1 No Activity due to Uchar bridge washed away.</p> <p>i-3 No Activity due to Uchar bridge washed away.</p> <p>Night i-1 No Activity due to Uchar bridge washed away.</p> <p>i-3 No Activity due to Uchar bridge washed away.</p>	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day No Activity due to Uchar bridge washed away.</p> <p>Night No Activity due to Uchar bridge washed away.</p>	<p>Day i-1 F. Ch Approx. 0+241.0(D/S) Ch.:0+25-0+30 Work is resumed today Drilling for PS tendon 14m I3 No activity Night I1 F. Ch:0+241.0(D/S) Ch.:0+111.55 Backfill grouting for PS tendon Location: PH49-10 Ch.:0+104-0+109 Drilling for PS tendon (14m) Ch.:.1.15-0+5.75 Water pressure test for PS tendon 6m I3 Ch:0+241.0 No Activity</p>	<p>Day i-1 Ch.:0+198.95-201.25 Water pressure for PS Tendons up to 14m I3 F. Ch:0+000(U/S) Ch.:0+134.0-0+63.25 10:25-12:50) 2nd pass of 2nd layer shotcrete on wall (PS Qty=16.0m³) Ch.:0+200.0-0+225.0 08:30-) Rectification of rebar mesh on wall Night i-1 Ch.:0+182.85-0+192.5 Water pressure test for PS tendon up to 14m i-3 Ch.:0+220-0+200.0 Rectification of 2nd layer rebar mesh on wall</p>	<p>Day I1 No Activity I3 Ch.:0+196.65-0+220.0 Rectification of 2nd layer rebar mesh on R/w wall Inspection has been done. Ch.:0+196.65-0+220.0 Second layer shotcrete on R/W wall (PS Qty=24.0m³) Ch.:0+111.0 Drilling for PS tendon of 14m Night I1 Ch.:0+102.35-0+118.45 Back fill grouting for PS tendon Ch.:0+111.55 Water pressure test for PS tendon (14m) I3 Ch.:0+100.0-0+110.0</p>

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							Installation of rebar mesh 2nd layer at wall
01A Drain Tunnel Left Crown of PH I-2	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Day F.ch:0+046.0(Approx.) Vertical Shaft No Activity
	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity	Night F.ch:0+046.0(Approx.) Vertical Shaft No Activity
Service Tunnel A	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations
	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations	Night F. Ch:0+567.5~ No Activity due to resource limitations
Penstock Adit Tunnel towards Lower pressure Tunnel No 1	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity
	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity	Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 No Activity
Penstock Adit Tunnel towards Lower pressure Tunnel No 2	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) Invert cleaning
	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity	Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity
Connection Tunnel to Powerhouse From STA	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Day F. Ch:0+076 R/w CH:0+036 Preparation for load testing	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Day F. Ch:0+076 No activity due to resources limitation and shortage of manpower
	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower	Night F. Ch:0+076 No activity due to resources limitation and shortage of manpower
STB from Powerhouse Connection Tunnel	Day F.Ch. 0+049.0~ approx. ~Drilling for blast Charging was not done by the contractor due to contractor	Day No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away.	Day F.Ch. 0+051.0~ approx. Work is resumed today	Day F.Ch. 0+051.0~ approx. Ch.:0+005.0~0+020.0 Joint Thickness test for shotcrete	Day F.Ch.: 0+051.0(Apraxia) No activity
	Night	Night	Night	Night	Night Charging for blast Exp=50kg	Night	Night

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	QAQC day shift did not come at site because of Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	No Activity due to Uchar bridge washed away.	No Activity due to Uchar bridge washed away.	No Activity due to Uchar bridge washed away.	Blast is carried out Night F.Ch.: 0+049.0 Ch.:0+49.0 1st layer shotcrete SF Qty=3m ³ Ch.:0+34~0+37 2nd layer shotcrete SF Qty=3m ³	Night F.Ch.: 0+051.0(Apraxia) No activity	F.Ch. 0+051.0 approx. Ch.:0+51.0 Survey for blast Drilling for blast
Surge Chamber Vault Access Tunnel	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No Activity due to Uchar bridge washed away. Night Junction Enlargement area Towards Right side enlarged crown Ch.:0+000~0+190 Excavation and levelling of road	Day No Activity due to Uchar bridge washed away. Night Junction Enlargement area Towards Right side enlarged crown Ch.:0+000~0+190 Excavation and levelling of road	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day No activity Night No activity	Day Junction Enlargement area Towards Left side enlarged crown Ch.:0+10.0) Drilling for blast on face Night Junction Enlargement area Towards Left side enlarged crown Ch.:0+10.0 Drilling for blast Charging for blast is in progress EXP=125kg	Day Towards Left side enlarged crown Ch.:0+10.0 Mucking & scaling Night Ch.:0+14.0 Survey for blast Drilling for blast
Existing shaft tunnel from I1 drain tunnel	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity
Drain tunnel	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity Night F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity	Day F. Ch949.5 Design excavation is complete No activity Night F. Ch949.5 Design excavation is complete No activity
CR-05-01 Access Road/Intake Area & LU-1	▼990 No Activity	▼990 No Activity	▼990 No Activity	▼990 No Activity	▼990 Work is resumed today 1) Charging for blast Exp=165kg Blast is carried out 2) Charging for blast Exp=50kg Blast is carried out LU-1 ▼976.0~977.0 Charging for blast Exp=85kg Blast is carried out	▼990 Mucking & loading	No activity
CT-2 Adit Tunnel	Day F. Ch: 0+088.0~ additional blast blast carried out Working was stopped after the blast Night No Activity	Day No Activity Night No Activity	Day No Activity Night No Activity	Day No Activity Night No Activity	Day F. Ch: 0+088.0~ No Activity Night F. Ch: 0+088.0~ No Activity	Day No Activity Night F. Ch: 0+88.0 Work resume Mucking was in progress	Day F. Ch: No Activity Night No Activity
Switchyard Day work	No Activity	No Activity	No Activity	No Activity	No Activity	No Activity	No Activity
Switchyard Compound	EI: ▼968~978 (6th layer) No Activity EI: ▼962~968 (5th layer) Drilling for blast	EI: ▼968~978 (6th layer) No Activity EI: ▼962~968 (5th layer) Drilling for blast	EI: ▼968~978 (6th layer) No Activity EI: ▼962~968 (5th layer) Drilling for blast	EI: ▼970~980 No Activity	EI: ▼968~978 (6th layer) No Activity EI: ▼962~968 (5th layer) Charging for blast holes=75mm,)	▼976.0~977.0 Excavation & mucking	EI: ▼962~968 (5th layer) ▼920.0~930.0 Excavation

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Date/ Day Location	8 Monday	9 Tuesday	10 Wednesday	11 Thursday	12 Friday	13 Saturday	14 Sunday
Main Access Tunnel	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch.: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch.: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch:0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 Design Excavation is completed. But support work is remaining.
Draft Tunnel Towards Tailrace Tunnel No 2	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)	Ch: K0+053.5 (Approx.) (No activity)
Draft Tunnel Towards Tailrace Tunnel No 1	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity	F ch:0+057.0 No activity
Exhaust Tunnel	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.	F. Ch:0+193 The Total tunnel length of excavation 215m has been completed while excavation of drop shaft to be commenced. Verification by inspection of support work still to be done. No Activity observed so far.
Service Tunnel C	Note: -Design Excavation (450 m) has been Completed. Ch.:0+224.5~0+308.5 Grouting and installation of missing rock bolts 2nd pass of 1st layer (3m ³ sf)	Note: -Design Excavation (450 m) has been Completed. Ch.:0+307.5.0~0+335.5 Second layer shotcrete sf Qty=15.0m ³	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.
Transformer Cavern I-2	Day F. Ch:0+241.0~ (D/S) No Activity Night F. Ch:0+241.0~ (D/S) No Activity	Day Ch 0+18.0~0+23.0 Soundness test of shotcrete on crack area crown. Night No Activity	Day Ch 0+18.0~0+20.0 Soundness test of shotcrete on crack area crown Night Ch.:0+85~0+105.0 1st layer of 2nd pass PS shotcrete Qty=8m ³	Day F. Ch:0+241.0~ (D/S) Ch.:0+18.0~0+23.0 Breaking of under break of left wall with jack hammer. Night Ch:0+111.0~0+106.0 Installation of first layer Rebar mesh on wall	Day F. Ch:0+241.0~ (D/S) No Activity due to Uchar bridge washed away. Night F. Ch:0+241.0~ (D/S) No Activity due to Uchar bridge washed away.	Day No Activity Night F. Ch:0+241.0~ (D/S) No Activity.	Day No Activity Night F. Ch:0+241.0~ (D/S) Ch.:0+100.0~0+105.0 Installation of rebar mesh at wall Ch.:0+80.0~0+100 1st layer 2nd pass shotcrete PS Qty=16m ³
Transformer Cavern Pilot Tunnel I-1 & I-3	Day i-1 Ch.:0+55.0~0+60.0 Installation of rebar mesh on crown Ch.:0+60.0~0+65.0 Installation of rebar mesh on crown Junction area Invert excavation and loading I3 Ch.:0+015.0~0+035.0 Rectification of first layer rebar mesh on crown 2nd layer Shotcrete (SF Qty=8m ³) Night	Day I-3 Ch.:0+05.0~0+015.0 2nd pass of Second layer Shotcrete (SF Qty=8m ³) Ch.:0+055.0~0+060.0 Installation of rebar mesh 1st layer I1 Ch.:0+65.0~0+70.0 Installation of rebar mesh on crown Ch.:0+015.0~0+025.0 Rectification of rebar mesh 1st layer	Day I1 Ch.:0+135.0~0+110.0 Rectification of rebar mesh on crown Note: Final inspection is done from Ch: 0+135.0~0+110.0 Ch.:0+70.0~0+065.0 Rectification of rebar mesh 1st layer I3	Day I1 Ch.:060.0~0+65.0 Installation of 1st layer rebar mesh I3 Ch.:0+00.0~0+020.0 1st layer shotcrete on wall (PS Qty=8m ³) Ch.:0+020.0~0+050.0 2nd pass of first layer shotcrete on wall (PS Qty=16m ³) Ch.:0+50.0~0+55.0	Day I1 Ch.:055.0~0+60.0 Installation of 1st layer rebar mesh on crown I3 Ch.:0+50.0~0+55.0 Fixing of 1st layer rebar mesh on crown Night I1 Ch.:0+50~0+60.0 Rectification of rebar mesh	Day I3 ch.:0+00.0~0+05.0 Fixing of 1st layer rebar mesh on crown Ch.:0+10.0~0+30 2nd pass of 1st layer shotcrete on wall i-1 Ch.:050.0~0+60.0 Rectification of 1st layer rebar mesh on crown Ch.:0+50.0~0+060 3rd layer shotcrete on crown (Qty=14.0m ³)	Day i-3 F. Ch:0+241.0~ (D/S) F.Ch.0+00.0(U/S) Ch.:0+00.0~0+05.0 Fixing of 1st layer rebar mesh on crown Ch.:0+40.0~0+50.0 Fixing of 1st layer rebar on wall Ch.:0+65.00~0+80.0 Rectification of 1st layer rebar mesh on wall Note: Final inspection is done

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	<p>CH:0+215.0~0+239 2nd layer Shotcrete Qty=24m³</p> <p>U/S I1 Ch:0+132~0+126 Rectification of rebar mesh U/S Ch:0+15~0+22 20:00~) Rectification of rebar mesh Ch:0+60~0+65 Installation of rebar mesh Ch:0+65~0+70 Installation of rebar mesh</p> <p>I3 Ch:0+010.0~0+022.0 2nd layer of 2nd pass SF shotcrete Qty=20m³</p>	<p>Note: Rectification is done from Ch:0+015.0~0+025 .0, final inspection is also done. Ch:0+15~0+25 2nd layer shotcrete Qty= 24m³ Night i-3 U/S Ch:0+59~0+54.0 Installation of 1st rebar mesh Ch:0+15~0+25.0 2nd layer shotcrete 2nd pass SF Qty=4m³ Ch:0+000~0+010 Installation of 1st layer rebar mesh I-1 Ch:0+110~0+116 Rectification of rebar mesh U/S Ch:0+65~0+70 Rectification of 1st layer rebar mesh Ch:0+50~0+55.0 Rectification of 1st layer rebar mesh Ch:0+15~0+28.0 2nd layer of 2nd pass SF Shotcrete Qty=4m³</p>	<p>Ch:0+055.0~0+06 0.0 Installation of rebar mesh 1st layer Ch:0+05~0+25 Removing of under break with jack hammer Night I3 Ch:0+05~0+25 Mucking Ch:0+85~0+79 Rectification of 1st layer rebar mesh i-1 Ch:0+135~0+110 3rd layer SF shotcrete Qty=35m³ U/S Ch:0+70~0+65 Rectification of 1st layer rebar mesh</p>	<p>Fixing of 1st layer rebar mesh on crown Ch:0+85.0~0+10 5.0 Rectification of 1st layer rebar mesh on crown Night I1 Ch:0+60.0~0+64. 0 Installation of First layer Rebar mesh I3 Ch:0+100.0~0+8 5.0 2nd layer SF shotcrete (15m³) U/S Ch:0+49~0+55.0 Installation of rebar mesh at wall Ch:0+55~0+61.0 Installation of rebar mesh at crown</p>	<p>I3 Ch:0+54~0+50.0 Installation of 1st layer rebar mesh Night I3 Ch:0+85.0~0+75. Rectification of rebar mesh Ch:0+00.0~0+05. Installation of rebar mesh i-1 Ch:60.0~0+70.0 Rectification of rebar mesh</p>	<p>ch:0+80.0~0+65. 0 Ch:0+65~0+75.0 3rd layer shotcrete on crown (PS Qty= 6m³) i-1 Ch:0+50.0~0+60. 0 Rectification 1st layer rebar mesh on crown Ch:0+020~0+50. 0 Remedial shotcrete on crown (Qty=24.0m³) Night I3 Ch:0+60~0+65.0 Rectification of rebar mesh on wall Ch:0+40~0+35.0 Installation of rebar mesh on wall CH:0+000~0+010. 0 Installation and</p>	
<p>Powerhouse Cavern Pilot tunnel (Left Crown portion) I-2</p>	<p>Day Ch:0+110.0~0+132.0 breaking of under break left wall with jack hammer) Mucking Ch:0+088.55~0+072. 45 Rectification of 2nd layer rebar mesh at wall Night Ch:0+15~0+10.0 Installation of 2nd layer rebar mesh at wall Ch:0+80~0+100 Rectification of 1st rebar mesh at wall Ch:0+142~0+120 Under break Mucking and scaling</p>	<p>Day Ch:0+009.2~0+003 .45 Installation of rebar mesh 2nd layer Ch:0+025.3~0+012. 65 Rectification of rebar mesh 2nd layer on wall Ch:0+087.0~0+065 Rectification of rebar mesh 2nd layer on wall Inspection of rebar mesh done, Night U/S Ch:0+000~0+05.0 Installation of rebar mesh Ch:0+12~0+31.0 Shotcrete 3rd layer SF at wall Qty=16m³ Ch:0+65~0+87.0 Shotcrete 3rd SF layer at wall Qty=16m³</p>	<p>Day Ch:0+00~0+015. 0 Rectification of rebar mesh 1st layer Ch:0+088.55~0+1 07.0 Rectification of rebar mesh 1st layer on wall Second layer shotcrete (PS Qty=16.0m³) Night Ch:0+135~0+142. 0 Under break removing by jack hammer U/S Ch:0+31~0+65 Rectification of 2nd layer rebar mesh Ch:0+000~0+013. 0 2nd layer PS Shotcrete Qty=7m³</p>	<p>Day ch:0+123.0~127. 0 Breaking of under break of left wall with jack hammer. Night Ch:0+125.0 Removing of under break with jack hammer U/S Ch:0+000.0 Installation of 2nd layer wire mesh on face Ch:0+65.0~0+31. 0 Rectification of 2nd layer rebar mesh at wall</p>	<p>Day Ch:0+035.0~0+50. 0 Rectification of 2nd layer rebar mesh on wall Ch:0+65.0~0+050. 0 Rectification of 2nd layer rebar mesh on wall Night Ch:0+000.0 Installation of 2nd layer wire mesh on face Ch:0+65.0~0+31 Rectification of 2nd layer rebar mesh Ch:0+65.0~0+46.0 3rd layer shotcrete on wall (PS Qty=12.8m³)</p>	<p>Day Ch:0+035.0~0+46.0 Rectification of 2nd layer rebar mesh on wall ch:0+125.0~ Mucking Night Ch:0+46.0~0+33.3rd layer PS shotcrete Qty=11m³</p>	<p>Day Ch:0+090.0~095. 0 Fixing of 2nd layer rebar mesh on wall Night Ch:0+094.0~097. 0 Installation of 2nd layer rebar mesh</p>
<p>Powerhouse Cavern Pilot I-1 & I-3</p>	<p>Day i-1 Ch:0+200.0~0+241. 0 Soundness test of shotcrete Ch:0+118.45~102.35 Water pressure test for PS Tendons up to 14m. Ch:0+110~0+93.15 Installation of supporting bars for 7m tension rock bolts I-3</p>	<p>Day i-3 No Activity i-1 Ch:0+239.20 Packer Grouting for tension rock. Night I-1 No Activity i-3 Ch:0+241.0 Ch:0+115~0+112 Installation of 1st layer rebar mesh</p>	<p>Day I3 Ch:0+00.0~0+03 1.5 Rectification of 1st layer rebar mesh on wall i-1 Ch:0+102.35 Drilling for PS Tendons up to 14m Location: PH-45-6 Ch:0+100.50~0+ 104.65</p>	<p>Day i-3 Ch:0+92.0~0+08 0.0 Rectification of 2nd layer rebar mesh on wall Ch:0+031.5~0+0 20.0 2nd pass of second layer shotcrete on wall (PS Qty=5.0m³) Note: Shotcrete reboot is not operating due to less electricity</p>	<p>Day i-1 No Activity due to Uchar bridge washed away. I3 No Activity Night i-3 Ch:0+123.0~0+12 7.0 Installation of 2nd layer rebar mesh Ch:0+165~0+160. 0</p>	<p>Day I1 Ch:0+100.0~0+100.0 ~108.0 Grouting of trial PS tendons. I3 Ch:0+01.15~0+5.5 Sika concrete head cap for tension rock bolts Ch:0+070.0~0+080 .0 Rectification of 2nd layer rebar mesh on wall</p>	<p>Day i-3 Ch:0+00.0~0+07 .0 Sika concrete head cap for tension rock bolts Ch:0+57.0~0+45 .0 Rectification of 2nd layer rebar mesh on wall Ch:0+125.0~0+1 30.0</p>

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	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	No Activity Night F.CH:0+116 approx. No Activity
Connection Tunnel to Powerhouse From STA	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity	F. Ch:0+076 No Activity
STB from Powerhouse Connection Tunnel	Day F.Ch.: 0+051.0~ Charging for blast Exp=50kg Blast carried out Mucking & Mapping (Qv=1.67) Night Blast carried out	Day F.Ch.: 0+055.5 Mapping (Qv=2.8) F. Ch. 0+55.5 survey for blast Night F.Ch.: 0+055.0 Drilling for blast Charging for blast Blast carried out	Day F.Ch.: First layer shotcrete Drilling for blast Night F.Ch.: 0+057.0 Charging for Blast carried out	Day F.Ch.: 0+057.0~(Approx.) First layer shotcrete (Qty=3.0m³) Night No Activity	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day F.Ch.: 0+057.0~(Approx.) No Activity Night F.Ch.: 0+057.0~ (Approx.) No Activity	Day Drilling for blast Blast carried out Night Survey for blast Drilling for blast
Surge Chamber Vault Access Tunnel	Day Junction Enlargement area Towards Right side Chamber #02 Ch.:0+14.0~ Drilling for blast Night Junction Enlargement area Towards Right side Chamber #02 Ch:0+14.0 Drilling for blast	Day Junction Enlargement area Towards Right side Chamber #02 Ch.:0+16.50~(Approx.) Mucking & scaling. Night Junction Enlargement area Towards Right side Chamber #02 Ch:0+14.0~0+17.5 Mucking and scaling	Day Junction Enlargement area Towards Right side Chamber #02 F.CH:0+16.8~ Ch.:0+014.0~0+016.8 First layer shotcrete Qty=7.0m³ Survey for blast Drilling for blast Night Junction Enlargement area Towards Right side Chamber #02 F.CH:0+16.8 Drilling for blast	Day Junction Enlargement area Towards Right side Chamber #02 Ch.:0+17.80~ Drilling for blast Charging for blast (Exp=150.0kg) Blast carried out Towards lift side Chamber #01 Ch:0+16.5~ Drilling for additional blast Charging for blast (Exp=35.0kg) Blast carried out Night No Activity	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day Junction Enlargement area Towards Right side Chamber #02 Mucking Night Junction Enlargement area Towards Right side Chamber #02 Scaling & Invert leveling	Day Junction Enlargement area Towards Right side Chamber #02 Mucking Night Geological mapping QV=0.63 1st layer shotcrete PS Qty=4m³ survey for blast Drilling for blast
Existing shaft Tunnel from I1 drain	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity Night Vertical Existing shaft No Activity
Drain Tunnel	Day F.Ch. 0+949.5.0 No Activity Night F.Ch. 0+949.5.0 No Activity	Day F.Ch. 0+949.5.0 No Activity Night F.Ch. 0+949.5.0 No Activity	Day No Activity Night No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete Night F.Ch. 0+949.5.0 Design excavation is complete	Day F.Ch. 0+949.5.0 Design excavation is complete Night F.Ch. 0+949.5.0 Design excavation is complete	Day F.Ch. 0+949.5.0 Design excavation is complete Night F.Ch. 0+949.5.0 Design excavation is complete	Day F.Ch. 0+949.5.0 Design excavation is complete Ch.: 0+685~0+720 Remedial shotcrete (9m³ SF)
CR-5-1 Access road and LU-1- Intake area	▼1005 Ch. 0+120.0~0+123.0 Mucking	▼1005 Ch. 0+120.0~0+123.0 Mucking	▼1005 Ch. 0+120.0~0+123.0 Mucking	▼1005 Ch. 0+120.0~0+123. Excavation by Excavator and Mucking	No Activity due to Uchar bridge washed away.	▼1005 Ch. 0+120.0~0+123.0 No Activity	▼1005 Ch. 0+120.0~0+123. Excavation and Mucking
CT-2	Day F. Ch: 0+091.0~ No Activity Night Ch.:0+94.0 Charging for additional blast Exp=25kg Blast carried out Mucking and scaling	Day F. Ch: 0+094.0~ Drilling for rock bolts Grouting and installation of rock bolts 32 pcs Night Ch:0+91.0~0+94.0 1st layer PS shotcrete Qty=3m³ Ch:0+82.0~0+91.0 2nd layer PS Remedial Shotcrete Qty=11m³	Day F. Ch: 0+094.0~ Ch. 0+27~0+60 Thickness test of shotcrete Night No Activity	Day F. Ch: 0+094.0~ Cleaning of tunnel drainage and portal area Night F. Ch: 0+94.0 Drilling for blast Charging for blast (Exp=125kg) 2:40 Blast carried out 3:15_Mucking	Day No Activity due to Uchar bridge washed away. Night No Activity due to Uchar bridge washed away.	Day F. Ch: 0+094.0~ ch.:0+96.0 Survey for blast Drilling for blast Night F. Ch: 0+96.0 Drilling for blast Charging for blast Blast carried out Mucking	Day F. Ch: 0+096.0~0+99 approx. Mucking Charging for additional blast Exp.25kg Blast carried out Mucking and scaling Mapping Q=1.87 1st layer shotcrete PS 8m³ Night F. Ch: 0+99.2 Ch:86.0 Drilling for rock dowels Drilling for blast

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Transformer Cavern Pilot Tunnel I-2	Day Ch.:0+100.0~0+95.0 Fixing of 1st layer rebar mesh on wall Night Ch.:0+134~0+105.0 Rectification of rebar mesh Ch: 0+95~0+90. Installation of rebar mesh	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Powerhouse Cavern Pilot tunnel (Left Crown portion) I-2	Day F. Ch:0+00.0(U/S) Ch:0+078.0~0+075.0 Fixing of Head cap formwork for tension rock bolts	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Powerhouse Cavern Pilot (Crown Portion) PH-I-3 & I-1	Day i-1 Ch.:0+01.15~0+04.5 0 Sika crate 114 for head cap of (07m) tension rock bolts I3 Ch.:0+026.0~0+021.0 Fixing of 2nd layer rebar mesh on wall	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
01A Drain Tunnel Left Crown of PH I-2	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 Mucking Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity	Day F. Ch:0+041.5 No Activity Night F. Ch.:0+41.5 No Activity
Service Tunnel A	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations	Day F. Ch:0+567.5~ No Activity due to resource limitations Night F. Ch:0+567.5~ No Activity due to resource limitations
Penstock Adit Tunnel towards Lower pressure Tunnel No 1	Day PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Ch.:0+010.5(Approx.) No Activity Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Ch.:0+010.0(Approx.) Charging for blast (Exp=25kg) Blast carried out	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Day Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022 Night PAT-01 Design Excavation is complete Lower Pressure Tunnel 01 Ch.: 0+002~0+005 Shotcrete 1st layer (5m³ PS)	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Penstock Adit Tunnel towards Lower pressure Tunnel No 2	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+00.0~0+004 (LPT Left wall) No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+220.0~0+240 PAT-	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021	Day PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021 No Activity Night PAT- 02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold) F. Ch: 0+021

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	02 Design Excavation Complete Lower Pressure Tunnel 02 (towards manifold Invert cleaning	No Activity	No Activity	No Activity	No Activity	No Activity	No Activity
GIS Cavern Access Tunnel from STA	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity	Day F.CH:0+116 approx. No Activity
	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity	Night F.CH:0+116 approx. No Activity
Connection Tunnel to Powerhouse From STA	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity
	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity	Night F. Ch:0+076 No Activity
STB from Powerhouse Connection Tunnel	Day Mucking & scaling Mapping (Qv=2.8)	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
	Night F.Ch.: 0+034.0(Apraxia) No Activity						
Surge Chamber Vault Access Tunnel	Day Junction Enlargement area Towards Right side Chamber	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
	Night Junction Enlargement area Towards Left side Chamber #02 F.ch:20.5(Approx.) Ch:0+11.0-0+20.5 First layer of 2nd pass PS shotcrete Qty=8m ³						
Drain Tunnel	Day F. Ch949.5 Design excavation is complete No activity	Day F. Ch949.5 Design excavation is complete No activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No Activity
	Night F. Ch949.5 Design excavation is complete No activity	Night F. Ch949.5 Design excavation is complete No activity	Night Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Night Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Night Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Night Day F.Ch. 0+949.5.0 Design excavation is complete No Activity	Night Day F.Ch. 0+949.5.0 Design excavation is complete No Activity
Existing shaft tunnel from I1 drain tunnel	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity	Day Vertical Existing shaft No Activity
	Night No Activity	Night No Activity	Night No Activity	Night No Activity	Night No Activity	Night No Activity	Night No Activity
CR-5-1 Access road and LU-1	▼1005 Ch. 0+120.0-0+123 Excavation & mucking	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	El: ▼1005 Ch. 0+120.0-0+123.0 Drilling for blast Excavation and Mucking	El: ▼1005 Ch. 0+120.0-0+123.0 Drilling for blast Excavation and Mucking	LU-1 ▼976.0-977.0 Excavation and Mucking
CT-2	Day F. Ch: 0+99-0+102.0 approx. Drilling for blast Charging for blast (Exp=200kg) Blast carried out Charging for additional blast (Exp=25kg) Additional Blast carried out Mucking	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022

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Switch Yard Compound	El: ▼970~973 (5th layer Right side) Manually drilling for blast ▼920.0~930.0 Excavation and mucking	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Switch Yard Day Work	Day work order No Activity	Day work order No Activity	Day work order No Activity	Day work order No Activity	Day work order No Activity	Day work order No Activity	Day work order No Activity

ate/Day Location	22 Monday	23 Tuesday	24 Wednesday	25 Thursday
Main Access Tunnel	DAY F. Ch:0+963 No Activity due to Limited resources Design Excavation is completed. But support work is remaining. NIGHT F. Ch:0+963 No Activity due to Limited resources Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.	DAY F. Ch: 0+963 Design Excavation is completed. But support work is remaining. NIGHT F. Ch: 0+963 Design Excavation is completed. But support work is remaining.
Draft Tunnel Towards Tailrace Tunnel No 2	Day Ch: K0+053.5 No Activity Night Ch: K0+053.5 No Activity.	Day Ch: K0+053.5 No Activity Night Ch: K0+053.5 No Activity.	Day Ch: K0+053.5 No Activity Night Ch: K0+053.5 No Activity.	Day Ch: K0+053.5 No Activity Night Ch: K0+053.5 No Activity.
Draft Tunnel Towards Tailrace Tunnel No 1	Day F ch:0+057.0 No Activity Night F ch:0+057.0 No Activity	Day F ch:0+057.0 No Activity Night F ch:0+057.0 No Activity	Day F ch:0+057.0 No Activity Night F ch:0+057.0 No Activity	Day F ch:0+057.0 No Activity Night F ch:0+057.0 No Activity
Exhaust Tunnel	Day F. Ch:0+193 Design excavation is completed only support work is remaining. Night F. Ch:0+193 No Activity due to Limited resources Design excavation is completed only support work is remaining.	Day F. Ch:0+193 No Activity Design excavation is completed only support work is remaining. Night F. Ch:0+193 No Activity Design excavation is completed only support work is remaining.	Day F. Ch:0+193 No Activity Design excavation is completed only support work is remaining. Night F. Ch:0+193 No Activity Design excavation is completed only support work is remaining.	Day F. Ch:0+193 No Activity Design excavation is completed only support work is remaining. Night F. Ch:0+193 No Activity Design excavation is completed only support work is remaining.
Service Tunnel C	Note: -Design Excavation (450 m) has been Completed. Ch.:0+341~0+359.0 Grouting for rock dowels	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work.	Note: -Design Excavation (450 m) has been Completed. No Activity regarding to Support work
Transformer Cavern Tunnel i-2	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Transformer Cavern Pilot Tunnel I-1 and I-3	suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Powerhouse Cavern Pilot tunnel (Crown portion) I-2	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Day Invert Excavation Night Invert excavation	Day Invert Excavation Night Invert excavation	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Powerhouse Cavern Pilot (Right Crown Portion) I-3 & I-1	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Day Ch.:0+00.0(U/S) Invert drilling at powerhouse junction (Holes =02, length=6m) Electricity heartening pits work. Night At ET-PET junction Invert drilling for electricity heartening up to 6m. (2 holes)	Day i-1 F Ch.:0+00.0(U/S) At ET-PET junction Electricity heartening pits work	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
01A Drain Tunnel Left Crown PH I-2	Day F.ch:0+046.0(Approx.) No activity Night F.ch:0+046.0(Approx.) No activity	Day F.ch:0+046.0(Approx.) No activity Night F.ch:0+046.0(Approx.) No activity	Day F.ch:0+046.0(Approx.) No activity Night	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022

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			F.ch:0+046.0(Approx.) No activity	
Service Tunnel A	Day F. Ch:0+567.5 No Activity due to resource limitations Night F. Ch:0+567.5 No Activity due to resource limitations	Day F. Ch:0+567.5 No Activity due to resource limitations Night F. Ch:0+567.5 No Activity due to resource limitations	Day F. Ch:0+567.5 No Activity due to resource limitations Night F. Ch:0+567.5 No Activity due to resource limitations	Day F. Ch:0+567.5 due to resource limitations Night F. Ch:0+567.5 No Activity due to resource limitations
Penstock Adit Tunnel towards Lower pressure Tunnel No 1	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Penstock Adit Tunnel towards Lower pressure Tunnel No 2	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
GIS Cavern Access Tunnel from STA	Day F.ch:0+116 No Activity Night F.ch:0+116 No Activity	Day F.ch:0+116 No Activity Night F.ch:0+116 No Activity	Day F.ch:0+116 No Activity Night F.ch:0+116 No Activity	Day F.ch:0+116 No Activity Night F.ch:0+116 No Activity
Connection Tunnel to Powerhouse From STA	Day F. Ch:0+076 No Activity due to lack of available resources. Night F. Ch: 0+076 No Activity due to lack of available resources.	Day F. Ch: 0+076 No Activity due to lack of available resources. Night F. Ch:0+076 No Activity due to lack of available resources.	Day F. Ch: 0+076 No Activity due to lack of available resources. Night F. Ch: 0+076 No Activity due to lack of available resources.	Day F. Ch: 0+076 No Activity due to lack of available resources. Night F. Ch: 0+076 No Activity due to lack of available resources.
Service Tunnel B	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Surge Chamber Vault Access Tunnel	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Existing shaft tunnel from I1 drain tunnel	Vertical Existing shaft No Activity	Vertical Existing shaft No Activity	Vertical Existing shaft No Activity	Vertical Existing shaft No Activity
Drain Tunnel	Day F.Ch. 0+949.5.0 Design excavation is complete No activity Night F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No activity Night F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No activity Night F.Ch. 0+949.5.0 Design excavation is complete No Activity	Day F.Ch. 0+949.5.0 Design excavation is complete No activity Night F.Ch. 0+949.5.0 Design excavation is complete No Activity
Intake platform Protection fence	El: ▼1005 Ch. 0+120.0~0+123.0 Drilling for blast 7 holes 8 in progress Formwork fixing at CR-2 intake water tank	El: ▼1005 Ch. 0+120.0~0+123.0 Excavation and Mucking Formwork fixing at CR-2 intake water tank	El: ▼1005 Ch. 0+120.0~0+123.0 Excavation and Mucking Formwork fixing at CR-2 intake water tank	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
CT-2 Adit Tunnel	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Switch yard Compound	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022	Note: suspension of work due to contractor's failure to ensure safe working condition from 16/08/2022
Switch yard Day work order	Day work order No Activity	Day work order No Activity	Day work order No Activity	Day work order No Activity

