



DASU HYDROPOWER CONSULTANTS

Dasu Hydropower Project

Joint Venture of



DOLSAR
ENGINEERING

With sub-consultants



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Contract No: DHP-CSA01

Our Ref. No: DHC/Dasu/WAPDA/GEN/tm/22-629

Date: 14th October, 2022

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

Subject: Dasu HPP – MPR No.98 for the Month of September 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.98 (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

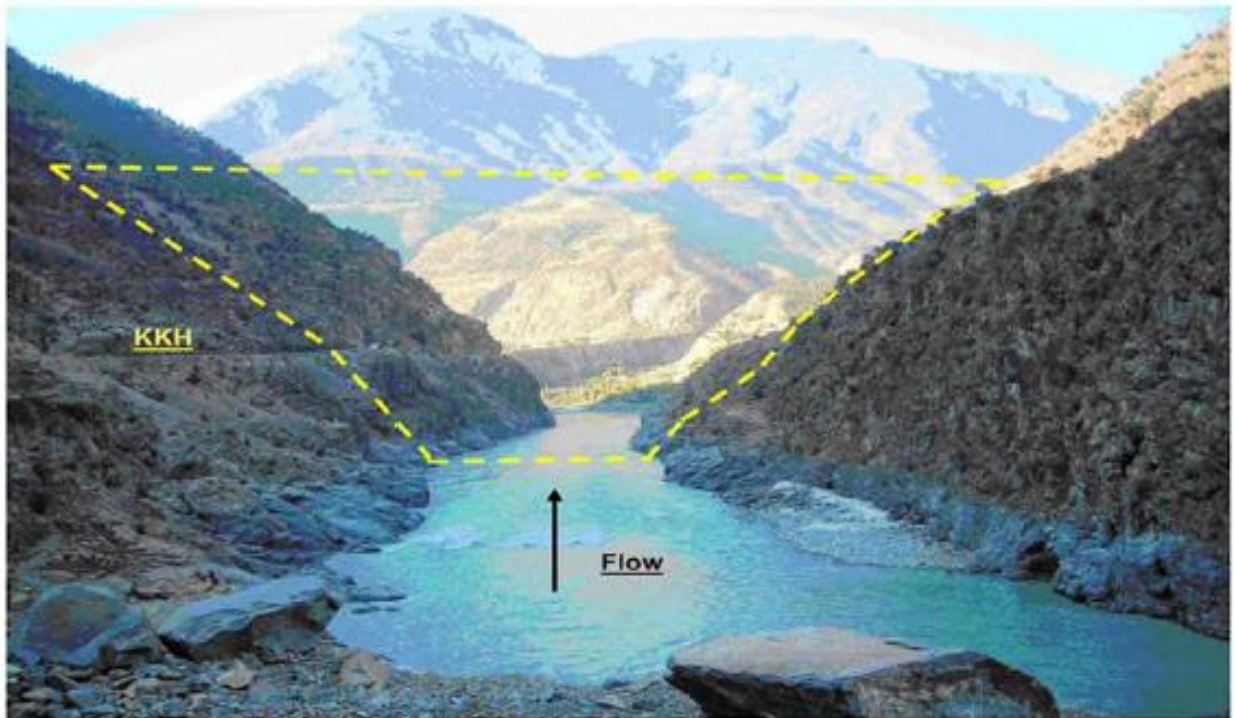
DASU HYDROPOWER PROJECT

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. 98

September 2022

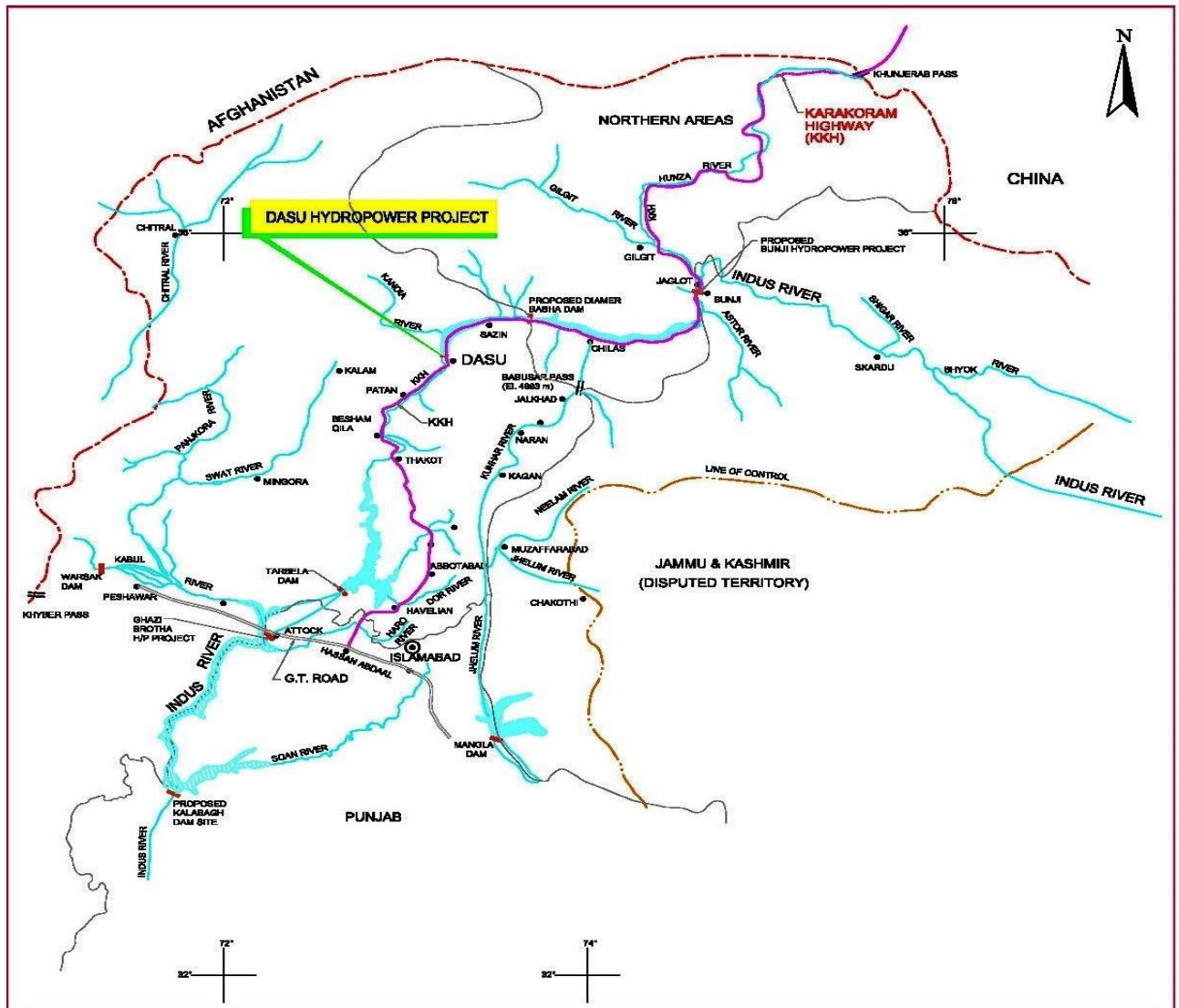
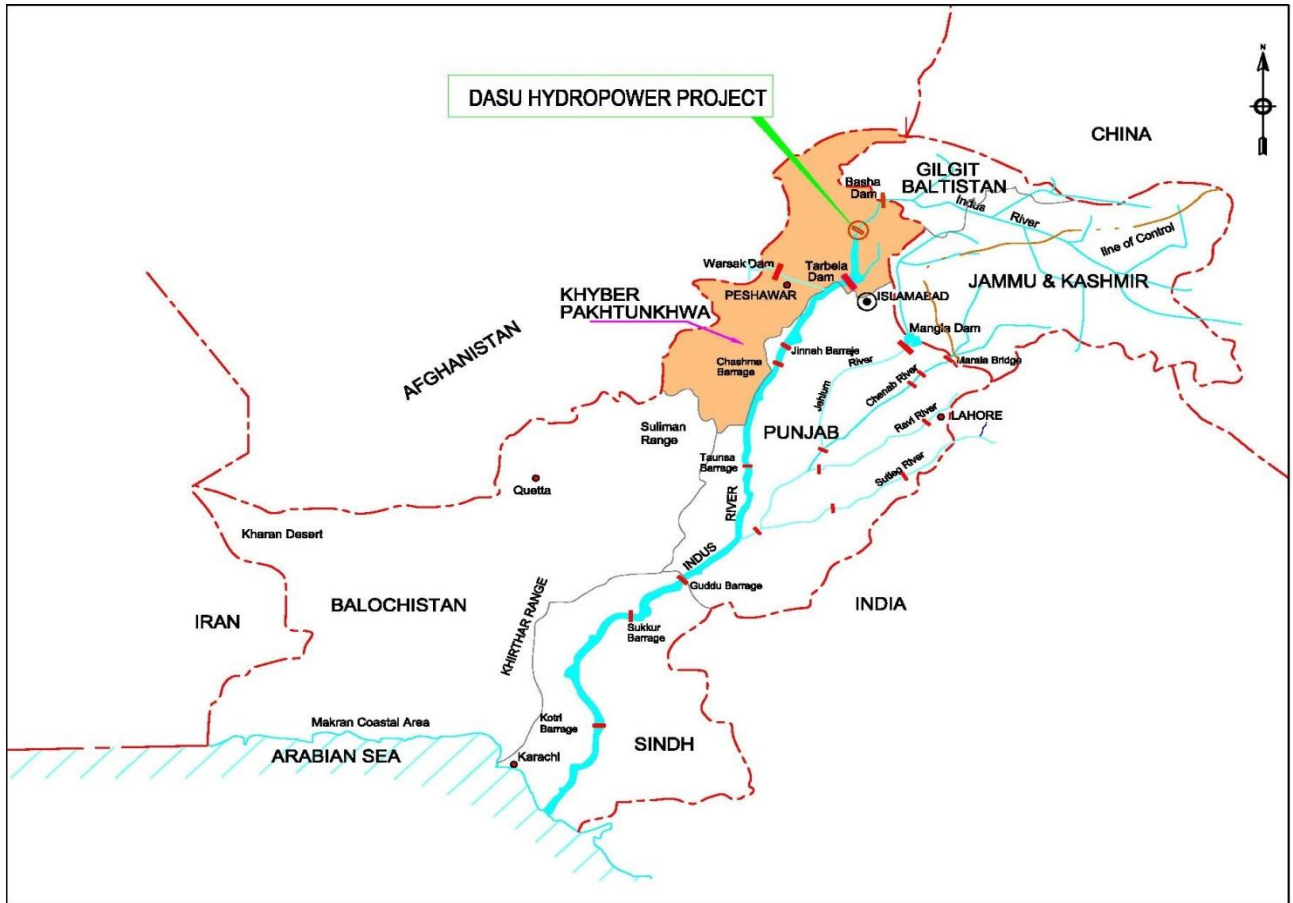
Dasu Hydropower Consultants (DHC)

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.)

Item	Features
- Intake maintenance stop log	2 No, slide, 9.5 m (W) x 12.5 m (H)
- Intake gantry crane	1 No, for operation of stop logs and trash racks
Power Tunnel	
- Number and Shape	2 No, circular (After complete Stage II: 4no)
- Size and Lining	D=12 m, concrete lined
- Steel manifolds and branch pies	4 No, D=12.5 m to 5.5 m
- Average Length incl. shaft	450 m
Power Generation	
- Installed Capacity	2,160 MW (after completion of Stage II: 4,320 MW)
- Generating Units	6 No (after completion of Stage II: 12 No), Francis turbines
- Generating Unit Capacity	360 MW, 166.7 rpm
- Powerhouse Location	Underground, left bank
- Powerhouse Cavern L x W x H	212 m (424 m) x 31 m x 62 m
- Transformer Cavern L x W x H	212 m (424 m) x 22 m x 33.5 m
- Maximum Gross Head under 12-unit operation	187.17 m
- Design Head	179.51 m
- Rated Discharge	1,335 m ³ /s for 6 units, 2,670 m ³ /s for 12 units
- Rated Voltage	16.5 kV
- Annual Energy Production Pre-Basha	12,225 GWh (18,432 GWh)
- Plant Factor	49%
Tailrace Tunnel	
- Number and shape	2 No (after completion of Stage II 4 No), D-shaped
- Size and lining	10 m (W) x12.5 m (H) concrete lined
- Discharge per Tunnel	667.5 m ³ /s
- Average Length	2,152 m incl. draft tunnel
- Surge Chamber	2 No (after completion of Stage II: 4 No), D=37 m, H=56 m
- Surge Chamber Stop logs	4 No slide, 6.2 m (W) x 7.8 m (H) with gantry crane
- Tailrace Outlet Gates	4 No (after completion of Stage II: 8 No) fixed wheel, 9.0 m (W) x 8.0 m (H)
Tail Water Level	
- Flood Water Level under SCF	EL. 778.39 m
- Tail water level under 12-unit operation	EL. 762.83 m
- Tail water level under 3-unit operation	EL. 759.24 m
Power Transmission	
- Transmission Voltage	765 kV (AC)
- Powerhouse Substation	765 kV GIS, Underground
- Take-off Switchyard	765 kV AIS, Surface
Relocation of Karakoram Highway (KKH)	62 km
Right Bank Access road from Komila to Uttar Gah Via Dam Crest	81 km
Major Project Roads	
- Access to Left Abutment of Dam Crest from Relocated KKH via Switchyard	2.4 km

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1 EXECUTIVE SUMMARY

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

1.1 Major Events

- (1) Chairman WAPDA WAPDA visited the Dasu site on 14th September 2022. GM/PD WAPDA and the Engineer have briefed the Chairman regarding the ongoing works. Different challenges/ issues were discussed, especially the dewatering of flooded water from the Diversion Tunnels and the completion of the river diversion scheme within this low flow season.
- (2) Advisor WAPDA Mr. Nasir Hanif also visited the Dasu site and conducted meetings with the Engineer and the Contractors from 13th September 2022 to 15th September 2022. Progress of works and issues of every contract were discussed.
- (3) A meeting was held with NHA, WAPDA, NESPAK, and DHC in the office of Member (Planning) HNA, Islamabad on 16th September 2022, wherein the issues related to the review of the design of KKH-01 and KKH-02 were discussed.
- (4) Mr. Muhammad Akram, Director (Contracts) CU, o/o GM/PD, DHPP, WAPDA, Lahore, and his team visited the Dasu site on 19th Sept 2022 to perform an audit of the Consultants (M/s DHC).
- (5) During the month of September 2022, an amount of PKR 130,851,443/- was paid as compensation payment to 111 PAPs of 20 components. A total of 132 cheques were issued by DC office during the month of September 2020.

At the end of September 2022, a total amount of PKR 19.08 billion was paid, including PKR 18.74 billion to 7,676 PAPs through 11,349 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)

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Sr. No.	Contract No.	Date of Award	Date of Signing	Commencement Date	Original Completion Date	Name of Contractor
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 Bank's 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

Sr. No.	Assignment B	Numbers of Copy
13.	Operation Manual for M&E Equipment	10
14.	Operation Manual for Civil Structures	10
15.	Operation Manual for Gates and Hydraulic Steel Structures	10
16.	Completion Reports	10
17.	Initial Inspection Report before start of Operation	10
18.	Initial Inspection Report after four months of Operation	10
19.	Testing Report at M&E Manufacturers premises	10

3.2.4 Commencement of the Services

Assignment – A

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

Assignment – B

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

3.3 Staffing Status

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

Table 3.2: Summary of the DHC Staff MMs

Members (1)	MMs as per Approved AM-4 (B) (2)	MMs Consumed up to previous month (3)	MMs Consumed during the month (4)	Accumulated MMs (5)=[3+4]
NK	1,196.70	809.66	14.03	823.74
Dolsar	520.96	330.34	6.83	337.17
Locals	8,950.44	5,447.75	88.73	5536.48

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	27	102	234	363
Grand Total					388

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. Naim Karaman	Deputy Project Manager	03 rd Sep, 2022	Dolsar
2	Mr. Nguyen Huu Duong	Assistant Design Engineer	05 th Sep, 2022	NK
3	Mr. Ali Murat Ozbek	Construction Technical Advisor	07 th Sep, 2022	NK
4	Mr. Juan Carlos Hernandez	Schedule & Analysis Specialist	08 th Sep, 2022	NK
5	Mr. Batuhan Ozdemir	Resident Engineer Road Tunnel for KKH-01 & KKH-02	13 th Sep, 2022	Dolsar
6	Mr. Neil Napoleon	Deputy Lead OHS	24 th Sep, 2022	NK
7	Mr. Shuji Nakata	Chief Electrical Engineer	28 th Sep, 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. Neil Napoleon	Deputy Lead OHS	05 th Sep, 2022	NK
2.	Mr. Hironobu Nishimiya	Chief Resident Engineer	08 th Sep, 2022	NK
3.	Mr. Takahito Naka	Chief Geologist	08 th Sep, 2022	NK
4.	Mr. Serkan Harmander	Tunnel Design Review Engineer for KKH-01 & KKH-02	09 th Sep, 2022	Dolsar
5.	Mr. Yoshiaki Samejima	Chief Design Engineer (Powerhouse)	08 th Sep, 2022	NK
6.	Mr. Takao Nakajima	Construction Technical Advisor	10 th Sep, 2022	NK
7.	Mr. Hiroataka Koizumi	Construction Technical Advisor	22 nd Sep, 2022	NK
8.	Mr. Okan Alper Koruk	Resident Engineer KKH-02 & RAR-02	30 th Sep, 2022	Dolsar

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.	-	-	-	-

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 provided his response to the Employer on process and timing of the Arbitration on matter of Dispute of 17% Tender Discount. [MW-01]

- The Engineer acknowledged and registered the Contractor's notice of claim due to Natural Catastrophe. [MW-01 & MW-02].
- The Engineer provided the draft terms and conditions of the temporary interim arrangements for the provision of power supply to batching and crushing plant to the Contractor. [MW-01]
- The Engineer requested the Employer to submit the referral to the DB or provide his comments. [MW-01].
- The Engineer instructed the Contractor as per the Employers request to provide explosive material to CNW department and provide record to the Engineer. [MW-01]
- The Engineer provided the points discussed in tripartite meeting with the Employer on issue of the power supply. [MW-01]
- The Engineer instructed the Contractor to provide his comments on draft of temporary interim agreement for provision of power supply submitted by the Engineer. [MW-01]
- The Engineer provided his detailed comments and expert opinion on the matter of dispute on provision of Power Supply. [MW-01]
- The Engineer provided his response to the Contractor on the cost claim of change in legislation. [MW-01]
- The Engineer conveyed the Employer's correspondence to the Contractor on the matter of River Diversion scheme. [MW-01]
- The Engineer instructed the Contractor to proceed the payment to NLC for helicopter services. [MW-01]
- The Engineer requested the Employer to provide assistance to the Contractor in obtaining approvals from State Bank of Pakistan for Import of equipment. [MW-01]
- The Engineer instructed the Contractor to arrange a meeting with the Employer to discuss the nature of assistance required in obtaining approvals from SBP. [MW-01]
- The Engineer provided detailed comments and his expert opinion to the Employer on the disputed matter of provision of power supply to No.1 crushing and batching plant. [MW-01]
- The Engineer issued the instructions of Daywork to the Contractor to provide 100cum concrete to FWO as per the Employer's instructions. [MW-01]
- The Engineer submitted the draft for variation order for the provision of power supply for No.1 crushing and batching plant. [MW-01]
- The Engineer provided detailed comments to the Contractor on his cost claim for COVID-19 Pandemic. [MW-01 & MW-02].
- The Engineer instructed the Contractor to proceed the payment of hire charges for air transport services. [MW-01]
- The Engineer issued a variation signed by the Engineer VO-006 "Provision of Power Supply to No.1 Crushing and Batching plant" to the Employer for further action. [MW-01]
- The Engineer instructed the Contractor to contact supplier in Pakistan for the procurement of diesel generators to reduce the procurement time.
- The Engineer provided his assessment on principle of claim MW-02/C-11 "Firing Incident at River Diversion Inlet" to the Contractor. [MW-02].
- The Engineer provided his assessment to the Contractor on the matter of "Illegal Strike due to Involvement of the Religious Forces". [MW-02]
- The Engineer provided his remarks to the Contractor on his Claim for "Additional Cost due to Change in Legislation". [MW-02]
- The Engineer requested the Employer to provide assistance to the Contractor for Import and custom clearance of the equipment. [MW-02]
- The Engineer instructed the Contractor to provide further necessary information of inability of material mobilization due to flooding. [MW-01 & MW-02]

b) Contract ICB No. Dasu-LBRV-11 & LBRV-12

- The Engineer instructed the Contractor to provide required information regarding repayment of outstanding amount of the Advance Payment. [LBRV-11 & LBRV-12]
- The Engineer informed the General Coordinator LBRV-11 about the Contractor's response on overhead cost claimed for omitted sites. [LBRV-11 & LBRV-12]
- The Engineer provided comments on the Contractor's Notice of claim. [LBRV-11 & 12]
- The Engineer issued a signed variation order V0-002 and send it to Contractor. [LBRV-12]

c) Contract ICB No. Dasu-PCI-01R

- The Engineer issued a signed variation order “VO-014 – Supply and Installation of Ceiling Lights in Project Office Building” to the Contractor.
- The Engineer requested the Employer to issue invoice to the Contractor to recover due outstanding amount.
- The Engineer conveyed the Contractor’s request to the Employer to not withhold the payment from IPC due to expired insurances.
- The Engineer issued Interim Payment Certificate IPC-33 to the Employer for further action.
- The Engineer instructed the Employer to disburse the payments to the concerned supplier as per the Employer’s instruction.
- The Engineer acknowledged and registered the Contractor’s claim for additional cost and time due to closure of KKH.
- The Engineer instructed the Contractor to procure the required diesel generators and solar power system through advertisement.
- The Engineer issued Interim Payment Certificate IPC-34 and forwarded to the Employer for further action.

d) Contract ICB No. DASU-RAR-01:

- The Engineer acknowledged and registered the Contractor’s Notice of claim due to flood in Uchar near the Contractor’s camp.
- The Engineer responded to the Contractor’s notice of claim due to closure of KKH and registered the claim with unique number for record and reference.
- The Engineer instructed the Contractor to provide necessary requisite documents regarding the Contractor’s WC insurance policy.
- The Engineer acknowledged and registered the Contractor’s notice of claim due to inundation of the Contractor’s batching plant as a result of flooding.
- The Engineer provided his detailed comments to the Employer on the matter of extension of advance payment guarantee and performance guarantee.
- The Engineer requested the Employer to verify the guarantees and insurances and also confirm the Engineer to incorporate with upcoming claims in that regard.
- The Engineer instructed the Contractor to proceed with the extension of Advance Payment guarantee as instructed by the Employer.
- The Engineer instructed the Contractor to proceed with the extension of the Performance Bank guarantee as instructed by the Employer.

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

- The Engineer proposed two candidates to consider for Sole DB member to the Contractor suggested by the Employer.
- The Engineer acknowledged and registered the Contractor’s notice of claim due to Natural Catastrophe.
- The Engineer conveyed the request of the Contractor to the Employer to provide reasons why any from the six proposed candidates was not selected for Sole DB member.
- The Engineer took notice of the Contractor’s slow progress on rehabilitation of Kandia access road and instructed to expedite the works on immediate basis.
- The Engineer instructed the Contractor to provide further necessary information of inability of material mobilization due to flooding.
- The Engineer submitted his remarks and issued instructions to the Contractor on the matter of delays due to delay in import of equipment.
- The Engineer provided reason to the Contractor of why the Employer rejected his proposed candidates for Sole DB member.

f) Contract ICB No. TL-01

- The Project Manager instructed the Contractor to extend the Advance Payment Guarantee as required.

- The Project Manager acknowledged and registered the Contractor's notice of claim due to road blockage in recent rains.
- The Project manager instructed the Contractor to hold a consultation meeting at DHC office to discuss the Price Adjustment claim.
- The Project Manager provided his suggestions to the Employer on recovery of advance payment on the Contractor's proposed mechanism of recovery.
- 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 Project Manager requested the Employer to issue letter to the Contractor to extend the advance payment guarantee for the duration of six months.
- The Project Manager conveyed the request of the Contractor to the Employer to reduce the duration for extension of advance payment guarantee.

g) Contract ICB No. EM-01

- The Project Manager instructed the Contractor for the provision of the vehicles as per his contractual obligation.
- The Project Manager informed the Contractor about the Employers correspondence on his request for the approval of the cargo insurance draft from the Employer.
- The Project Manager requested the Employer to issue the Employer's Inspection Certificate for the Draft Tube Elbow and Diffusor Tube Anchoring Unit-3.
- The Project Manager requested the Employer to provide clarification on the inspection certificate issued by the Employer.
- The Project Manager requested the Employer to peruse the matter with its CRRK office to resolve the Duties and Import Tax matters so that the Contractor can proceed with custom clearance of imported plant accordingly.
- The Project Manager provided response on the Cargo insurance documents for the first batch of equipment to the Employer.
- The Project Manager informed the Employer about the schedule of joint visit for finalisation of temporary storage space.
- The Project Manager requested the Employer to provide necessary information from its CRRK office to help contractor for import process.
- The Project Manager submitted the formal original insurance policy documents for EAR and TLP to the Employer.
- The Project Manager issued the status of the Contractor's technical letters/Drawings to the Contractor.
- The Project Manager provided response to the Contractor on the Contractor's queries for the first batch of the equipment.
- The Project Manager provided his detailed response on the selection of the DB member to the Contractor.
- The Project Manager requested the Employer to issue the Employer's Inspection Certificate No. 1, 2 &3 as per provided drafts.
- The Project Manager requested the Contractor to provide the formal and original documents of insurance certificate and insurance policy to the Employer.
- The Project Manager provided his response on the Contractor's notice of force majeure due to Super Typhoon Hinnamnor in china.

h) Contract ICB No. KKH-01

- The Engineer instructed the Contractor to provide the requisite documents for WC insurance policy to the Employer.
- The Engineer acknowledged and registered the Contractor's notice of claim due to flooding in Uchar Nullah.

- The Engineer acknowledged and registered the Contractor's notice of claim and provided his detailed response.
 - The Engineer submitted the Contractor's all risk insurance policy to the employer.
 - The engineer requested the Employer to obtain bulk rates of Bitumen grade 60/70 from Attock Petroleum Limited for price adjustment.
 - The Engineer instructed the Contractor to extend the advance payment guarantee as advised.
 - The Engineer instructed the Contractor to provide the source of borrowed material duly endorsed by the Engineer's site team to proceed on necessary action.
 - The Engineer provided his assessment on New Weightages of the rates for KKH-01/VO-005 and instructed to updated and submit the performance guarantee and the advance guarantee upon agreement.
 - The Engineer provided his assessment report on New Weightage on rates for KKH-01/VO-005 to the Employer.
 - Confessional indemnity insurance and further elaborated the professional services.
 - The Engineer notified the Contractor on the nomination of new person responsible for signing and collecting the explosive material.
 - The Engineer requested the Employer to issue the formal instructions to the Contractor to extend the Advance Payment Guarantee up to 21st July 2025.
 - The Engineer requested the Employer to verify the extended guarantees and insurances and confirm the Engineer to incorporate the relevant claims.
 - The engineer requested the Employer once again to obtain bulk rates of Bitumen grade 60/70 from Attock Petroleum Limited for price adjustment.
 - The Engineer submitted his assessment to Contractor on rates for slope protection works.
 - The Engineer conveyed formal instructions of the Employer to extend the advance payment guarantee.
- i) Contract ICB No. KKH-02**
- The Engineer submitted the proposal of two potential candidates proposed by the Employer to the Contractor for the selection of Sole DB member.
 - The Engineer respond on the Contractor's claim for extension of time due to equipment stuck at Karachi port, has no merit.
 - The Engineer acknowledged and registered the Contractor's Notice of claim due to mudflow in Uchar Nallah.
 - The Engineer acknowledged and registered the Contractor's notice of claim due to Natural Catastrophe.
 - The Engineer asked the Employer on behalf of the Contractor about the reason why the Employer rejected the six proposed candidates for sole DB member by the Contractor.
 - The Engineer provided his assessment to the Contractor on his cost claim due to mobilization of the resources before the commencement date.
 - The Engineer provided reason to the Contractor of why the Employer rejected his proposed candidates for Sole DB member.
- j) Contract ICB No. DASU RV**
- The Project Manager instructed the Contractor to proceed immediately with the procurement process of DC sets as per the variation issued.
 - The Project Manager issued the Interim Payment Certificate IPC-12 and forwarded to the Employer for further action.
 - The Project Manager responded to the Contractor's inappropriate act of refusing already agreed terms of the variation issued.
 - The Project Manager responded to the Contractor on his request of adjusting price of BOQ item.

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 requested the Engineer and Employer to acquire the Land in Chuchnag Colony area for relocation of Camp after flood in Uchar Camp. The Engineer issued recommendation letter to the Employer for utilization of the colony area for the Contractor's Camp.
- Contractor has requested the Engineer to provide the all back up data including AFIs and technical documnets after inundation in Uchar camp. The Engineer provided all correspondences to the Contractor in September 2022.
- Engineer instructed the Contractor to install the fence above breast walls at K7 areas to stop the sand extraction by locals to minimize the threat of slope stability.

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
05-Sep-22	CCECC/DASU-KKH-01/LOGRO-A/RFDA/199	Submission of Shop Drawing for Serial Arch of Logro-A Tunnel (K9+150-K9+152)	05-Sep-22	Approved
12-Sep-22	CCECC/DASU-KKH-01/LOGRO-A/RFDA/200	submission revised shop drawings for exit portal front slope protection for dasu-02 tunnel (K4+624 ~ K4+635)	12-Sep-22	Approved
17-Sep-22	CCECC/DASU-KKH-01/LOGRO-A/RFDA/201	submission revised shop drawing for exit portal for logro-B tunnel (K11+925 ~ K11+930)	21-Sep-22	Revise and Resubmit
29-Sep-22	CCECC/DASU-KKH-01/LOGRO-B/RFDA/201R	Submission of Revised Shop Drawings for Exit Portal for Logro-B Tunnel (K11+925-K11+930)		Under Review

B) KKH-02

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

1) Major Activities

- Supervision of construction activities and checking of DPR, WPR and MPR.
- Excavation and blasting in going on at K28 kaigah, K31 and K34 Panibah access Roads.
- Excavation and blasting is continued on KKH02 alignment at K28+360 to K28+800, K31+000 to K31+400 and K33+520 to K34+510.
- Clearing of landslide material from existing KKH at various locations up to Looter area after heavy rain and flood.
- Furnishing and setting up of Engineer's office at Kaigah camp is completed.
- Reminder for Approval Layout for Barracks at Kaigah Camp issued to the Employer.
- Construction of Security Check post at Kaigah is con going.
- Meetings conducted with the Contractor and the Employer to discuss the ROW, houses and other issues.
- The Engineer issued request for proposal for variation order for additional geological investigation for tunnels and bridges to the Contractor on 27 September 2022.

2) Design Activities

The following design activities are in progress.

- Prepared revised design of KKH02 as per 40km per hour design speed as recommended by the Employer, NESPAK and CPEC team. Also prepared, cost estimate and comparison between revised design and bid design.
- Meeting and joint visit with the Employer, NESPAK and CPEC team
- Reviewed Shop drawings (alignment, profile and cross sections) for K28, K34 K47 access roads.
- Reviewed work done cross section of K28 access road, rom K0+000 to K0+500.

C) RAR-01 Team

1) Major Activities

- Site inspection to Zaid Khwar Nullah for drilling & blasting and damaged road rectification.
- Joint visit with Employer for checking of road rectification works.
- Joint visit with Employer to komila bypass at K1+350 causeway area for local house issues.
- Joint visit with Employer to komila bypass around K0+850 for local issue of pedestran track.
- Letter to Contractor for local application at K0+950 regarding social issue dt: Sept 02, 2022.
- Letter to Contractor for local application at K2+020 to K2+200 regarding stoppage of excavation work due to social issues dated Sept 02, 2022.

- Letter to Contractor for minutes of joint site visit to Komila bypass dated Sept 20, 2022.
- Letter to Contractor regarding resolving of local houses issues in ROW at Komila Bypass dated Sept 22, 2022.
- Letter issued to Contractor regarding updating punch list RAR-01 project dt: Sept 22, 2022.
- Joint site visit with Employer to Komila bypass regarding progress and RAR-01 remaining Punch list construction activities.
- Weekly progress meeting regarding Komila Bypass and RAR-01 punch list works dated September 26, 2022.
- Letter to Contractor regarding Dumping of Loose material & construction of an Access in Nullah at K1+300 at Komila Bypass dated Sept 30, 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
		EI issued to Contractor regarding revised alignment from K0+380 to K0+600 Komila Bypass.	Sep 22,2022	

D) RAR-02 Team

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

1) Major Activities

- Supervision of construction activities and checking of DPR, WPR and MPR.
- Excavation and blasting work at RAR02 (K13+290 to K13+480), Larghani Cableway foundation (K20+5900), Kandia and Seer Gayal access roads.
- Excavation and blasting work at existing Kandia road to reinstate the road after heavy rain and flood.
- 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.

- Reviewed shop drawings including alignment, profile and cross sections of RAR02.
- Reviewed design cross sections of RAR02 from K14+100 to K18+500 jointly with geology section.
- The Joint inspection was conducted with the Employer, the Contractor, and the Engineer to confirm difficulty of the road construction. Based on inspection results, the Contractor will propose revised alignment and/or alternative solution.

3.4.4 TL Section

Major DHC activities undertaken during this month are:

1) Correspondence:

- Prepared the letter regarding absence of Contractor's supervisor at T-139A.
- Prepared the letter regarding shifting of material to new store at Pattan.
- Prepared the letter regarding RoW issue at T-129A.
- Prepared the letter regarding stoppage of work at access road to Grid Station due to conflict between Contractor and excavator operators.
- Prepared the letter regarding urgent procurement.
- Prepared the letter regarding slow progress of work on Grid Station.
- Prepared the letter regarding slippage from submitted schedule.
- Prepared the letter regarding Load/Tension on tower T-192A.
- Issued approval for cable laying drawing for control house building of Grid Station.
- Prepared letter regarding absence of the qualified Electrical Engineer and site supervisor at site of Project Colony.

- Prepared letter regarding noncompliance of standard engineering practice of Project Colony.
- Prepared letter regarding damage of pole foundation and pole body of LT pole no 9-2 of Project Colony.
- Prepared letter regarding damage of grounding rods and conductor of HT and LT poles of Project Colony.

2) Meetings:

- Overall Progress review meeting of TL-01 with WAPDA Advisor held on 15th Sept, 2022.
- Meeting with CCECC on installation of Diesel Power House held on 17th Sept, 2022.
- Weekly Progress Review meeting with Contractor and Employer held on 22nd Sept, 2022.
- Meeting with WAPDA regarding Performance Evaluation held on 21st Sept, 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).

Contractor's Drawings

Received Date	Letter Number	Title	Reply Date
4-Sep-22	CGGC/MW-01/RFDA/DHC-444	The Detail of Apron of Upstream Starter Dam-(D2)	
8-Sep-22	CGGC/MW-01/RFDA/DHC-445	Newly Increased Adit Tunnel A4-(D1)	
8-Sep-22	CGGC/MW-01/RFDA/DHC-446	Diversion Tunnel Inlet Cofferdam Phase III-(D1)	
8-Sep-22	CGGC/MW-01/RFDA/DHC-448	The Construction Drawing of watch Tower at Kass Camp-(D1)	
8-Sep-22	CGGC/MW-01/RFDA/DHC-447	Diversion Channel for Diversion Tunnel B Outlet-(D1)	

Method Statement

Received Date	Letter Number	Title	Reply Date
09-Sep-2022	CGGC/MW-01/TD/DHC-2467	The Method Statement of the Emergency Dredging for Diversion Tunnel	16-Sep-2022
06-Sep-2022	CGGC/MW-01/TD/DHC-2464	Submission of the Method Statement of Starter Dam Cut-off Wall	26-Sep-2022
11-Sep-2022	CGGC/MW-01/TD/DHC-2474	Submission of the River Closure and Accelerated Construction Method Statement after running of DT.B	20-Sep-2022

NCR and Engineer's Instruction

NO NCR issued during the Month of August-2022

Engineer's Instruction

No EI issued during the Month of September-2022

b) MW-02

1) General

- The Contractor was strongly instructed to fix defect of the safety measures in reference to the OHS, Codes of Practice, Standards and Health Safety regulations for PAT-1 & PAT-2 Tunnel, Underground Powerhouse/Transformer Caverns and access tunnels.
- The Engineer's Assessment of the Contractor's Claim is issued in accordance with paragraph Six (6) of Sub-Clause 20.1 [Contractor's Claims] of the General Conditions of Contract.
- The Contractor was instructed to fix the issues of the Switchyard in relation to prevention of water damage, general housekeeping and storage, occupational health & safety, electro-mechanical equipment and installation, site security and construction work and supply chain review.
- The Contractor was instructed to submit the required documentation for safety works for the Switchyard and Underground Powerhouse Complex including access tunnels. The documentation meets the requirement OHS, Codes of Practice, Standards, and Health Safety regulations till the satisfaction of The Engineer regarding the resumption of work.
- The Engineer issued the review comments on CGGC submittal via the referenced (CGGC/MW-02/TD/DHC-1382 dated Jan 15th, 2022) regarding the Transformer GIS 1-1 Geological Mapping from Sta.0+150 to Sta.0+200.

- The Engineer opined that the contractor stance stands correct as per the agreed contract document.
- Mr. Zhang kai was conditionally approved by the Engineer as an acting OHSO for the period of one month.
- The Contractor was instructed to submit the below documentations:
 - Permit to Work
 - Method Statement
 - Risk Assessment/ Blasting Plan
 - Traffic Management Plan along with Signage
 - Accident Emergency Plan
 - Method Statement Induction Staff
 - Risk Assessment Induction Staff
 - Operation and Maintenance Manual on site
 - Plant Equipment List
 - Plant Equipment Statement of Daily inspection (s) 03 times
 - Medical Facility
 - OHS Safety Plan Power Intake (Lower Level)
- The Contractor was instructed to resubmit the entire Traffic Management Plan for MW-02.
- The Contractor was advised to revise and consider the safety reparation of the HV cables within the Underground Environment.
- To maintain continuity of work in MW-02 contractor was advised to implement approved OHSMP & safe system of work at the project site.
- The Contractor was instructed to prepare corrective action plan on the requested documents with completion timelines and update the compliance of mentioned items parallel with the resumption of construction activities in MW-02 and Contractor should share with the Engineer ensuring the completion within one month from now.
- **The Necessary Measures to be Taken by the Contractor Against Alkali Silica Reactivity Potential of the Concretes.MW-02**
- The Contractor was instructed to initiate concrete mix design and trials immediately with "Low Alkali Cement" and "concrete chemical admixture used to control alkali-silica reaction (ASR) in high-alkali concrete".
- The Contractor was requested to submit the mill test certificate for the proposed material including the contents as shown in the sample mill test certificate.
- The Contractor was requested to make the necessary correction/modification according to the comments on the "**Overall Method Statement for penstock Transportation and Installation**".
- The Engineer issued Interim Payment Certificate NO. 31-for July 2022.MW-02 and its justification.

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-378	Penstock Adit Plug Section Support Detail (D2)	EAC-22-041	15-Sep-22	
CGGC/MW-02/RFDA/DHC-400	Blasting Design of Underground Powerhouse Second Layer (D3)	EAC-22-042	20-Sep-22	
CGGC/MW-02/RFDA/DHC-394	Blasting Design of Transformer/GIS Cavern Second Layer (D2)	EAC-22-043	20-Sep-22	
CGGC/MW-02/RFDA/DHC-414	Excavation and Support Drawings of 1# & 2# Lower Pressure and Bend Tunnel	EAC-22-044	26-Sep-22	

3) Issued Engineer Instruction

The Engineer issued the following Site Instructions (SIs).

Location	Subject	EI No.	Issue Date
KKH Zaid Khwarr Nullah	Provision of Material /Equipment	22-045	01-09-2022
Underground Mw-02	Underground Safety	22-046	19-09-2022
MW-02 Sites	Electrical Installation and Rectification at site	22-047	19-09-2022
MW-02 Sites/Tunnels	Electrical Installation inside the tunnels and arrange rectification of all identified Electrical Outstanding issues	22-048	19-09-2022
MW-02 Sites/Tunnels	Electrical Cable Suspended behind the rock dowel	22-049	19-09-2022
Powerhouse Cavern	Safety Malpractices within Powerhouse Cavern	22-050	19-09-2022
Powerhouse Cavern	Electrical Hazard Within Underground Powerhouse Complex	22-051	19-09-2022
SCVAT	Potential Hazard Electrical within SCVAT	22-052	19-09-2022

Underground Mw-02	Exposure of Earthing Cable	22-053	19-09-2022
TC/SCVAT	Rectify of Earthing of Transform/Mini substation at SCVAT Junction one	22-054	19-09-2022
Powerhouse Cavern	Underground powerhouse potential HV Electrical Cables Hazards approx. Ch0+135	22-055	19-09-2022
Powerhouse Cavern	Response to Electrical Hazard	22-056	19-09-2022
PH-II Drain Tunnel - 1	Unsafe and Unsupported Electrical within PH-II Drain Tunnel – 1 Submerged in Water	22-057	19-09-2022
Mw-02 Sites	Contractual Time Lapse of Engineers letters and Engineers instruction	22-058	19-09-2022
Mw -02 Sites	For the sake of doubt a reminder in brief of the requirements from the Contractor	22-059	20-09-2022
Mw -02 Sites	Warning Letter Contractor OHS	22-060	21-09-2022
Transformer Cavern	Transformer Cavern access tunnel Ch0+00 to 0+20 Support recovery of Shotcrete Detachment Area	22-061	25-09-2022
MAT	MAT Ch.0+610m underground sanitation Facilities	22-062	24-09-2022
MAT	MAT Improper Positioning of Fire Extinguisher Ch.0+600m	22-063	24-09-2022
STB & SCVAT	Ventilation Conditions within STB and SCVAT	22-066	26-09-2022
Powerhouse Cavern	Bench Drilling without Ventilation in the UG powerhouse Cavern	22-065	24-09-2022
Powerhouse Cavern	Bench Drilling without Water assistance UG Powerhouse Cavern	22-066	24-09-2022

4) NCR Issued by Engineer

The Engineer issued the following NCR.

Location	Subject	NCR No.	Issue Date
Nil	Nil	Nil	Nil

5) Site Supervision for Construction Activities

The Engineer carried out the site supervision work for the following activities.

- Installation of R & Q Mesh = Additional Support within Powerhouse Cavern
- Excavation for 2nd Bench Central portion of Powerhouse Cavern was in progress. (Commenced 25 Sep. 2022).
- Excavation for 2nd Bench Central portion of Transformer Cavern was in progress. (Commenced 25 Sep. 2022).
- Installation of R & Q Mesh = Additional Support within Transformer Cavern.
- Trail PS Tendon, Water Pressure Test within Powerhouse Cavern.
- Trail Test for PS Tendon Tensioning.
- Platform Excavation/Lowering Level at EL.930 to 920m was in progress (Switchyard).
- 5th Bench slope Excavation above EL.960 was in progress (Switchyard).
- Support work of slope protection was in progress (switchyard).
- Intake Protection Fence was in progress (Ditch Excavation) Surface Excavation.
- Excavation and Support work of Lower Pressure Tunnel No.1 (Crown Enlargement).
- Lower Pressure Tunnel Invert Cleaning.
- Excavation and Support work of Adit Tunnel CT2 for Tailrace Outlet was in progress.
- Excavation and support work were in progress at Service Tunnel B.
- SCVAT 1 and SCVAT 2 Gallery Excavation and Support was in progress.

Note:

The Instruction for suspension of works by the Engineer was lifted on 20th September 2022.

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 the Contractor to settle the Recovery of Outstanding Advance Payment dated 3rd September 2022.
- The Engineer requested the Contractor to submit the Salary Wages Information of Pakistani Workers Working with Contractors dated 5th September 2022.
- The Engineer issued reply letter for Request for Verification of Losses Done Due to Heavy Rainfall dated 6th September 2022.
- The Engineer Responded to the Contractor's Cost Claim on Account of Omission of Non-Handed Over Sites under LBRV-11 dated 16th September 2022.
- The Engineer responded to the Variation Regarding Omission of Non-Handed over Sites.LBRV-11 dated 21st September 2022.
- The Engineer responded to the Extension of Insurance Policies.LBRV-11 dated 27th September 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
15-Sep	ZEG/DASU-LBRV-11 Khoshee 021 SD/RFDA/041	Submission of the plan drawing for plot adjustment due to slope protection retaining wall at 2nd terrace of khoshee 1		

b) LBRV-12

- The Engineer instructed the Contractor to settle the Recovery of Outstanding Advance Payment dated 3rd September 2022.
- The Engineer responded to the Variation Regarding Omission of Non-Handed over Sites.LBRV-12 dated 9th September 2022.
- The Engineer Responded to the Contractor's Cost Claim on Account of Omission of Non-Handed Over Sites under LBRV-12 dated 16th September 2022.

c) RV

- The Engineer asked the contractor regarding the Design, Supply, Installation, Testing and Commissioning of Diesel Generators for Project Office and Cat-1 & 2 Houses at Project Colony date 5th September 2022.
- The Engineer asked the contractor about the Salary Wages Information of Pakistani Workers Working with Contractors date 5th September 2022.
- The Engineer responded the contractor, s Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office date 7th September 2022.
- The Engineer verified the Interim Payment Certificate No. 12 date 14th September 2022.
- The Engineer instructed the contractor regarding the Rehabilitation of Irrigation Channel Damaged Due to Construction of Resettlement Village Kuz Choochang-04 date 19th September 2022.
- The Engineer responded regarding the Cost Control under Clause 37.RV date 20th September 2022.
- The Engineer responded to the Non-Conformance to Quality of PCC Road Concrete.RV date 23th September 2022.
- The Engineer responded regarding the No Activity at Lower Kuz Choochang Upper Kuz Choochang and Relocated Choochang Site-1 date 26th September 2022.
- The Engineer responded regarding the Re-Handling of Excavated Material at Kuz Choochang.RV date 26th September 2022.
- The Engineer 070-27.09.22-Slow Progress on Available Work Fronts.RV date 27th September 2022.

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

d) Project Colony – PCI-01R

- The Engineer informed the Employer about the Extension of Contractor's All Risk (CAR), Contractor's Plant and Machinery (CPM) and Workmen Compensation (WC) Insurance Policies dated 1st September 2022.
- The Engineer verified Interim Payment Certificate No.33 dated 4th September 2022.
- The Engineer informed the Employer regarding the Contractor's Request for the Omission of Five (05) Buildings from the Contractor's Scope dated 4th September 2022.
- The Engineer responded the regarding the Non-Compliance of Standard Engineering Practice dated 6th September 2022.
- The Engineer instructed the contractor regarding the Provision of CCTV Camera dated 7th September 2022.
- The Engineer responded regarding the Absence of the Qualified Electrical Engineer and Site Supervisor at Site dated 12th September 2022.
- The Engineer informed the contractor about the Technical Specifications for Varied Works of Slope Protection at Choochang-1 Resettlement Village Site dated 12th September 2022.
- The Engineer informed the contractor about the Damage of Pole Foundation and Pole Body of LT Pole No 9-2.PCI-01R and instructed the contractor to repair the damaged poles dated 14th September 2022.
- The Engineer responded the contractor, s Notice of Force Majeure under GCC Clause 19.2 for Blockage of Main KKH Road.PCI-01R dated 14th September 2022.
- The Engineer responded regarding Delay in submission of Shop Drawings for Elevator (lift) in Project Office Building dated 15th September 2022.
- The Engineer issued OHS NCR dated 19th September 2022.

- The Engineer instructed the contractor to submit the Updated Incident Register and ICAP Status.PCI-01R dated 19th September 2022.
- The Engineer informed the Employer regarding the Design Supply Installation Testing and Commissioning of Diesel Generators and Solar Power System.PCI-01R dated 21st September 2022.
- The Engineer responded regarding the Slow Progress of Colony Pumped Water Supply System (Varied Works).PCI-01R dated 23rd September 2022.
- The Engineer instructed the contractor to submit the Revised Programme on Account of 1st Extension of Time (EOT-1).PCI-01R dated 24th September 2022.
- The Engineer responded regarding the Poor Quality Wooden Doors.PCI-01R dated 24th September 2022.
- The Engineer verified Interim Payment Certificate No.34.PCI-01R dated 26th Sept 2022.
- The Engineer instructed the contractor to commence the Varied Work of Slope Protection at Choochang-1 Resettlement Village Site.PCI-01R dated 26th September 2022.
- The Engineer issued the Progress Review Minutes of Meeting Held dated 20th August 2022.PCI-01R dated 26th September 2022.
- The Engineer responded regarding the Slow Progress and Insufficient Resources to Complete the Project.PCI-01R dated 26th September 2022.
- The Engineer responded to the Contractors Cost Claim for Renewal of Insurance Policies for the Extended Period of Time.PCI-01R dated 28th September 2022.
- The Engineer responded regarding the Extension of Contractors Plant & Machinery (CPM) Insurance Policy.PCI-01R dated 28th September 2022.
- The Engineer responded on the Shortage of Workers and Works at Project Colony.PCI-01R dated 29th September 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
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	29-09-2022	Approved
17-Sep	CGICOP/DASU/PCI-01R/RFDA/648	Submission of the bar bending schedule for the anaerobic filter tank near septic tank type D		
22-Sep	CGICOP/DASU/PCI-01R/RFDA/649	submission of underground service for wapda project colony (layout plan 01 sheets with soft copy) 1.Revised residence cat-1 ybder griybd servuce cavke feberak katiyt okab wutg nabgike abd cable trebch	29-09-2022	Approved
1-Oct	CGICOP/DASU/PCI-01R/RFDA/650	Submission of the shop drawing for the tyytical cross sectional detail of the road side Drain		

3.4.7 EM-01

The major activities undertaken during this month were:

1) General

- The Construction of the Contractor's camp was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

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

- Shunt Reactor Capacity

The DHC reminded WAPDA to get the data on shunt reactor capacity with official notice from NTDC and supporting data of voltage simulation with respect to shunt reactor capacitor

on/off on both sides as discussed at Lahore WAPD office on June 10, 2022. NTDC advised that the 180MVR shunt reactor per one outgoing 765kV transmission circuit is required for stable power system operation. However, DHC still waits for the supporting data for justification of capacity change.

- Transmission Line protection system

The DHC reminded WAPDA to get NTDC comments on clarification by submitted the Contractor through the DHC letter No. DHC/Dasu/WAPDA/EM-01/mars/22-308 dated September 20, 2022, for determine demarcation between NTDC substation contracts ME-01 Contract. It is fixed urgently for EM-01 contract scope of protection equipment so that the contractor resumes the protection deign. At this moment the design work of transmission line protection system has been suspended

- Review of Inspection Report

The Contractor has submit the inspection report on U3 draft tube and its associated embedded material for first shipment. DHC issued the inspection certificates for verification of payment requirements.

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

On August 24, 2022, joint inspection of tower location at site was conducted with NTDC for deciding final position. As of end of September, no official notice was received. It is urgently required for finalizing 765kV switchgear arrangement. At the time of meeting with NTDC, it is mutually confirmed that the final confirmation will be noticed within 60 days after meeting, say October 24, 2022.

- Web meeting with Contractor

The Contractor proposed to arrange the technical meetings on September 26, 2020, the following items were discussed.

- a. Arrangement of generator cooling water supply pipes.
- b. Bearing assembly and shaft seal with turbine shaft.
- c. Unit selection of site turbine efficiency.

The contractor presented the details of air cooler embedded pipe, testing method of guide bearing assembly seal without shaft. DHC generally accepted the explanation and suggestion on above subjects, but the result of discussion will be confirmed with official letters.

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
18-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0313	Revised mechanical drawings of main inlet valve for approval	02-Sep-22	
27-May-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0130	Rotor spider assembly and stator foundation for approval	06-Sep-22	
11-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0252	Submission excitation cubicle and excitation transformer drawings	06-Sep-22	
21-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0268	Dasu generator collector ring cover, lower bracket covering, shaft voltage measurement, carbon dust suction, brake dust suction for approval.	06-Sep-22	
26-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0321	Access tunnel to underground powerhouse for installation of draft tube/ spiral casing.	09-Sep-22	
29-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0283	Reply for detail design drawings of guide bearing submission for approval.	09-Sep-22	
04-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0294	Electrical and mechanical heavy and oversized equipment transportation from Karachi port to Dasu HPP site.	12-Sep-22	
07-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0339	Import process confirmation/ request WAPDA project team to advice way forward in custom clearance.	14-Sep-22	
13-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0342	Submission of formal erection all risks (EAR) and third part liability (TPL) insurance policy documents.	16-Sep-22	
04-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0329	Status of Contractor's technical letters/drawings	17-Sep-22	
09-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2021-0348	Notice of the first batch of equipment delivery/ shipment.	17-Sep-22	
17-Aug-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0303	Reply letter sun/22-210 and resubmission governor system hydraulic drawing, calculation notes	16-Sep-22	
05-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0324	Submission of Contractor's dispute board (DB) member for approval.	19-Sep-22	

Received Date	Letter/Reference Number	Title	Reply Date	Remarks
13-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0347	Notice of force majeure due to super typhoon hinnamnor.	20-Sep-22	
25-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0270	Dasu generator oil mist suction assembly for approval.	15-Sep-22	
28-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0271	Reply sun/22-196 and clarify the auto silt monitoring solution.	20-Sep-22	
26-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0267	Reply to NTDC comments on transmission line protection (reminder).	20-Sep-22	
22-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0360	Request to release electronic import form (EIF) and to grant Contractor broker's access to PSW system by the Employer for custom clearance.	26-Sep-22	
23-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0364			
23-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0365			
12-Jul-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0255	Submission of CSCS cubicle specification and station and common auxiliary LCB electrical and equipment drawing.	27-Sep-22	
07-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0339	Import process confirmation/ request WAPDA project team to advice way forward in custom clearance.	28-Sep-22	
26-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0363	Urgent request to issue the Employer's inspection certificates No. 1, 2 & 3 for Contractor's first batch of equipment.	28-Sep-22	
01-Sep-22	Dasu-EM-01-LET-JV-WAPDA/DHC-2022-0323	Handing over of initial survey control points.	27-Sep-22	

3.4.8 Environment Management Section

1. Overall activities

i) Participation in Virtual Meeting with World Bank

DHC Environment Team attended virtual meeting with World Bank's Environment Team on 14th, 21st & 30th of September 2022. The main agenda discussed in the meeting was about the OHS Issues, and post flood conditions and de watering of Diversion tunnels and access to DHPP Sites. 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 nullah, 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. Mainly, OHS matters were discussed afterwards.

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

Monthly Progress Review meeting for the month of Aug & Sep 2022, was held on 29th of Sep 2022 with all contractors. Pending issues were discussed and new environmental non-compliances were also part of the discussion. Minutes of Meeting was prepared and issued to the all contractors.

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 September, 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 (WTEIR).

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 (WTEIR's) along with timelines to rectify the non-compliances.

- c) **Monthly meetings:** The monthly environmental progress review meeting was conducted on 29th September 2022 for the month of August & September 2022 as the work was suspended after the flooding. 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. All issues relating to Environmental Compliances identified in WTEIR's were discussed in the monthly meeting.

2.2. KKH-02 and RAR-02

- a) **Review:** The KKH-02 contractor submitted the CV for the position of Environment specialist which was reviewed. The candidate got no construction experience and his qualification was also not relevant. The contractor was informed to search for suitable candidate.
- 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 (WTEIR). 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 scheduled on 29th of September 2022. All issues relating to previous months agreed actions as well as environmental non-compliances identified WTEIR's were discussed in the monthly meeting.

2.3. TL-01

- a) **Environmental supervision:** The construction work is currently limited to grid station only. Regular site inspections were conducted to the site. Minor oil spillage were noted at the construction site while inadequate housekeeping and littering of solid waste was observed at labor accommodation near the grid station. The issues were sent to the contractor through a walkthrough environmental inspection report (WTEIR) and contractor was instructed to immediately rectify the issues.
- b) **Monthly meetings:** The monthly environmental progress review meeting was scheduled for 29th September 2022. All the pending issues were discussed. Minutes of meeting were issued later on.

2.4. MW-01 and MW-02

- a) **Written Instructions:** Reminder 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, Adit 1, Adit 2, CR-02 Batching plant under CR-09 gate.
- b) **Environmental supervision:** The works resumed on 20th September 2022 after the flooding. Daily supervisions were conducted to ensure environmental compliance. Walkthrough environmental inspection reports (WTEIR) were shared with the contractor to rectify the non-compliances observed during the site visits.
- c) **Monthly meetings:** The monthly environmental progress review meeting was scheduled on 29th of September for the month of August and September 2022. All issues relating to previous months agreed actions as well as environmental non-compliances identified WTEIR's were discussed in the monthly meeting.
- d) **Monthly spot monitoring:** The supervision of the monthly spot monitoring for environmental compliance at MW-01 and MW-02 was conducted on 21st September 2022. All agreed parameters were within NEQS limits except the pH values of sedimentation pond was 11.5 at Khoshe whereas the MAT sedimentation pond was 11.3, CR-02 sedimentation pond was 11.2. These values are fairly high as per NEQS which is 6-9. The contractor was given instructions on the AFI to add fresh water to their sedimentation ponds to keep the pH value within NEQS.

- e) **Preparation of IEE for Uchar Power Station affiliated to Uchar Crush Plant:** The Environment section of DHC prepared IEE of Uchar Power Station which is meant to expedite the process for grant of NOC from the EPA KPK. As of now agreement is made between WAPDA, The Engineer and CCECC that the power station will be run by CCECC i.e., the Uchar Power station will supply electricity to Uchar (Thoki) crush plant which will be owned by CGGC.
- f) **Pending Issues Discussed with CGGC**
- There is a third party laboratory hiring issue. Two meetings were conducted with contractor CGGC and Contract section of DHC to discuss the matters i.e., parameters to be tested from third party Laboratory. The contractor is still lingering on that he may hire SGS for the third party hiring but he will not perform all parameters of NEQS. In this regard a letter has been sent on 16th September 2022 to WAPDA to seek their opinion.
 - NOC's from EPA KPK, Forest Department and Industries Department is required by Contractor for Seo Crush plant area. The contractor CGGC has already applied to these departments as per SOP's. In this regards, there was a meeting held in DC Office in August 2022 in which all representatives from EPA, Forest, Industries, Mines and Minerals along with DHC, WAPDA and D.C himself were present. D.C gave his recommendation to the relevant departments so that the NOC's should be expedited and Col (retd) Abdul Ghaffar Khan from DHC is deputed to coordinate among these departments and contractor CGGC.
 - IEE's has been submitted by the contractor CGGC to obtain NOC for Seo and Uchar Crush Plant area (both) from the EPA KPK. NOC's are still awaited. NOC from Industries department is also awaited.

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 reports. Non-compliances regarding the oil spills, solid waste littering, inadequate housekeeping and fugitive dust issues were discussed with the contractor.
- b) **Monthly meetings:** The monthly environmental progress review meeting was conducted for the month of September 2022 to discuss the status of progress for pending environmental issues. Minutes of meeting were prepared and shared with all stakeholders.

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. The following field staffs were available with OHS section in this reporting month:

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

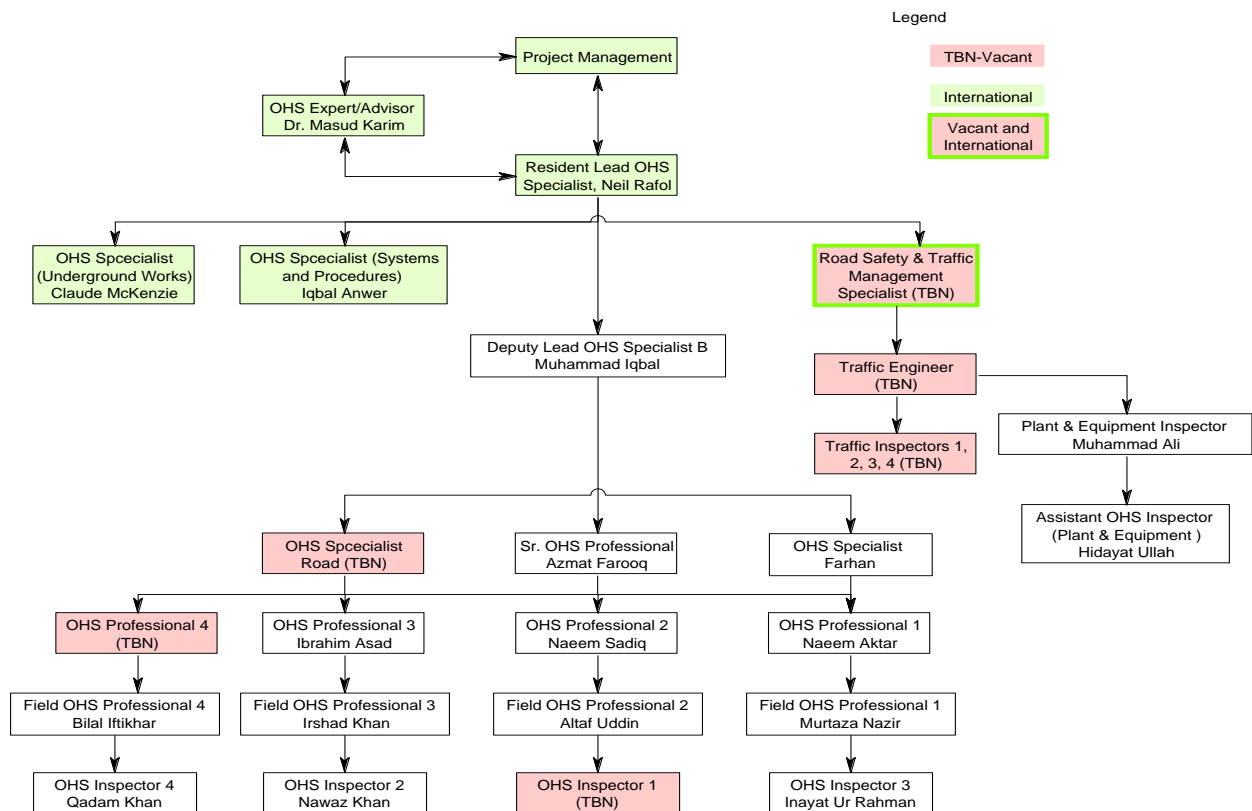


Figure: OHS organization diagram

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 (September 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 4,652 acres of land has been awarded / acquired until September 2022. About 23 acres of land was acquired during the reporting month (September 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 four 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. GIS Team processed three components 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. 130,851,443/- was paid as compensation payment to 111 PAPs of 20 components. during the reporting month (September 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 (September 2022). No cheque was paid during September 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.
 - 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, Siglo and Siglo Villages. In this regard, follow up visits were made to these villages and meetings held with the AHHs in DHC Office. The relocation of majority of the houses was completed in Barseen and Uchar while the relocation of HHs in Siglo is progressing very slowly. Notices were served to the AHHs of Siglo for the completion of SMR file documents, receiving their cheque and relocate houses as early as possible.
 - ii. The team also remained involved in preparing TRP files and assist WAPDA to pay TRP to the AHHs. By the end of September 2022, a total amount of PKR 78,884,437/- 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 September 2022, an amount of Rs. 2117.20 Million have been paid as ESMR allowance to 606 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 (September 2022), the Working Committee has finalized and forwarded 1878 files to the Field Verification Committee while Field Verification Committee has completed the verification of about 1200 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. Gender Specialist reviewed the 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 4,154 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 72 % 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. Contractor [Zhongmei Engineering Group Limited] submitted an application for a 2nd Extension of Time (EoT-2) of resettlement works LBRV-11, LBRV-12. The Engineer has analyzed the claims and a discussion regarding the revision is underway with the Contractor.
- ii. Several meetings have been held with the Contactor [Khyber Grace Pvt. Ltd.] for submission of the revised schedule for the 1st Extension of Time (EoT-1) of Dasu-RV resettlement works.
- iii. Meetings with the Contractor [Power China Limited] for 132kv Transmission Line regarding EoT-4 were held at the Engineer’s office.
- iv. Progress of main works, preparatory, and resettlement works have been updated according to the revised scope of works.
- v. An Integrated schedule of the Dasu Hydropower Project is updated according to the updated programs of MW-01 and MW-02.
- vi. Coordination events of EM-01 were compared with the updated schedule of MW-02, and comparative schedules were prepared and discussed with WAPDA.
- vii. A quarter-wise cost projections and a Gantt chart of all Contracts for the upcoming three fiscal years was prepared.
- viii. Review of delay analysis of schedules for prolongation cost claim of CGGC (MW-01 and MW-02 contracts) are under progress.
- ix. Presentations regarding the progress of works and issues were prepared for the Chairman (14th September 2022) and Advisor WAPDA (13th to 15th September 2022).
- x. 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 QA/QC meeting of main works has been hold at the DHC office. It is decided regular biweekly QA/QC meetings will continue.
- 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. The evaluation of the test results is ongoing. The Engineer will comment on Natural pozzolan source on October. Systematic quality monitoring of Fauji cement is under supervision. A cement factory visit has been planned for mid of October. The cement quality assurance is the purpose of the factory visit. In the scope of Colony construction work, the inspection of the wooden part is ongoing. In the scope of KKH-01 road work, the Longman industry Sales has been approved as a source of tunnels and bridges rubber-steel materials. In the scope of the Main Works, due to the third-party laboratory test results regarding presence of potential Alkali Silica Reactivity of aggregates and former monitoring quality control findings, it is instructed to the Contractor changing the cement from OPC to LAC type.

- 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 Dasu Projects. Gathering and evaluating data regarding CR2 and CR9 Batching Plants printouts and Daily summaries are regularly being performed. The UCHAR Temporary 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 September month. In the scope of KKH-01 works, the CCECC Contractor is requested again to improve its quality control organization and submission of periodic quality control report per the contract. Due to the flood CCECC has lost its laboratory in Uchar. Currently they are using ZAL camp laboratory with limited equipment.
- iv. Sampling and Testing of Fresh Construction Products:** Determining the compressive strengths, workability, and density of the produced concrete, shotcrete, grouts, and mortar mixes, sampling, and testing are regularly ongoing, as per the Technical Specifications for all Dasu Projects.
- v. Field Tests:** In the scope of KKH-01 and RAR-01 (bypass part) rock bolt, regular-based pull-out and field density of back filling tests are being performed. The laboratory trial of the proposed mix designs with different admixture products are being tested at the site. Aggregates production rates are being performed at the Uchar crushing plant (MW-01&MW-02).
- vi. 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. As mentioned above item ii, the test results of natural pozzolan source 1 are under evaluation. The Evaluation will be completed on October. The Contractor is requested to provide some missing test results as per Technical Specifications. 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 optimization of Concrete mix-designs is ongoing by improvement in sampling, transportation and curing process. The Contractor hire well experienced laboratory technician and Engineer to speed up the optimization process of the mix designs.
- vii. Consigned Material and 3rd party laboratory tests:** Routine Quality Control Tests on the consigned cement, reinforcement steel bars, wire mesh, and other steel materials, and admixtures are continuing at the Site Laboratories and/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 and submitted to the 3rd party laboratories. In the scope of the KKH-01 project, taken samples from different material of the project has been submitted to the 3rd party laboratories. Submitted 3rd party laboratories including Geo-Textile, Geo-Membrane, Corrugated HDPE Pipes, Expansion joints, Bearing Pads, Semi-Circular Pipes, test results have been evaluated by the Engineer and responded in the scope of KKH-01 work.
- viii. RCC Mix Design:** Second Stage RCC Mix Trial Program recommended by Dr. Dunstan has been performed with different cement (Fauji and Maple Leaf OPC) and Natural Pozzolan contents. The long-term test results (365 days) were completed in May 2022. The MW-01 Contractor has 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 QA/QC section comments have been submitted to the MW-01 section). The natural pozzolan sampling has been performed, and submitted to the third part laboratory. The Engineer received the 3rd party laboratories test results but some parameters like Alkali contents of Natural Pozzolan are missing. The Contractor is also requested to repeat the nominated mix proportions at the Barseen laboratory to confirm the performed tests, especially to verify

the performance of the water retarder. Other tests like Permeability, Poisson ratio, Module Elasticity, shear Strength, thermal Properties will be performed on harden concrete samples.

Based on long term laboratory tests results, the Engineer declared the chosen mix designs for final cementitious material content. The Contractor proposed different proportion of cementitious material. During the meeting held on 24th of the September, the Engineer stated that there is controversy between the ideas. The Contractor will submit a letter reading the subject and will raise all related concerns.

- ix. 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.

The specifications of the cut-off wall bentonite material have been investigated. The Contractor is requested to submit reliable source correspondences. The way of mixing bentonite has been discussed. In the scope of the MW-01&MW-02 works, Pozzolanic CVC mix designs have been started for different classes of the concretes and shotcretes. Because of the changing the cement type of the mix design from OPC to LAC, the updated mixes with new cement (LAC) has been started at the Barseen Laboratory. The Cement content of the pump-able CVC mixes have been tested and evaluated. The Self Compacted Concrete (SCC) mix trails are still pending. In KKH-01 works, the RCC mix design investigation of the access road pavement improvement to the Project Colony has been started on September. Finding proper aggregate sources and other design parameters are being studied.

- x. Monthly Laboratory Monitoring and other facilities:** Maintenance and Operational condition of the Contractor's laboratories have been regularly performed. Materials, sewage system, calibration testing, power supply, air conditioning and etc. the Engineer instructed the Contractor to make some improvements at the laboratory. Improvement has been carried out for moisture cabinet, mortar mixing apparatus.

c) Survey Section

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

i. Dasu-RAR-01: Survey Supervision Activities

- **Joint Survey of Local access Ramp at komila bypass at:**
Km 11+075
- **Joint survey of Removal Slide material at:**
Km 0+00 to Km 0+537
Km 0+537 to Km 1+018
Km 1+018 to Km 1+975
Km 1+975 to Km 2+625.25
Km 2+257 to Km 2+388
Km 2+625.25 to Km 2+257
Km 11+524.50 to Km 11+553
Km 11+675 to Km 11+912
- **Joint work done Survey of Slid materials and removal their of at:**
Km 0+00 to Km 0+035
- **Joint Survey for measurement of pavement marking at:**
Km 8+981 to Km 9+088
- **Joint Work done Survey of Road Excavation at:**
Km 11+043 to Km 11+143.70
- **Joint survey of as built survey of local access road at:**
Km 11 +600
- **Joint survey of excavation work done at komila bypass:**
Km 0+00 to Km 0+925
Km 2+45 to Km 2+325
- **Pre construction survey of existing nullah at:**
Km 1+300
- **Joint Topographic Survey of komila bypass at;**
Km 0+300 to Km 0+400

- **Joint work done survey of excavation at:**
Km 0+664 to Km 0+929
- **Joint work done survey of excavation at komila bypass at:**
Km 0+929 to Km 1+393
Km 1+897 to Km 2+325
Km 1+ 393 to Km 1+897

ii. RAR 02: Survey Supervision Activities:

- Joint Survey for shallow-hole of access road to RAR-02 RD 0+100 to RD 0+105 left side from KANDIA bridge
- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+290 to Km 13+300
- Joint Survey for boulder blast of access road RAR-02 RD 13+300 to RD 13+310
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+110 to RD 0+115 left side from KANDIA bridge
- Joint Survey for shallow-hole and split blasting of access road RAR-02 left side KANDIA RD 0+120 to RD 0+125
- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+330 to Km 13+340
- Joint Survey for shallow-hole split blasting of RAR-02 RD Km 13+370 to Km 13+380
- Joint Topographic Survey of RAR-02 RD Km 30+000 to Km 34+000 for re design at KANDIA
- Joint Survey for shallow-hole and split blasting of RAR-02 at RD Km 13+460 to Km 13+470
- Joint Survey for shallow-hole of access road RAR-02 RD 0+000 to RD 0+020 right side from KANDIA bridge
- Joint Survey for shallow-hole and of access road RAR-02 RD 0+105 to Rd 0+110 left side from KANDIA bridge
- Joint Survey for shallow-hole and of access road RAR-02 RD 0+000 to RD 0+010 right side from KANDIA bridge
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+115 to RD 0+120 left side from KANDIA bridge
- Joint Survey for shallow-hole split blasting of access road to RAR-02 RD 0+105 to RD 0+110 right side from KANDIA bridge
- Joint Survey for shallow-hole at cable foundation right bank RAR-02 Km20+590 elevation 823.5 to 823
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+130.0 to RD 0+135.0 left side from KANDIA bridge

iii. Dasu-KKH-01: Survey Supervision Activities

- **Joint survey of formwork of serial arch for LOGRO-A tunnel at:**
Km 9+150.40 to Km 9+152.6
- **Established survey control points at:**
K-9 Tunnel
- **Joint visit with RE Tunnel at:**
LOGRO-A tunnel
- **Established survey control points at:**
K-4 Tunnel
- **Joint Traverse survey at:**
K-9 Tunnel Outlet
- **Joint survey of Monitoring Points at:**
inlet portal LOGRO-A tunnel
- **Joint survey and layout of serial arch at:**
Portal for LOGRO-A tunnel.
- **Joint survey of foundation of Retaining wall at:**
Km 6+975 to Km 7+012
Km 8+093 to Km 8+131
- **Demarcation**
Marking ROW at komila bypass at Km 1+625 to Km 1+675

Demarcation of ROW at Km 6+350 to Km 6+500 KKH 01
Demarcation of ROW at Km 6+500 to Km 6+550 KKH01
Demarcation of UCHAR access road
Demarcation at new Camp at KHUSHI

iv. Dasu-KKH-02: Survey Supervision Activities

- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 31+260 to Km 31+290
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 33+740
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+480 to Km 28+560
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+490 to Km 28+550
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+540 to Km 28+560
- Joint Topographic Survey of access road near Km 50+800 to Km 51+000 KKH-02 at SHORE NULLAH
- Joint Topographic Survey of access road near Km 49+580 to Km 49+800 KKH-02 at SHORE NULLAH
- 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 blasting of KKH-02 main road Km33+780
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 31+200 to Km 31+240
- Joint Topographic Survey of KKH-02 Km 32+770 to Km 32+880 at GHADEER
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+530 to Km 28+550
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 33+800
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 28+580 to Km 28+610
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 33+520
- Joint Survey for shallow-hole and split blasting of access road NO1 at RD 0+060 to RD 0++070 KKH-02
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 33+820
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 33+530
- Joint Survey for boulder measurement of main KKH-02 Km 33+820
- Joint Topographic Survey of KKH-02 Km 33+200 to Km 33+320
- Joint Survey for shallow-hole and split blasting of access road NO5 at RD 0+040 to RD 0+060 KKH-02
- Joint Survey for shallow-hole and split blasting of access road NO5 at RD 0+060 to RD 0+080 KKH-02
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 28+330 to Km 28+350
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 33+770
- Joint Survey for shallow-hole and split blasting of access road NO2 at RD 0+236 to RD 0+260 KKH-02
- Joint Survey for shallow-hole split blasting of KKH-02 main road Km 33+540
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 33+520
- Joint Topographic Survey of KKH-02 RD Km 33+400 to Km 33+480 at GHADEER
- Joint Topographic Survey of KKH-02 Km 34+150 to Km 34+330 at GHADEER
- Joint Survey for shallow-hole split blasting of KKH-02 Km 1 28+330 to Km 28+340
- Joint Survey for shallow-hole split blasting of KKH-02 Km 0+055 to Km 0+060
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 28+550 to Km 28+80
- Joint Survey for shallow-hole split blasting of KKH-02 Km 0+080 to Km 0+090
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 28+620 to Km 28+630
- Joint Survey for shallow-hole and split blasting of KKH-02 main road Km 28+330 to Km 28+340
- Joint Survey for shallow-hole split blasting of KKH 02 main road Km 31+250 to Km 31+260

- Joint Survey for shallow-hole split blasting of kkh02 main road Km 31+240 to Km 31+250
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+100 to RD 0+105 left side from KANDIA bridge
- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+290 to Km 13+300
- Joint Survey for boulder blast of access road RAR-02 RD 13+300 to RD 13+310
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+110 to RD 0+115 left side from KANDIA bridge
- Joint Survey for shallow-hole and split blasting of access road RAR-02 left side KANDIA RD 0+120 to RD 0+125
- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+330 to Km 13+340
- Joint topographic Survey of access road near Km 52+860 to Km 53+060 KKH-02 at SHORE NULLAH
- Joint Survey for shallow-hole split blasting of RAR-02 Km 13+370 to Km 13+380
- Joint Topographic Survey of RAR-02 Km 30+000 to Km 34+000 for re- design at KANDIA
- Joint Survey for shallow-hole and split blasting of RAR-02 at Km 13+460 to Km 13+470
- Joint Survey for shallow-hole of access road RAR-02 RD 0+000 to RD 0+020 right side from KANDIA bridge
- Joint Survey for shallow-hole and of access road RAR-02 RD 0+105 to RD0+110 left side from KANDIA bridge
- Joint Survey for shallow-hole and of access road RAR-02 RD 0+000 to RD 0+010 right side from KANDIA bridge
- Joint Survey for shallow-hole of access road to RAR-02 RD 0+115 to RD 0+120 left side from KANDIA bridge
- Joint Survey for shallow-hole split blasting of access road to RAR-02 RD 0+105 to RD 0+110 right side from KANDIA bridge
- Joint Survey for shallow-hole at cable foundation right bank RAR-02 Km 20+590 elevation 823.000 to 823.500
- Joint Survey for shallow-hole blasting of KKH-02 main road Km 28+500 to Km 28+510
- 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 blasting of KKH-02 main road Km 28+460 to Km 28+470

v. Project Colony Supervision Activities:

- Joint survey of Bed level of Sewerage line near Main Gate of Colony at CHUCHANG
- Topographic Survey of Existing water pipe line for KUZ CHUCHANG Upper Portion.
- Topographic survey of Proposed water pipe line in CHUCHANG Nullah.
- Joint layout and Excavation of water supply line at S 2 Road RD 0+00 TO 0+040 L/S
- Joint survey of bed level water Supply pipe line at S 2 Road RD 0+00 TO 0+040 L/S
- Joint layout and Excavation of water supply line at S 2 Road RD 0+040 TO 0+070 L/S
- Demarcation of Boundary wall near Category 3A CHUCHANG Colony.
- Joint survey of bed level water Supply pipe line at S 2 Road RD 0+040 TO 0+070 L/S
- Joint layout and excavation of boundary wall CAT-2D to CAT 3D
- Joint layout and excavation of boundary wall CAT 3D to CAT-3A
- Joint layout and Excavation of water Supply line at S 2 Road RD 0+100 TO 0+120 L/S
- Geological survey of Hard rock for water supply line at S 1 Road RD 0+140 To 0+190 L/S
- Joint layout and Excavation of water Supply line at S 2 Road RD 0+120 to 0+ 140
- Joint layout & excavation of water Supply line at S 3 Road RD 0+140 to 0+180 Right Side
- Joint survey of bed level of boundary wall CAT-2D to CAT 3D
- Joint survey of bed level of boundary wall CAT 3D to CAT-3A
- Joint survey bed level water supply pipe line at S 2 Road RD 0+120 to 0+ 140
- Joint topographic survey of UCHAR pipe line
- Joint layout and Excavation of water Supply line at S 2 Road RD 0+140 to 0+ 180
- Joint survey bed level water supply pipe line at S 2 Road RD 0+140 to 0+ 180
- Topographic survey of Proposed water Supply pipe line for RV CHUCHANG
- Demarcation of KUZ CHUCHANG Upper Portion Access Road.

- Joint work done survey of resettlement Site 2 NASIR ABAD
- Topographic survey of relocated resettlement site flood area
- Topographic survey of existing water Supply pipe line for RV CHUCHANG
- Joint layout and excavation of boundary wall CAT 3A to CAT-3B
- Joint survey of bed level of boundary wall CAT 3A to CAT-3B
- Topographic survey of existing water Supply pipe line for RV CHUCHANG
- Topographic survey of existing water Supply pipe line for RV CHUCHANG
- Joint layout and excavation of boundary wall CAT 3B to CAT-3C
- Joint layout and Excavation of water Supply line at S 2 Road RD 0+070 TO 0+100 L/S
- Joint survey of bed level water supply pipe line at S 2 Road RD 0+070 TO 0+100 L/S
- Joint survey of bed level of boundary wall CAT 3B to CAT-3C
- Joint layout and Excavation of water Supply pipe line at P1 road 0+080 to 0+120
- Joint layout and Excavation of water Supply pipe line at P1 road 0+120 to 0+190
- Joint layout and Excavation of water Supply pipe line at P1 road 0+190 to 0+250
- Joint layout of center line at P1 road for excavation 0+020 to 0+080
- Topographic survey of boundary wall at project colony CHUCHANG
- Joint layout and excavation of boundary wall CAT 3C to CAT-4A part 8
- Joint layout and Excavation of water supply pipe line at P1 road 0+250 to 0+280
- Joint survey of bed level of boundary wall CAT 3C to CAT-4A part 8
- Joint layout and Excavation of water supply pipe line at P1 road 0+280 to 0+320
- Joint layout of center line at P1 road for excavation 0+080 to 0+110
- Joint layout and Excavation of water supply pipe line at P1 road 0+320 to 0+370

vi. Resettlement Sites Supervision Activities:

- Joint work done survey of Resettlement site 1 NASIR ABAD
- Joint work done survey of Resettlement site 2 NASIR ABAD
- Topographic Survey for Quantity at Resettlement side KUZ CHUCHANG Upper Portion
- Joint work done survey of shotcrete at Resettlement site NASIR ABAD-01
- Demarcation survey points at NASIR ABAD for Infrastructure department

vii. MW-01 & MW-02

- Observed River water level at CR-2, CR-9 Steel Truss Bridge & KASS steel Truss bridge
- Joint measurement for convergence at Power House CH: 0+220, 0+225, 0+230, 0+235, 0+240
- Observed River Water levels at CR-2, CR-9 steel truss Bridge & KASS steel truss Bridge
- Measurement for existing aggregates at UCHAR Crush Plant -15
- Demarcation at power intake area for power intake Tunnels inlets
- Joint Collect boundary survey points at BARSEEN camp along Existing KKH
- Demarcation at power intake area for power intake Tunnels inlets visit WAPDA chairman
- Demarcation at power intake area power intake Tunnels inlets for visit WAPDA chairman
- Data collection and topography at UCHAR proposed area for CGGC
- Joint measurement survey at TGAT for shotcrete fall area
- Observed River Water levels at CR-2, CR-9 steel truss Bridge & KASS steel truss Bridge
- Data collection for contractor at UCHAR camp for main works department
- Joint layout survey at UCHAR crush plant before pouring concrete
- Joint survey for back filling at Diversion tunnels inlet areas
- Topographic survey at dam site of current situation for Main works-01
- Data collection of existing KKH at SHATYAL for GIS department
- Verification of shotcrete work done survey at NASIR ABAD 1
- Verification of shotcrete work done survey at NASIR ABAD 2
- Joint as built survey and geological mapping at CR5-2 above elevation 1032
- Demarcation at KANDIA NATBAIL area for RAR02 ROW
- Revenue verification at SHATYAL with revenue team
- Joint as built survey and geological mapping at CR5-2
- Joint Topographic survey verification at UCHAR area

- Joint survey at KASS area of EM01 for main works02
- Observed River water level at CR-2 ,CR-9 Steel Truss Bridge & KASS steel Truss bridge
- Joint checked form work at Diversion tunnel-B before pouring concrete 0+002.3
- Verification of topographic survey points at UCHAR camp
- Observed boundary points at BARSEEN for land handing over to CGGC
- Verification of survey control network at Power House Cavern
- Topographic survey at dam site area for MW-01 design section
- Joint as built survey at Traffic Diversion Tunnel outlet
- Joint survey for geological over break at LBTT CH: 0+598 to 0+608
- Joint weekly convergence measurements at PHC CH: 0+220 and 0+240
- Boundary Data collection at dam site SIGLO area
- Joint Topographic survey along KKH road left bank area adjacent to BARSEEN camp
- Joint layout at Traffic Diversion Tunnel CH: 0+629
- Joint as built survey at EM01 KASS camp area for main work-01
- Joint weekly convergence measurements at PHC CH: 0+220, to 240
- Collect boundary line at KKH road left bank area adjacent to BARSEEN camp
- Verification of topographic map of UCHAR area adjacent to CGGC BARSEEN camp
- Joint measurement for convergence at ET and TGAT junction
- Joint topographic survey at UCHAR near Pakistani camp
- Joint measurement for convergence at Power House CH:
0+220,0+225,0+230,0+235,0+240
- Established survey control network in UCHAAR area for survey activities
- Joint survey for excavation at cable crane area Right bank
- Measurement for convergence at Power House CH: 0+220, 0+225,0+230,0+235,0+240
- Joint survey for Rock classification at cable crane area Right bank
- Joint checked formwork at Diversion Tunnel-B CH: 0-000 to 0-031 before pouring concrete
- Joint traverse & established survey control network MAT to Powerhouse with PPC company
- Joint topographic survey at UCHAR for CGGC Camp
- Joint excavation survey at River Diversion Tunnel-A outlet area
- Demarcation of power intake tunnels inlet start points at Power intake Area
- joint topographic survey before back Filling at UCHAR Pakistani camp
- Topographic survey at Dam site area for MW-01 design section
- Preparation of survey control points near Power House Cavern for handing over to EM01
- Topographic survey at UCHAAR area for MW-01 design section
- Verification of Geological over break quantity at LBTT CH: 0+598 to 0+608
- Verification of power intake ditch excavation quantity CH: 0+005 to 0+160
- Verification of Excavated quantity at LU-1 road CH: 0+080 to 0+190
- Reconfirmation of Geological over break for LBTT CH: 0+338 to 0+351
- Reconfirmation of Geological over break for LBTT CH: 0+238 to 0+250 & 0+423 to 0+429
- Verification of as built cross sections of Traffic tunnel outlet portal EI: 853m to 850m
- Verification of survey control network in Exhaust Tunnel
- Joint formwork verification before pouring concrete at DTB inlet Right wall EI 784.4 to 786.9
- Verification of Geological over break cross sections of Pressure Tunnel Manifold CH:
0+000 to 0+015
- As built cross sections verification of Penstock Adit 2 CH: 0+240 to 0+250
- Verification of geological over break quantity at Lower pressure tunnel 2 and manifold
- Verification of as built cross section at LBBT outlet EI 852 to 854m
- Joint survey for Geological over break in CT-2 Tunnel CH: 0+115
- Joint survey for convergence measurements at Power House Cavern CH: 0+230
- Joint survey points verification at KASS CGGC Camp area
- Monthly measure for convergence at MAT-STA and MAT-STC junctions
- Joint topographic Survey at UCHAR camp CGGC
- Aggregate survey at UCHAR Crush plants and CR-2 batching plant
- Joint survey for excavation at River diversion tunnel-A outlet area

- Observed River water levels at CR-2 , Steel truss Bridge CR-9 & steel truss Bridge KASS
- Topo graphic survey at BARSEEN Camp area Existing KKH to River side
- Joint survey for excavation at River diversion tunnel-B outlet area and BARSEEN area topographic
- Joint survey of collapse area at Transformer Cavern & Service Tunnel C Junction
- Demarcation of Dam axis at Dam site for Chairman WAPDA visit
- Established survey control points at power House for 2nd bench excavation
- Joint established survey control points at ET and power house with EM01 PCC contractor for draft tube
- Measurement for convergence at Power House CH: 0+220,0+225,0+230,0+235,0+240
- Aggregate survey at UCHAR Crush plants and CR-2 batching plant and CR-9 stock area
- Joint lay out survey at Service Tunnel-B CH: 0+064
- Verification of convergence points installations location at VAT
- Joint topographic survey at Power intake area for Current Excavation EL:1032
- Observed River water levels at CR-2 , Steel truss Bridge CR-9 & steel truss Bridge KASS
- Joint formwork verification before pouring concrete at DTB inlet Right wall El 784.4 to 786.9
- Verification of geological over break quantity at LBTT CH: 0+462 to 0+472
- Joint survey for Penstock Adit 2 Plug bottom (invert Lowering)
- Joint topographic survey for backfilling quantity at CT2 platform
- Verification of convergence points location at TGAT & ET
- Joint checked formwork at diversion Tunnel-B CH: 0+02.3 to -0+033 before pouring concrete
- Joint topographic & geological survey Left bank Traffic Tunnel Outlet area EL 786.9 to 789

d) Geology and Geotechnical Section Activities

i. Dasu-MW-01

• Traffic Diversion Tunnel

Geological mapping and collection of discontinuity data up to 0+643m.

ii. Dasu-MW-02

• In-Situ over Coring Test (GIST):

Note: Contractor has stopped activities and arranging new sub-contractor for over coring test. Issue has not been settled as of August 2022.

• 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

Geological mapping & collection of discontinuity data from 0+055m to onwards will continue after support works.

• 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+060m.

• Connection Tunnel-02 (CT-02)

Carried out subsurface geological mapping/data collected up to 0+111m.

• Vault Gallery Tunnel-Left (VGT-L)

Carried out subsurface geological mapping/data collection up to 0+023m.

iii. KKH-02

- Boulders measurement of KKH-02 after excavation of loose material from K33+730 to K33+750, K31+530 to K31+580, K33+750 to K33+850, K31+150 to K31+250 & K33+640 to K33+740.
- Classification of geological rock zones KKH-02 from K47-000 to K47+200).

iv. RAR-02

- Classification of geological rock zones of access road to RAR-02 from K13+100 to K13+400.

v. Infrastructure

- Classification and confirmation of bed rock S1 road of chuchang colony from K0+140 to 0+190.

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	Finish	Duration	Cost ²⁾	Weight by Cost ³⁾		
			(DDMMYY)	(DDMMYY)	Days	M PKR	(%)		
I	I.1	Relocation of KKH	KKH-01 KKH-02	24-08-15 15-05-20	13-12-19 13-05-22	1,572 728	14,539 16,265	4.96% 5.55%	EOT-3 in Progress. 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%	
	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, 1.7	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, 1.8	Underground Powerhouse Complex (1.6) HSS - Waterway and PH (1.8)	MW-02	23-06-17	18-06-26	3,282	64,426	21.99%	EOT-1 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⁾	36.7	33.1
Actual	13.2	11.2

- 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	85.3	165.1	32.4	-	0.04	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.
- Improvement of the Camp at K9 and batching plant commissioning started and continued during the month.
- Plant erection at K6+400 started & continued during the month.
- Slope protection works of Logro-An inlet area finished and installation of Serial Arches started and continued during the month.
- Slope protection works for outlet of tunnel portal at K4, RD= K4+631 continued during the month.
- Excavation work at K4+800 continued during the month.
- Camp construction at K5+100 continued during the month.
- Slope protection works at Zero-point third bench started and continued during the month.
- Removal of flood material material and recovery of buried equipment's & machinery from Camp/workshop/plant areas started and in progress.

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.	Removal of flood material from camp area.
		Stoppage of excavation at K20+500 due to additional land acquisition to remove the unstable rock slope. (Barseen to Uchar).	Revised location of Barseen bridge is proposed.	Preparatory works and mobilization in progress.
2.	K20+600 to K24+710	Proposal of new bridge to avoid the passing in the unstable slope area of the Dugah Nullah. (Kaigah to Barseen)	The proposal of new bridge crossing Dugah Nullah has been prepared by DHC and the Bridge proposal option 2 was approved by the Employer.	Preparatory works and mobilization in progress.
		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.	Preparatory works and mobilization in progress.

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

4.2.1 General Contract Data of KKH-02

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

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

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

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

4.2.2 Progress Status of KKH-02

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

Table 4.7: Progress of KKH-02 this Month

Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-KKH-02	4.6	19.1	0.9	2.57	0.10	8.3	1.0

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

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

4.2.3 Major Activities of KKH-02

The major construction activities undertaken during this month were:

- Excavation and blasting at K28 kaigah, K31 and K34 Panibah access Roads.
- Excavation in ROW at K28+450 to K28+800, K31+000 to K31+250 and K33+520 to K34+510.
- Construction of Security Check Post has been on going.

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	85.3	145.1	97.9	-	0.10	100.0	98.0

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

4.3.3 Major Activities of RAR-01

The major activities undertaken during this month were:

Construction Activities

- Checking & supervision of drilling and blasting activities at Ziad Khwar Nullah area, existing KKH (N35).
- Site supervision for ongoing drilling, blasting and excavation activities on existing KKH (N35) for restoration.
- Existing KKH (N35) road restoration completed and opened for traffic.
- Excavation work, drilling and blasting work, boulder blasting etc. at start, middle and end portion of Komila bypass in progress.
- Checking and measurement of slided material at K11+500 area of RAR01 project.
- Joint site visit with Employer team and Chairman Wapda to RAR-01 project.
- Joint visit with Employer for demolishing of local houses around K0+400, K0+450 and K1+620, ROW is now cleared in this location.
- Demolishing of local house by Contractor labours around K1+400 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.
- Combined Taking over Certificate for the original scope of works (RAR-01 Project) issued August 03, 2022.
- Uchar concrete batching plant not functional yet due to huge flood in Nullah (many times) i.e. July 2022 to August 2022).
- Existing KKH road totally damaged at some area due to Flood in Nullah dated August 25, 2022.
- Existing KKH (N35) road is totally damaged at Zaid Khwar Nullah due to high Flood in Nullah dated August 25, 2022 to September 05, 2022 and opened for single line traffic.

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	16.6	69.4	1.1	5.06	0.05	70.9	1.2

- The Contract has been commenced on 20th May 2021.
- S-Curves of DASU-RAR-02 is shown in Figure-13

4.4.3 Major Activities of RAR-02

The major construction activities undertaken during this month were:

- The excavation and blasting works are continued from K13+090 to K13+400, Seer Gayal Access Road and K20+590 cableway foundation.
- The excavation & blasting works are ongoing to reinstate existing Kandia access road after flood.

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	83.0	152.2	88.9	-	1.14	100.0	90.0

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

4.5.3 Major Activities of TL-01

Activities carried during the month:

- Block masonry work of Control house building at Grid Station is in progress.
- Excavation/cutting of access road to Grid Station is in progress.
- Foundation work for switchgear equipment's on upper terrace of Grid Station is in Progress.
- Erection work at T-138B, T-139A and T-204A 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	Erection	Stringing	Remarks
1	NTDC-1	JKD	Not started	Not started	Not started	Not started	Not started	Not started	The NTDC's Contractor could not drill for pile foundation of tower NTDC-1 and left the site.
2	NTDC-2	JKD	Completed	Completed	Completed	Completed	Completed		
3	NTDC-3	JKD	Completed	Completed	Completed	Completed	Completed		

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	The Employer instructed the Contractor to carryout the design work for JKD towers. However, the Contractor mobilized his team for subsoil investigation but the landowners stopped the work.
4	NTDC-4	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
5	NTDC-5	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
6	NTDC-6	JKD	Completed	Completed	Completed	Completed	Completed	Not started	
7	T-37	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
8	T-38	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
9	T-39	JKD	Not started	Not started	Not started	Not started	Not started	Not started	
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	
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	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
29	T-60A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
								Not started	
30	T-61A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
31	T-62A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
32	T-63A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
33	T-64A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
34	T-65A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
35	T-66A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
36	T-67A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
37	T-67M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
38	T-68A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
39	T-68M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
40	T-69A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Completed	
41	T-70A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
42	T-71A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
43	T-71M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
44	T-72A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
45	T-73A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
46	T-74A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
47	T-75A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
48	T-76A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
49	T-77A	ZM-60 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
50	T-78A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
51	T-79A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
52	T-79M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
53	T-80A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	
								Not started	
54	T-80M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Completed	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
								Not started	
55	T-81A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
56	T-81M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
57	T-82A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
58	T-82M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
59	T-83A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
60	T-83M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
61	T-84A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	Not started	
62	T-85A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed	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	

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
80	T-106	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
81	T-107	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
82	T-108	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
83	T-109A	ED-24	Completed	Not started	Not started	Not started	Not started		The Landowner of T-113B is demanding high price for foundation work.
								Not started	
84	T-110A	EG-24	Completed	Not started	Not started	Not started	Not started		
								Not started	
85	T-111A	ED-24	Completed	Not started	Not started	Not started	Not started		
								Not started	
86	T-113B	EG-24	Not started	Not started	Not started	Not started	Not started		Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
								Not started	
87	T-115A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
88	T-115M	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
89	T-116A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
90	T-119A	ZM-30 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
91	T-120	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
92	T-121A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
93	T-122A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
94	T-123A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
95	T-124A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
96	T-125A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
97	T-126B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
98	T-127B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
99	T-128B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
100	T-129A	ED-24	Completed	Not started	Completed	Completed	Not started		
								Not started	
101	T-130A	ED-26	Completed	Not started	Not started	Not started	Not started		Work has been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)
								Not started	
102	T-131B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								Not started	
103	T-132B	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
104	T-133A	ZM-60 Modify	Completed	Completed	Completed	Completed	Completed		
								Not started	
105	T-134A	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		

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

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S.no	Tower	Type	Excavation	Grounding	Concrete	Backfilling	Errection	Stringing	Remarks
131	T-161B	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		
								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		
								Not started	
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		
								Completed	
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		
								Not started	
156	T-185	ZM-30 Standard	Completed	Completed	Completed	Completed	Completed		

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

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

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

Table 4.15: Overall Summary of Major Activities of Transmission Line

No.	Description	Already Completed upto Previous Month	Completed in this Month	In Progress	Completed up to this Month	Remarks
1	2	3	4	5	6=3+4	7
A	Transmission Line					
1	Excavation/Cutting of tower foundation	172	0	0	172	
2	Concrete of tower foundation	168	0	0	168	
3	Backfill of tower foundation	168	0	0	168	
4	Tower Erection	153	3	0	156	
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	86
Sheikh Band	23	0	23	23	23	23
Jhalkot	20	0	20	20	20	20
Teyal Maidan	28	0	28	28	28	17
Total	179	6	172	168	168	156

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

Table 4.17 Materials on Site

No.	Items	Qty.
1	Tower Bodies (Nos)	23
2	Lynx conductor (km)	105
3	110-volt battery charger (Nos)	2
4	11kv switchgear panels (Nos)	15
5	CT/CV/CB ISO (Nos)	20
6	Surge arrestors (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-			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 Project Manager requested the Employer to resolve the issue in Weekly

Sr. No.	Section/ Location	Work completed	Current Status	Current Issues	Possible Further Issues	Action Currently undertaken
	200A & T-201A. T173A to T175A & T184 to T186.			the work on T-130A and demanding tree compensation amount. The Land owner of T-200A and T-201A stopped erection work demanding for compensation of repairing the drain below these towers which was damaged during foundation work. The Landowners have stopped stringing activity from T-173A to T-175A & T-184 to T-186 demanding for amount of tree compensation. Work have been stopped by local committee of Pattan and Palas. (T-43B ~ T-143A)		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	63.3	59.4	18.4	1.40	0.04	29.9	18.4

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

4.6.3 Major Activities of MW-01

Major construction activities and progress are summarized below:

4.6.3.1 Preparatory Works

(1) Contractor's Camp

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

- Construction of Barseen Camp located on the mountain side from existing KKH completed on June 9th, 2019.
- Construction of Pakistani Camp located in Uchar area completed on November 3rd, 2019.
- Construction of Chinese Labour 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-60%
- Stone Masonry for Retaining Wall-43%
- Installation of precast fence- 28%

(Note: No work observed at Kass Camp during the month of September due to interruption of local people.)

(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- 85%
- Stone masonry for 6# and 7# retaining wall- 100%
- Coarse Crushing Platform Leveling- 100%
- Foundation of the Belt Conveyor- 60%

ii) 1# Batching Plant

- Batching Plant Foundation Excavation- 100%
- Batching Plant Foundation Concrete- 40%

(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 Nalluh on 24th , 27th July, 1st , 12th , 16th , 20th , 24th & 26th August 2022

The Contractor's Water Supply Pipeline & pumps installed along the Uchar Nullah was washed out by debris flow in the Uchar Nalluh which results in stoppage of concrete/shotcrete works for Diversion Tunnel.

Backfill below Chinese and Local Dormitories at River side of Uchar Camp eroded due to debris flow in the Uchar Nalluh which result damage to the Chinese Canteen. Other buildings at river side is also in danger if further severe flood occurs in future.

(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.

Dewatering inside the Diversion Tunnel started from August 30th, 2022 and remaining continued during the month of September.

Desilting from DT-A started from night of 24th September, 2022.

4.6.3.2 Diversion Tunnel

(1) Excavation of Diversion and Adit Tunnels

i) Adit Tunnels

- 3# Adit tunnel underground excavation completed (804.3m) on 2nd April 2020.
- 1-2# Adit tunnel work started from 23rd September and completed at 804.6 m on April 18, 2021.
- 3-1# Adit tunnel underground excavation (244m) was completed on Dec 13, 2020.

ii) Diversion Tunnels

No Excavation and Concrete work inside the Diversion Tunnel except at DT.B Inlet Structure (Outside). Only dewatering works remained continued inside the Diversion Tunnel during the month of September. Also desilting inside the Diversion Tunnel started from 24th of September, 2022.

➤ **Open Excavation of Inlet Structure**

Diversion Tunnel A

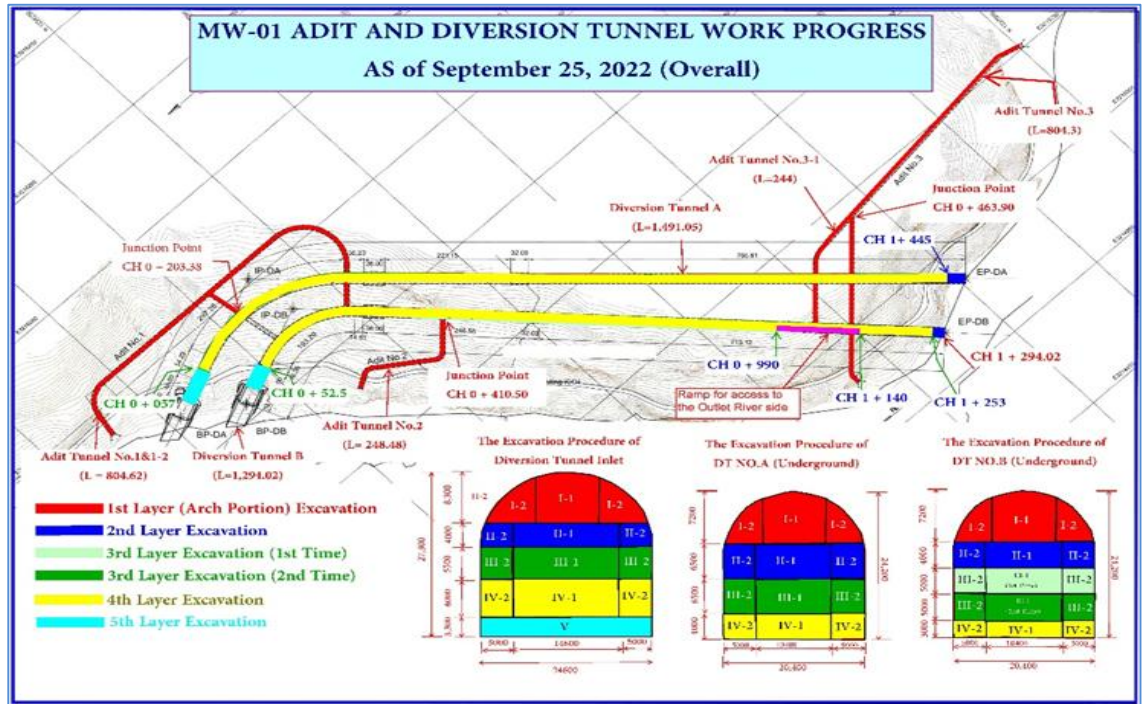
43,620/43,620m³ (100%) open excavation completed at the end of December 2020.

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 & 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 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 September 2022.

2) Inlet Lining Works (Inside)

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

- 12,159m³/ 21,600m³ (56%) completed till end of September, 2022.

2) Inlet Lining Works (Inside)

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

3) Shear Zone Area

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

4) Invert Levelling Concrete (C20)

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

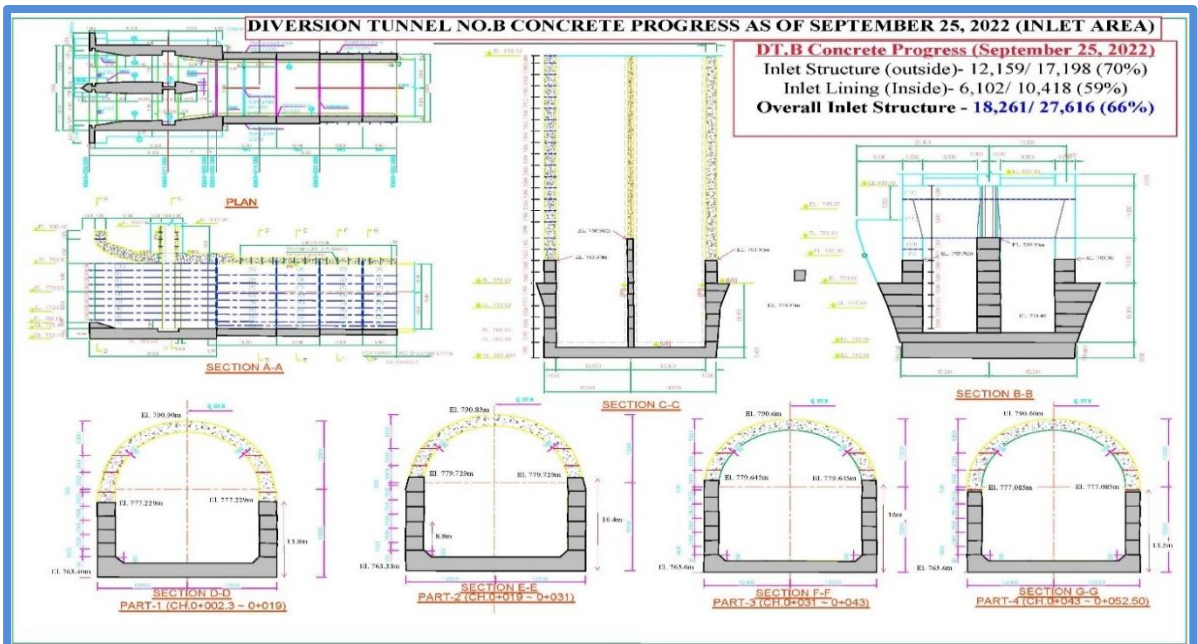
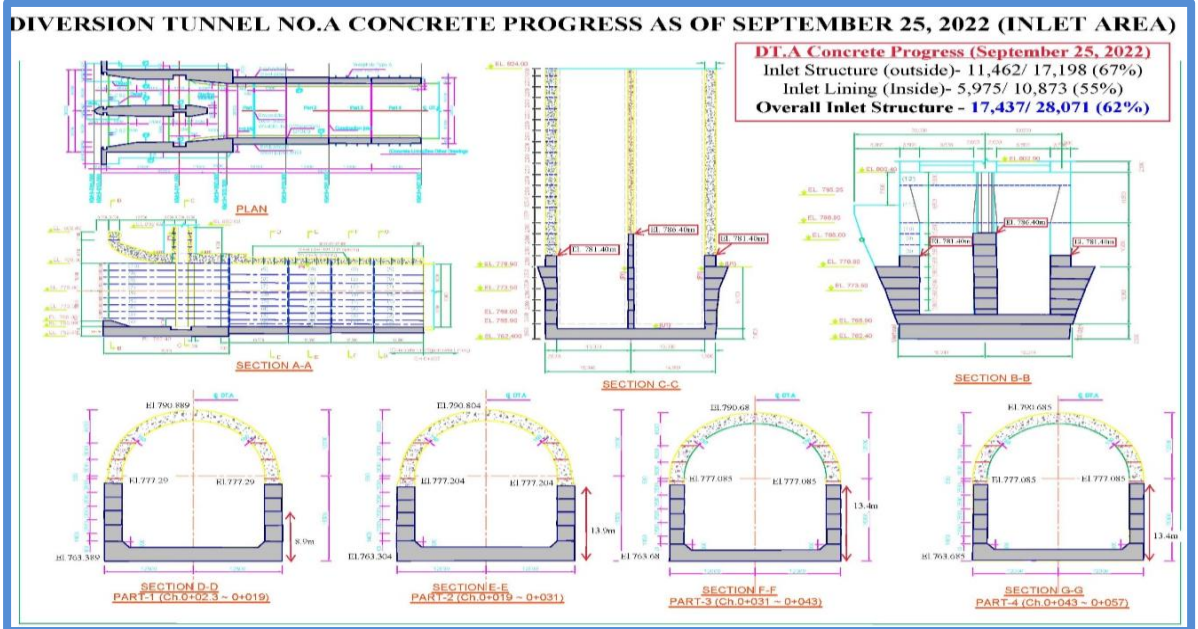
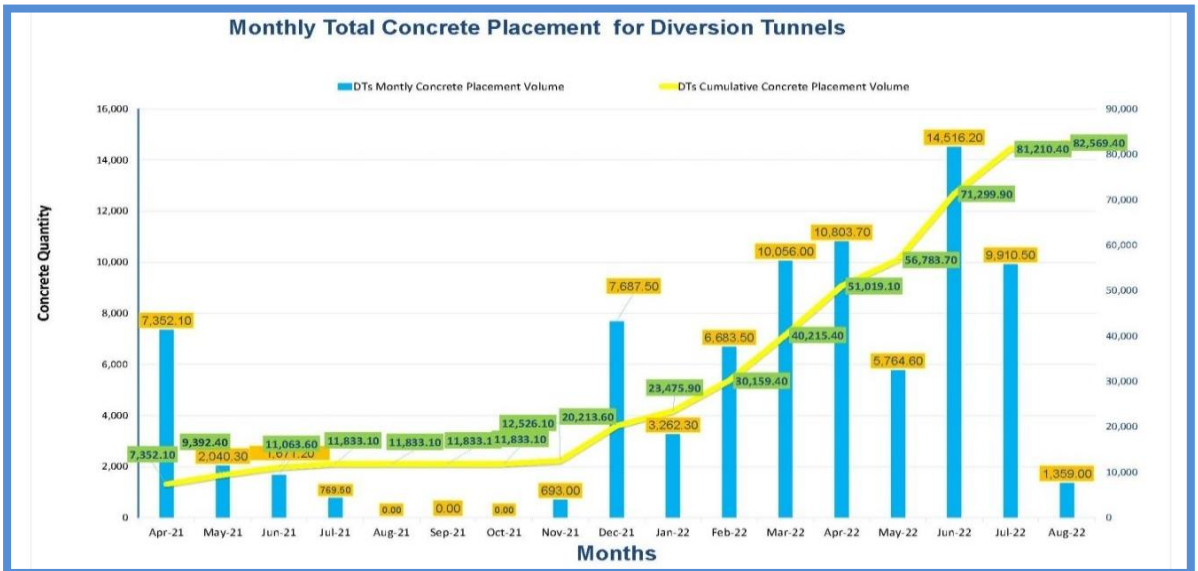
5) Invert Structural Concrete (A25)

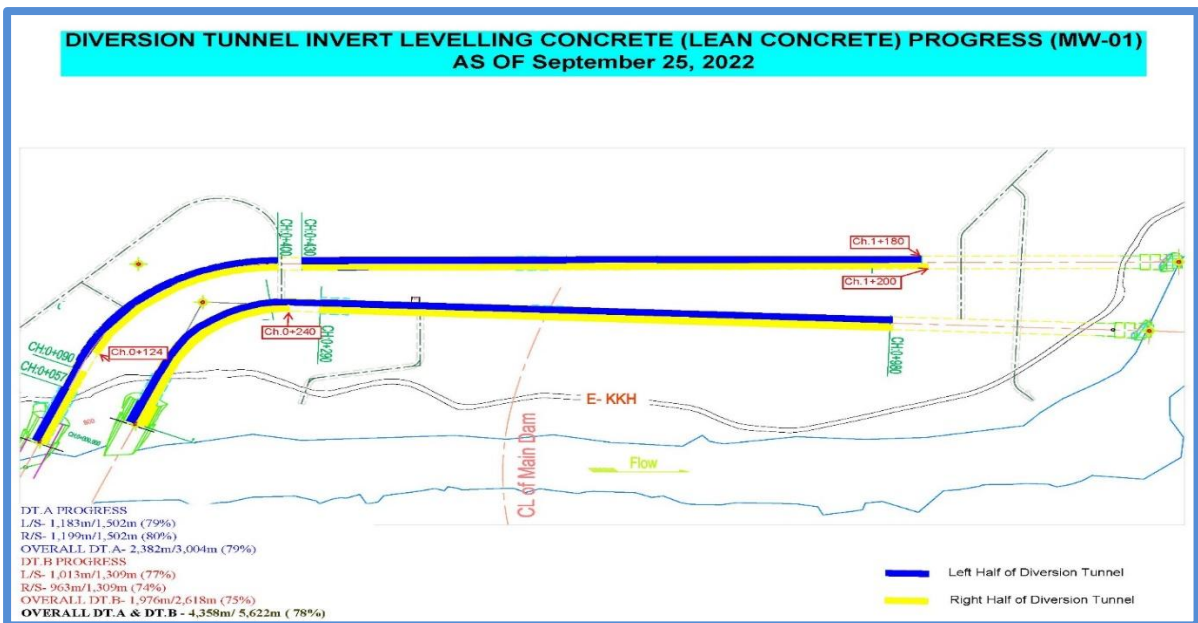
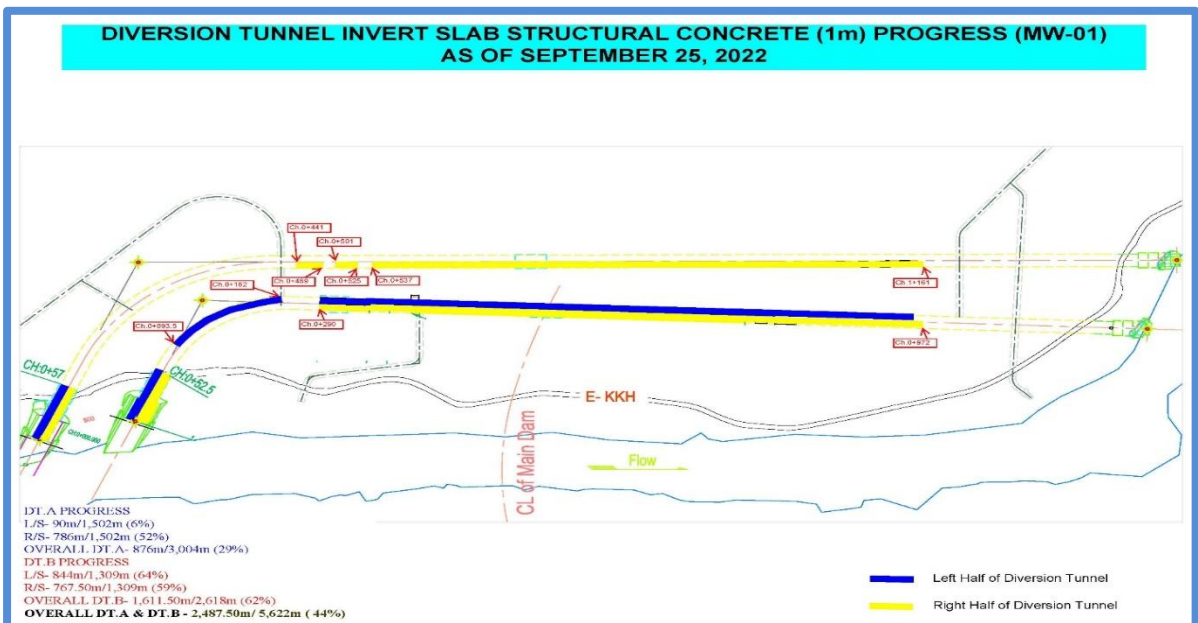
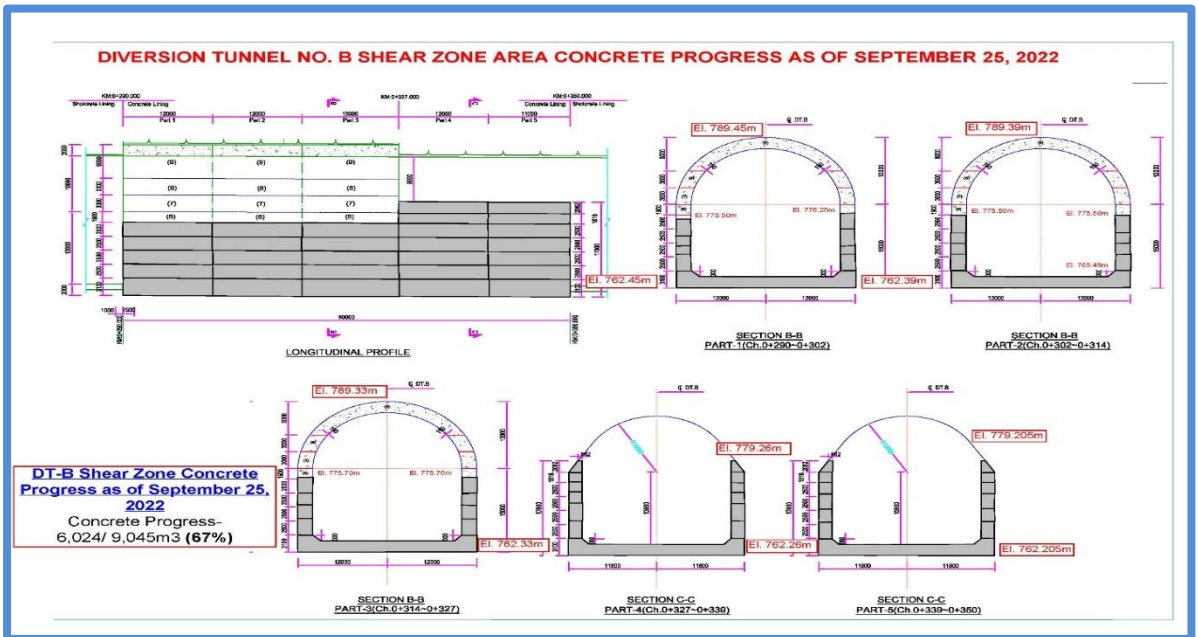
- L/S- 1013m / 1,309m (77%)
- R/S- 963m/1,309m (74%)

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
- Demolishing of Diversion Tunnel Outlet Dyke for removal of water from Diversion Tunnel carried out during the month of September.

9) Diversion Channel on the right bank

No activity observed during the month of July, 2022.

➤ **Temporary facilities (Diversion tunnel Inlet side)**

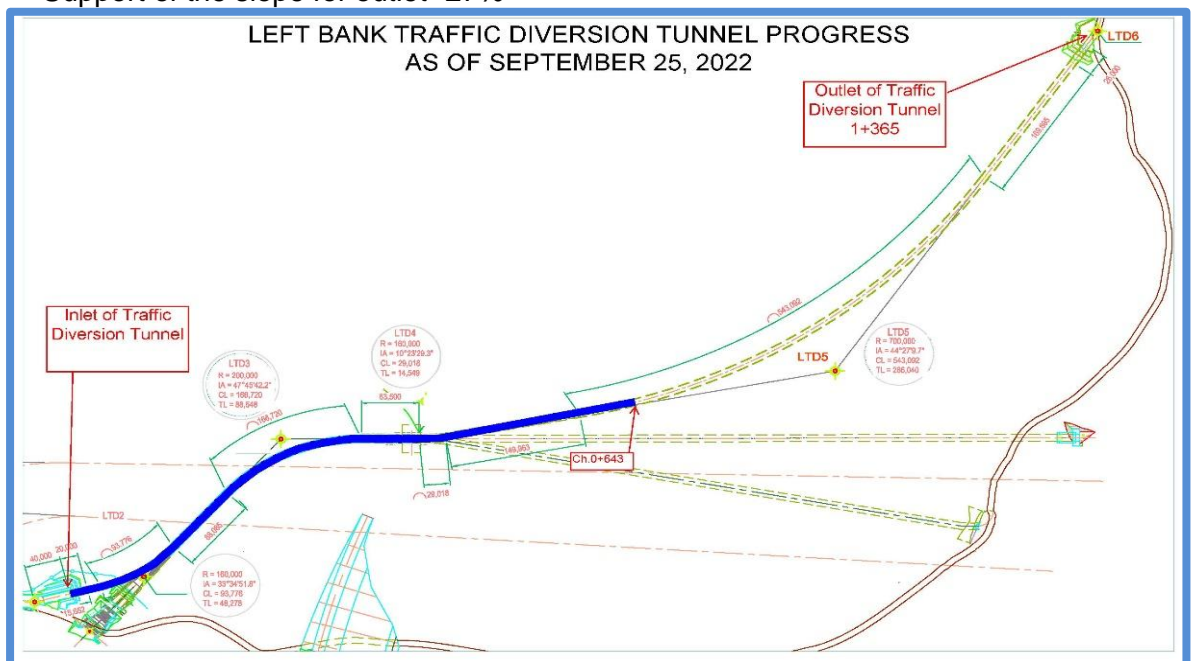
- Gabion protection for CR2 Road river side 100%

➤ **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- 643m / 1,365m (47%)
- Excavation of the Slope for Outlet- 71%
- Support of the slope for outlet- 27%



4.6.3.4 Main Dam

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

(1) Right Bank Abutment (Siglo Area)

- U/S Temporary Access Road Construction- 53.50%
- D/S Temporary Access Road Construction- 83.30%
- Excavation and support of Right Bank Cable crane Platform- 32%

(2) Left Bank Abutment

- Excavation of the second layer of CR5-2 Road- 27%
- 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.	Existing CR2 Eroded during flood on August 16, 2022. The Contractor recovered the CR2 road after the flood.			
2	Uchar Nallah Water Inlet	Installation of water supply pipe until dam site 100% completed on June. Intake structure 100% completed on June.				
3	Barseen camp	Dormitory & canteen housing finished.				
4	Pakistani Camp	Foundation Leveling: 100% Dormitory buildings : 100% , (8 dormitory houses, 1 Mosque and 1 canteen)	Backfilling and levelling work after the flood for uchhar Local Labor Camp remained continued during the month of September.			
5	Uchar Chinese Labor Camp	Construction of Prefabricated house: 100% Concrete Placement: 100% Fencing Wall: 100%	Backfilling and levelling work after the flood for uchhar Chinese Labor Camp remained continued during the month of September.			
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 Excavation: 41395/41395 m ³ (100%) open excavation completed at the end of December, 2020. Inlet dyke Concrete: completed on July 4, 2019. Temporary facilities (Diversion tunnel outlet side) Air supply station 100% Power station 100% Diversion Tunnel Outlet dyke Construction Works Concrete Works: for DT-A 100% completed on June 11, 2021 for DT-B 100% completed on June 13, 2021 Reconstruction of DT Outlet Dyke- A Dyke completed on June 13, 2022	Diversion Tunnel Excavation of Diversion Tunnel Diversion Tunnel Tunnels No Excavation and Concrete work inside the Diversion Tunnel except at DT.B Inlet Structure (Outside). Only dewatering works remained continued inside the Diversion Tunnel during the month of September. Also desilting inside the Diversion Tunnel started from 24th of September, 2022. 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. - The underground excavation of upper section (1 st layer) is completed and breakthrough was done on 23 rd September, 2020 at CH.0+995. ➤ The second bench excavation commenced on April 16, 2020 and completed till end of the June, 2021The excavated length is 1,491m/1,491m (100%) . ➤ The third bench excavation commenced on June 27, 2020. 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 September 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. - 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 Ch.0+290 after that rock condition improved and support type changed to Type II-5.	No activity inside the Diversion Tunnel due to Indus river overtopping from inlet dyke since August 17, 2022. Only dewatering and desilting remained continued during the month of September.		

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No.	Location	Works Completed	Current Status	Current Issues	Possible Further Issues	Action Currently Undertaken
		<p>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. 	<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 September 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 September 2022. <p>Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> Concrete Works: 5,975m³ / 10,873m³ (55%) completed till end of September 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"> 12,159m³ / 21,600m³ (56%) completed till end of September, 2022. <p>Inlet Lining Works (Inside)</p> <ul style="list-style-type: none"> 6,102m³ / 10,418m³ (59%) completed till end of September, 2022. <p>Shear Zone Area</p> <ul style="list-style-type: none"> Concrete Works: 6,024m³ / 9,045m³ (67%) completed till end of September, 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- 643m / 1,365m (47%) Excavation of the Slope for Outlet- 71% Support of the slope for outlet- 27% 	Slow progress 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%	<p>Left Bank Abutment</p> <ul style="list-style-type: none"> Excavation of the second layer of CR5-2 Road- 27% 			
10	Right Bank Abutment (Siglo Area)		<p>Right Bank Abutment (Siglo Area)</p> <ul style="list-style-type: none"> U/S Temporary Access Road Construction- 53.50% D/S Temporary Access Road Construction- 83.30% Excavation and support of Right Bank Cable crane Platform- 32% 			
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>			

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% 1# Batching Plant ▪ Batching Plant Foundation Excavation- 100% 	<ul style="list-style-type: none"> - Stone Masonry for retaining wall- 85% - Foundation of the Belt Conveyor- 60% 1# Batching Plant ▪ Batching Plant Foundation Concrete- 40% 			
12	Diversion Channel on the Right Bank		Diversion Channel on the right bank No activity observed during the month of September, 2022.			
13	Uchar Tentative Crushing Plant (River side)	All civil works and installation of machines completed	In operation			
14	Tentative Batching Plant (at Logro)	All civil works and installation of machines completed	In operation			
15	Kass	<ul style="list-style-type: none"> - Pool Construction-100 - 	<p>KASS Main Camp 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.</p> <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% - Pool Construction-60% - Stone Masonry for Retaining Wall-43% 	No work inside the Kass camp since August 9, 2022 due to interruption of the Local people.		The Engineer wrote letter to the Contractor to solve the issue and resume the work as soon as possible.

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 Purina Ago-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	63.3	58.7	7.4	2.02	0.01	41.5	7.5

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

4.7.3 Major Activities of MW-02

The major construction activities undertaken during this month were:

4.7.3.1 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)
- Surfacers Boulders blasting was in Progress (June 2022)
- Surfacers Boulders blasting was in Progress (Sep. 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).

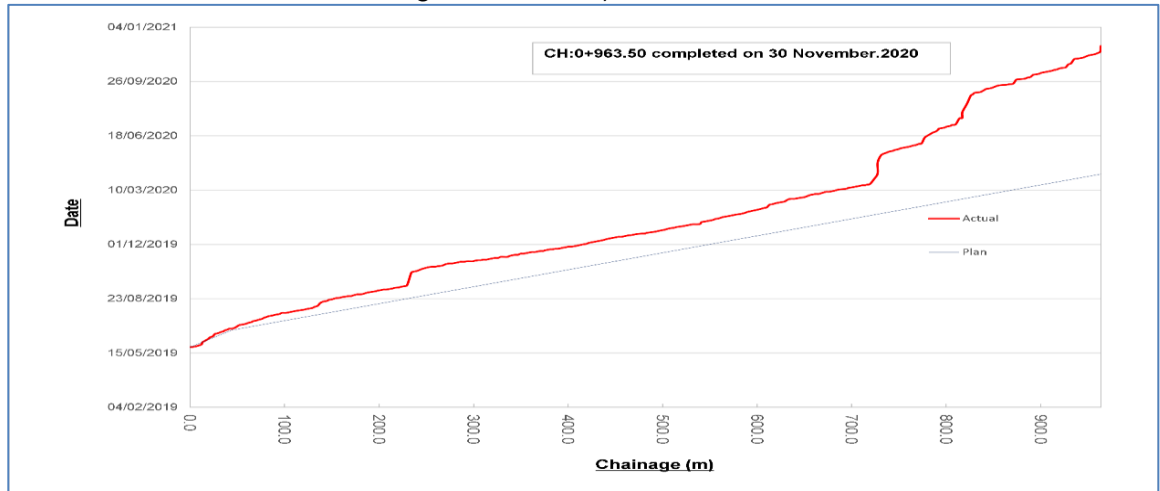


Figure: Work Progress of Main Access Tunnel

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 September 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 (Aug 2022)
- Excavation and Support of SCVAT 1 Gallery was in progress (current chainage 0+022 m (26 Sep 2022))
- Excavation & Support of SCVAT 2 Gallery (Current chainage 0+026 m (26 Sep 2022))

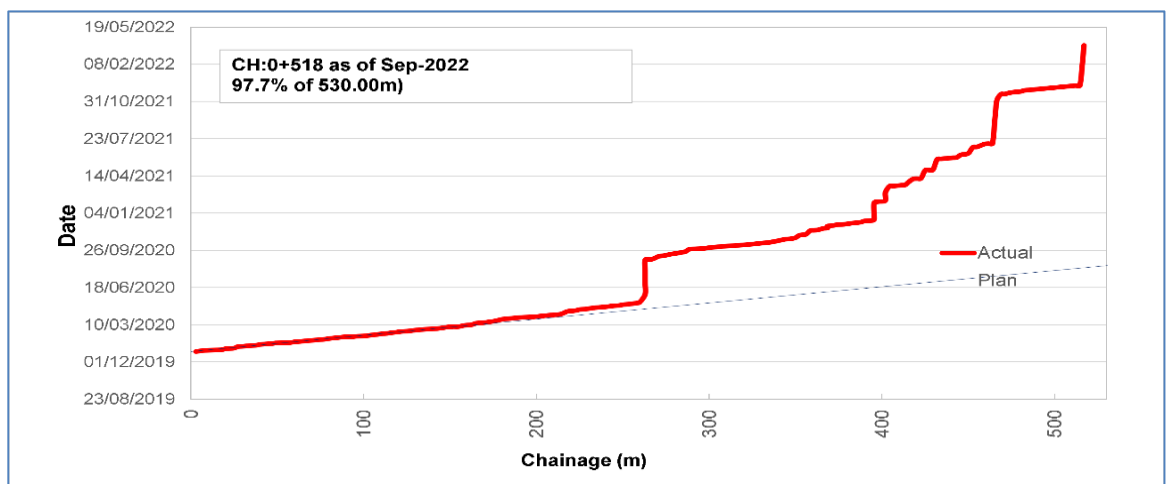


Figure: Work Progress of Surge Chamber Vault Access Tunnel

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 September 2022: 0.00m (567 m in total, 99.5% of total length of 569.73 m)

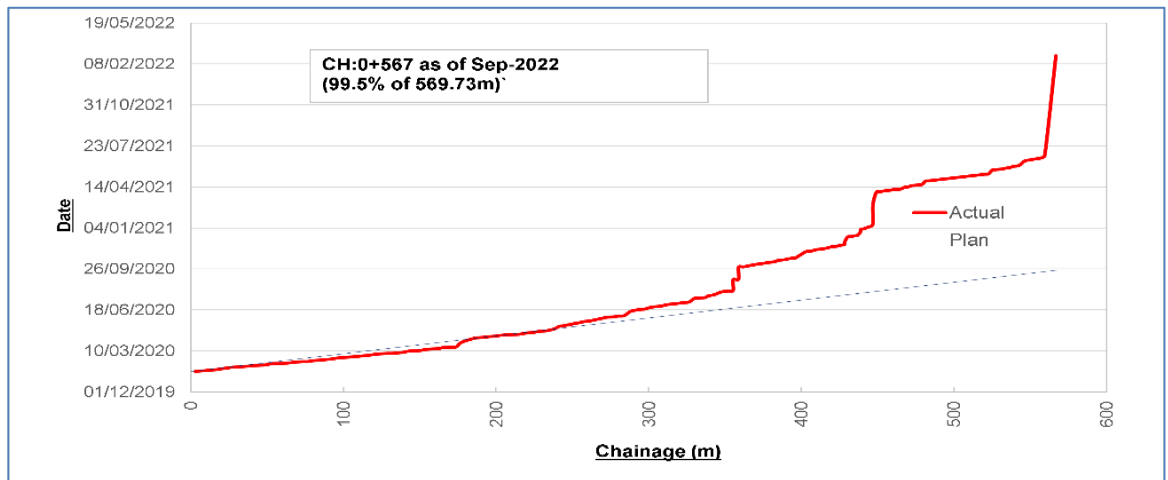


Figure: Work Progress of Service Tunnel A

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.)

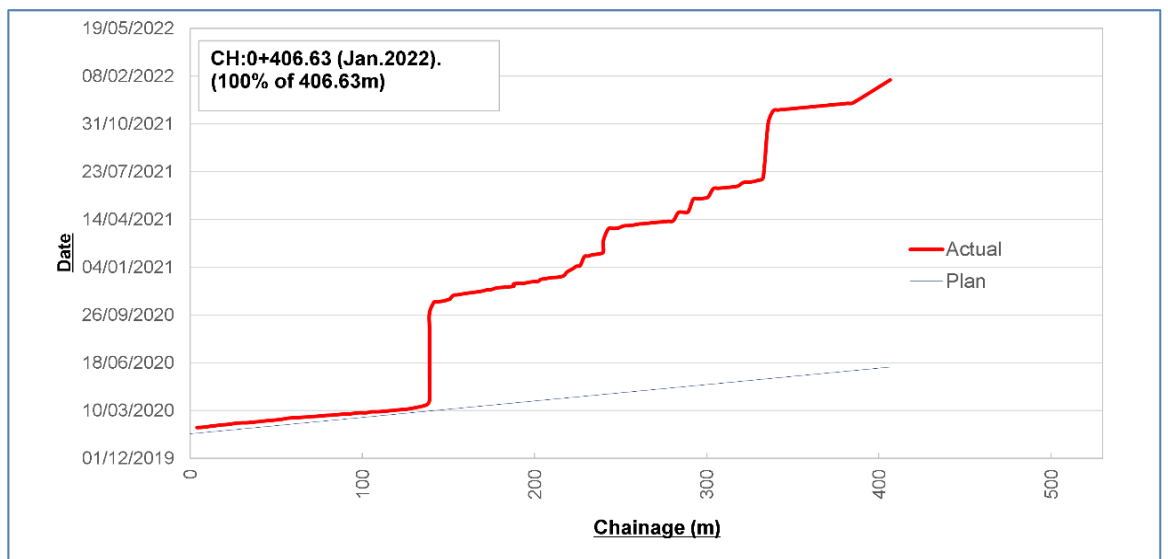


Figure: Work Progress of Service Tunnel C

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 September 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+64.5 approx. (26 September 2022)

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 was completed on the 24th of March 2022)
- Total Excavation Volume of Sep. 2022 is 36313.00 m3 of Total Powerhouse Cavern Excavation Volume of 378,570.46 m3 which is the progress of **9.6%** in total.
- Support Work is in progress for the overall Crown Pilot Portion.
- Trail Test for PS Tendon Tensioning was in progress (August 2022)
- Excavation for 2nd Bench Central portion II-1 of Powerhouse Cavern was in progress (Commenced 25 Sep. 2022)

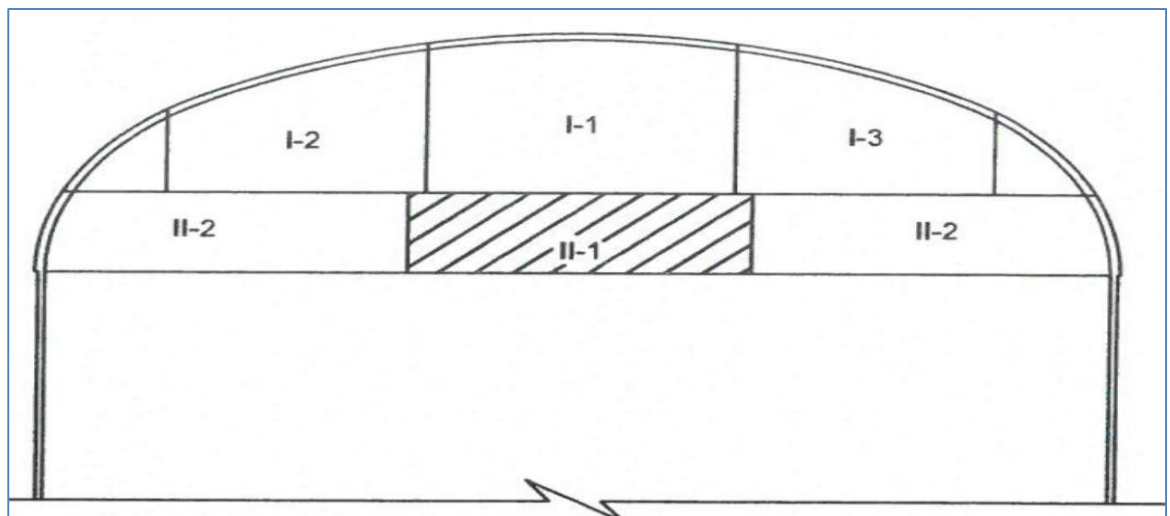


Figure: Section of Powerhouse Cavern 2nd Bench

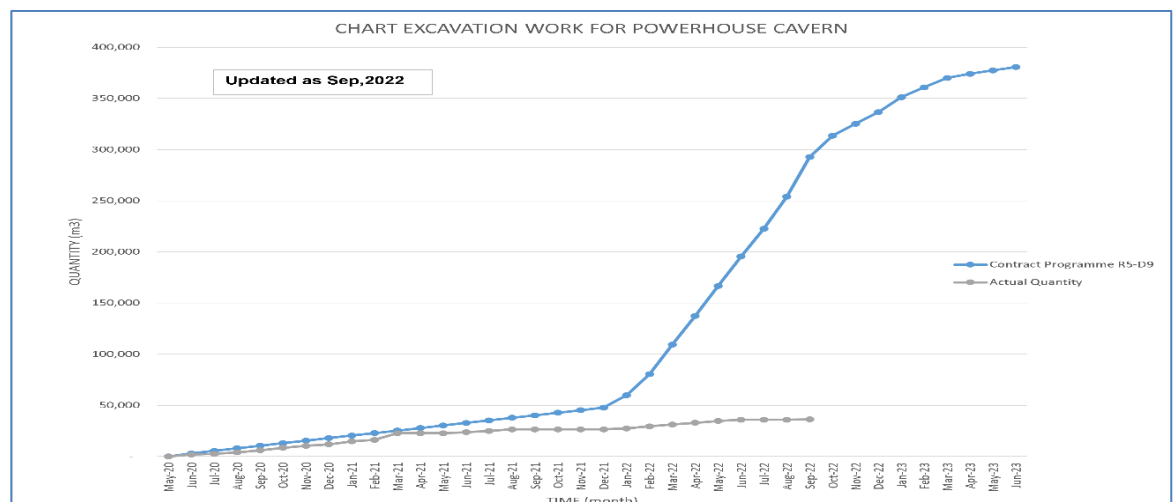


Figure Work Progress of Powerhouse Cavern 2nd Bench

4.7.3.10 Underground Transformer Cavern

- Excavation Bench 1 Crown Portion (Pilot Tunnel I-1) was commenced on 4 June 20.
- Updated rock support drawings were issued on 02 June 2020.
- Excavation was Completed I-1 in the Month of December 2021)
- I-2 Enlargement was completed on 12th of June 2022.
- I-3 Enlargement was complete on 22nd July 2022.
- Total Excavation Volume of August. 2022 is 26,756.698 of Total Transformer Cavern Excavation Volume of 234,829.30 m3 which is the progress of **11.3%** in total.

- Trail Test for PS Tendon Tensioning was in progress (August 2022)
- Excavation for 2nd Bench Central portion II-1 of Transformer Cavern was in progress (Commenced 25 Sep. 2022).

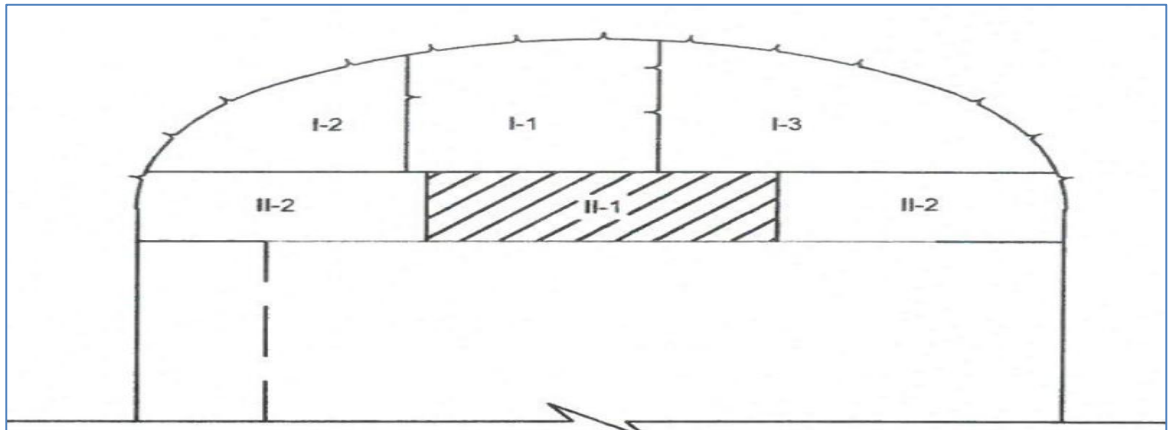


Figure: Section of Transformer/GIS Cavern Excavation 2nd Bench

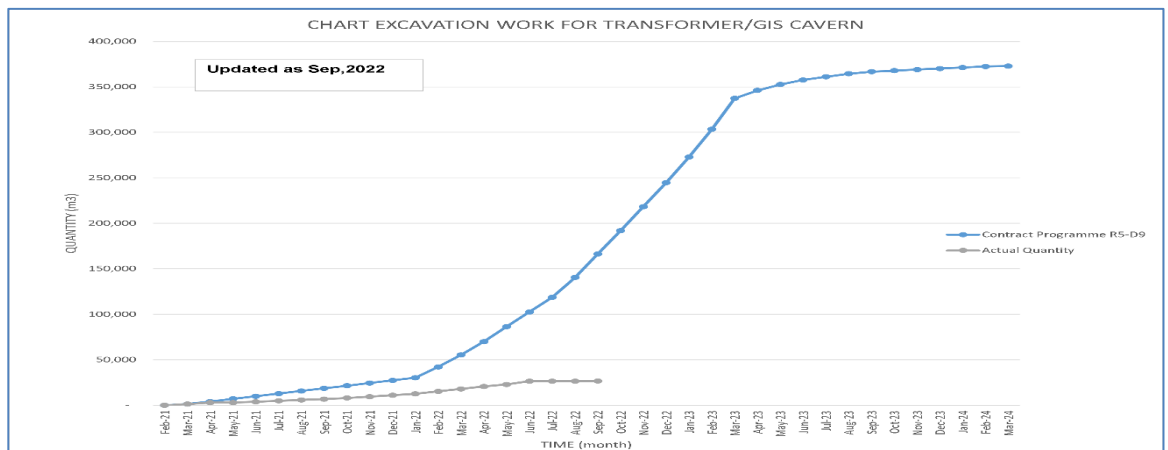


Figure: Work Progress of Transformer/GIS Cavern 2nd Bench Diagram

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).

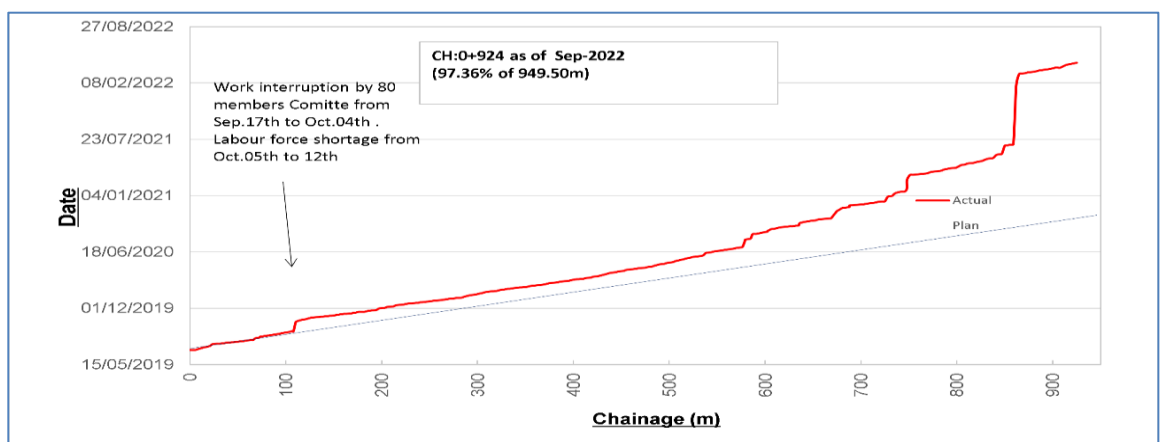


Figure: Work progress of Drain Tunnel

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.
- Penstock Adit Tunnel No.01 was Completed on 06 May 2022: (55 m in total, 100% of total length of 55.55 m).
- Lower pressure Tunnel # 1 excavation was Started 08/05/2022.
- Lower pressure tunnel # 1 Crown enlargement was in progress (Sep.2022)

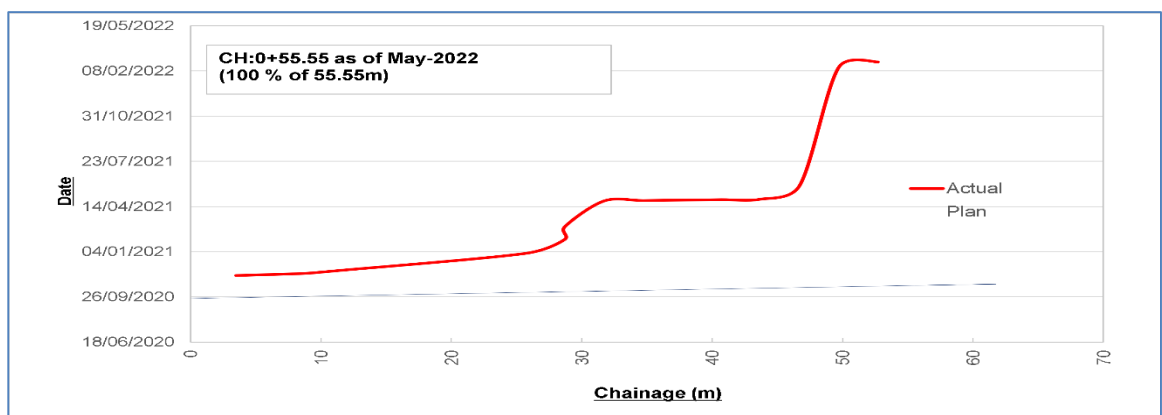


Figure: Work Progress of Penstock Adit Tunnel No.01

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)
- Lower pressure tunnel # 2 Invert Cleaning was in progress (sep.2022).

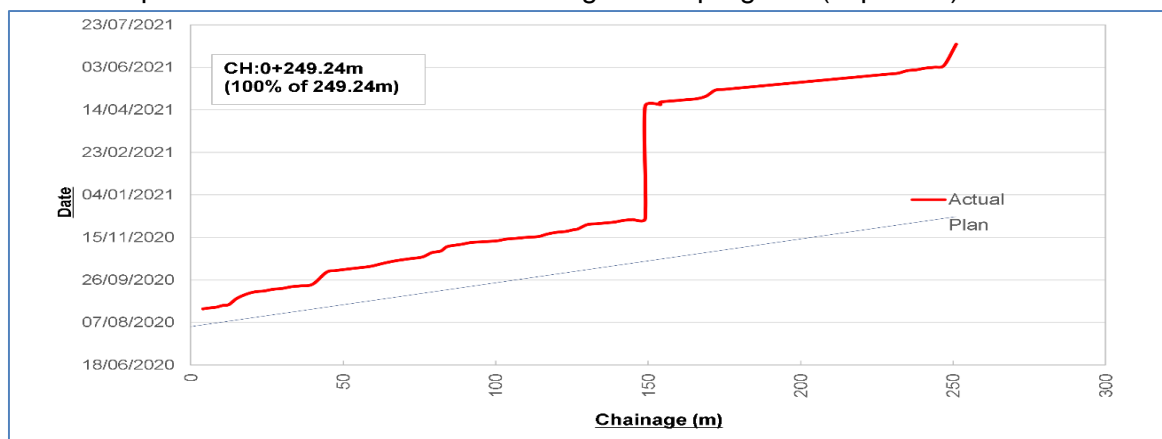


Figure: Work Progress of Penstock Adit Tunnel No.02

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.
- Excavation at Platform El.920m was in progress (September 2022)
- 5th Bench Excavation above El.960 was in progress (September 2022)

4.7.3.19 Daywork Order in the reporting month

- Provision of Material /Equipment(s) on daywork order for repairing KKH Zaidkhwarr Nullah.

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	1) The Contractor submitted the drawings however the essential information was lacked and rejected	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.	1) Bridge installation work will be delayed drastically because of the Contractor's poor method statement and	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

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		beam has been stated. 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	on 16 August 2018. 2) The Contractor submitted MS however, internal coordination is required. LEI N/A	3) Landowner at right bank frequently stop the construction work. 4) Improvement approach road for public use on right bank has been started on 24August 2019and was completed on 08 Aug.2019. LEI N/A	quality management. 2) Due to poor coordination, the erection work will be delayed drastically. (Construction will have a serious impact resulting in delay(s).) LEI N/A	contractual requirement for bridge truss installation. 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 August 2019.
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 CCCECC'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) (InProgress May 2022) 7) 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 Labor Camp is Completed in Jun 21
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.	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

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				The Contractor informed that landowner interrupted his work		
10	Khushi Spoil Bank and Batching Plant	Left Empty Intentionally LEI NA	The Employer coordinated with C&W to relocate his bridge girders from Batching plant area LEINA	The Contractor proposed new layout of spoil bank and batching plant in Khushi. LEI NA	His proposal requires to shift CCECC's spoil bank and coordination with local bridge contractor in Khushi. LEI NA	<ol style="list-style-type: none"> 1) The Engineer is conducting justification study of the proposal and request the Contractor to provide supporting document. 2) The Engineer coordinates the contractors to arrange relocation area of the girders 3) The Engineer continuously conducts coordination of 2) above. 4) The remaining part of Khushi Batching Plant site was handed over on 02 March 2020
11	Switchyard Area	LEI N/A	Self-relocation has been completed in the month of August 2021 Self-relocation along access road to vent tunnel was completed in Feb.2020	<ol style="list-style-type: none"> 1) Contractor requested hand over of switchyard area to start vent tunnel 2) Contractor requested to hand over the whole area of the switchyard. 3) Some residents interrupted the Contractor's activity Due to lack of material and workforce the Contractor shifted the material and workers to Adit No.3 outlet. 	Switchyard construction work may be critical work if the whole area will not be completed within December 2019.	<ol style="list-style-type: none"> 1) Engineer to proposed pertain handover to start vent tunnel. 2) Engineer identified partial hand over area by several discussion with Contractor. 3) The Engineer informed the Employer the land should be handed over in the middle of June by letter on May 2019. 4) The Engineer reminded the Employer in Nov.2019 5) The Engineer carefully monitors the self-relocation process in Jan.2020 6) The Engineer issued instruction to install fence and blind curtain around residential area on 27 February 2020. 7) The Engineer requested the Contractor to prioritize his work and to show resource arrangement of each workforce. 8) Engineer asked Contractor to start the activity at Switchyard during joint inspection dated 31 October 2021. 9) Engineer asked Contractor for Join Inspection to Commence the activity at switchyard area on 2nd Dec 2021. 10) Demolishing of Local Houses by day work order is in progress 11) Removing of Dump/spoil material by Daywork in progress (January 2022). 12) Joint Topographic Survey Is in progress for initial Excavation. 13) Joint Topographic Survey has been done (Feb.2022.) 14) Preoperatory work for the Local Labour Camp at Switch Area. 15) Excavation for Water Tank is in progress. 16) Reinforcement and formwork of the water tank are in progress. 17) Removing of Dumping material by Daywork is in progress 18) Excavation of 1st layer 16 April 2022. 19) Excavation of 2nd and 5th Layer was in progress. 20) Excavation of 1st Layer was in progress El.920 (June 2022) 21) 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) 22) Excavation at Platform El.920m was in progress (September 2022) 23) 5th Bench Excavation above El.960 was in progress (September 2022)
12	Intake (Logro area above KKH)	LEI N/A	Payment of self-relocation has been made	Self-relocation has been completed partial on 12 November 2019. Logro 1 area was partially handed over on 13 December 2019. Relocation of graves in the hand over is required. The contractor is informing that Logro-1 is not handed over by letter on 17 Jan.2020	Intake construction work may be critical work, if the land handover will not be completed in August 2019	<ol style="list-style-type: none"> 1) The Engineer informed the Employer the land should be handed over in the middle of June by letter in May 2019. 2) The Engineer reminded the Employer in Sep. 2019. 3) The Engineer confirmed status with the Employer in Oct.2019 4) The Engineer suggested the Contractor to change temporary road alignment to avoid excavating graveyard 5) Engineer replied that the Contractor shall secure and protect the handed over area. 6) Engineer is instructed to relocate timber at upstream of Logro1 Area on 20 February 2020. 7) A part of the Logro 1 area (0.53 ha) was handed over on 13 March 2020. Power intake protection fence excavation was commenced on the 28th of October 2021 and still is in progress.

	LEI N/A	LEI N/A	LEI N/A	LEI N/A	LEI N/A.	Blasting of surface boulders and lowering surface level was in progress (May 2022.) Blasting of surface boulders and lowering surface level for Ditch was in progress (July 2022.) Surface 8) Intake Protection Fence was in progress (Ditch Excavation) Surface Excavation. (sep2022)
13	Barseen Spoil Bank	To accommodate spoil material excavated from Main work site the Engineer requested CCECC to share his spoil bank at Barseen with CGGC.	Under negotiation with CCECC	CCECC refused the Engineer's proposal	Spoil bank for main work construction will be short.	1) The Engineer is negotiating with CCECC to share the spoil bank at Barseen 2) The Engineer instructed the Contractor to use the Barseen Spoil bank on 27 November
Note: The quantities and percentages mentioned herewith are approximate physical measurement.						

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 September 2022 MW-02						
Workforce			Equipment			
Type	Location	Qty	Type	Power/Capacity	Qty	Remarks
Tech. Staff	MAT 0+370	0	Water Pump	75Kw	1	One Operator Visiting Different Faces
Electrician		1				
Skilled		1				
Tech. Staff	MAT 0+510	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech. Staff	STA To PA & STA 0+300	0	Water Pump	7.5Kw	1	
Electrician		0		75Kw	1	
Skilled		1				
Tech. Staff	PH	0	Water Pump	45Kw	1	
Electrician		0				
Skilled		1				
Tech. Staff	ADFT	0	Water Pump	7.5kw	1	
Electrician		0				
Skilled		1				
Tech. Staff	MAT 0+820	0	Water Pump	75Kw	1	
Electrician		1				
Skilled		1				
Tech. Staff	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	45.2	193.9	92.0	-	2.00	100.0	94.0

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

4.8.3 Major Activities of LBRV-11

The following are major construction activities undertaken during this month:

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

➤ Khoshe Site-01

- Laying of water supply pipes is in progress.

➤ Khoshe Site-02

- Retaining wall construction in progress.
- Construction of water tank is 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. pcc 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	-Retaining wall construction in progress. -Construction of water tank is in progress		Nil	
3	Uchar 01	Site is handed over to local people except Mosque on 05 th Novemeber, 2020 Mosque grey structure and boundry wall, Sewerage line & soakage pit completed	site handovered		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	45.2	201.6	93.0	-	3.00	100.0	96.0

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

4.9.3 Major Activities of LBRV-12

The major construction activities undertaken during this month were:

(1) At Nasirabad- Site-1

- Slope protection is in progress

(2) At Nasirabad- Site-2

- Plot leveling is in progress
- Water tak construction is in progress.
- Filter tank construction is in proress.

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 retaining wall completed. Water tank completed.sewerage work 100% completed .mosque only door remaining.slope protection completed, PCC road completed.mosque completed except window glasses.	- Slope protection is in progress.			
2	Nasirabad-2	Plots development and road completed. Stone masonry retaining wall completed. Septic tank completed .anaerobic tank completed.pcc of road completed .mosque completd except window glasses .sewerage work completed.water supply pipes lying completed.water supply pipes lying completed.	- Plot leveling is in progress -Water tak construction is in progress. -Filter tank construction is in proress			

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	40.4	97.6	53.0	5.00	2.30	95.0	55.3

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

4.10.3 Major Activities of PCI-01R

The major construction activities undertaken during this month were:

- Internal electrification at project office is in progress.
- Cleaning and clearing of project office in progress.
- Lawn area filling is in progress.
- Electrical pole fixing within the colony is in progress.
- Excavation for water supply pipes within colony is in progress.
- Laying of water supply pipes within colony is in progress.
- Painting at cat 2, 2A, 2B, 2C units is in progress.
- Roof treatment at cat 2A, 2B, 2C units is in progress.
- Marble tile fixing for floor at cat 2 is in progress.
- Boundary wall plastering of Cat1 units is in progress
- Painting for wall of cat 1 units is in progress.
- Ward robe work at cat 1 is in progress.
- Fiiling and levelling lawns of cat 1 unit's is in progress.
- Plinth protection work for cat 1 units is in progress.

- Repair work at cat 1 unit's is in progress.
- Main gate for cat 1 units 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.
- Slab concreting at cat 4 and cat 3 remaining units' 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 mummy floor is completed. Plaster work completed. Marble, ceramic and porcelain tile work completed. Aluminum work and glass fixing for windows completed. false ceiling completed. internal painting completed. dome fixing completed. fan installation completed. curtain wall completed.</p> <p>RESIDENCE CAT-1 frame structure completed. block masonry work completed. plaster work completed. marble fixing completed. Completed. porcelain tile fixing completed Ceramics tile fixing completed. stair marble completed. roof treatment completed.</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 upto 98 % completed. Residence Cat-2C: frame structure and block masonry completed. Residence Cat-2D: Frame 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>	<p>-Internal electrification at project office is in progress. -Cleaning and clearing of project office in progress. -Lawn area filling is in progress. -Electrical pole fixing within the colony is in progress. -Excavation for water supply pipes within colony is in progress. -Laying of water supply pipes within colony is in progress. -Painting at cat 2, 2A, 2B, 2C units is in progress. -Roof treatment at cat 2A, 2B, 2C units is in progress. -Marble tile fixing for floor at cat 2 is in progress. -Boundary wall plastering of Cat1 units is in progress -Painting for wall of cat 1 units is in progress. -Ward robe work at cat 1 is in progress. -Filling and levelling lawns of cat 1 unit's is in progress. -Plinth protection work for cat 1 units is in progress. -Repair work at cat 1 unit's is in progress. -Main gate for cat 1 units 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. -Slab concreting at cat 4 and cat 3 remaining units' is in progress.</p>			

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	39.5	220.0	39.2	-	0.30	100.0	39.5

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

4.11.3 Major Activities of RV

The major construction activities undertaken during this month were:

(1) Additional Choochang site 1

- Site is handed over to local people.

(2) Choochang Site 1

- PCC road concreting 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.	PCC road concreting 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

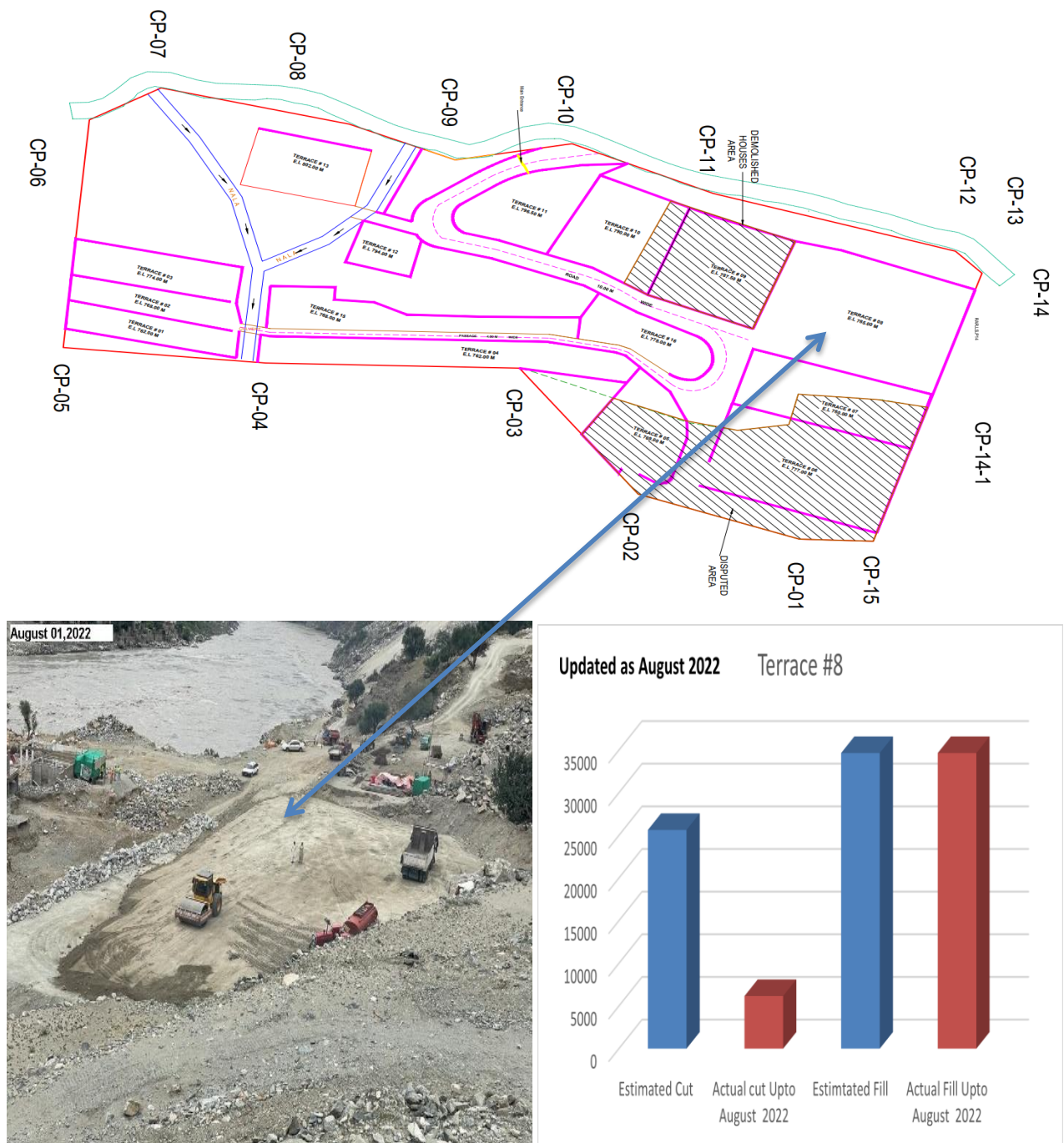
Package	Elapsed Time		Actual Work Progress Prior to this Month (%)	Work Progress of this Month		Work Progress up to this Month	
	Month	(%)		Scheduled (%)	Actual (%)	Scheduled (%)	Actual (%)
ICB No. DASU-EM-01	28.4	46.6	4.4	0.39	0.30	7.3	4.7

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

4.12.3 Major Activities of EM-01 (Civil Works)

4.12.3.1 Civil Works

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



Terrace#11 Excavation was in progress.

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

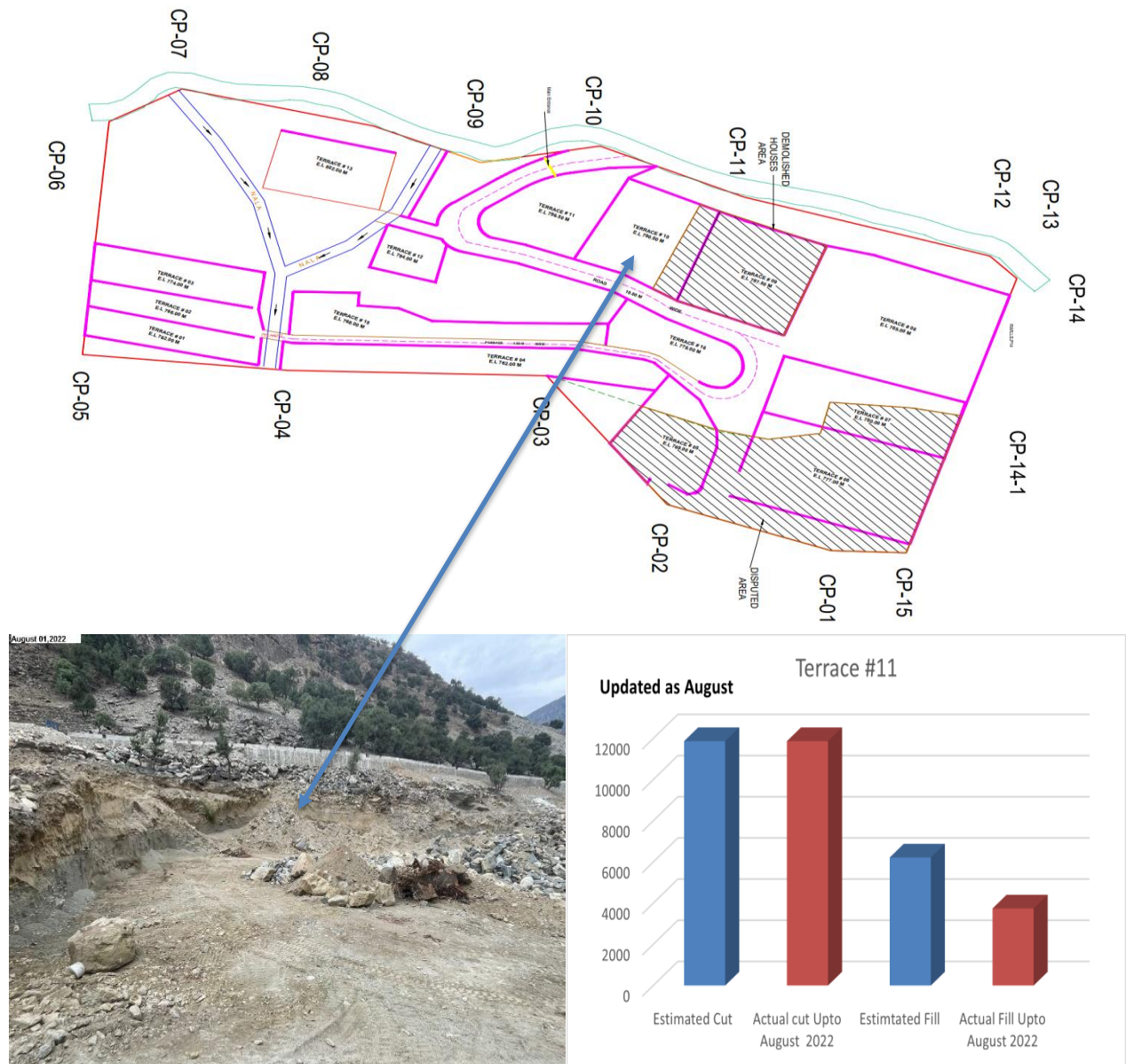


Figure: Terrace # 11 Cut and Fill

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.

EM-01(s) Work suspended on 10th of August 2022 by locals due to demanding of a subcontract from the Main Contractor

FDT TEST RESULTS			
S.NO.	LOCATION	DATE	RESULT %
Nil	Nil	Nil	Nil

The results must be reviewed/verified.



Figure: FDT Test for Terrace # 8

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

Demolishing of Locals residential houses

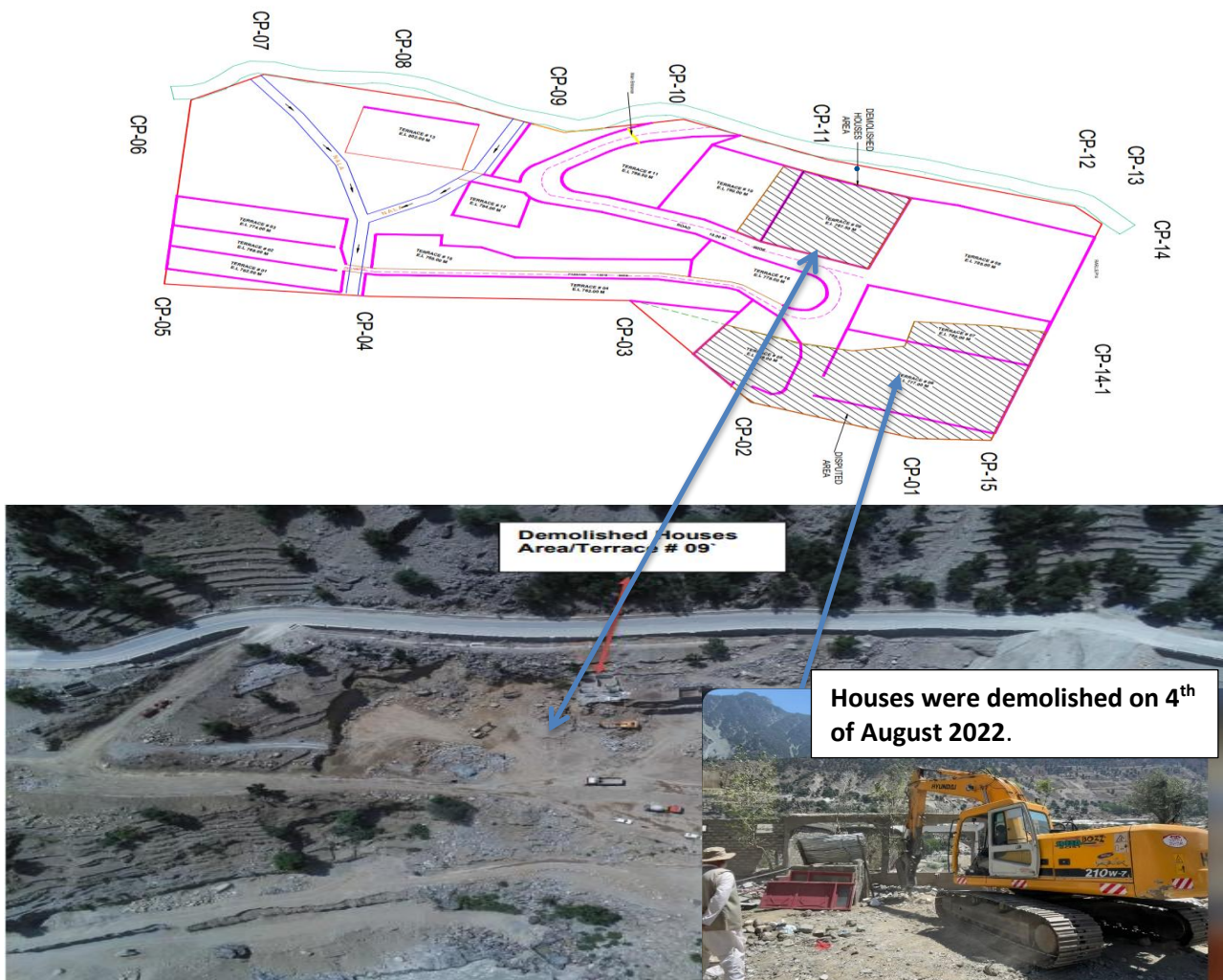


Figure: Demolishing of Locals residential houses

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

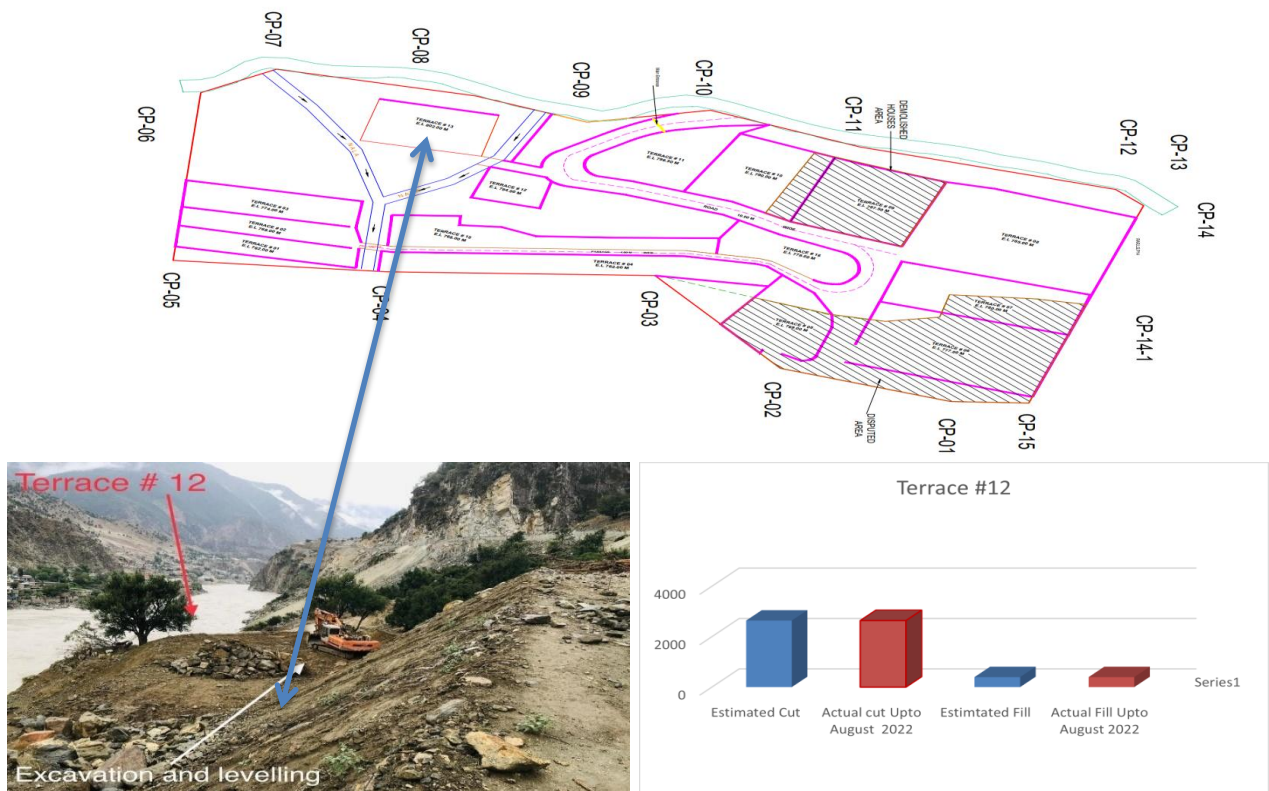
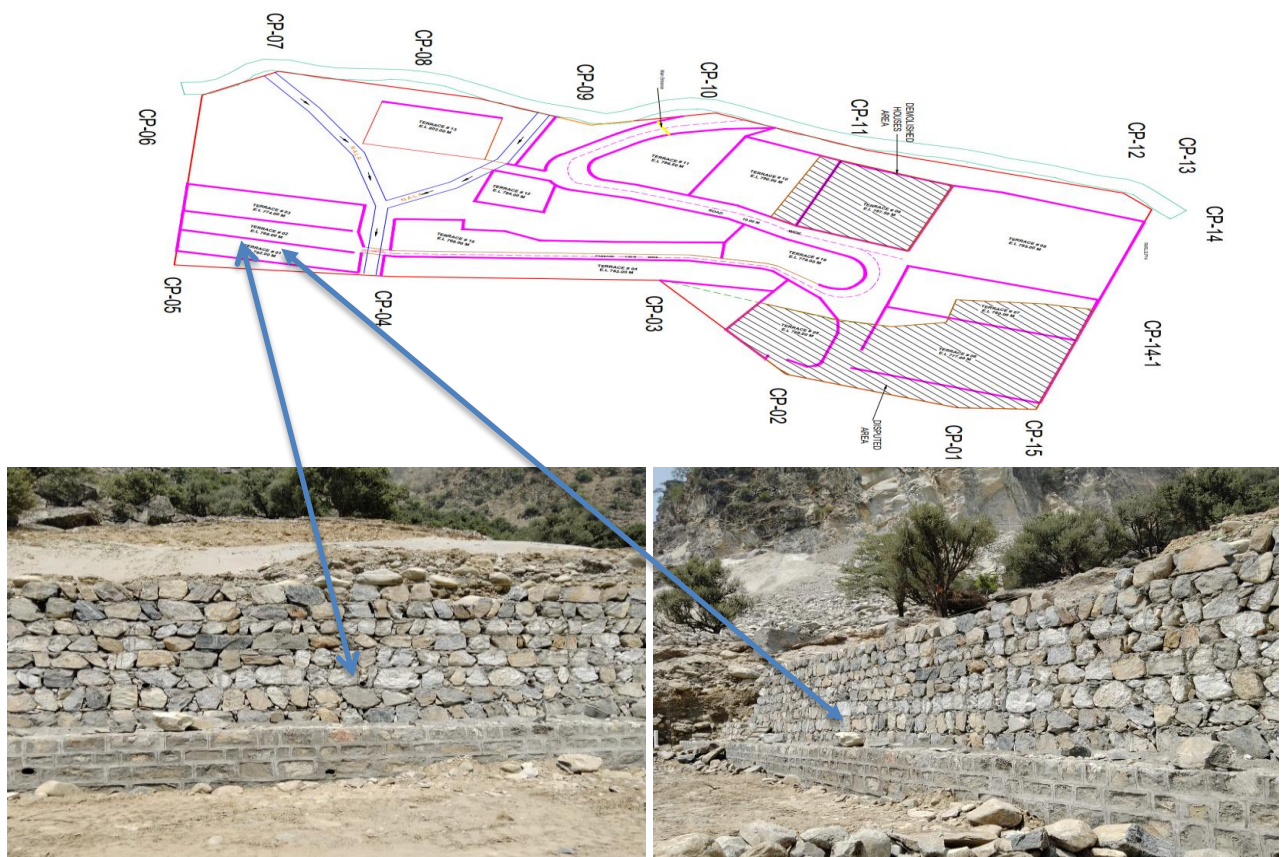


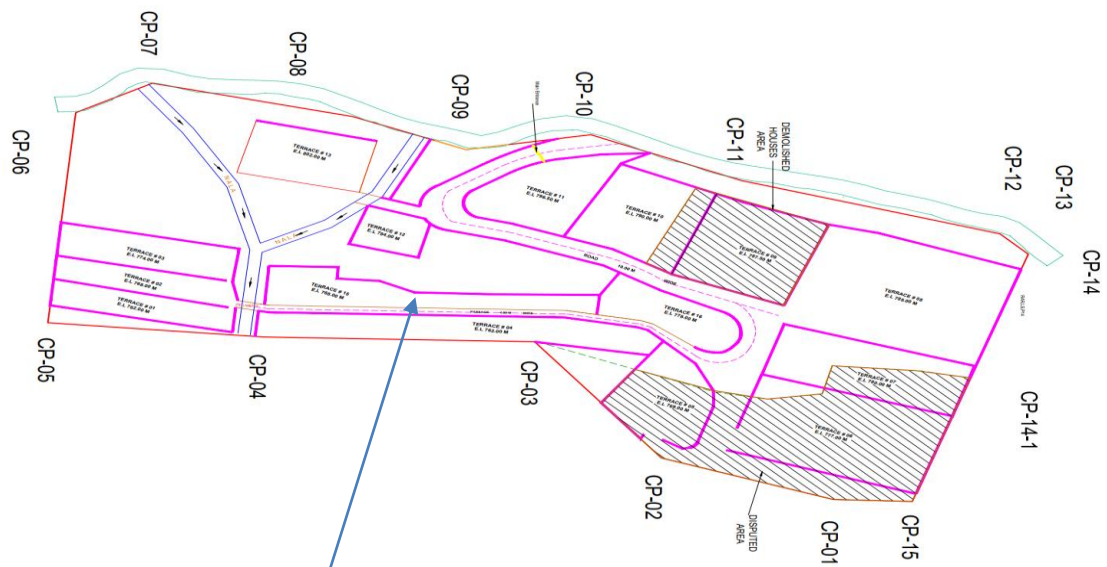
Figure: Terrace 12 Cut and Fill

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

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

- 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	01
10	Pick up	Suzuki	01	00
11	Car	Corolla	01	00
12	Total Station	Nikon	01	01

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

4.12.5 Workforce

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

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

4.12.6 Graphs

The Work was suspended due to local disruption as the per datum of the diem dated 10th August 2022 to till Date.

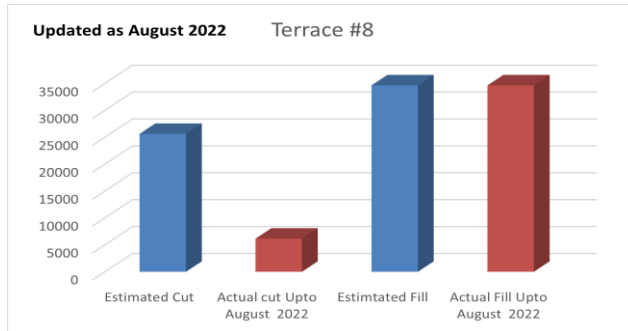


Figure: Terrace # 8

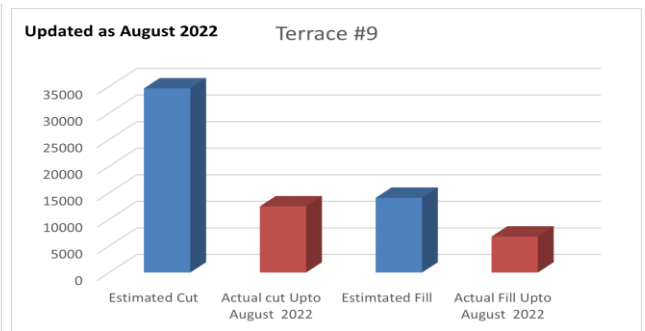


Figure: Terrace # 9

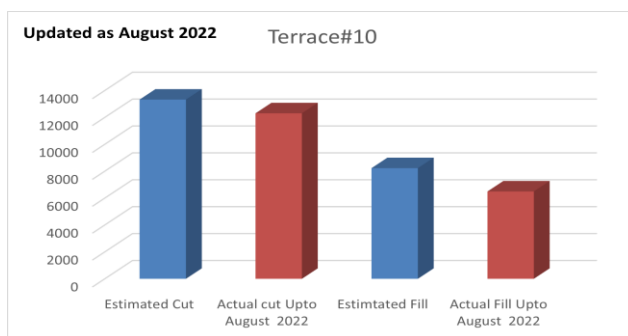


Figure: Terrace # 10

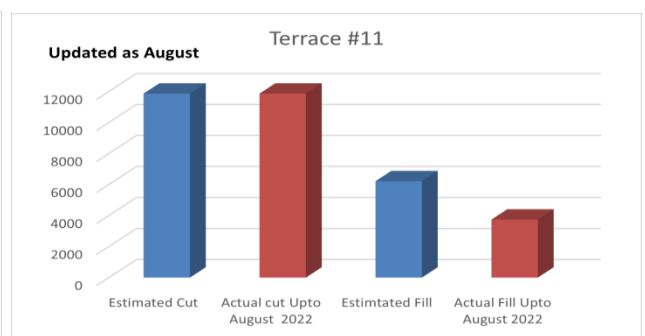


Figure: Terrace # 11

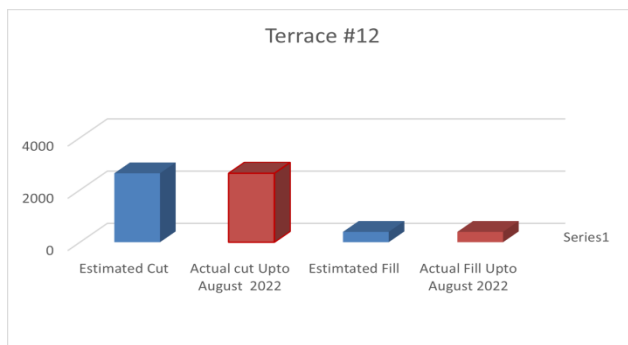


Figure: Terrace # 12

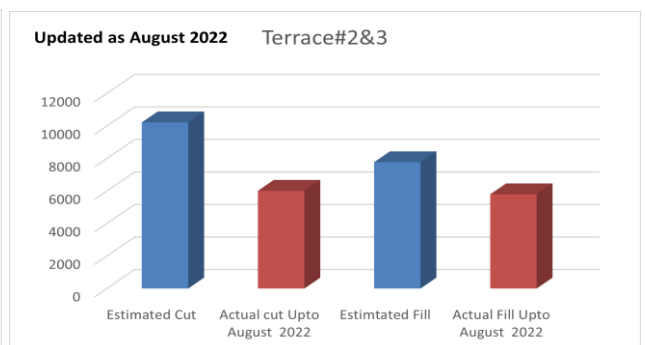


Figure: Terrace # 2/3

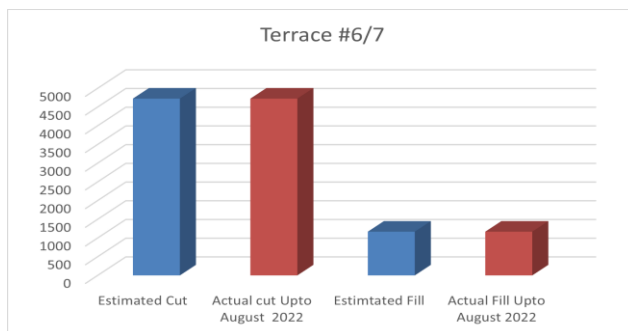


Figure: Terrace # 6/7

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		JPY	EURO	PKR						
		3,765,402,844	8,628,984	2,726,702,454						
Sr. No.	Inv. No.	Description	Submitted To Wapda			Payments Received From WAPDA *				
			Date	JPY	EURO	PKR	Date	JPY	EURO	PKR
1		Mobilization Advance	0	0	0	10.04.2015	284,715,484	777,495	167,799,158	
2	001	Aug-14	06.03.2015	8,405,708	150	16,562,851	0	0	0	
3	002	Sep-14	06.03.2015	11,922,037	150	18,508,898	0	0	0	
4	003	Oct-14	06.03.2015	22,629,091	150	18,580,716	0	0	0	
5	004	Nov-14	16.03.2015	27,598,424	29,849	27,713,464	0	0	0	
6	005	Dec-14	18.03.2015	25,234,974	28,994	20,594,485	0	0	0	
7	006	Jan-15	24.03.2015	12,711,871	16,375	29,801,646	0	0	0	
8	007	Feb-15	30.03.2015	12,841,559	32,919	19,037,857	0	0	0	
9	008	Mar-15	19.06.2015	21,055,679	44,401	29,446,228	0	0	0	
10	009	Apr-15	19.06.2015	26,370,102	22,116	25,287,607	0	0	0	
11	010	May-15	19.06.2015	19,567,111	45,421	28,157,418	0	0	0	
12	011	Jun-15	27.07.2015	18,599,162	57,684	29,568,830	0	0	0	
13	012	Jul-15	20.08.2015	11,939,864	39,018	28,833,478	0	0	0	
14	013	Aug-15	23.09.2015	11,447,313	66,020	34,179,554	0	0	0	
15	014	Sep-15	20.10.2015	15,648,775	61,828	29,842,901	0	0	0	
16	015	Oct-15	23.11.2015	18,420,095	57,607	53,248,321	29.02.2016	0	0	5,751,295
17	016	Nov-15	21.12.2015	23,367,864	53,589	29,564,237	03.02.2016	0	0	9,211,398
18	017	Dec-15	25.01.2016	18,530,461	43,902	29,012,517	29.02.2016	0	0	9,475,900
19	018	Jan-16	26.02.2016	23,422,910	59,880	46,873,375	28.03.2016	0	0	13,388,161
20	018-R**	From Aug 2014 to Dec 2015	24.03.2016	0	0	40,964,475	12.04.2016	0	0	15,759,401
21	019	Feb-16	31.03.2016	20,078,687	48,599	28,361,112	18.05.2016	0	0	10,076,078
22	019-R***	From Aug 2014 to Jan 2016	07.04.2016	0	0	12,023,529	18.05.2016	0	0	1,481,194
23	020	Mar-16	22.04.2016 Resubmitted on 30.06.2016	23,432,735	58,393	25,971,654	19.07.2016	0	0	12,581,502
24	021	Apr-16	20.05.2016 Resubmitted on 28.07.2016	18,431,384	58,223	24,185,560	08.09.2016	0	0	14,436,817
25	022	May-16	20.06.2016 & PKR resubmitted on 22/09/2016	17,749,931	43,655	30,528,705	07.10.2016 & JPY & EURO 27.02.2017	7,057,385	0	19,625,266
26	Final Supplementary Invoice	For the month of July 2013, June 2014 & July 2014 Assignment-A	29.06.2016	3,818,324	2,742		JPY 27.12.2016 & EURO 03.01.2017	2,432,327	1,717	
27	Final Supplementary Invoice	From Sep 2011 to July 2014 Assignment-A	11.07.2016			47,341,439	23.11.2016	0	0	14,855,888
28	023	Jun-16	26.07.2016 & PKR submitted on 09/09/2016	19,139,749	36,433	27,473,100	11.11.2016 & JPY & EURO 27.02.2017	14,345,806	0	17,670,947
29	Arrears of Escalation	From Oct 2015 to Apr 2016	28.07.2016	0	0	1,355,438	07.10.2016	0	0	413,116
30	024	Jul-16	24.08.2016 & PKR submitted on 31/10/2016	20,944,715	61,067	24,665,984	30.12.2016 & JPY & EURO 27.02.2017	16,193,143		15,846,067
31	025	Aug-16	28.09.2016 & PKR Submitted on 19/12/2016	28,898,700	59,162	21,740,830	06.03.2017 & JPY & EURO 27.02.2017	22,370,210	15,264	18,538,901
32	026	Sep-16	25.10.2016 & PKR Submitted on 12.01.2017	20,457,552	33,105	32,972,027	06.03.2017 & JPY & EURO 27.02.2017	15,933,806	25,748	29,723,302
33	027	Oct-16	06.12.2016 & PKR 14.02.2017	14,676,229	56,107	22,391,491	JPY & EURO 27.02.2017 & PKR 10.04.2017	11,298,749	44,624	17,951,057
34	028	Nov-16	12.01.2017 & PKR Submitted on 22.03.2017	17,010,852	52,349	22,566,949	JPY 03.04.2017 & EURO 20.04.2017 & PKR 24.04.2017	13,561,713	41,752	17,202,754
35	001S to 005S	From Aug 2014 to Dec 2014	17.01.2017	35,021,686	16,190	50,871,653	19.06.2017 & Remuneration JPY 19.01.2018	9,296,144		25,721,225
36	006S to 011S	From Jan 2015 to Jun 2015	23.01.2017 & JPY & EURO on 24.01.2017	36,756,702	69,748	85,353,118	PKR Remuneration 19.06.2017 & PKR Reimbursable 27.07.2017 & Remuneration JPY 19.01.2018 & EURO Remuneration 29.01.2018	6,660,958	10,515	52,016,281
37	PST	Claimed PST Withheld from Assignment-B Invoices from Aug 2014 to Jul 2016	03.02.2017			61,313,933	17.01.2017 & 13.02.2017			61,313,933
38	012S to 017S	From Jul 2015 to Dec 2015	JPY & EURO 03.02.2017 & PKR 06.02.2017	36,713,717	83,680	93,151,635	PKR Reimbursable 27.07.2017 & Remuneration JPY 19.01.2018 & PKR Remuneration 15.11.2018	10,508,656		54,091,709
39	PST	Claimed PST withheld from Assignment-A Invoices	03.02.2017			5,399,488	PKR Remuneration & Reimbursable 04.02.2019			4,927,884
40	029	Dec-16	09.02.2017 & PKR 18.04.2017	9,687,563	45,912	24,460,842	JPY 03.04.2017 & EURO 20.04.2017 & PKR 17.05.2017	7,767,335	37,719	17,535,952
41	018S to 026S	From Jan 2016 to Sept 2016	22.02.2017 & PKR 13.04.2017	53,959,508	118,420	72,655,226	Jan 2016 & Feb 2016 PKR Reimbursable 19.10.2017 & Remuneration JPY 19.01.2018 & PKR Reimbursable 15.11.2018 & PKR Remuneration (Arrears of Escalation) 15.11.2018 & PKR Remuneration 11.04.2019	3,249,301		21,244,401
42	030	Jan-17	13.03.2017 & PKR 09.06.2017	11,265,956	43,684	27,832,378	JPY 10.04.2017 & EURO 24.04.2017 & PKR 17.07.2017	8,584,183	35,142	23,123,731
43	031	Feb-17	28.04.2017 & PKR 29.06.2017	11,051,050	54,667	24,625,784	07.06.2017 & 08.06.2017 & PKR Remuneration 27.07.2017 & PKR Reimbursable 06.09.2017	8,685,804	43,511	18,200,721
44		Topographical Survey & Geological Investigations & Tax on Reimbursable Assignment-A	03.05.2017			13,642,099				

45	032	Mar-17	11.05.2017 & PKR 19.07.2017	15,970,258	51,375	25,592,856	07.06.2017 & 08.06.2017 & PKR Remuneration 06.09.2017 & PKR Reimbursable 28.11.2017	12,524,914	41,337	18,351,490
46	033	Apr-17	01.06.2017 & PKR 23.08.2017	12,781,338	26,299	26,070,330	JPY 17.08.2017 & EURO 28.08.2017 & PKR Remuneration 19.10.2017 & PKR Reimbursable 21.12.2017	10,404,229	21,503	18,834,526
47	034	May-17	EURO 23.06.2017 & JPY 29.06.2017 & PKR Remuneration 14.09.2017 & PKR Reimbursable 18.09.2017	39,936,930	55,715	27,133,610	Remuneration JPY 17.08.2017 & EURO 28.08.2017 & Remuneration PKR 14.11.2017 & Reimbursable PKR 28.11.2017 & Reimbursable JPY 19.01.2018 & EURO Reimbursable 29.01.2018	32,079,999	44,725	18,701,410
48	035	Jun-17	11.08.2017 & PKR 09.10.2017	18,594,227	48,854	28,277,373	PKR Remuneration 21.12.2017 & PKR Reimbursable 24.01.2018 & JPY & EURO 07.03.2018	14,869,448	39,543	17,561,796
49	036	Jul-17	13.09.2017 & PKR 06.11.2017	18,438,264	37,553	25,611,161	PKR Remuneration 21.12.2017 & Remuneration JPY 19.01.2018 & PKR Reimbursable 24.01.2018 & EURO Remuneration 29.01.2018 & JPY & EURO Reimbursable 07.03.2018	13,544,246	30,480	15,695,688
50	037	Aug-17	05.10.2017 & PKR Remuneration 06.12.2017 & PKR Reimbursable 07.12.2017	22,283,721	39,071	26,800,350	Remuneration JPY 19.01.2018 & PKR Remuneration 24.01.2018 & EURO Remuneration 29.01.2018 & JPY & EURO Reimbursable 07.03.2018 & PKR Reimbursable 07.03.2018	13,524,337	31,475	13,785,805
51	038	Sep-17	30.11.2017 & PKR 11.12.2017	25,275,450	55,319	36,272,828	PKR Remuneration 24.01.2018 & JPY Remuneration 02.02.2018 & EURO Remuneration 06.02.2018 & JPY & EURO Reimbursable 07.03.2018 & PKR Reimbursable 07.03.2018	16,737,519	39,192	29,029,316
52	039	Oct-17	18.12.2017 & PKR Remuneration 12.01.2018 & PKR Reimbursable 26.01.2018	30,965,060	48,541	24,755,246	JPY & EURO 07.03.2018 & PKR 07.03.2018	21,993,304	22,394	15,289,782
53	040	Nov-17	28.12.2017 & PKR Remuneration 02.02.2018 & Reimbursable 07.02.2018	24,890,298	41,738	24,452,117	JPY & EURO 07.03.2018 & PKR 27.03.2018	17,614,630	21,997	15,454,332
54	041	Dec-17	26.01.2018 & PKR Remuneration 06.03.2018 & Reimbursable 30.03.2018	26,066,347	76,887	40,807,244	JPY & EURO 07.03.2018 & PKR 25.05.2018	16,523,377	39,755	32,281,427
55	042	Jan-18	23.02.2018 & PKR Remuneration 13.03.2018 & Reimbursable 23.04.2018	24,236,376	63,218	58,859,377	JPY 26.03.2018 & EURO 27.03.2018 & PKR Remuneration 25.05.2018 & PKR Reimbursable 21.06.2018	14,993,551	35,810	17,564,044
56	043	Feb-18	30.03.2018 & PKR Remuneration 19.04.2018 & Reimbursable 21.05.2018	28,152,289	54,667	28,490,928	JPY 23.05.2018 & EURO 24.05.2018 & PKR Remuneration 21.06.2018 & PKR Reimbursable 18.07.2018	19,670,980	43,511	17,650,847
57	044	Mar-18	PKR Remuneration 25.04.2018 & JPY & EURO 30.04.2018 & PKR Reimbursable 30.05.2018	36,295,537	52,761	29,253,565	JPY 19.06.2018 & EURO 20.06.2018 & PKR Remuneration 21.06.2018 & PKR Reimbursable 13.08.2018	25,775,591	42,328	16,065,238
58	045	Apr-18	PKR Remuneration 01.06.2018 & JPY & EURO 14.06.2018 & PKR Reimbursable 16.07.2018	32,505,357	52,709	35,840,584	PKR Remuneration 18.07.2018 & JPY 30.07.2018 & EURO 31.07.2018 & PKR Reimbursable 10.09.2018	21,316,744	42,276	21,301,930
59	025S to 029S	From Aug 2016 to Dec 2016 Supplementary	PKR Reimbursable 22.06.2018			1,275,354	PKR Reimbursable 15.11.2018			1,151,599
60	030S to 035S	From Jan 2017 to Jun 2017 Supplementary	PKR Reimbursable 22.06.2018			22,576,668	PKR Reimbursable 20.02.2019			20,675,144
61	036S to 041S	From Jul 2017 to Dec 2017 Supplementary	PKR Reimbursable 22.06.2018			11,466,211	PKR Reimbursable 20.02.2019			11,043,683
62	046	May-18	PKR Remuneration 25.06.2018 & JPY & EURO 06.07.2018 & PKR Reimbursable 27.07.2018	32,008,847	46,592	30,724,047	PKR Remuneration & Reimbursable 10.09.2018 & JPY 13.09.2018 & EURO 14.09.2018	21,610,245	37,674	12,938,115
63	047	Jun-18	JPY & EURO 06.08.2018 & PKR Remuneration 07.08.2018 & PKR Reimbursable 31.08.2018	35,266,862	55,283	28,514,236	JPY & EURO 26.09.2018 & PKR Remuneration & Reimbursable 16.10.2018	25,217,683	44,127	10,704,248
64	048	Jul-18	PKR Remuneration 30.08.2018 & JPY & EURO 05.09.2018 & PKR Reimbursable 09.10.2018	32,147,418	45,864	31,146,584	PKR Remuneration 16.10.2018 & PKR Reimbursable 11.12.2018 & JPY & EURO 17.12.2018	21,964,368	37,099	10,408,872
65	049	Aug-18	JPY & EURO 25.09.2018 & PKR Remuneration 11.10.2018 & PKR Reimbursable 07.11.2018	25,432,383	39,014	29,369,478	PKR Remuneration 15.11.2018 & JPY & EURO 17.12.2018 & PKR Reimbursable 18.01.2019	17,212,308	31,374	11,224,532
66	050	Sep-18	JPY & EURO 08.11.2018 & PKR Remuneration 08.11.2018 & PKR Reimbursable 11.12.2018	39,850,521	53,658	28,933,129	PKR Remuneration 11.12.2018 & JPY & EURO 17.01.2019 & PKR Reimbursable 18.01.2019	30,044,462	43,062	10,047,290
67	025S to 031S	From Oct 2016 to Apr 2017 Supplementary	PKR Remuneration 14.11.2018 & JPY 13.12.2018 & JPY resubmitted on 24.04.2019	1,116,215		8,259,285	PKR Remuneration 11.04.2019 & JPY 17.07.2019	802,442		6,175,779
68	034S to 041S	From May 2017 to Dec 2017 Supplementary	PKR Remuneration 14.11.2018 & JPY & EURO 13.12.2018 & JPY & EURO resubmitted on 25.04.2019	22,029,176	68,384	23,991,175	PKR Remuneration 11.12.2018 & JPY & EURO 17.07.2019	17,327,640	55,071	18,445,696
69	040S to 048S	From Nov 2017 to Jul 2018 Supplementary	PKR Remuneration & Reimbursable 20.11.2018 & JPY & EURO 13.12.2018 & PKR resubmitted on 28.03.2019. JPY & EURO resubmitted on 07.05.2019.	25,644,843	18,643	104,355,765	PKR Reimbursable 29.05.2019 & PKR Remuneration 02.07.2019 & JPY & EURO 17.07.2019	19,999,819	15,119	84,652,061
70	Arrears of Escalation	From Oct 2017 to May 2018	PKR Remuneration 23.11.2018			4,035,216	PKR Arrears of Escalation 11.04.2019			1,271,759
71	051	Oct-18	JPY & EURO 04.12.2018 & PKR Remuneration 19.12.2018 & Reimbursable 31.01.2019	40,454,707	75,582	31,586,089	JPY & EURO 17.01.2019 & PKR Remuneration 20.02.2019 & PKR Reimbursable 14.03.2019	28,889,800	61,067	10,333,221
72	052	Nov-18	JPY & EURO 01.01.2019 & PKR Remuneration 02.01.2019 & Reimbursable 08.02.2019	41,317,140	85,200	29,612,815	PKR Remuneration 20.02.2019 & JPY 28.02.2019 & EURO 01.03.2019 & PKR Reimbursable 14.03.2019	29,887,757	49,817	9,027,308
73	Arrears of Escalation	Oct-18	PKR Remuneration 11.01.2019			739,718	PKR Arrears of Escalation 14.05.2019			154,889
74	053	Dec-18	PKR Remuneration 15.01.2019 JPY & EURO 11.02.2019 & PKR Reimbursable 26.03.2019	31,942,910	101,849	32,553,105	JPY 26.03.2019 & EURO 27.03.2019 & PKR Remuneration 11.04.2019 & PKR Reimbursable 14.05.2019	22,385,178	59,806	20,237,682
75	054	Jan-19	PKR Remuneration 19.02.2019 JPY & EURO 26.02.2019 & PKR Reimbursable 10.05.2019	21,550,814	85,536	34,254,443	PKR Remuneration 14.03.2019 & JPY 26.03.2019 & EURO 27.03.2019 & PKR Reimbursable 25.07.2019.	17,201,786	53,092	21,134,328

76	055	Feb-19	PKR Remuneration 04.04.2019 & JPY & EURO 09.04.2019 & PKR Reimbursable 22.05.2019	33,275,362	109,185	30,115,175	JPY 10.05.2019 & EURO 13.05.2019 & PKR Remuneration 14.05.2019 & PKR Reimbursable 25.07.2019.	26,050,980	86,872	26,465,134
77	049S to 052S & 054S	From Aug 2018 to Nov 2018 & Jan 2019 Supplementary	PKR Remuneration 11.04.2019 PKR & Reimbursable 15.04.2019 & JPY & EURO 29.05.2019.	22,845,819	50,546	95,850,188	PKR Remuneration 29.05.2019 & JPY & EURO 17.07.2019 & PKR Reimbursable 05.08.2019	18,077,618	40,589	82,621,973
78	056	Mar-19	PKR Remuneration 30.04.2019 & JPY & EURO 15.05.2019 & PKR Reimbursable 27.06.2019	28,469,007	110,927	32,011,879	PKR Remuneration 02.07.2019 & JPY & EURO 17.07.2019 & PKR Reimbursable 05.08.2019	21,481,129	88,781	28,304,851
79	057	Apr-19	PKR Remuneration 24.05.2019 & JPY & EURO 17.06.2019 & PKR Reimbursable 12.07.2019	32,083,700	100,912	45,226,298	JPY & EURO 19.07.2019 & PKR Remuneration 05.08.2019 & PKR Reimbursable 18.09.2019	25,621,145	80,992	35,201,624
80	058	May-19	PKR Remuneration 29.06.2019 & JPY & EURO 09.07.2019 & PKR Reimbursable 19.07.2019	48,913,348	104,280	40,084,902	PKR Remuneration 05.08.2019 & JPY & EURO 07.08.2019 & PKR Reimbursable 31.10.2019	38,792,523	84,037	36,049,192
81	059	Jun-19	PKR Remuneration 26.07.2019 & PKR Reimbursable 05.08.2019 & JPY & EURO 11.09.2019	41,230,758	107,592	35,881,227	PKR Remuneration 18.09.2019 & PKR Reimbursable 31.10.2019 & JPY & EURO 21.11.2019	31,909,521	76,287	31,366,838
82	Arrears of Escalation	Oct-2018 Supplementary	PKR Remuneration 19.08.2019			538,449	PKR Remuneration 31.10.2019			414,169
83	060	Jul-19	PKR Remuneration 06.09.2019 & JPY & EURO 17.09.2019 & PKR Reimbursable 25.09.2019	41,502,491	140,944	50,840,724	PKR Remuneration 31.10.2019 & JPY & EURO 21.11.2019 & PKR Reimbursable 03.12.2019	31,563,206	90,943	43,128,562
84	053S	Dec-2018 Supplementary	PKR Remuneration 30.09.2019			11,476,907	PKR Remuneration 03.12.2019			8,799,116
85	061	Aug-19	PKR Remuneration 30.09.2019 & JPY & EURO 23.10.2019 & PKR Reimbursable 26.10.2019	37,231,310	89,562	42,727,013	PKR Remuneration 03.12.2019 & JPY & EURO Remuneration 09.01.2020 & PKR Reimbursable 07.02.2020 & JPY & EURO Reimbursable 28.02.2020	29,041,127	73,021	35,430,131
86	062	Sep-19	PKR Remuneration 13.11.2019 & JPY & EURO 21.11.2019 & PKR Reimbursable 29.11.2019	38,733,736	129,812	43,387,882	PKR Remuneration 14.02.2020 & JPY & EURO 28.02.2020 & PKR Reimbursable 01.04.2020	30,883,076	103,716	34,600,721
87	063	Oct-19	PKR Remuneration 29.11.2019 & JPY & EURO 03.12.2019 & PKR Reimbursable 31.12.2019	31,086,208	135,856	50,181,714	PKR Remuneration 24.02.2020 & JPY & EURO 28.02.2020 & PKR Reimbursable 01.04.2020	24,793,910	108,677	41,393,909
88	054S to 060S	From Jan 2019 to Jul 2019 Supplementary	JPY & EURO 09.12.2019	5,092,138	60,974		Reimbursable JPY 28.04.2020 & Reimbursable EURO 30.04.2020 & JPY & EURO Remuneration 15.05.2020	3,353,531	49,458	
89	064	Nov-19	PKR Remuneration 20.12.2019 & JPY & EURO 07.01.2020 & PKR Reimbursable 10.01.2020	45,807,870	115,222	43,571,960	JPY & EURO 28.02.2020 & PKR Remuneration 18.03.2020 & PKR Reimbursable 04.05.2020	36,488,385	94,006	34,852,280
90	065	Dec-19	PKR Remuneration 23.01.2020 & JPY & EURO 29.01.2020 & PKR Reimbursable 10.03.2020	40,957,503	141,050	58,976,694	JPY & EURO 11.03.2020 & PKR Remuneration 08.04.2020 & PKR Reimbursable 10.06.2020	32,462,083	113,144	50,261,213
91	Arrears of Escalation	From Oct 2019 to Nov 2019	PKR Remuneration 31.01.2020			5,266,917	PKR Arrears of Escalation 14.04.2020			4,044,354
92	066	Jan-20	PKR Remuneration 24.02.2020 & JPY & EURO 09.03.2020 & PKR Reimbursable 27.04.2020	35,922,505	146,378	52,379,808	PKR Remuneration 02.04.2020 & JPY & EURO 15.05.2020 & PKR Reimbursable 06.07.2020	28,616,260	117,384	46,172,804
93	067	Feb-20	PKR Remuneration 18.03.2020 & JPY & EURO 07.04.2020 & PKR Reimbursable 09.06.2020	38,743,766	158,284	50,877,843	PKR Remuneration 04.05.2020 & JPY & EURO 25.06.2020 & PKR Reimbursable 03.08.2020	28,986,611	126,019	44,233,452
94	068	Mar-20	PKR Remuneration 28.04.2020 & JPY & EURO 05.05.2020 & PKR Reimbursable 15.07.2020	45,523,859	160,795	56,498,786	JPY & EURO 02.07.2020 & PKR Remuneration 03.08.2020 & PKR Reimbursable 02.11.2020	33,489,540	123,560	49,674,390
95	069	Apr-20	PKR Remuneration 22.06.2020 & JPY & EURO 07.07.2020 & PKR Reimbursable 25.08.2020	36,087,897	165,010	52,033,891	PKR Remuneration 03.08.2020 JPY 07.08.2020 & EURO 10.08.2020 & PKR Reimbursable 02.11.2020	26,950,173	131,521	45,136,180
96	070	May-20	PKR Remuneration 23.06.2020 & JPY & EURO 08.07.2020 & PKR Reimbursable 10.09.2020	29,407,988	165,664	51,755,642	PKR Remuneration 17.09.2020 & JPY 28.09.2020 & EURO 25.09.2020 & PKR Reimbursable 28.10.2020	21,116,812	89,725	43,199,160
97	071	Jun-20	PKR Remuneration 19.08.2020 & JPY & EURO 21.08.2020 & PKR Reimbursable 29.09.2020 resubmitted on 15.12.2020	32,122,120	165,190	49,538,690	PKR Remuneration 02.11.2020 & JPY & EURO 02.12.2020 & PKR Reimbursable 20.01.2021	25,263,288	131,721	40,122,417
98	072	Jul-20	PKR Remuneration 31.08.2020 & JPY & EURO 08.09.2020 & PKR Reimbursable 23.10.2020 resubmitted on 15.12.2020	32,771,320	103,073	56,796,363	PKR Remuneration 02.11.2020 & JPY & EURO 17.12.2020 & PKR Reimbursable 24.02.2021	25,931,960	84,063	44,997,291
99	073	Aug-20	PKR Remuneration 25.09.2020 & JPY & EURO 30.09.2020 & PKR Reimbursable 31.12.2020	34,054,161	121,793	55,615,127	PKR Remuneration 28.10.2020 & JPY & EURO 17.12.2020 & PKR Reimbursable 08.03.2021	26,896,979	98,976	46,537,554
100	074	Sep-20	PKR Remuneration 19.10.2020 & JPY & EURO 21.10.2020 & PKR Reimbursable 08.02.2021 resubmitted on 25.03.2021	38,528,252	165,010	56,635,346	JPY & EURO 17.12.2020 & PKR Remuneration 21.12.2020 & PKR Reimbursable 03.05.2021	30,758,356	131,541	49,292,375
101	061S to 070S	From Aug 2019 to May 2020 Supplementary	JPY & EURO 28.10.2020	11,647,508	59,527		JPY 19.02.2021 & EURO 17.02.2021	9,190,079	48,749	
102	075	Oct-20	PKR Remuneration 13.11.2020 & JPY 27.11.2020 & EURO 19.11.2020 & PKR Reimbursable 19.03.2021	45,952,237	160,742	53,295,719	PKR Remuneration 07.01.2021 & JPY & EURO 12.01.2021 & PKR Reimbursable 20.05.2021	34,606,197	128,533	46,509,885
103	076	Nov-20	PKR Remuneration 21.12.2020 & JPY & EURO 28.12.2020 & PKR Reimbursable 13.04.2021	55,457,397	117,756	59,839,602	PKR Remuneration 20.01.2021 & JPY 26.04.2021 & EURO 24.05.2021 & PKR Reimbursable 31.05.2021	40,049,051	97,432	53,069,623
104	01S to 05S & 08S	From Aug 2014 to Dec 2014 & Mar 2015 177-M Supplementary	PKR Reimbursable 04.01.2021			1,735,825				
105	077	Dec-20	PKR Remuneration 20.01.2021 & JPY & EURO 04.02.2021 & PKR Reimbursable 15.04.2021	53,686,285	134,364	61,213,773	PKR Remuneration 24.02.2021 & JPY 26.04.2021 & EURO 24.05.2021 & PKR Reimbursable 30.06.2021	38,693,932	109,080	53,872,497
106	Arrears of Escalation	From Oct 2020 to Nov 2020	PKR Remuneration 08.02.2021			4,367,028	PKR Arrears of Escalation 29.03.2021			3,357,254
107	059S to 065S	From Jun 2019 to Dec 2019 Supplementary	PKR Remuneration 26.02.2021			13,201,527	PKR Remuneration 26.04.2021			10,306,734
108	066S to 074S	From Jan 2020 to Sep 2020 Supplementary	PKR Remuneration 02.03.2021			12,219,301	PKR Remuneration 26.04.2021			9,533,351
109	I.Tax-REIMB-001	From Aug 2014 to Jul 2016	PKR Reimbursable 06.04.2021			7,677,758				
110	078	Jan-21	PKR Remuneration 26.07.2021 & JPY & EURO 27.07.2021 & PKR Reimbursable 27.07.2021	48,993,921	156,846	61,580,382	PKR Remuneration 12.08.2021 & PKR Reimbursable 10.09.2021 & JPY & EURO 13.09.2021	39,022,205	126,910	53,961,613
111	079	Feb-21	PKR Remuneration 28.07.2021 & PKR Reimbursable 28.07.2021 & JPY & EURO 02.08.2021	39,842,807	156,803	61,119,247	PKR Remuneration 10.09.2021 & PKR Reimbursable 24.09.2021 & JPY & EURO 08.10.2021	31,550,549	126,898	53,919,977
112	080	Mar-21	PKR Remuneration 02.08.2021 & JPY & EURO 02.08.2021 & PKR Reimbursable 02.08.2021	46,933,791	117,735	60,828,467	PKR Remuneration 24.09.2021 & JPY & EURO 08.10.2021 & PKR Reimbursable 15.10.2021	37,273,926	94,772	53,809,689

113	081	Apr-21	PKR Remuneration 02.08.2021 & JPY & EURO 03.08.2021 & PKR Reimbursable 02.08.2021	50,360,981	135,755	61,848,229	JPY & EURO 08.10.2021 & PKR Remuneration 15.10.2021 & PKR Reimbursable 02.11.2021	40,499,764	109,590	54,878,121
114	082	May-21	PKR Remuneration 06.08.2021 & JPY & EURO 06.08.2021 & PKR Reimbursable 06.08.2021	38,398,709	117,955	66,602,680	JPY & EURO 29.10.2021 & PKR Remuneration 02.11.2021 & PKR Reimbursable 26.11.2021	30,708,564	95,753	59,499,966
115	083	Jun-21	PKR Remuneration 09.08.2021 & JPY & EURO 10.08.2021 & PKR Reimbursable 07.09.2021	41,331,568	125,545	73,154,118	JPY & EURO 29.10.2021 & PKR Remuneration 02.11.2021 & PKR Reimbursable 31.12.2021	31,899,578	103,265	66,199,405
116	084	Jul-21	JPY & EURO 02.09.2021 & PKR Remuneration 07.09.2021 & PKR Reimbursable 27.09.2021	37,031,624	174,114	62,486,066	JPY & EURO 29.10.2021 & PKR Remuneration 26.11.2021 & PKR Reimbursable 11.01.2022	29,628,387	141,530	55,495,681
117	085	Aug-21	PKR Remuneration 22.09.2021 & PKR Reimbursable 22.10.2021 & JPY & EURO 25.10.2021	43,337,513	162,190	65,776,983	PKR Remuneration 26.11.2021 & JPY & EURO 09.12.2021 & PKR Reimbursable 07.02.2022	35,807,673	144,520	58,797,008
118	086	Sep-21	PKR Remuneration 29.10.2021 & JPY & EURO 03.11.2021 & PKR Reimbursable 24.12.2021	32,714,524	181,228	68,477,340	JPY & EURO 15.12.2021 & PKR Remuneration 31.12.2021 & PKR Reimbursable 03.03.2022	27,949,152	161,641	65,011,885
119	DHC-DD-001	Double Deduction of Audit Recovery	PKR 18.11.2021			471,604				
120	072S to 077S	From July 2020 to Dec 2020 Supplementary	JPY 29.11.2021	13,829,217			JPY 15.02.2022	11,645,309		
121	078S to 084S	From Jan 2021 to July 2021 Supplementary	JPY & EURO 02.12.2021	1,767,800	3,475		EURO 14.02.2022 JPY 15.02.2022	1,255,200	2,782	
122	087	Oct-21	PKR Remuneration 02.12.2021 & JPY & EURO 08.12.2021 & PKR Reimbursable 03.01.2022	41,115,860	197,498	66,395,695	PKR Remuneration 11.01.2022 & JPY & EURO 19.01.2022 & PKR Reimbursable 24.03.2022	32,512,800	174,017	62,947,262
123	088	Nov-21	PKR Remuneration 31.12.2021 & JPY & EURO 05.01.2022 & PKR Reimbursable 18.01.2022	59,389,109	203,784	62,723,287	PKR Remuneration 07.02.2022 & EURO 14.02.2022 & JPY 15.02.2022 & PKR Reimbursable 08.04.2022	47,145,767	183,360	58,989,159
124	089	Dec-21	PKR Remuneration 25.01.2022 & JPY & EURO 11.02.2022 & PKR Reimbursable 14.03.2022	56,775,167	180,336	68,206,392	PKR Remuneration 03.03.2022 & JPY & EURO 14.04.2022 & PKR Reimbursable 23.04.2022	47,869,445	140,687	63,350,345
125	Arrears of Escalation	From Aug 2014 to Sep 2021	JPY & EURO 18.02.2022	86,181,370	366,028		JPY 10.05.2022 & EURO 09.05.2022	74,889,089	322,244	
126	090	Jan-22	PKR Remuneration 02.03.2022 & JPY & EURO 04.03.2022 & PKR Reimbursable 29.03.2022	47,988,271	231,246	78,338,629	PKR Remuneration 24.03.2022 & JPY & EURO 09.05.2022 & PKR Reimbursable 10.06.2022	35,849,929	183,999	74,119,379
127	091	Feb-22	PKR Remuneration 18.03.2022 & JPY & EURO 04.04.2022 & PKR Reimbursable 28.04.2022	49,351,025	238,651	72,344,440	PKR Remuneration 23.04.2022 & JPY & EURO 01.06.2022 & PKR Reimbursable 28.07.2022	39,917,960	201,572	65,529,896
128	Arrears of Escalation	From Oct 2021 to Dec 2021	PKR Remuneration 30.03.2022			7,068,517	PKR Arrears of Escalation 26.05.2022			6,160,113
129	092	Mar-22	PKR Remuneration 25.04.2022 & JPY & EURO 28.04.2022 & PKR Reimbursable 09.06.2022	49,365,007	249,212	101,124,224	PKR Remuneration 10.06.2022 & JPY & EURO 17.06.2022 & PKR Reimbursable 04.08.2022	38,333,736	198,362	95,017,406
130	093	Apr-22	PKR Remuneration 27.05.2022 & JPY & EURO 31.05.2022 & PKR Reimbursable 28.06.2022	50,667,037	244,679	75,218,195	PKR Remuneration 30.06.2022 & JPY & EURO 13.07.2022 & PKR Reimbursable 05.09.2022	41,394,136	220,243	69,577,673
131	094	May-22	PKR Remuneration 20.06.2022 & JPY & EURO 29.06.2022 & PKR Reimbursable 24.08.2022	49,101,375	205,176	72,623,685	PKR Remuneration 04.08.2022 & JPY & EURO 12.08.2022	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	PKR Remuneration 05.09.2022 & JPY & EURO 16.09.2022	29,026,310	199,046	30,127,352
133	Supplementary Invoice	Supplementary March 2022 Inv # 092	PKR Reimbursable 25.08.2022			422,415				
134	096	Jul-22	PKR Remuneration 26.08.2022 & JPY & EURO 06.09.2022	53,835,283	200,534	35,580,288	PKR Remuneration 20.09.2022			29,659,115
135	097	Aug-22	PKR Remuneration 22.09.2022 & JPY & EURO 29.09.2022	48,628,029	181,652	37,553,547				
136										
Total				3,411,628,731	10,254,964	4,805,971,096		2,411,191,972	7,641,538	3,402,090,117

NOTE:

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

5.2 Detail of Land Acquisition & Compensation Payment Status to DC

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

Table 5.1: Tentative Cost of Land Acquired

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

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

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

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

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

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358	03/11/2020	Siglo-2(file-4)	2020-21	320,490
359	03/11/2020	Barseen Dumping & Reservoir Area-II	2020-21	228,040
360	03/11/2020	Pani Bah Reservoir	2020-21	122,280
361	19/11/2020	Gober Nullah to Shukrait Reservoir area	2020-21	213,574,025
362	19/11/2020	Gumoonend point to Uthor Nullah Reservoir area	2020-21	82,125,209
363	19/11/2020	Natbail To Salich bridge kandia reservoir area	2020-21	315,329,500
364	19/11/2020	Lachi Nala reservoir area-1 (File-4)	2020-21	18,837,988
365	19/11/2020	Uchar Crushing plant	2020-21	10,733
366	19/11/2020	Sigloo Blasting area	2020-21	829,518
367	19/11/2020	Uchar Logro reservoir area file-2	2020-21	25,395,628
368	19/11/2020	Uchar Logro reservoir area file-1	2020-21	12,573,766
369	19/11/2020	Addl 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	Barseen 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	Addl. 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	Baily Bridge Gumoon Left Side Reservoir Area	2020-21	2,593,759
451	07/01/2021	Siglo Blasting Area	2020-21	27,550,211
452	07/01/2021	RAR-1 Addl. Land Zaal	2020-21	507,539
453	07/01/2021	Siglo-III File-2	2020-21	6,173,311
454	07/01/2021	Lachi Nalla File-4	2020-21	30,260
455	07/01/2021	Siglo-III File-1	2020-21	220,750
456	07/01/2021	Jhalinallah to Kumanallah	2020-21	20,130
457	07/01/2021	Baily Bridge Barseen/Komah (Site-1)	2020-21	366,546,865
458	07/01/2021	KKH-02, End Point to Sazeen Das Limit Reservoir Area)	2020-21	161,498,328
459	07/01/2021	Summar Nallah to Sazin Limit Area	2020-21	693,611
460	07/01/2021	Shuri Nallah to Summar Nallah Area	2020-21	408,909
461	07/01/2021	Komila Bypass File-2	2020-21	118,446
462	19/01/2021	Pani Bah Reservoir area-I	2020-21	22,120,646
463	19/01/2021	Sazeen Das Limit to Sazeen Nallah Reservoir area (P-1)	2020-21	15,096,150
464	19/01/2021	Siglo-I File-1	2020-21	13,979,730
465	19/01/2021	Barseen Dumping reservoir area-2	2020-21	13,194,453
466	19/01/2021	Tailrace Addl. area Kuz Chuchang	2020-21	9,074,538
467	19/01/2021	Pani Bah Reservoir area-II	2020-21	8,189,040
468	19/01/2021	Lachi Nallah Left of Reservoir Area-File-4	2020-21	2,605,490
469	19/01/2021	Sazeen Das Limit to Sazeen Nallah PT-2 (LoR)	2020-21	1,556,128
470	19/01/2021	Komila Bypass File-1	2020-21	456,766
471	19/01/2021	Sazeen Das Limit to Sazeen Nallah PT-3 (LoR)	2020-21	219,379
472	19/01/2021	Sazeen Das File-2 Reservoir area	2020-21	32,747
473	28/01/2021	Lachi Nala left of Reservoir Area File-1	2020-21	6,661,510
474	28/01/2021	Sigloo-3 File-2	2020-21	2,619,820
475	28/01/2021	Lachi nullah left of Reservoir Area File-3	2020-21	2,009,090
476	28/01/2021	Baily Bridge Barseen / Kuma Site-2	2020-21	1,965,890
477	28/01/2021	Lachi nullah left of Reservoir Area File-2	2020-21	486,490
478	28/01/2021	Sazeen Das Reservoir area File-1	2020-21	405,990
479	28/01/2021	Siglo-3 File-2	2020-21	114,988,616
480	28/01/2021	Gobar Nalla to Shukrait Nalla	2020-21	5,582,395
481	28/01/2021	Shukrait Nalla to Shuri Nalla	2020-21	5,136,785
482	28/01/2021	Siglo-1 File-1	2020-21	3,953,242
483	28/01/2021	Lachi Nallah File-1	2020-21	579,000
484	28/01/2021	Summar End Point to Lachi Nala Limit	2020-21	413,797
485	28/01/2021	Saznin Das File-1	2020-21	159,464
486	28/01/2021	RAR-01 Additional Land (Zaal)	2020-21	13,630
487	28/01/2021	Komila Bypass File-2	2020-21	274,650
488	28/01/2021	Komila Bypass File-1	2020-21	252,310
489	28/01/2021	Sigloo-2 File-2	2020-21	7,880,638
490	28/01/2021	Sigloo-2 File-4	2020-21	2,007,222
491	28/01/2021	Dam site Siglo-2 (File-4)	2020-21	79,359,651
492	28/01/2021	Uchar/Logro Reservoir area File-2	2020-21	45,115,260
493	28/01/2021	Dam site Siglo-2 (File-3)	2020-21	44,840,531
494	28/01/2021	Dam site Siglo-2 (File-2)	2020-21	30,412,764
495	11/02/2021	Barseen Baily Bridge Right Side (File-II)	2020-21	8,121,145
496	11/02/2021	Siglo-2 File-2	2020-21	3,906,508
497	11/02/2021	Sazin Limit to Sazin Nala PT-01	2020-21	1,926,201
498	11/02/2021	Barseen Baily Bridge Right Side (File-III)	2020-21	1,074,343
499	11/02/2021	Kaigah Quarry Area-II	2020-21	55,574,343
500	11/02/2021	Siglo-2 File-1	2020-21	54,605,040
501	11/02/2021	Baily Bridge Barseen /Koma Site-01	2020-21	14,764,410
502	11/02/2021	Gobar Nallah to Shukrait Nallah	2020-21	14,737,030
503	11/02/2021	Dam Site Siglo-2 File-1 (Additional Funds)	2020-21	640,769
504	22/02/2021	Siglo-3 File-1	2020-21	63,143,402
505	22/02/2021	Siglo-1 File-2	2020-21	24,788,900

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

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

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

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	4	13	0	0	0	0	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	44	4	50	0	1	0	1	51
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	7	1	11	0	0	0	0	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	95	24	132	0	1	0	1	133

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	18	24	0	0	0	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	56	88	0	0	0	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
9 th Sep 2022	LBTT	MW-01	A worker was installing additional steel welded wire-mesh to cover the gap on the work at height platform. The welded wire-mesh was not secured and as a result, when the worker stepped on it, the wire-mesh shifted and the worker lost his balance and fell down. The IP was struck on the platform below the working platform he was working and got a cut on his head.	LTI	RCA submitted vide CGGC/MW-01/HSED/DHC-2496 dated 25th Sep 2022	Open in ICAP register

6.1.2 Key Performance Indicators – During Reporting Month

Table 6.1: Key Performance Indicators during Reporting Month

Metrics	PMU	DHC	RAR-01	KKH-01	TL-01	MW-01	MW-02	PCI-01	LBRV 11/12	RAR-02	KKH-02	EM-01	DHPP Total	Target
Number of Staff/Workers	309	443 ¹	109	276	38	822	823	116	70	126	88	0	3220	
Recordable Injuries & Illness (RI)						1							1	
Incidence Rate (TRIR, monthly) *						0.1							0.03	
TRIR (Year-to-date)														1.25 ¹
Fatality Case													0	
Fatality Frequency Rate (FFR)													0	
Lost time injuries (LTI)						1							1	
LTI Frequency Rate (LTIFR monthly) **						0.1							0.03	1.0 ²
First-Aid Cases (FAC)								2			1 ²		3	
FAC frequency rate (FACFR, monthly)								1.43			0.1		0.08	
Medical Treatment Cases (MTC)														
MTC frequency rate (MTCFR, monthly)														
Near-miss Incidence (NMI, monthly)						7	4	4	4	4	4	4	31	
NMI Investigated & corrective actions taken						7	4	3	3	3	3	3	26	
% NMI closed						100	100	75	75	75	75	75	84	100% ³
COVID19 cases			0	0		0	0	0					0	
COVID-19 per 100 workforces (CFR)			0	0		0	0	0					0	
No of OHS AFI attended by DHC			1	11		7	13	1					33	
No. of AFI approved			0	9		7	12	1					29	
No. of OHS EI issued by DHC			4	4	4	5	4	4					25	
NO of EI Closed			3	3	3	3	3	3					18	
% of OHS EI closed			75	75	75	60	75	75					72	
No. of OHS Training		4	3	13	3	66	75	3		7		2	176	
Training (No. Attendees)		56	48	59	35	1019	1177	71		55		19	2539	
No. of OHS NCR issued			0	0		1	0	1		1			3	
No. of OHS NCR closed			0	0		1	0	1					2	
% of NCR Closed			0	0		100	0	100					67	
No. of Toolbox Talks (TBT) by Contractors			22	17	20	480	480	16		13			1048	
TBT Participants of Contractors			307	88	210	14400	14400	314		70			29789	
No of OHS walk-through-Inspections by														
Contractor Management/ Senior Staffs			1	6	3	5	5	2		3			25	
DHC Management/ Senior Staffs			0	3	0	2	2	0		0	2		9	
DHC Supervisors			1	5	1	24	22	4	2	6	3	0	68	
Contractor Supervisors			1	45	3	30	30	9		9			127	
Unsafe Acts identified by DHC			0	2	0	34	6	9	4	5	3		63	
Unsafe Conditions identified by DHC			2	20	8	59	44	23	3	9	6		174	
No of Joint Inspections Conducted			0	4	0	2	2	0	0	0			8	

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 = $\frac{\text{Recordable Incidences}}{\text{Total man hours worked per month}} * 16,000$

***Please Note:**

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

6.2 Safety Performance

In September 2022, 1 LTI, and 3 first aid cases were recorded.

6.2.1 Injuries and Illness Performance

One recordable injury and three first aid cases were reported. Out of which, one LTIs was reported by MW-01 and two first aid cases were reported by PCI-01R. As a consequence, monthly TRIR, LTIFR & FACFR of DHPP for September 2022 are estimated as 0.03, 0.03 and 0.08.

6.2.2 Unsafe Condition, Unsafe Act and Near-Miss

64 unsafe acts, 199 unsafe conditions and 1 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.

Below table presents contract wise unsafe acts, conditions and near misses during the reporting month.

¹ DHC regular employees=353, employees with daily wages=90, Total=433

² A Chinese was slipped during walking at site & sustained bruises on back, however incident was not reported by KKH-02

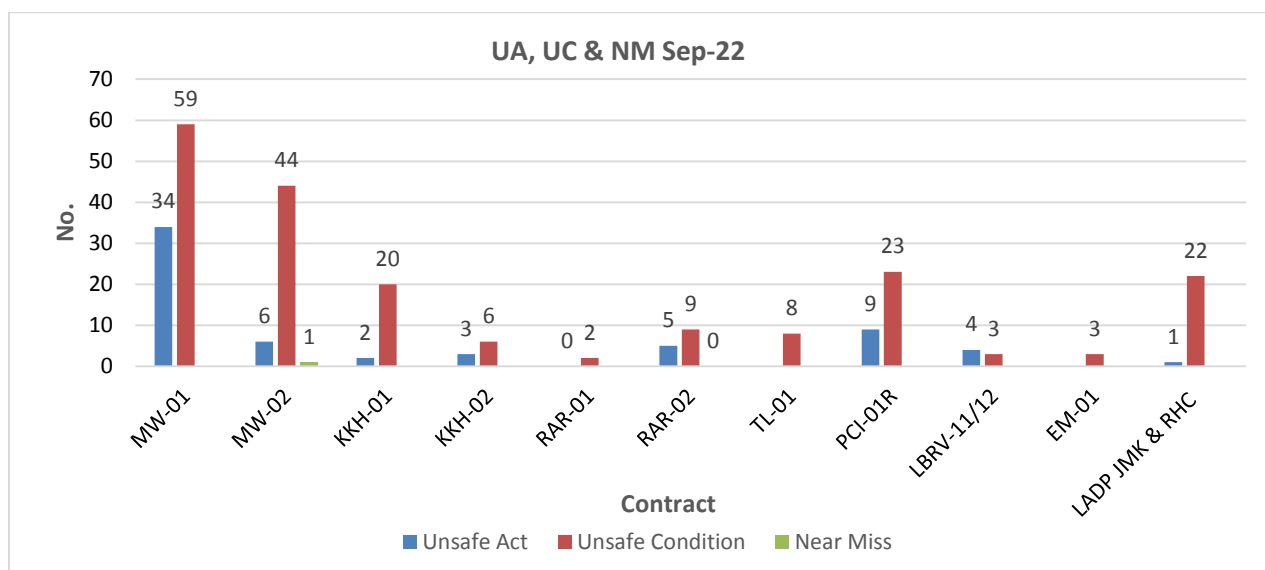


Figure: Contract-wise unsafe acts and conditions

6.2.3 Monthly OHS Progress Review Meeting

Below table present the overall status of monthly OHS MOM for Sep 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	1	2	4
2.	RAR-01	9	5	1	2	1
3.	KKH-01	17	8	1	5	3
4.	PCI-01	11	7	0	2	2
5.	TL-01	8	2	3	3	0
6.	LBRV 11/12(Ref MOM July-22)	2	1	0	1	0
Total		59	28	6	15	10

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	1	0	6	0	7
TL-01	0	0	2	0	2
MW-01/02	1	1	38	1	41
PCI-01R	0	1	14	1	16
LBRV-11/12	0	0	2	0	2
RAR-02	0	1	1	0	2
LADP SA-01	1	0	0	0	1
LADP JMK	1	0	0	0	1
Total	4	3	66	2	75

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

OHS team of DHC conducted three joint inspections along with PMU and contractors and six with the 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 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	2	4
2.	RAR-01	0	0	0
3.	RAR-02	0	0	0
4.	KKH-01	1	2	3
5.	KKH-02	0	2	2

6.	PCI-01	0	0	0
7.	TL-01	0	0	0
8.	LBRV 11/12	0	0	0
9.	EM-01	0	0	0
10.	LADP	0	0	0
Total		3	6	9

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.	September 19, 2022	Electrical safety Awareness	Mr. Muhammad Iqbal (Dep. Lead OHS)	DHC	20
2.	September 19, 2022	Arcing Safety	Mr. Muhammad Iqbal (Dep. Lead OHS)	DHC	18
3.	September 18, 2022	Revised PR-12 Incident Investigation	Mr. Muhammad Iqbal (Dep. Lead OHS)	DHC	9
4.	September 10, 2022	Electrical Safety Awareness Training	Mr. Muhammad Iqbal (Dep. Lead OHS)	DHC	9
Total					56

6.2.7 Plant and equipment Inspection

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

Contract Package	Total Inspection Conducted till 31 st August	Total Inspection Conducted During Reported Period							Total Inspections Conducted Till 30 th September
		Light Vehicles	Dump Trucks	Excavators	Jumbo and Conventional Drills	Shotcrete Jumbo Machines	Bucket Loaders	Other	
KKH-01	0	0	0	0	0	0	0	0	0
KKH-02	0	0	0	0	0	0	0	0	0
RAR-01	13	0	0	0	0	0	0	0	13
RAR-02	0	0	0	0	0	0	0	0	0
132kV TL	1	0	0	0	0	0	0	0	1
MW-01	0	0	0	0	0	0	0	0	0
MW-02	0	0	20	10	10	1	5	0	46
LBRV-11/12	0	0	0	0	0	0	0	0	0
PCI-01R	0	0	0	0	0	0	0	0	0
EM01	3	0	0	0	0	0	0	0	3
LADP-IKAN	0	0	0	0	0	0	0	0	0
DHC	22	7	0	0	0	0	0	0	29
Total	39	7	20	10	10	1	5	0	92

6.2.8 Covid-19 Cases

The contract-wise status of cases for the month of September 2022 can be seen in the below table

Sl.	Organization	Number of Employees	Previous Cumulative Positive Cases till Date (A)	Positive Cases Reported this Month (B)	Total Number of Deaths till Date	Cumulative Positive Cases till Date (A+B)
1.	WAPDA	309	13	0	1	13
2.	DHC	443	84	0	0	84
3.	MW-01 and MW-02, KKH-02, RAR-02	1859	124	0	0	124
4.	KKH-01 & RAR-01	385	24	0	0	0
5.	PCI-01R	116	16	0	0	16
6.	LBRV-11&12	70	0	0	0	0
7.	TL-01	38	0	0	0	0
8.	Total	3220	261	0	1	261

6.2.9 Trainings by the Contractor

Details of trainings arranged by the Contractors are presented below:

Sl.	Contract	Number of Trainings during Sep-22	No. of Participants
1.	RAR-01	3	48
2.	KKH-01	13	59
3.	TL-01	3	35
4.	MW-01	66	1019
5.	MW-02	75	1177
6.	PCI-01	3	71
7.	LBRV 11/12	0	0
8.	EM-01	2	19
Total		165	2428

6.2.10 Tool-box Talks by the Contractor

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

Sl.	Contract	Number of daily TBT conducted by the contractors during Sep-22	No. of Participants
1.	RAR-01	22	307
2.	KKH-01	17	88
3.	TL-01	20	210
4.	MW-01	480	14400
5.	MW-02	480	14400
6.	PCI-01	16	314
7.	LBRV 11/12	0	0
8.	EM-01	0	0
Total		1035	29719

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 DHC, PMU, and World Bank,
- Review Sept 9 incident report of the contractor, review flash report prepared by DHC, edit the draft report.
- Review various letters and engineer's instruction and provide input to finalize them,
- Discuss with the field team on the field issues, e.g., review of draft EIs, deteriorated condition PPE usage, and recommended strict action on the Contractor, and
- Compile Environmental and Social Standards (ESS) of the World Bank, compare project EMAP/ESA with ESS requirements and prepare gap analysis matrix and share with the bank, ,

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 meetings with team members and provide feedbacks.
- Reviewed Permit to Work and ERP from CGGC and provide recommendations to update them.

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.
- Review PMU comments & lessons learnt on 2022 flood and modify and update the draft EPRP.

6.4 The Engineer's Training/Drills Participation

During September 2022, the Engineer delivered 4 trainings to DHC, WAPDA and Contractors staff on different OHS subject.

6.5 The Engineer's Inspection/Audit/Instructions

- DHC OHS team have conducted 77 Walk-through Inspections on different worksites during the reporting period. Senior staffs were involved in 9 number and field professionals, inspectors and Jr. OHS Professional were involved in 68 numbers of walk-through, respectively.
- Issued (25) Engineering Instructions to all contractors during the reporting period.

6.6 Significant Events

6.6.1 Work Suspension

The fatal incident of 24th July 2022 in the Contract of MW-02 – CT2 connection tailrace tunnel has identified various non-compliances and significant negligence from the Contractor M/S CGGC Management.

Due to the noncompliance by the Contractor and in accordance with the General Contract Specification Sub clause 8.8 [Suspension], the Engineer instructed the Contractor to suspend the entire work of MW-02.

The MW-02 Works were suspended starting 15th August 2022 and was remain suspended approximately (5) weeks until 21st September 2022 where the resumption of work granted by the Engineer.

During the time of suspension, the Contractor was advised to comply with the requirements stated in the incident corrective action plan.

6.6.2 Major Flood and Losses

The natural disaster of flash floods and mud slides in the months of July and August 2022 have triggered significant losses and created major delays to Dasu Hydropower Projects especially to the main works Contract of MW-01.

The Contractors camp facilities and equipment were washed away when the Indus River overflowed and even main access highway of KKH-01 upstream was very much affected as the bridge of UCHAR-Nallah washed out by the flood.

The Contractor activities of MW-01 Contract were suspended approximately (60) days and even until this moment the resumption of work in various locations are still inevitable as the process of dewatering and geotechnical survey are still in progress.

Although, there is no record of injuries related to flooding but devastating effect of such natural disasters have made a significant impact towards the completion of DHPP.

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 4,652 acres has been awarded / acquired by the end of September 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 3,923 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 3,543 acres land acquired under private negotiation. No new land was acquired during the reporting month. Land acquisition formalities for the remaining land 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	468	319	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	4,652 (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 19.08 billion was paid, including PKR 18.74 billion to 7,676 PAPs through 11,349 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 September 2022, an amount of PKR 130,851,443/- was paid as compensation payment to 111 PAPs of 20 components. A total of 132 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 Tailrace Outlet Area-02	38	50	40,215,917
2	Contractor Camp Barseen	1	1	1,061,426
3	Dam Site Siglo-02 File-04	1	1	325,983
4	Gayal Nala to Kandia Bridge Reservoir Area	6	8	10,433,548
5	Kishu Kar Reservoir Area	13	13	49,252,885
6	KKH-01 Additional Land PTB 1 to 7	2	2	655,046
7	KKH-02 Addl Land (Looter to Shukrait Nallah-01 Part B	4	4	343,248
8	KKH-02 Additional Land Area-01 A	1	1	824,851
9	KKH-02 Additional land Awai to Looter Part A	1	1	150,050
10	KKH-02 Additional Land Kaigah to Awai 2A	1	1	134,496
11	KKH-02 Additional Land Summer Nullah	11	12	5,941,597
12	KKH-02 Kaigah to Awai Area-1 (A)	1	1	1,380,125
13	KKH-02 Kaigah to Awai Area-1 (B)	1	1	185,890

S. No.	Component	PAPs	Cheques	Amount
14	KKH-02 Looter	1	1	21,781
15	KKH-02 Looter to Shukrait Nallah Area 1B (II)	1	2	398,283
16	KKH-02 Sammar Nala	16	21	14,187,587
17	KKH-02 Sazeen	6	6	3,522,417
18	KKH-02 Shukrait Nallah to Shuri Nallah	4	4	1,618,926
19	Millar to Dogah Nullah File(02) Part (A)	1	1	93,333
20	Shuri Nullah Access Road	1	1	104,054
	Total	111	132	130,851,443

7.1.3 Meetings of Compensation Disbursement Committee (CDC)

CDC meeting was held for the following component during September, 2022

S/N	Component	CDC Meeting Date
2	Additional Land KKH-01 PTB-01 to PTB-07	13.09.2022

7.1.4 Issuance of Notifications Under Section-4 and Corrigendum

Draft of Section-6 are issued of Kaigah Quarry Area-2 Adjoining Area and Crush Plant Area Kaigah during the Month of September, 2022.

7.1.5 Land Revenue Survey and Revenue Record:

Following revenue records were received during the month of September, 2022.

Sr. No.	Component	Received on	Submitted on
1	Access road to Resettlement Site-4 Kuz, Chuchang	06.09.2022	17.09.2022
2	Rectified Record of Access Road-4access Road, Kuz Chuchang	09.09.2022	18.09.2022
3	Gul e Bagh Reservoir-1	31.08.2022	08.09.2022
4	Gul e Bagh Reservoir-2	31.08.2022	12.09.2022

7.1.6 GIS Verification Completed

GIS Verification Completed for the following components in the month of September, 2022

Sr#	Component	Received	Submitted to Wapda
1	Access road to Resettlement Site-4, Kuz Chuchang	06.09.2022	17.09.2022
2	Access Road of Resettlement Site-4, Kuz Chuchang	09.09.2022	18.09.2022
3	Gul e Bagh Reservoir-2	31.08.2022	12.09.2022

7.1.7 GIS Verification

The GIS Team has completed following activities during the reporting month:

- i. In the following component residential khasra's extracted in separate files of MS-Excel and GIS location maps for SMR package prepared/update for S&R Section.
 - a. Updated map of Summer Nallah Dumping area.
 - b. Updated map of RAR-02 Komah Area.
 - c. Updated map of RAR-02 Dogah Area.
 - d. Updated map of Baily Bridge Komah Site-1.
 - e. Sazeen Das limit to Sazeen Nallah File-1 & 2.
- ii. Prepared data for the court case of Siglo all files and Milar to Dogah file-2&3.
- iii. For Road section all additional area of KKH-01 land acquisition data / drawing prepared for handing over land to contractor.
- iv. Prepared presentation and data of floor wise verification through GIS techniques for LAC and Chief S&R and present to LAC in his office.
- v. GIS Team visited Kaigah and Gul-e-Bag area for Drone imagery survey for the preparation of SMR payment status of Kaigah area all components.
- vi. Visited Chuchang and Khoshi area for Drone imagery survey for the preparation of Land and SMR payment status of Chuchang area components.
- vii. GIS Land type observation at SI-2019 of Gul-e-Bagh reservoir area-1 sent to WAPDA and LAC office.
- viii. GIS certificate and Annex-1, 2 & 3 of Gul-e-Bagh reservoir area-2 at SI-2014 sent to WAPDA and LAC office.

- ix. GIS certificate and Annex-1, 2 & 3 of Access Road to RS-4 at kuz Chuchang sent to LAC office dated 12-09-2022.
- x. Received Masavi, Revenue Record and survey data of Dogah Nallah to Gayal Nallah File-1(Seer Gayal), GIS processing started of Masavi (Clipping, Georeferencing, Rectification) according to survey data, Downloaded Satellite Imagery 2022 from Open source rectified and Georeferenced Satellite Imagery 2019 & 2022 according to GCP's.
- xi. Barseen contractor camp area map with coordinates for MW-01 section and map of CGGC crush plant at siglo area with coordinates for Main works and WAPDA.
- xii. Location map on satellite imagery with geodetic coordinates of Uchar Nallah bridge and contractor camps for WAPDA office and GM/PD.
- xiii. Processed satellite imagery of Uchar Nallah catchment area and handover in JPG format to Chief Geotech section.
- xiv. Demarcated Govt. School at Uchar area with relocated KKH at Satellite imagery for WAPDA.
- xv. Attended Senior Civil Court Dasu case on Land Acquisition of Siglo All Files and Milar to Dogah Nallah File-2 & 3.
- xvi. Prepared profile plan & profile drawings of revised design on CPEC standard of KKH-01 (Km 0+000 to KM 18+797) drawings.
- xvii. Prepared profile plan & profile drawings with update structure of revised design on CPEC standard for NESPAK review of of KKH-02.
- xviii. Prepared profile plan & profile drawings of KKH-02 looter Nallah & Summer Nallah bridge design.
- xix. Prepared drawings for MW-01 of distribution supply to plant and machinery.
- xx. Prepared single line digram drawing of Power land Uchar Batching & Crushing plant MW-01.
- xxi. Prepared Land acquisition and SMR payment status Maps of following components for demolishing existing structures for handing over to the project team.
 - a. Komila Bypass File1,2 and 3
 - b. Barseen Contractor Camp 1 & 2
 - c. Siglo-1 File 1 and 2
 - d. Siglo-2 File 1,2,3 & 4
 - e. Siglo-3 File 1 & 2
 - f. Siglo Blasting Area
 - g. Pani Bah Reservoir Area 1&2
 - h. Pani Bah Access Road
 - i. Kaigah Dumping and Access Road 1 &2
 - j. Kaigah Quarrey Area-2
 - k. Kaigah Tatta Pani Reservoir Area

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 delyaed. 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 a number of activities during the month of September. These activities 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 September 2022 are given below:

7.2.1 Progress of Seven under Construction Resettlement Sites

A total of 40 resettlement sites were planned, in the beginning, to resettle Affected Households of 34 Villages, who opted for resettlement sites. Four RV Packages (LBRV-11, LBRV-12, RBRV-11, and Dasu-RV) consisting of 21 resettlement sites were awarded to three contractors. 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 Dasu-RV contract for Chuchang resettlement sites was commenced on 18th June 2019 and the area was handed over to the contractor. RBRV-11 was awarded, however the work was not commenced.

The work on seven handed-over resettlement sites of LBRV-11 & 12, and Dasu-RV remained in progress during the reporting month. Social & Resettlement Teams monitored the sites under construction, following activities were conducted:

a) Resettlement Site Nasirabad 1&2

On 21st and 22nd September 2022, S&R team organized a joint field visit to RV Nasirabad-1&02 along with Resident Engineer of infrastructure section and the contractor. Examined the work progress as per punch list of infrastructure section and make follow up of the completion status of the remaining tasks which were agreed during the joint visit of the previous month.

Meetings were held with the resettling community of the RVs and discussed the handing over of RV proceedings to them. The community insisted for the arrangements of water supply.

After detailed debate finally the community give following options/way forward of water supply scheme:

- lower lafo (Kaigah Nullah) water supply

- water supply line can be installed along the Nullah bed up to the new KKH and along the new KKH water supply line
- bring water supply line from barseen Nullah up to new KKH and then along the KKH

b) Resettlement Site Khushi-1

On September 26th 2022, S&R team organized a joint visit to RV Khushi-01 and a Meeting was held with the resettling community of RV Khushi-01 to handover the site.

Community of this RV having no water source except the Uchar Nullah and the owners of Uchar Nullah are not willing to provide them the water as well as the route for water supply line. The community have been requested negotiate with the Uchar community for provision of water supply and route for line on urgent basis.

c) Resettlement Site Uchar -1

On September 29th 2022 S&R team organized a joint visit to RV Uchar-01 and examined the work progress and held meeting with the resettling community details are given below:

The resettling community of RV Uchar-01 was annoyed with the contractor because from 5th August till now the contractor did not completed the agreed tasks even had not started work on those agreed tasks. After detail discussion and debate following decisions were taken to complete the tasks and to make the site available for handing over to the community.

1. Contractor shall ensure to mark all the ready plots.
2. Within three weeks the contractor shall complete the work on catchment drain, removal of loose excavated materials dumped at the stat point of first terrace and end point of second terrace.
3. The contractor shall also remove the loose material dumped on the outer edge of access road to RV and plain the loose materials below the first terrace.
4. Minor nature work in mosque like to change the mirrors of windows etc. shall also be completed by the contractor within the coming three weeks' time period.

d) Recommendations and Way forward:

Based on the proposals and suggestions given by the resettling community of each RV the Social & Resettlement Section may recommend the following actions and necessary steps through which the long-standing issue of water supply scheme to the completed resettlement sites could be resolved and the community shall be able to construct their dwellings timely.

1. As the resettling communities of RV Nasirabad 1&2 have proposed four options for water supply scheme, the infrastructure section will initiate the feasibility study and then the community will be mobilized to convince the shareholders/owners of water source and the owners of land through which water supply line will be installed.
2. The suggestions given by community may be considered to resolve the water supply issue for the RV Khushi-01.
3. Continuous follow up is needed by the infrastructure section for the completion of agreed minor nature tasks in RV by the contractor.
4. Continuous follow up is needed with the contractor (Zhongmei) to complete the agreed tasks at all on going RVs particularly at Uchar-01.

e) SMR Implementation Progress

- i. By the end of September 2022, an amount of Rs. 2117.20 Million have been paid to 606 Affected Households. So far, 742 cases have been approved after field verification and Review process. ESMR Cheques of remaining 136 have also been prepared and the payment is in progress.
- ii. The progress of receiving cheque remained slow as the Siglo community is not coming to receive their cheques mainly due to their rejected cases. A number of consultation meetings and jirgas were held with Siglo community in Deputy Commissioner's Office to brief them about the situation and complete relocation as early as possible.
- iii. The SMR Working Committee have almost completed all targetted files (1878) while Field Verification Committee remained busy in field verification of remaining villages..

- iv. The SMR Committees also kept engage in revising the referred back files as per the comments of Review & Scrutiny Committee (RSC) and Payment Committee (PC).
- v. 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.
- vi. The Field Verification Team verified about 1300 AHHs and completed verification in Siglo, Meelar, Kuz Kai, Bar Kai, and Kuz purwah areas while the Review & Scrutiny Committee reviewed all the forwarded cases and about 742 cases were recommended and approved by RSC and SMR-IC for ESMR payments.
- vii. 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.
- viii. 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.

f) Status of TRP Payment

At the end of September 2022, a total amount of PKR 78,884,437/- paid as TRP to 208 RVs (PKR 68,029,544/-) 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, 04 cheques were issued to 04 AHHs from Tailrace Area Kuz Chuchang and RAR-01 (ROW) components, a total amount of PKR 393,596/- was paid during the reporting month. Updated component wise details of TRP and allowances is given in table.:

Table: Status of Payments of TRP and Allowances to the Owners of AHHs (Updated by Sep 2022)

S. No	Component	Status by Aug 2022			Status during Sep 2022			Grand Total
		RVs	Self	Amount	RVs	Self	Amount	
1	Additional ROW (KKH-01)	6	4	4,550,749	0	0	-	4,550,749
2	Bar Chuchang	1	3	495,924	0	0	-	495,924
3	Khushi Access Road to VT	13	1	4,795,983	0	0	-	4,795,983
4	Khushi Dumping	9	8	5,266,131	0	0	-	5,266,131
5	Khushi to Logro	56	0	4,560,000	0	0	-	4,560,000
6	KKH-01 (ROW)	34	22	23,151,861	0	0	-	23,151,861
7	Logro	43	0	20,749,680	0	0	-	20,749,680
8	RAR-01 (ROW)	16	26	8,126,023	3	0	248,456	8,374,479
9	Uchar Thoki (Uchar Contractor Camp-2 Thoki)	15	0	755,000	0	0	-	755,000
10	WAPDA Office & Colony	1	0	320,000	0	0	-	320,000
11	Zhongmei Camp	4	1	2,655,124	0	0	-	2,655,124
12	Khushi Access Road	0	18	2,235,461	0	0	-	2,235,461
13	Tailrace Area Kuz Chuchang	10	3	828,905	1	0	145,140	974,045
Total		208	86	78,490,841	4	0	393,596	78,884,437

The updated status for the payments of project allowances to the owners of Commercial Structures is given in below Table. During the reporting month (September 2022), no cheque was issued for commercial structures

Table: Status of Payments of Allowances to the Owners of Commercial Structures (Updated by Sep 2022)

Sr. No.	Component	Status by August 2022		Status during September 2022		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	10	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		43	3,926,220	0	0	3,926,220

g) Relocation of Residential Houses and Commercial Structures

The owners of 368 affected structures including 210 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. The Component wise details of relocated structures are as under:

Table: Updated Status of Relocation of Structures by September 2022

Sr. No	Component Name	Status of TRP HHHs		Status of CS	Update Status of Relocated Households
		TRP-RVs AHHs (B-5)	TRP Self AHHs		
1	KKH-01 (ROW)	32	2		90% AHHs residing with in the Premises of Dassu Town
2	Logro	1	42		100% AHHs residing in Dassu and Komila Town i.e. Komila, Logroo and Jalkot village
3	Zhongmei Camp	0	4		Residing in Teyal village in Dassu Town
4	Additional ROW (KKH-01)	6			Residing in Gul-e-Bagh village only two families in Komila town.
5	RAR-01 (ROW)	0	16	9	1. Total 16 RVs AHHs residing in Sigloo village 2. Majority of the Commercial Structures relocated their shops out of RoW of RAR-01 and some have been shifted their business inside Seo village.
6	Khushi Dumping	7	2	10	1. Majority migrated to District Mansehra and Abbottabad while some are residing in Komila Bazar 2. The owners of commercial structures relocated their business in different locations i.e. Two small hotels opened in Chuchang Colony Area while four shifted their business to Komila bazar and rest opted other business like transport etc.
7	Uchar Thoki (Uchar Contractor Camp-2 Thoki)	15			The household shifted to nearby village
8	Khushi Access Road to Ventilation Tunnel	13			RVs and self-managed relocated families shifted District Taxila, Hassanabadal of Punjab province and some are residing in Muzaffarabad AJK. Three families still residing in switchyard area of Khushi village
9	Khushi to Logro	58			Majority migrated to District Mansehra and Abbottabad while some are residing in Komila Bazar
10	WAPDA Offices and Colony Chuchang	1	1		The household shifted to Chatter plain District Mansehra
11	Tailrace Area Kuz Chuchang	5	5	13	RVs AHHs are residing in Komila Bazar, Jalkot and Dassu area
12	Barseen	0	0	11	The structure are under demolishing process
Total		138	72	43	

h) Other Major Activities Carried Out by R&R Team

The following other major activities were carried out by R&R team during August 2022:

- i. During the reporting month S&R team mainly worked on the scanning and photocopying of the paid ESMR files. The purpose of this scanning and copying of files is to prepare the record for DHC & WAPDA office and to prepare the files of the AHHs for remaining project allowance payment.
- ii. So for, 528 ESMR paid files have been scanned and made duplicate copies.
- iii. During the reporting month, S&R team attended joint RSC and WC meetings to dispose off the SMR cases, S&R team also attended Review & Scrutiny Committee meetings and finalized the ESMR cases for priority components
- iv. During the month a total of 179 ESMR files of various villages reviewed and submitted to FVC for further process
- v. More than 60 referred back files from RSC and FVC and resubmitted along with comments and removed deficiencies.
- vi. Consultation meeting with different villages about ESMR missing documents.
- vii. Assisted S&R Team to District Administration during dismantle of houses at Barseen, Uchar Nullah, Komila bypass and Sigloo villages
- viii. Attended Ulema Conference in DHC Hall arranged by DHC & WAPDA Gender Team

- ix. Continuously consultation with RVs community about handing and taking over of resettlement sites and also demarcated plots on resettlement site by the Contractor according to the given design.
- x. Attended joint meetings of SMR-I, RSC, FVC in Deputy Commissioner Office Kohistan to sort out 115 missing files of priority-1 villages including Komila, Sigloo, Kuz Chuchang, Bar Chuchang, Khushi, Logroo, Uchar Nullah and Barseen. The missing files traced out and the details are as under; Bar Chuchang-08, Barseen-3 files, Kuz Chuchang-06, Khushi 12 files, Logroo-19 Files, Sigloo-47 and Uchar Nullah -20

7.3 Public Consultation and Participation

Major activities carried out under Public Consultation and Participation Section during the month of September 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:

Findings of joint Visit to RV Khushi-01:

65 No. of plots are ready in this RV. The contractor is directed by the Resident engineer to complete the minor nature tasks which were agreed during the previous joint visit conducted in August 2022

Meeting with the resettling community of RV Khushi-01:

Meeting was held with the resettling community of RV Khushi-01 to handover the site. Discussed the water supply issue in detail, the community urged that without water supply scheme they cannot take over the RV and to start the houses construction. Community of this RV having no water source except the uchar nullah and the owners of uchar nullah are not willing to provide them the water as well as the route for water supply line.

The community have been requested to negotiate with the Uchar community for provision of water supply and route for line on urgent basis. The present community members further added that they have the sole source of water which is uchar nullah and second option is to provide the water by the project through water tankers in this way we could be able to start our houses construction up to some extent.

Uchar – 01:

Findings of Joint visit to RV Uchar-01:

The resettling community of RV Uchar-01 was annoyed with the contractor because from 5th August till now the contractor did not completed the agreed tasks even had not started work on Those agreed tasks. After detail discussion and debates, following decisions were taken to complete the tasks and to make the site available for handing over to the community:

- The contractor will ensure to mark all the ready plots.
- Within three weeks, the contractor will complete the work on catchment drain, removal of loose excavated materials dumped at the stat point of first terrace and end point of second terrace.
- The contractor shall also remove the loose material dumped on the outer edge of access road to RV and plain the loose materials below the first terrace.
- Minor nature work in mosque like to change the mirrors of windows etc. shall also be completed by the contractor within the coming three weeks' time period.

Nasir Abad 1&2:

Findings of joint Visit to RV Nasirabad-01 and 02:

In RVs Nasirabad -01 & 02 plots are ready, the resettling community of Nasirabad 01 raised concerns about the material dumped adjacent to grave yard situated below the first terrace and requested to level the dumped material and to protect the grave yard by installing safety measures. Similarly, one of the community members raised his concerns that the contractor have dumped loose materials in his piece of land adjacent to second terrace which should be removed.

The community also pointed out that, the contractor has dumped excavated materials in their communal piece of land situated few meters below the RV. The contractor was requested to either remove or level the material for their future use.

Decisions taken:

Following decisions were taken on the spot,

- The contractor agreed to level the dumped material adjacent to grave yard and to install some safety measures to protect the grave yard.
- The contractor and the community member agreed to sit together and resolve the issue of dumped materials in his land.
- The contractor also agreed to level the dumped materials from the communal land of resettling HHs.
- RE infrastructure section DHC have directed the contractor to complete the agreed tasks immediately.

Meetings with Resettling Community of RV Nasirabad-01&2;

Meetings were held with the resettling community and discussed the handing over of RV proceedings to them. The community insisted for the arrangements of water supply. The community have been told that it is their responsibility to show us dispute free water source and route for water supply line and the project is responsible to provide the water supply to RVs.

After detailed debate finally the community give following options/way forward of water supply scheme.

- The resettling community pointed out that from lower lafo (Kaigah Nullah) water supply is possible to both the RVs.
- Another option is that the water supply line can be installed along the Nullah bed up to the new KKH and along the new KKH water supply line is possible to both RVs.
- Third option is to bring water supply line from barseen Nullah up to new KKH and then along the KKH to both RVs.
- Fourth option is to bring water supply line form Bar Purwa (Doga Nullah) and then to cross the river by rope to both RVs.

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 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 Additional Land for different components.

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 7.3: 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 7.4: 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

- ❖ Attended Ulma conference at DHC office on 22-9-2022. The Ulma conference arranged by Gender section of DHC. There were about 30 Ulma participated in conference. Main aim of this conference that Ulma is the main stake holder in kohistan especially in Dassu Hydropower project in this regard a committee will be formed of Ulma by Ulma. After that Ulma committee will perform their best positive role in all activities of DHPP especially gender activities.
- ❖ During the month, total 152 SMR paid files received from DC office for project allowance and document scanning for office record.
- ❖ During the month, 152 SMR paid files scanned and prepared duplicate files for DHC office record
- ❖ During the month, prepared 152 SMR paid files for project allowance
- ❖ During the month, 80 files submitted to WAPDA for project allowance and 72 files are ready in all respect and will be submitted in next month. "the detail is shown in table 4"

Table: Status of SMR Paid Files for Project Allowance

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
	18	62	80	18	62	80	05/09/2022
		72	72		72	72	Ready for submission
Total			152	Total		152	80 SMR paid files submitted to WAPDA for project allowance and 72 files prepared and will be submitted next month.

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 7.5: Status of Priority-I Schemes under LADP

Sr. No	ID	Scheme	Description of Scheme	Tentative Cost (Million PKR)	Status By Reporting Month
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
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 (Sep 2022);

- 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. Bidding has been completed. Bids were opened on 12th September 2022 and purchase order has been issued to winner bidder.
- ii. Held meeting with DG Health Office Khyber Pakhtunkhwa Peshawar on September 28, 2022 for collecting Health data of the health centers of Upper Kohistan for Health Surveys of Upper Kohistan by 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.

- i. A Formal Follow-up workshop was held on September, 22, 2022 at DHPP meeting Room. A total of 33 Religious Leaders participated from, Kandiyā, Seo, Harban, Shityal, Sazen, and Dasu Tehsils of District Upper Kohistan. The Objective of the workshop was to engage religious leaders to Improve Religious Leader's knowledge about Project and their role in Implementation Facilitation with a special focus on Women and Girls. The session was facilitated with key religious leaders; for learning and improvements, all the religious leaders appreciated that this was the first workshop after 2013 and they all want such workshops in future so that the communication gap between us and Project is reduced and we can also play role of a catalyst for improvement in the lives of women, men, boys and the girls.
- 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. 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.
- iv. 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.
- v. A proposal for women skill development course has been approved for village Kuz Chuchang. Three Interviews were held through head hunting, by TEVC, Mansehra and Pakistan Academy for Rural Development (PARD), but unfortunately none was ready to come to Dasu.
- vi. Finally after long struggle along with principle TEVC, Mansehra; three teachers agreed and top priority teacher, who is mature and experienced will be hired. The Gender Specialist participated in the Job Fair and Skill Exhibition organized by TEVC and got contacts of many graduates from the Center.

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 the month of September few new events published on DHPP website.
- iv. Preparation of Content for Digital Display Screen (continuous activity). New content selected and modified for SMD have been displayed after approval from the management.
- v. Coverage of different events and meetings remained in progress during the reporting month, communication team also captured photos of different sites regarding progress.
- vi. Coverage of the different project activities for information of all the 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 (September, 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 (August, 2022). Based on the workforce data received from various contractors and other organizations a total of 4,154 workers / staff were estimated. Out of total (4,154); 2,123 (51%) were locals, 1,475 (36%) were non-local national, while 556 (13%) were foreigners. A total of 24 females were working in the project during the reporting month which is 1 percent of the whole workforce.

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

In-migrants at Dasu Site Data, As on September, 2022									
Sr. No	Components	Contracts	Locals	Non-Locals		Foreigners		Component wise Total	Total
			Male	Male	Female	Male	Female		
1	WAPDA/LA&AU		190	166	0	0	0	356	356
2	Dasu HPP Consultants	The Engineers	218	117	2	27	0	364	364
3	M/s PCCC	TL-01	51	53	0	14	0	118	118
4	M/s ZEGL	LBRV11&12	6	73	0	8	0	87	87
5	M/s CCECC	RAR-01	66	30	0	7	0	103	376
		KKH-01	57	160	0	54	2	273	
6	M/s CGGC	MW-01	762	355	0	159	6	1282	2564
		MW-02	612	227	0	203	13	1055	
		RAR-02	44	46	0	22	0	112	
		KKH-02	62	23	0	29	1	115	
7	M/s CGICOP	PCI-R	32	140	0	10	0	182	182
8	M/s KGL	JMK, RHC & RV	12	67	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			2123	1473	2	534	22	4154	4154
Total			2123	1475		556		4154	4154

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 As during the reporting month. The observations noted are given below.

Table 7.6: Observations noted during the Contractors' Camps Inspection

Sr. No.	Observations	Status by Previous Month	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.
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 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 Uchar 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 19.08 billion was paid, including PKR 18.74 billion to 7,676 PAPs through 11,349 cheques and PKR 245.240 million deposited to court for disputed cases. While PKR 27.717 million and PKR 65.598 million paid directly to FWO and PTDC respectively.

S. No.	Components	Status by Previous Month			Status during Reporting Month			Grand Total
		# of PAPs	# of CHQ	Amount (In Billion)	# of PAPs	# of CHQ	Amount (In Billion)	
1	All Components	7565	11217	18.61	111	132	0.13	18.74

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

During September 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 Previous Month			Status during Reporting Month			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 prepared summary sheets of 1.1 billion during September 2022.

S. No.	Components	Status by Previous Month	Status during Reporting Month	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	18,145,309,884	0	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 September 2022, a total amount of PKR 78,884,437/- paid as TRP to 208 RVs (PKR 68,029,544/-) 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, 04 cheques were issued to 04 AHHs from Tailrace Area Kuz Chuchang and RAR-01 (ROW) components, a total amount of PKR 393,596/- was paid during the reporting month. M&E team updated summary tables for reporting.

M&E team conducted data verification exercise during September, all the cheques recorded in MS Excel and MIS database were verified and corrections were made where required. All missing data was entered in the databases and also corrected "Resettlement Component" in consultation with Advisor R&R WAPDA. Updated component wise details of TRP and allowances are given in table below:

S. No	Component	Status by August 2022			Status during Sept 2022			Grand Total
		RVs	Self	Amount	RVs	Self	Amount	
1	Additional ROW (KKH-01)	6	4	4,550,749	0	0	-	4,550,749
2	Bar Chuchang	1	3	495,924	0	0	-	495,924
3	Khushi Access Road to VT	13	1	4,795,983	0	0	-	4,795,983
4	Khushi Dumping	9	8	5,266,131	0	0	-	5,266,131
5	Khushi to Logro	56	0	4,560,000	0	0	-	4,560,000
6	KKH-01 (ROW)	34	22	23,151,861	0	0	-	23,151,861
7	Logro	43	0	20,749,680	0	0	-	20,749,680
8	RAR-01 (ROW)	16	26	8,126,023	3	0	248,456	8,374,479
9	Uchar Thoki (Uchar Contractor Camp-2 Thoki)	15	0	755,000	0	0	-	755,000
10	WAPDA Office & Colony	1	0	320,000	0	0	-	320,000
11	Zhongmei Camp	4	1	2,655,124	0	0	-	2,655,124
12	Khushi Access Road	0	18	2,235,461	0	0	-	2,235,461
13	Tailrace Area Kuz Chuchang	10	3	828,905	1	0	145,140	974,045
Total		208	86	78,490,841	4	0	393,596	78,884,437

Since, August 2022, S&R team engaged in preparation of files for payment of resettlement allowance. By end of reporting month, resettlement allowances released to 67 AHHs who already received their ESMR Package. A total amount of PKR 2.256/- million is paid on account of resettlement allowances.

Sr. No.	Village Priority	By August 2022		During Sep 2022		Grand Total	
		No. of AHHs	Amount	No. of AHHs	Amount	No. of AHHs	Amount
1	Priority I Villages	24	582,257	34	1,497,181	58	2,079,438
2	Priority II Villages	0	-	9	176,712	9	176,712
3	Priority III Villages	0	-	0	-	0	-
Total		24	582,257	43	1,673,893	67	2,256,150

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 1,878 ESMR files to Field Verification Committee.

During September 2022, a total amount of PKR 563.50 million paid as ESMR package to 161 AHHs. By the end of reporting month ESMR package was paid to 606 AHHs of batch-1, 2 and 3, total amount paid on account of ESMR is PKR 2,117.20 million.

S. No.	Batch	Total AHHs	Status by Previous Month		Status During Reporting Month		Total	
			Paid AHHs	Amount (Rs. Million)	Paid AHHs	Amount (Rs. Million)	Paid AHHs	Amount (Rs. Million)
1	Batch-1	84	76	262.20	0	0.00	76	262.20
2	Batch-2	960	205	717.50	75	262.50	280	980.00
3	Batch-3	966	164	574.00	68	238.00	232	812.00
4	Batch-4		0	0.00	18	63.00	18	63.00
5	Batch-5		0	0.00	0	0.00	0	0.00
Grand Total		2010	445	1,553.70	161	563.50	606	2,117.20

7.12.6 Validation of Shareholders Data for ESMR Package

During September 2022, M&E team remained engaged in validation of shareholders data for ESMR package. As first step a list of 376 shareholders was prepared, out of these 261 cases were reviewed and validated with revenue and C&W record to determine their eligibility for ESMR package. During the process, total land area, number of rooms and covered areas as per C&W assessment was analysed to determine validity of shareholder for ESMR package. By the end of reporting month, M&E team successfully reviewed data of 261 shareholders and only 69 cases were recommended as valid. Remaining 115 cases will be completed during first week of October 2022.

7.12.7 Preparation of Compensation Payment Details to AHHs Relocating to 07 Under Construction Resettlement Sites

M&E team was assigned to prepare lists and summary tables for compensation and TRP payment received by each AHH relocating to 07 under construction resettlement sites. M&E team collected information and finalized list of 187 AHHs (out of 219 AHHs). Twenty AHHs from Gul-e-Bagh Reservoir Area component did not receive their compensation payment yet. While, 12 cases are under process and will be finalized during first week of October 2022.

Resettlement site and block wise lists are prepared with details on payment for land, builtup and tree compensation and amount received on account of Temporary Relocation Package. M&E team also calculated admissible resettlement allowances and special relocation package for each AHHs.

7.12.8 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 10,495 (92% of total cheques/Qabzul Wasools) have been entered in MIS. Data entry of remaining Qabzul Wasools is in progress, a backlog of 854 Qabzul Wasools recorded by end of the reporting period.
- Total 131 SMR cheques issued to AHHs by September 30, 2022, out of these 101 cheques were entered in MS Excel Database and MIS.
- TRP and resettlement allowances cheques were issue to 67 AHHs by end of 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 Aug 2022	Status During Sep 2022
1	PAPs Documents Organized	31,887	0
2	Compensation Payment Entry in MIS	10,395	100
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	133
6	SMR Cheques Entry in MIS	445	161

7.13 Development of Management Information System

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

7.13.1 Design of Ecology Modules

During the month under reporting, the gender module was designed and developed for recording gender activities and generating reports in an automated way. The gender specialist can easily manage gender related information and success stories by inputting in the system and the system immediately generate outputs which were designed as per project requirements provided by the gender specialist.

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

- Design and development Gender Input System
- Development of gender session manager input sub module
- Development of success story manager input sub module
- Development of module's security features
- Development of Summary Report for the module
- Development of outcome reporting including gender's success stories

7.13.2 Design and Development of Public Consultation Module

During the month under reporting, public consultation and participation module was designed and developed as per project requirements provided by the PC&P Specialist. The developed module mainly contains the PC&P consultations and their recursions to resolve the issues. The developed system also manages the consultation's documents.

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

- PC&P input system was designed & developed
- Designed and development of consultations and their purposes manager sub module
- Consultation recursion manager sub module was designed and developed
- Development of consultation status and recursion handling sub module
- Development of consultation summary and detailed reports
- Development of consultation document management system

7.13.3 Maintenance of Operational Modules

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

7.14 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 August 2022	Progress during September 2022	Remarks
> Land Acquisition and Compensation Payment (LA & CP)				
1	Land Acquired (Acres)	4,654	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	01	Majority of AHHs residing in Project area and some of them shifted to down districts
3	Total TRP (Batch-5) Paid to AHHs relocating to RVs (M. Rs)	38.695	0.39	
4	Number of HHs received TRP relocating on SMR	72	04	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	67.75	0.39	
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	78.654875	0.39	
13	No. of AHHs Received ESMR	445	161	

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14	Total amount of ESMR Paid	1553.70	563.50		
15	Amount of Allowances Paid to Owners of Commercial Structures (M. Rs)	3.92622	0.02702	Including dislocation, Shifting and Covered Area Allowance per square meter	
16	Total Amount Paid to AHs including Sr.No.12+14+15	1636.114075	563.91702		
➤ Public Consultation and Participation (PC&P)					
1	Number of Consultation Meetings Conducted	780	05	Various meetings were conducted regarding ESMR Package.	
2	Percent issues / disputes resolved	88	02	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)	83	70	% PAPs from related villages presented during the meetings	
4	Percentage of their suggestions taken into account	72	80	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	10	01	Ten medical camps organized from February 2017 to September 2022	
2	Number of Males Treated	3,287	60	Total patients treated in 10 medical camps	
3	Number of Females Treated	4,147	91		
4	Number of Children Treated	4,001	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)	1.76	0.20		
➤ 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	-	-	
3	Number of Gender Sensitization Sessions Conducted with Various Target Groups (PMU, DHC, Contractor, and other stakeholders)	5	-	-	
4	Number of VTCs established	01		Gender Specialist Participated in JOB Fair (Skill Exhibition) organized by Government Technical and Vocational Center, Mansehra and achieved teachers' selection for the Kuz Chuchung skill development Center. A highly experienced teacher has been selected for the course.	
5	Number of GIP Information Centers Identified	01	-	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	

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7	Number of Schools Covered under Health & Hygiene Program	02	-	<ul style="list-style-type: none"> Meeting with Doctors (Women and Men) of WAPDA Health Clinic was held to involve them in the Health and Hygiene sessions in Girls and Boys Schools. A meeting was also held with the Principle of Government Girls' High School and she appreciated the idea and is ready to have such sessions in their schools.
8	Number of Project Staff (including Contractor's staff) Benefited from sensitization trainings	80	3	Three staff members are sensitized and generated needs and promoted keen interest in their respective communities for literacy center for women in their village
9	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	02		<ul style="list-style-type: none"> A follow up- formal workshop has been conducted with 33 Ulemas of different tehsils of Kohistan on September, 22, 2022 at DHC Meeting Room. Identification of further ulema (24) for the third batch is finalized and proposal has been developed.
10	Number of Ulemas Benefited	54	33	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 Shital, 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	38	-	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	4154,	Workforce data includes staff (including labor) of all contractors, DHC, and WAPDA
2	Local Staff working on DHPP	1,851	2,164	
3	Non-local Staff working on DHPP	1,207	1,475	
4	Foreigner Staff working on DHPP	487	556	
5	Number of Awareness Sessions on CoC Conducted with Community	27	00	
6	Number of Total Participants in Community Awareness Sessions	419	05	
7	Number of Awareness Sessions on CoC Conducted with Labor	55	01	One 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	1,077	10	
9	Number of visits for Camp Inspection	78	02	Continuous activity
> 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
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)	18.61	0.13	
2	Compensation Payments Entries in MIS (Number)	10,395	0	

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3	Preparation of ESMR Files	1,569	309	
4	Release of ESMR Payment (in Million)	1,553.70	563.50	
5	ESMR Payment Data Entry in MIS	445	161	
6	TRP Payments (in Million) (AHHs & Commercial Structure)	82.40	0.393	
7	TRP Data Entry in MIS (Number)	1,160	133	
8	Preparation of Compensation Payment Summaries for WAPDA Submission (Million)	18.05	0	
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	2	
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	
2	Number of Modules Completed	09	11	Land Acquisition, Resettlement, IGRC, LADP, IMM,PH, Reporting System, Web Portal, Lease, Gender, PC&P
3	Number of Modules Partially Completed	01	01	Environment
4	Number of Modules in Progress / Up-grades	03	1	Communication
5	Number of Remaining Modules (Development yet to be started)	5	3	DFIM, OH&S, Ecology
6	MIS Development Work Completed (%)	76	80	

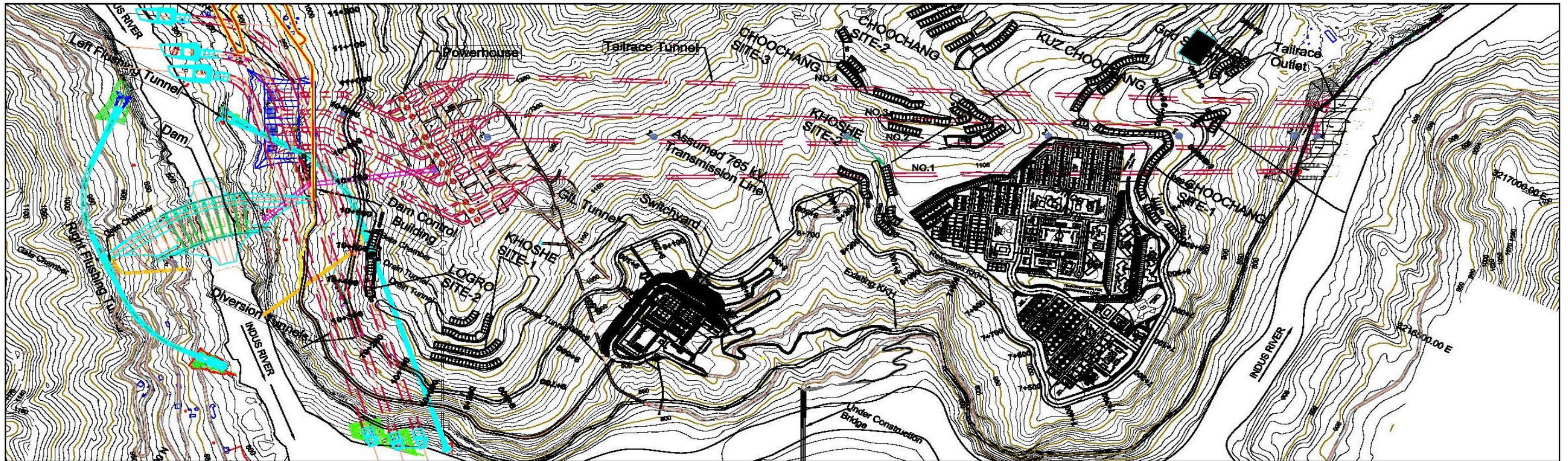
7.15 Implantation Plan of S&R Teams for Next Month

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	Assessment in progress	Assessment in progress
4	Working with resettlement team regarding SMR files	Continues activities	Continues activities
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	
➤ Gender Implementation Plan (GIP)			

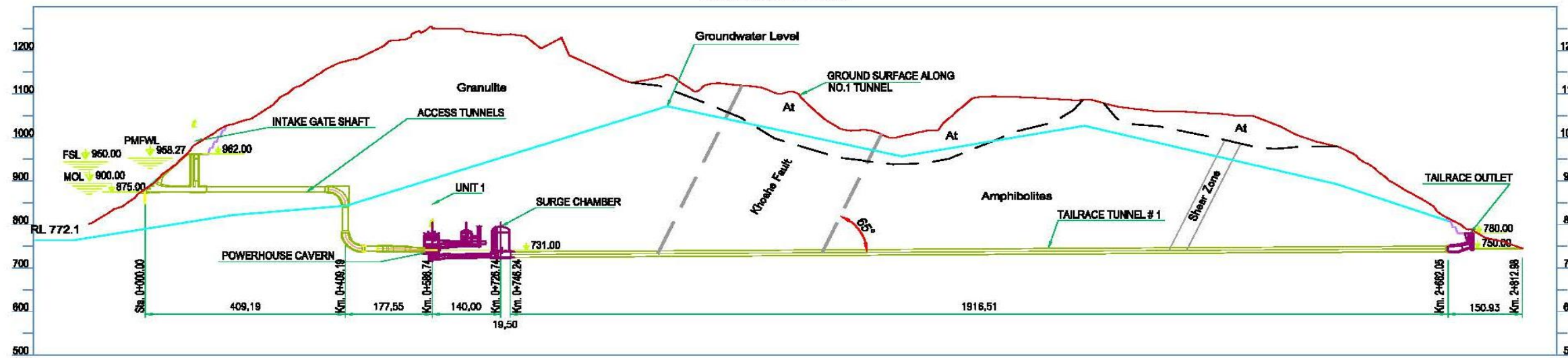
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Sr. No	Activity	Timeline	Status / Remarks
1	Third Meeting of Gender Core Workgroup	Process will be initiated in October for the 3 rd meeting	Discussions have been made with WAPDA as Project has some concrete set of activities now.
2	Visit to Kuz Chuchang site for Establishment of VTC for a group of 25 Women.	3rd Week of October	Pilot Phase Training center in Kuz Chuchang Village will be started in October, WAPDA will purchase the required items and the center will be started in last week of October
3	Follow-Up sessions with Ullema, for the third batch of trainings to have their feedback for an updated course in future.	4th Week of October.	
4	Gender Sensitization Session With CBGT/ WVCs in selected Villages	Last Week of October	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)	-	-
6	Preparation of Implementing Plan on SH&HP for further villages and follow ups with the existing villages	3 rd Week of October	Health and hygiene session will be conducted in GGHS, DASU.
7	Implementation on EPP Plan will be decided in GCW Meeting	A concept note for Community Girls School will be finalized in end of October, 2022	Process of engaging with E & SEF is in right direction and the department agreed to collaborate and take over the schools after two years.
8	Number of Trainings Sessions / Exposure Visits of Ulemas Conducted	-	-
> 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
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	03-10-2022	
2	Preparation of Compensation Payment Summaries/Submissions	31-10-2022	
3	PAPs documents uploading	Continuous	
4	Support in Development of MIS	Continuous	
5	Compensation and TRP Payments	Continuous	
6	Review of comments on ESMR Referred Back files from FVC and Remove Deficiencies	Continuous	
7	Resettlement Allowances Payments and Data Management	Continuous	
8	Monthly M&E Reports on SRMP (Jul and Aug)	15-10-2022	
> Development of Management Information System (MIS)			
1	Development Communication Module	October 2022	Development of all features of Communication's modules and sub modules
2	Initial design of Downstream impacts on Fisheries Module	October 2022	It covers discussions and exploration of project documents to understand the project requirements to develop the module
3	Technical Support / development of new features in existing modules if required	October 2022	Maintenance of developed and operational modules. It can include improvements in existing systems, addition of new features in existing modules as per requirements

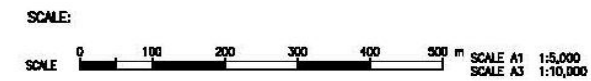
FIGURES



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

Figure 1: Layout Plan & Waterway Profile

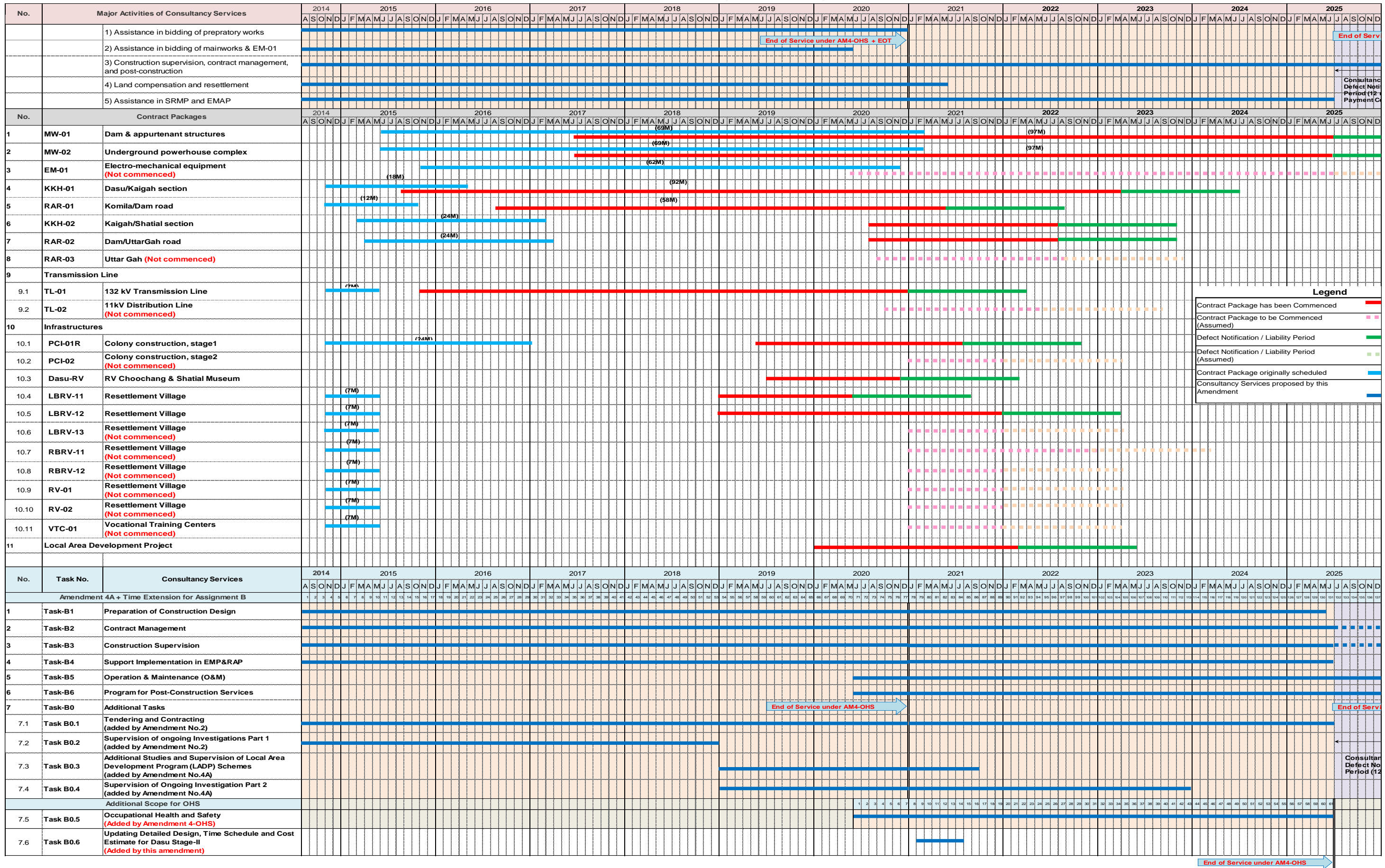


Figure 2: Implementation Schedule

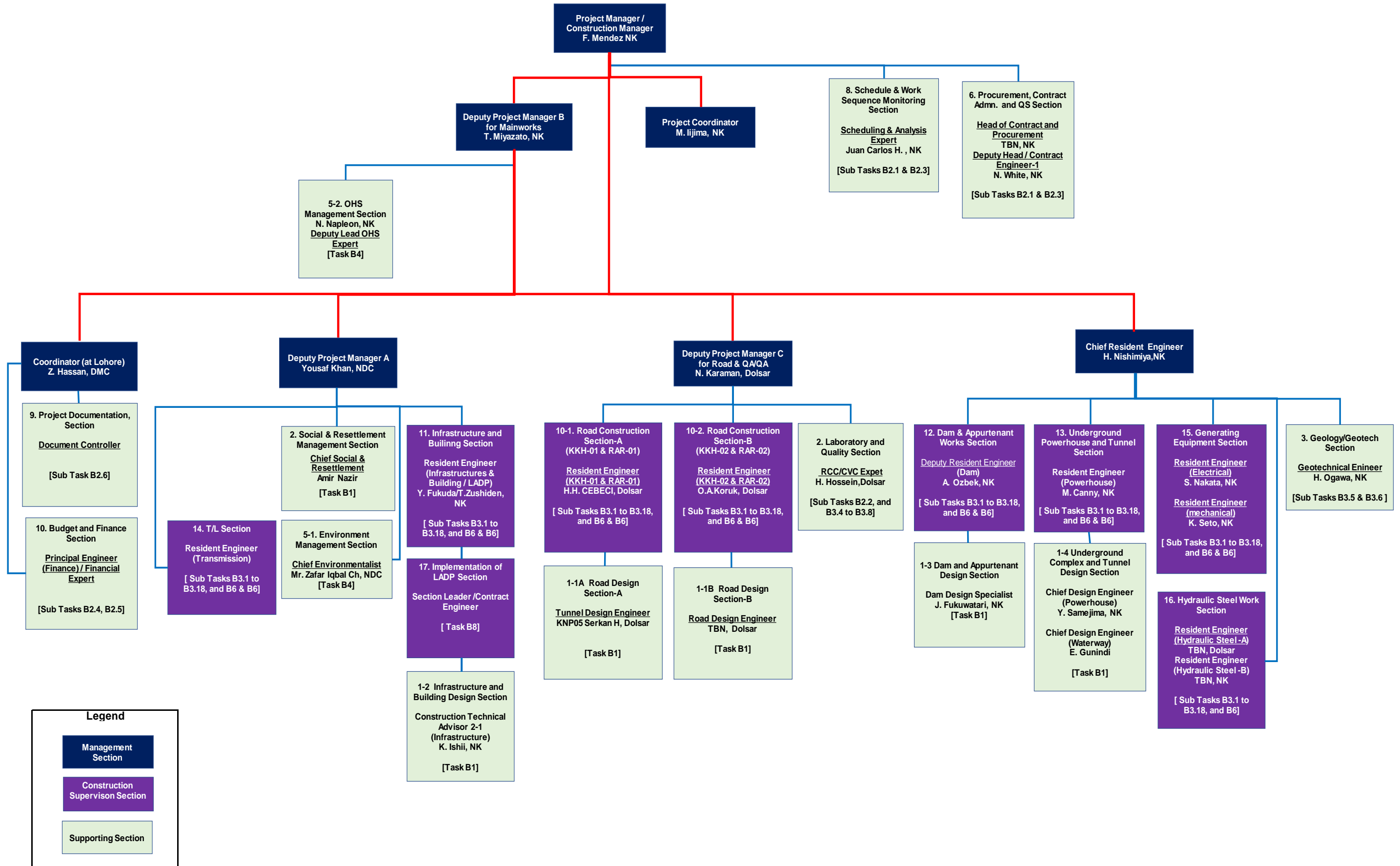


Figure 3: Organization for Consultant Team of Dasu Hydropower Project for Assignment-B

Figure 5 [1/1]

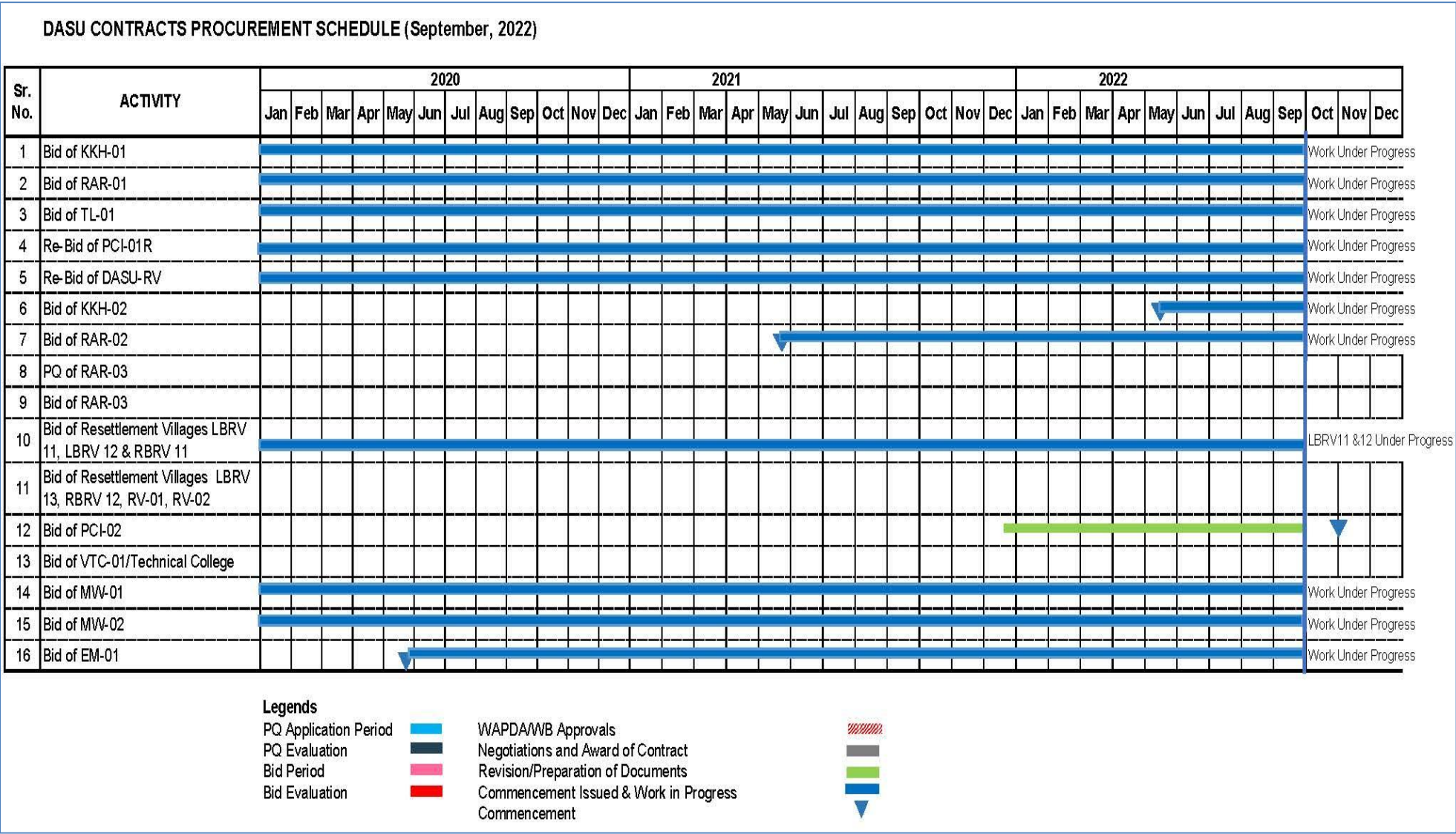


Figure 5: Contracts Procurement Schedule

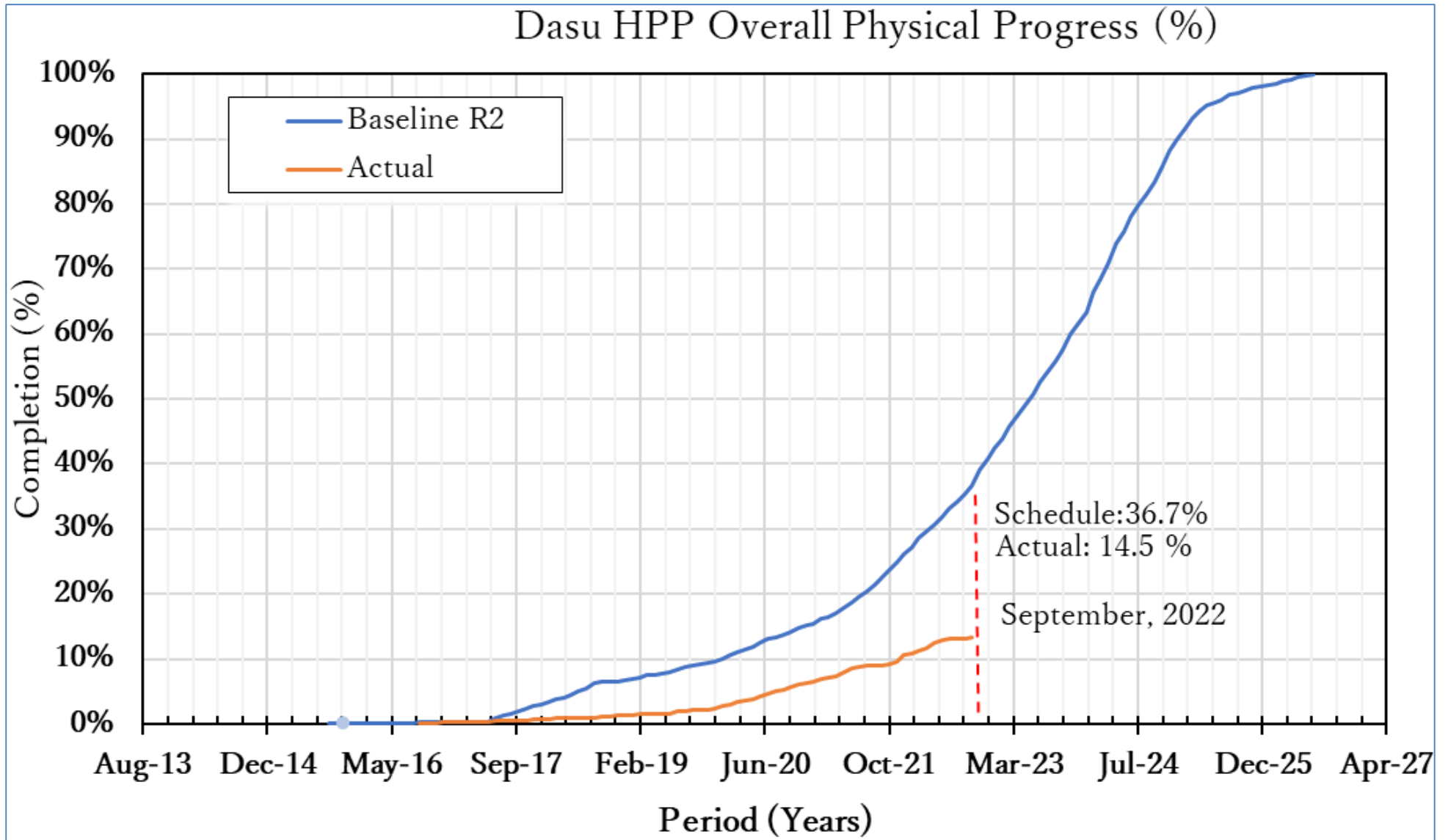


Figure 6: Dasu HPP Overall Progress (Physical Progress)

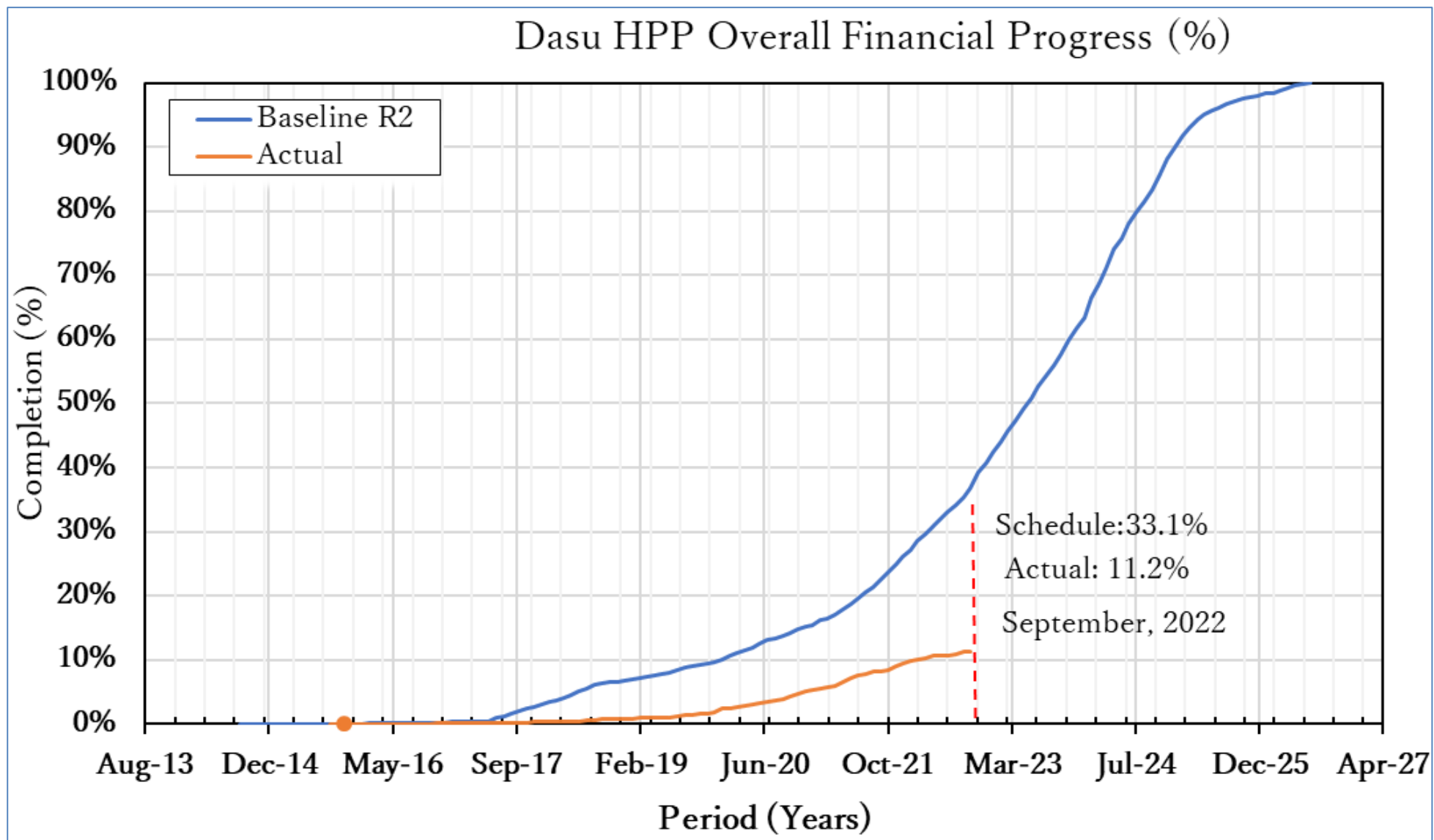


Figure 7: Dasu HPP Overall Progress (Financial Progress)

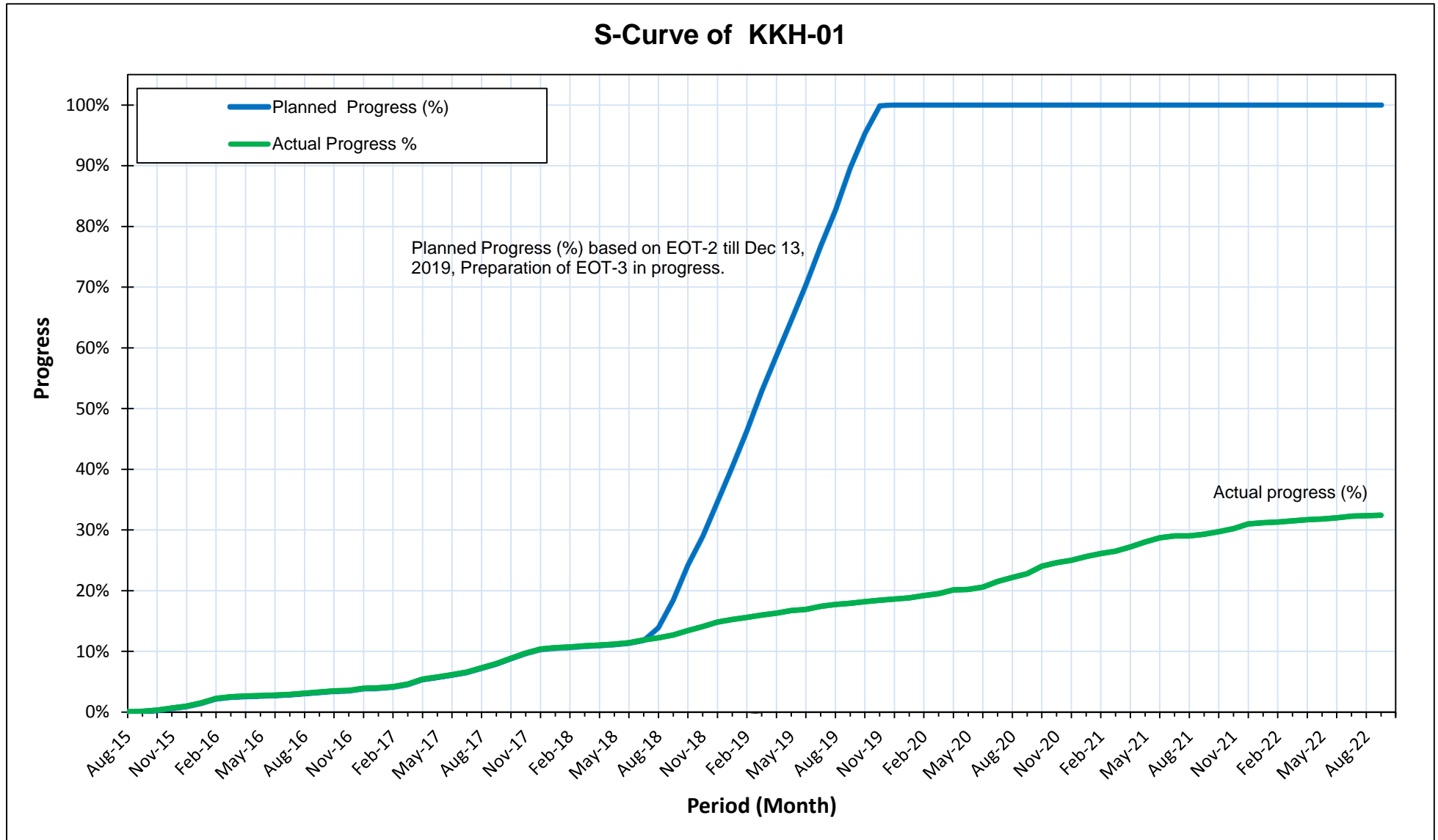


Figure 9: S Curve for Dasu-KKH-01

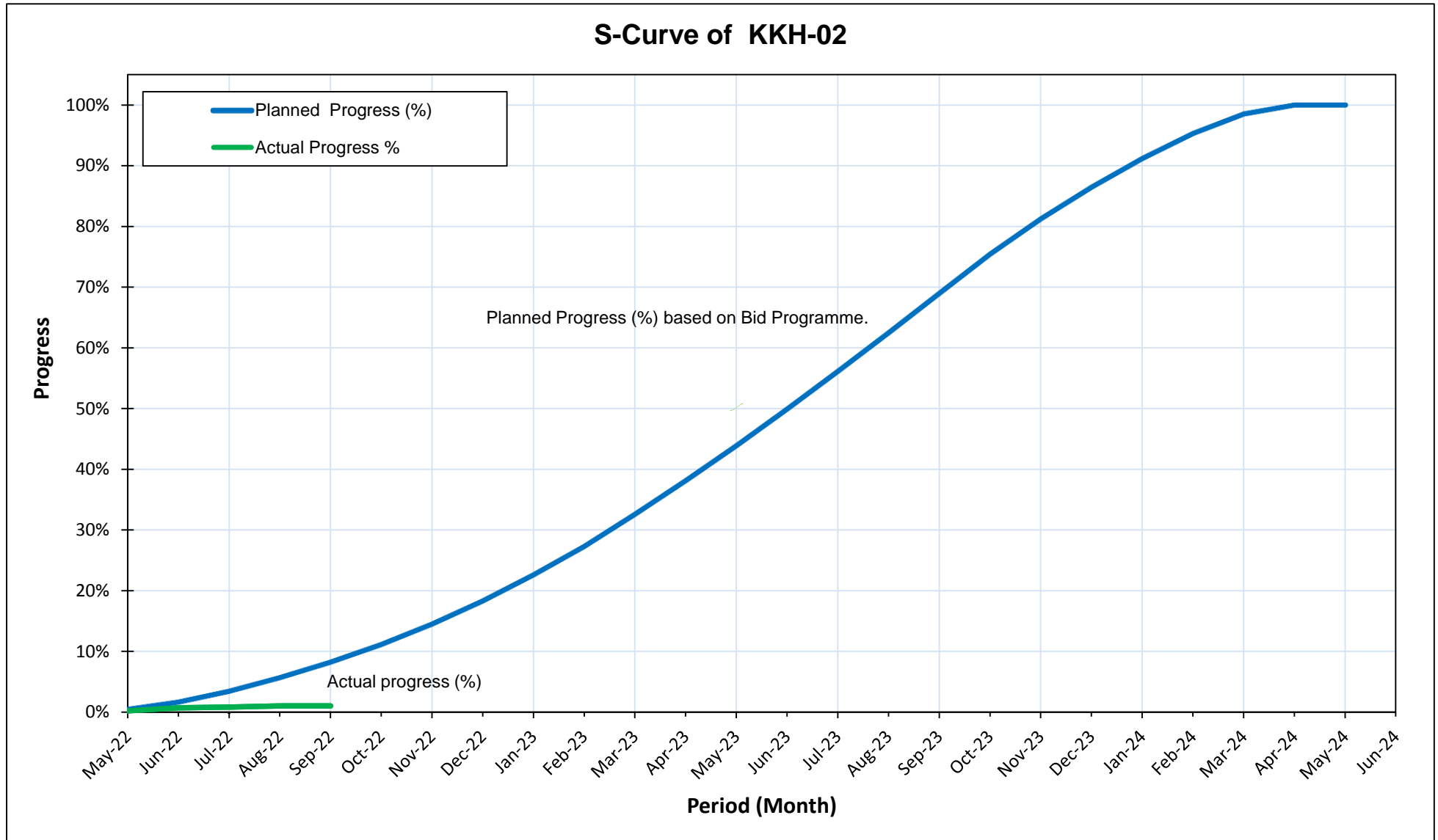


Figure 10: S Curve for Dasu-KKH-02

Figure 11 [1/6]

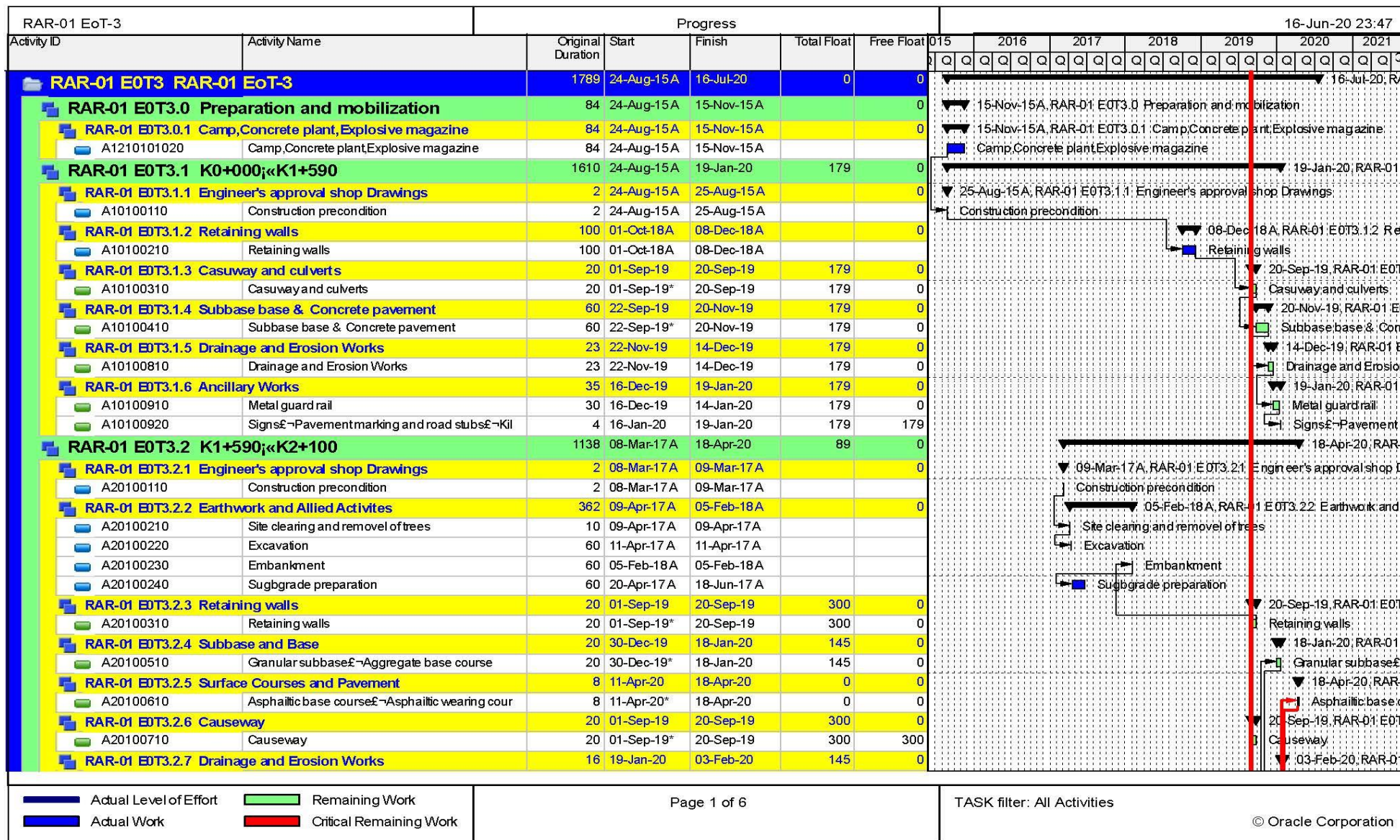
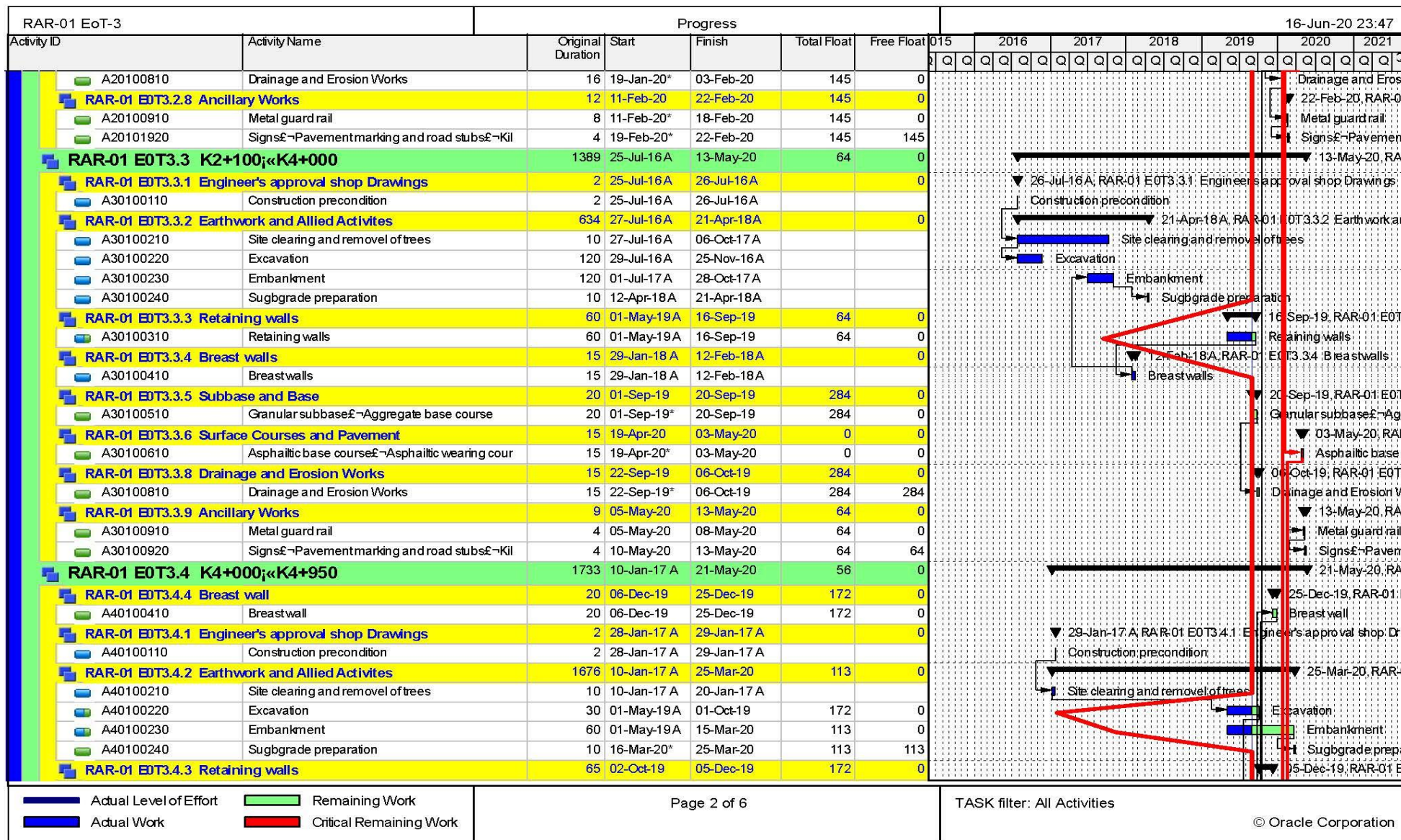


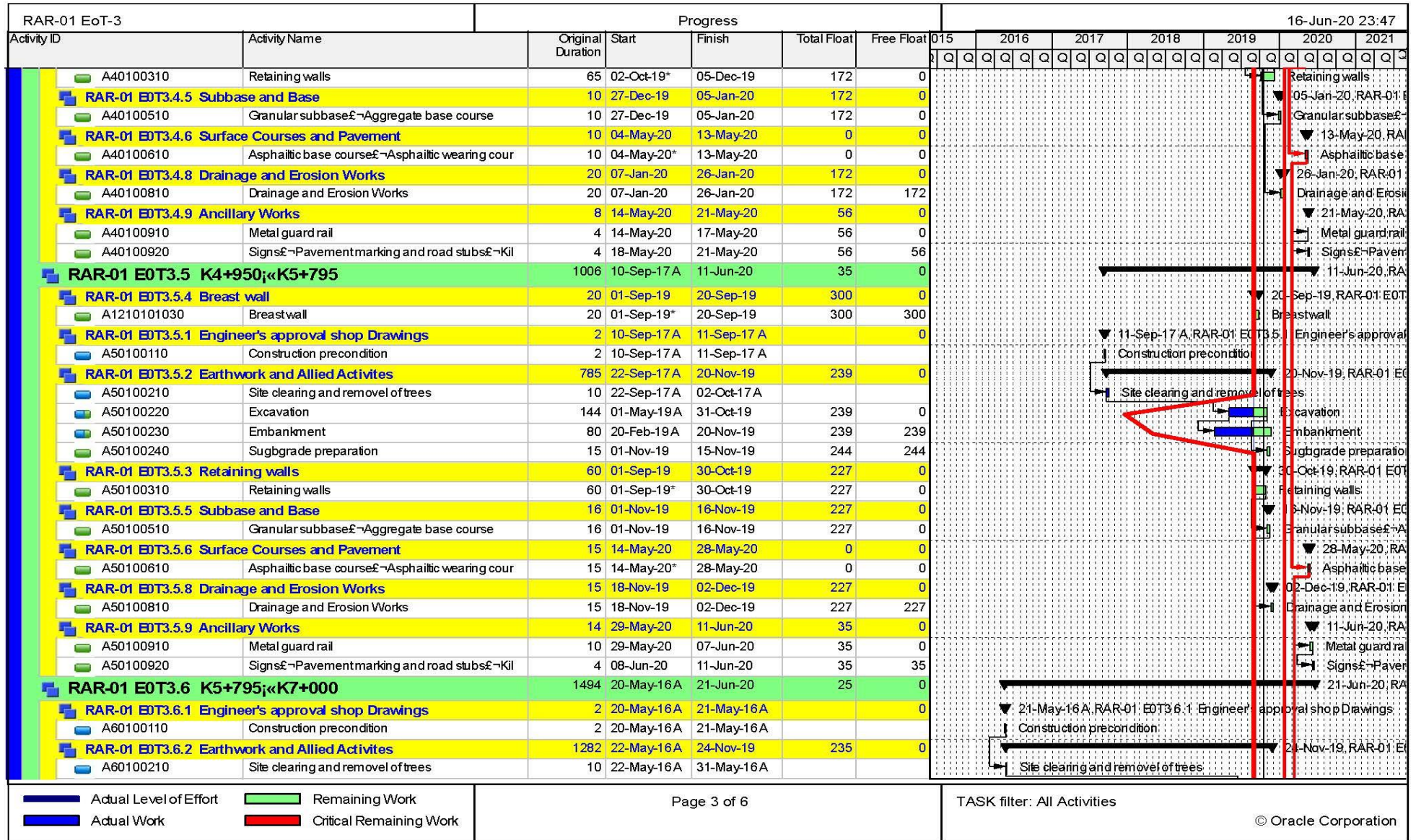
Figure 11: Gantt Chart of Dasu-RAR-01 (1 of 6)

Figure 11 [2/6]



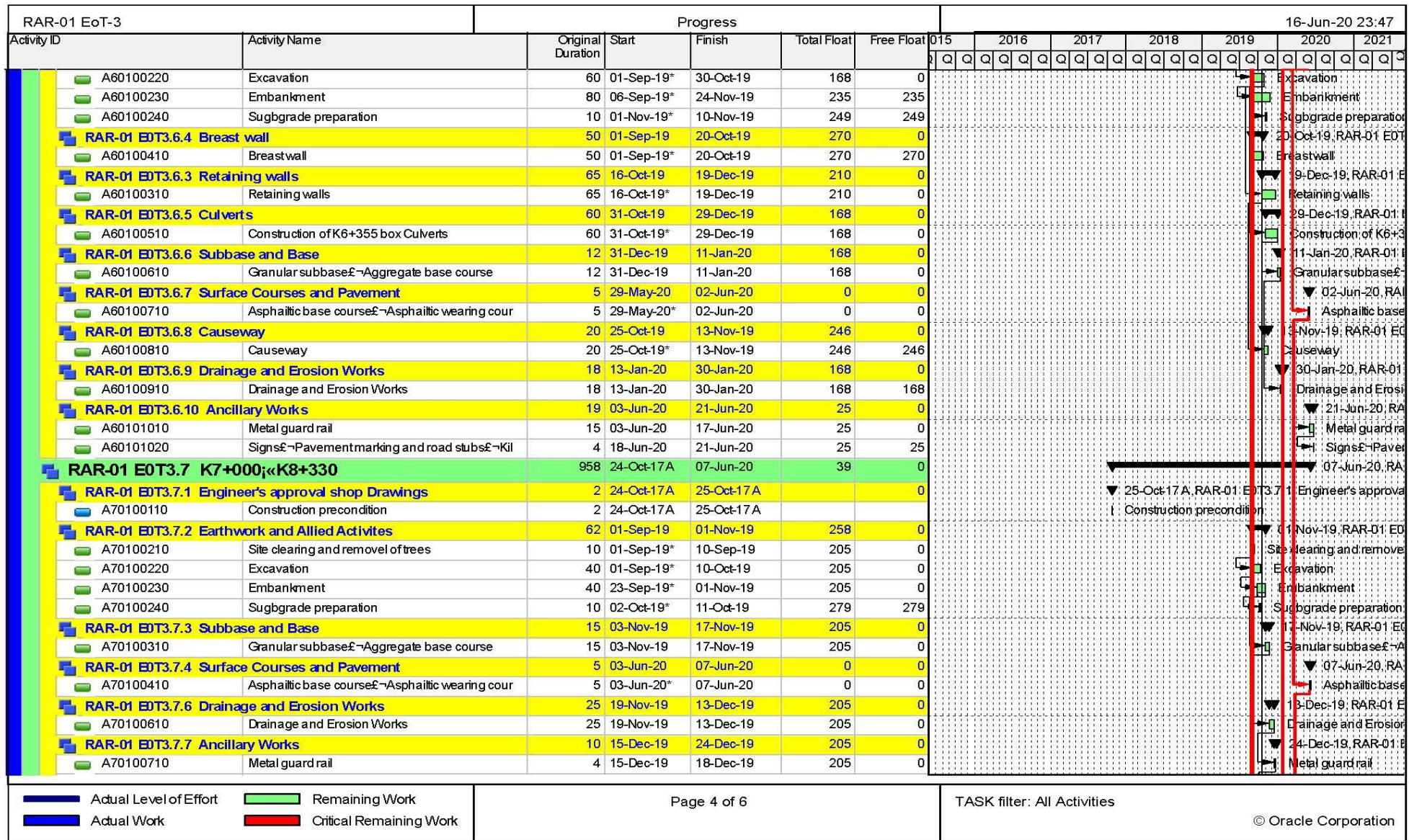
Gantt Chart of Dasu-RAR-01 (2 of 6)

Figure 11 [3/6]



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

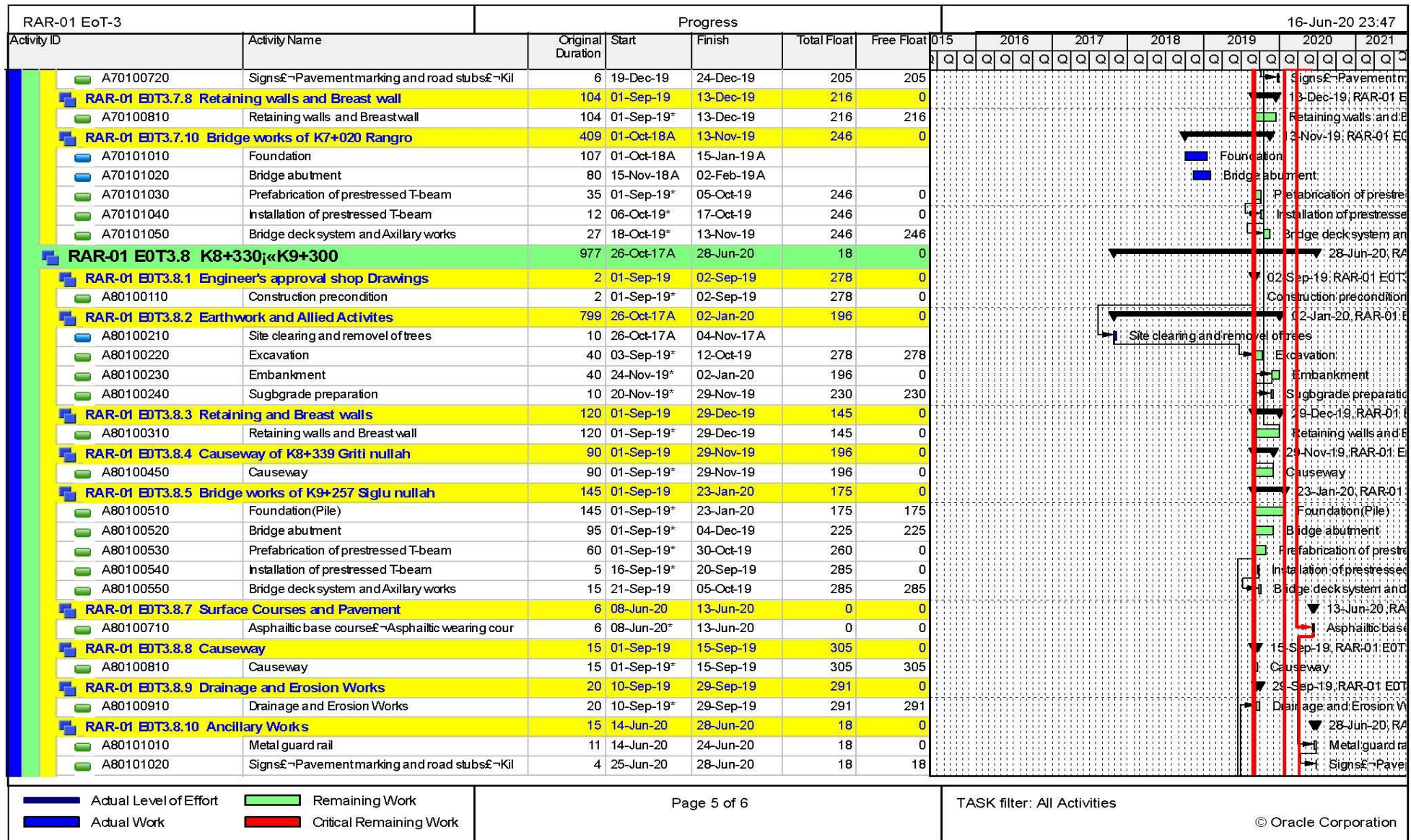
Figure 11 [4/6]



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

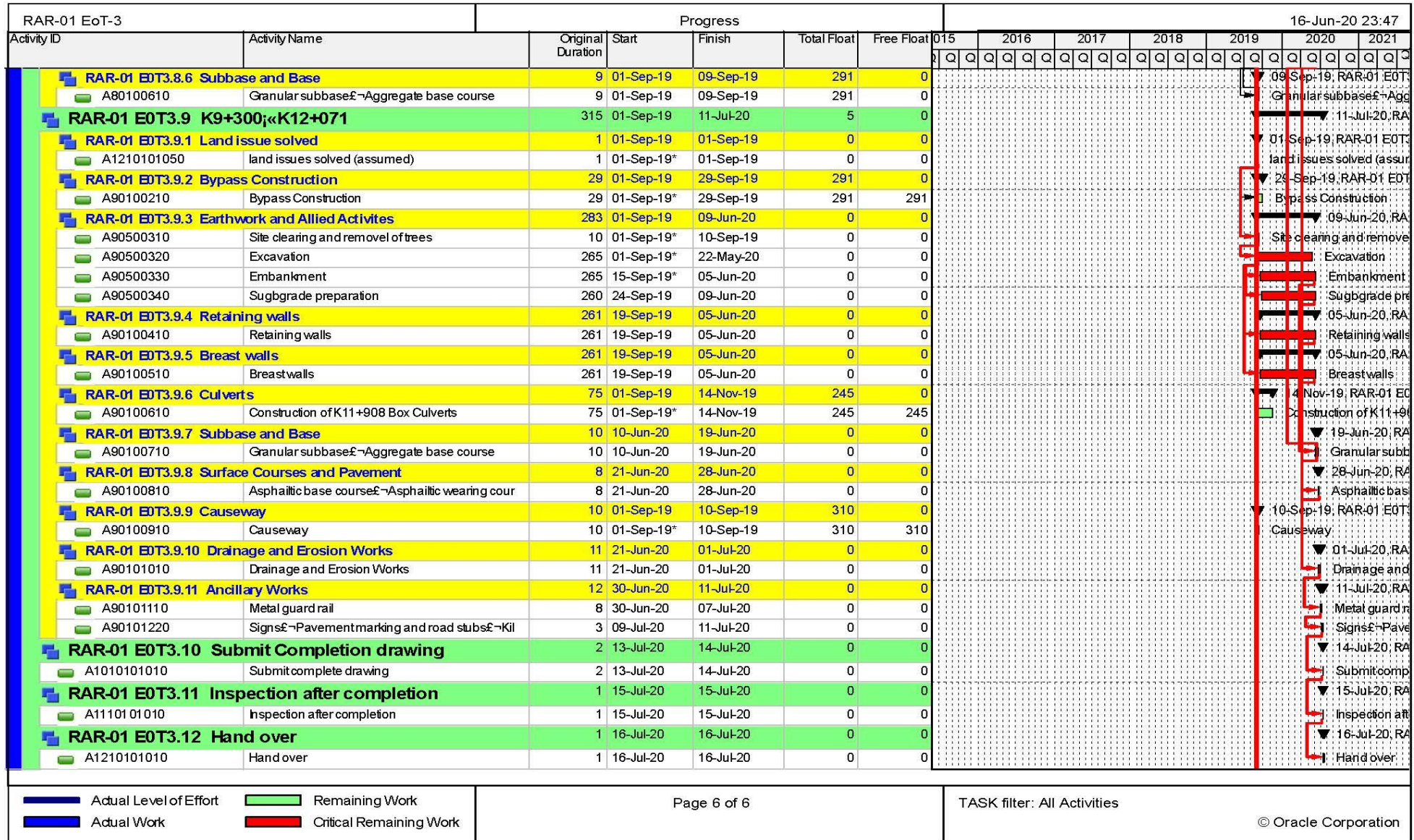
Gantt Chart of Dasu-RAR-01 (4 of 6)

Figure 11 [5/6]



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

Figure 11 [6/6]



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

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

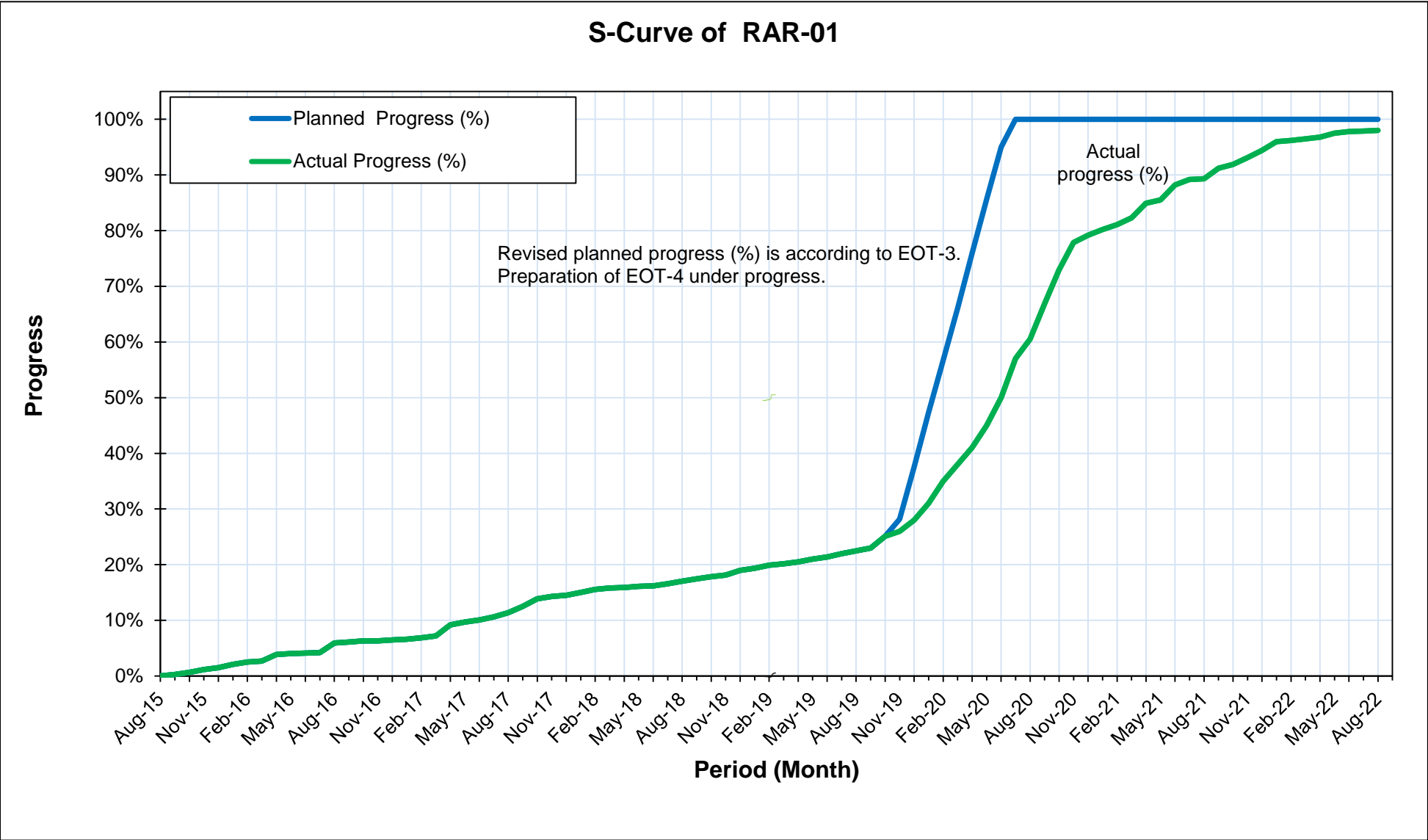


Figure 12: S Curve for Dasu-RAR-01

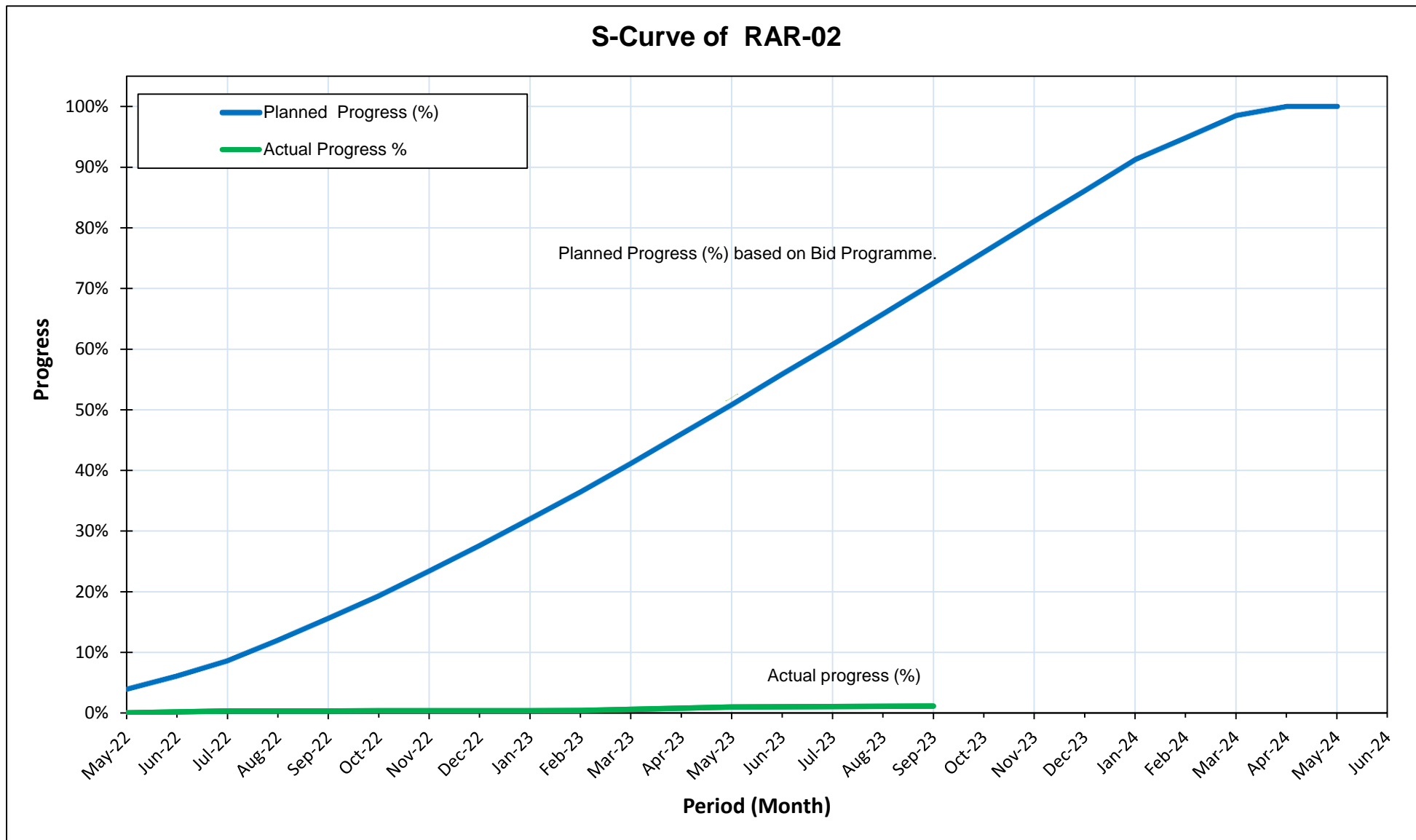
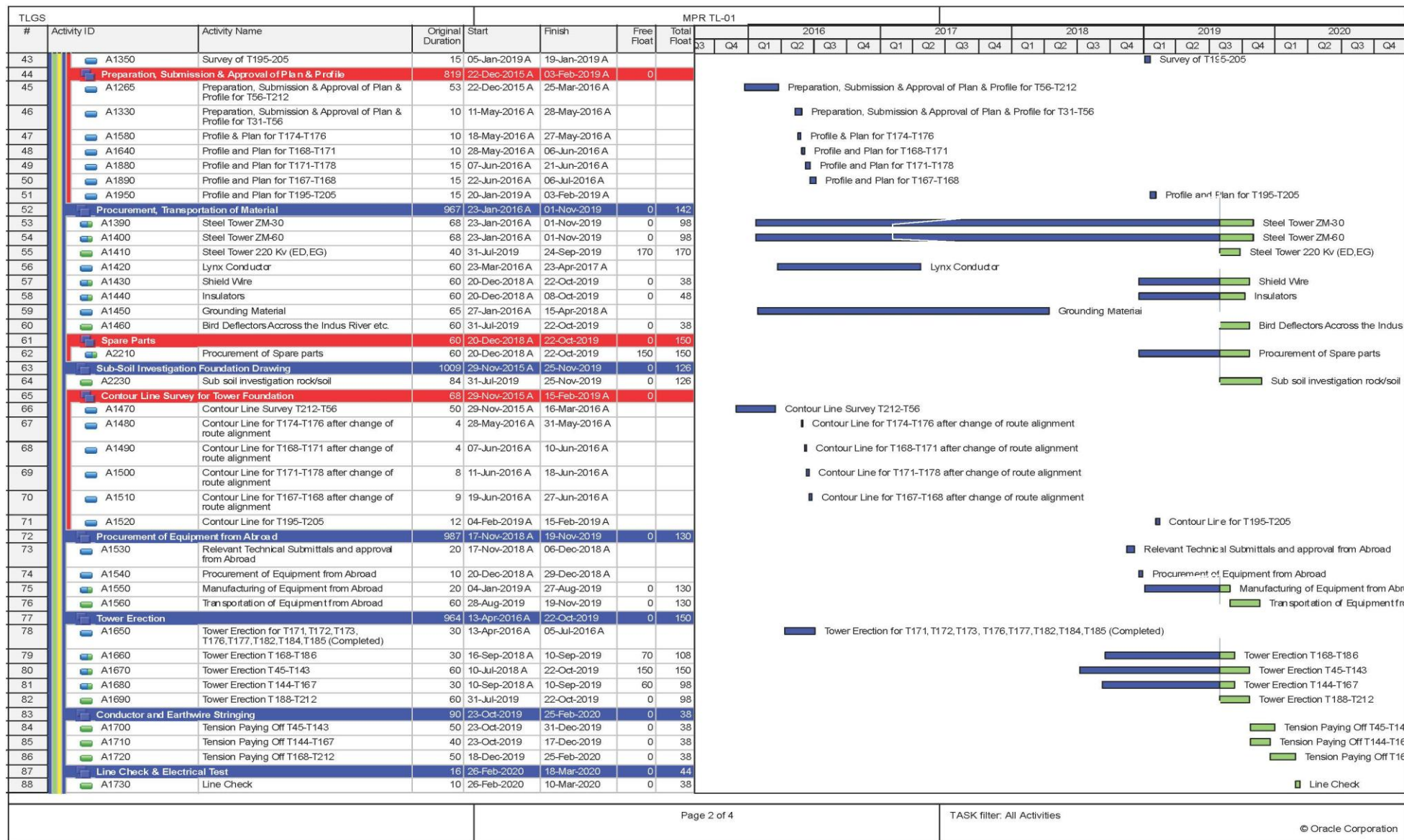


Figure 13: S Curve for Dasu-RAR-02

Figure 14 [2/4]



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

Figure 14 [4/4]

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

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

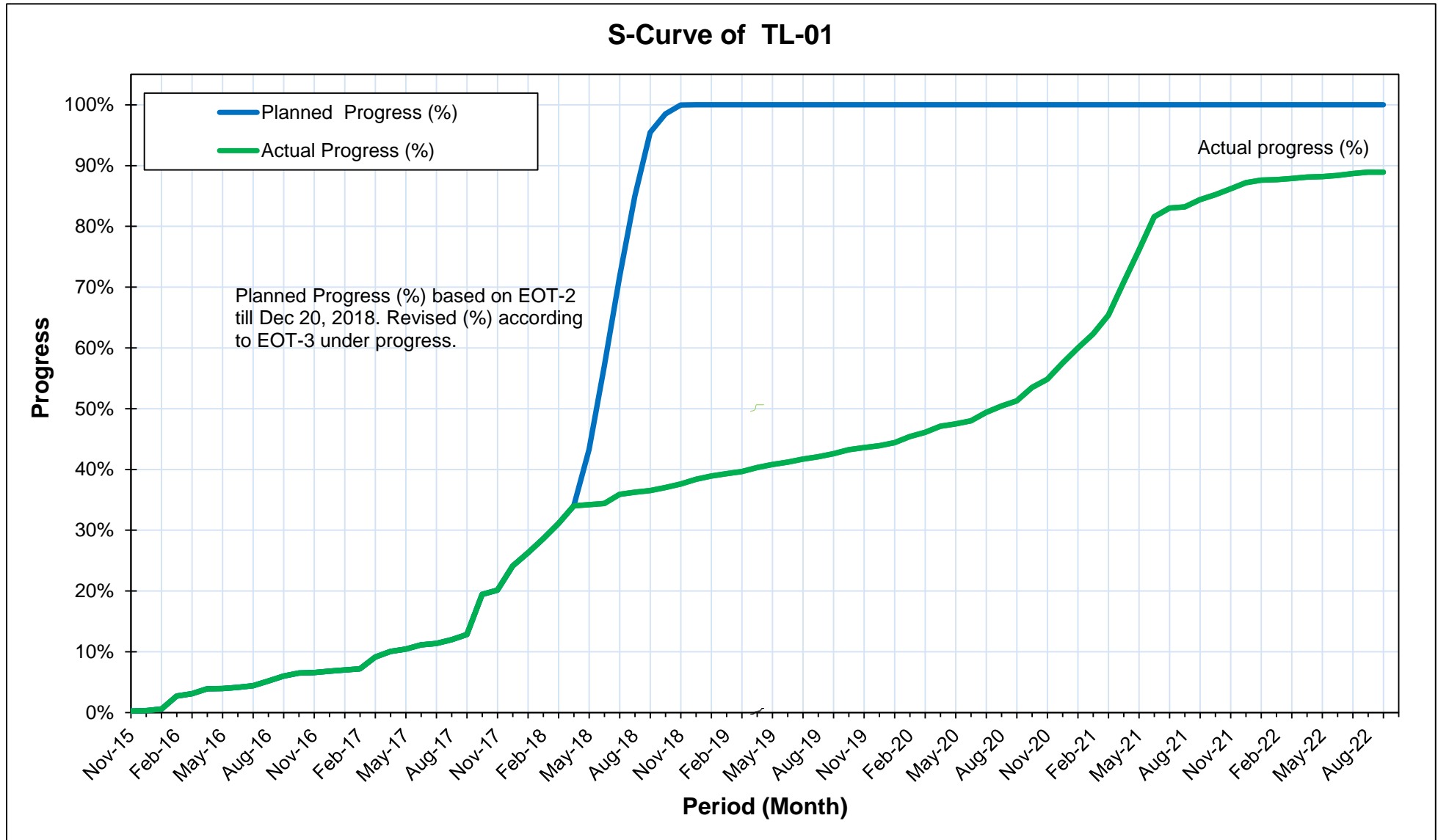


Figure 15: S Curve for Dasu-TL-01

Figure 16 [1/6]

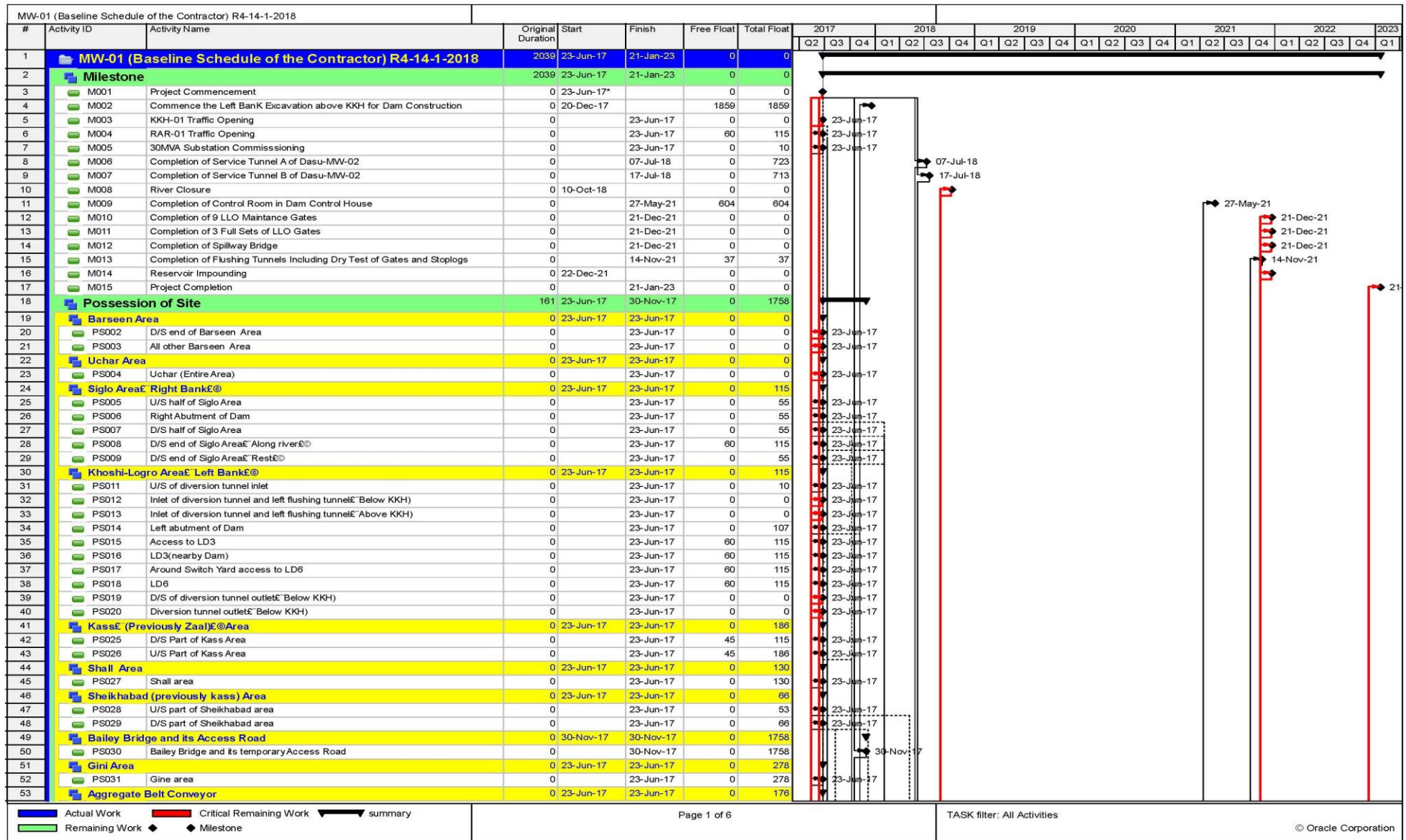
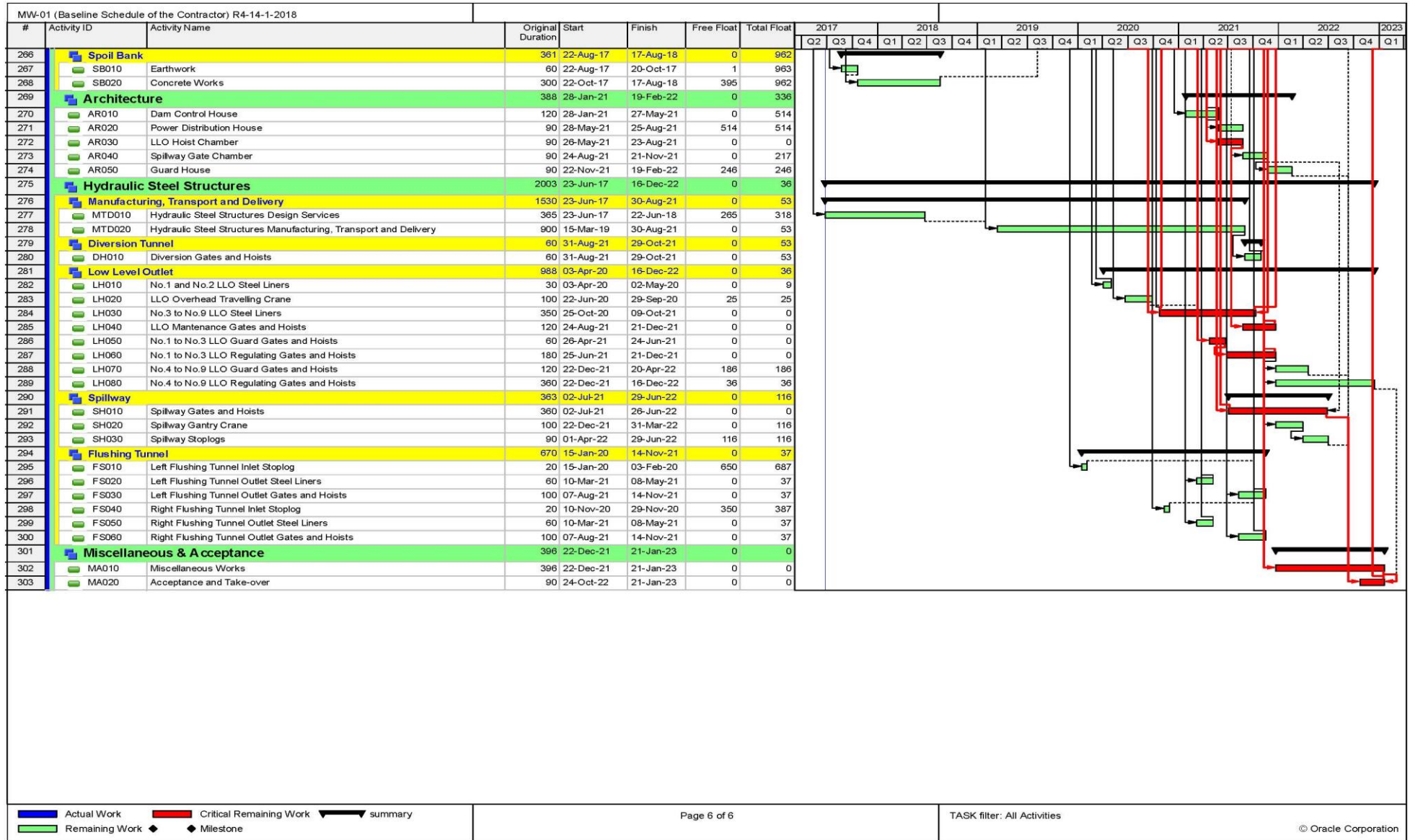


Figure 16: Gantt Chart of Dasu-MW-01 (1 of 6)

Figure 16 [6/6]



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

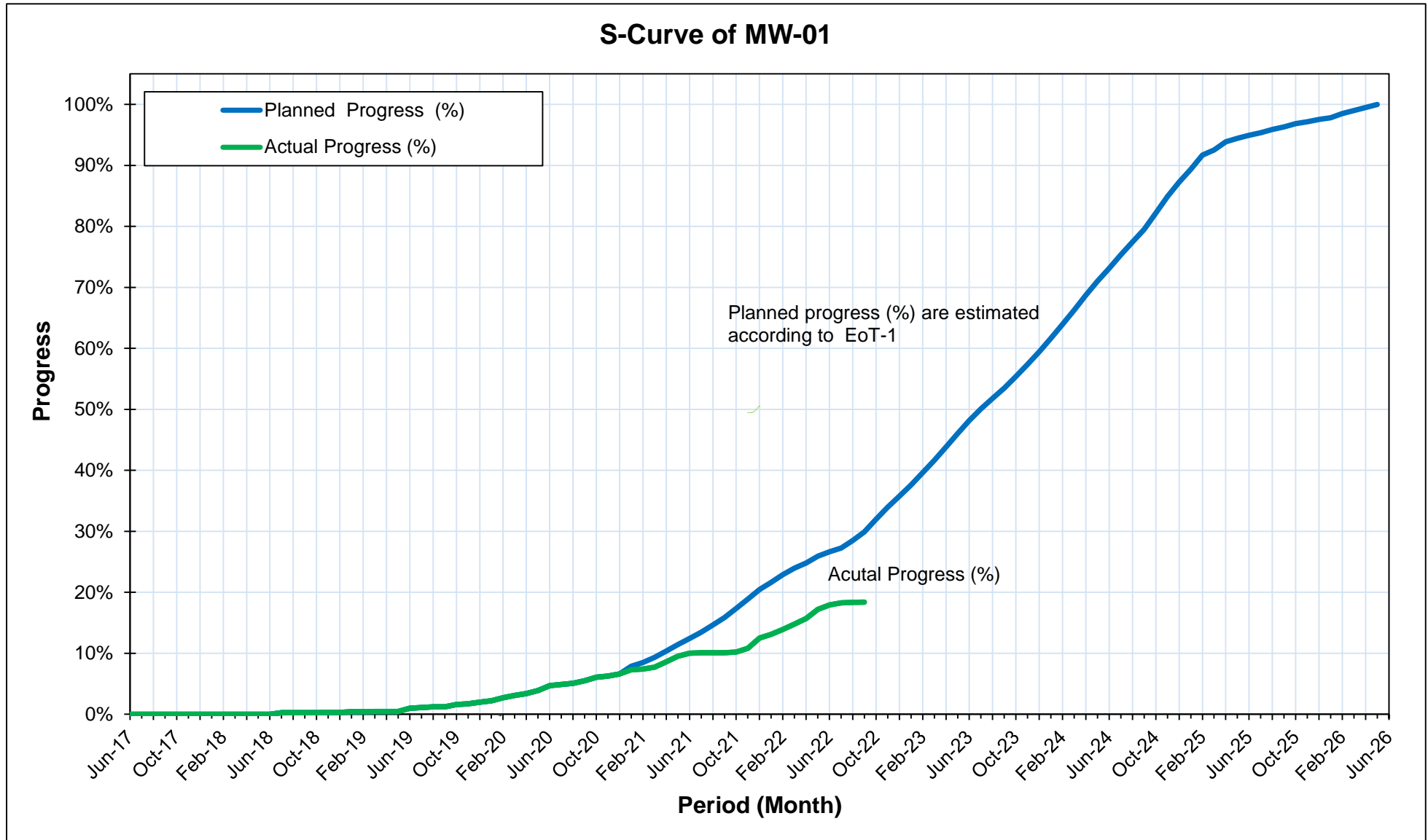


Figure 17: S-Curve for MW-01

Figure 18 [1/8]

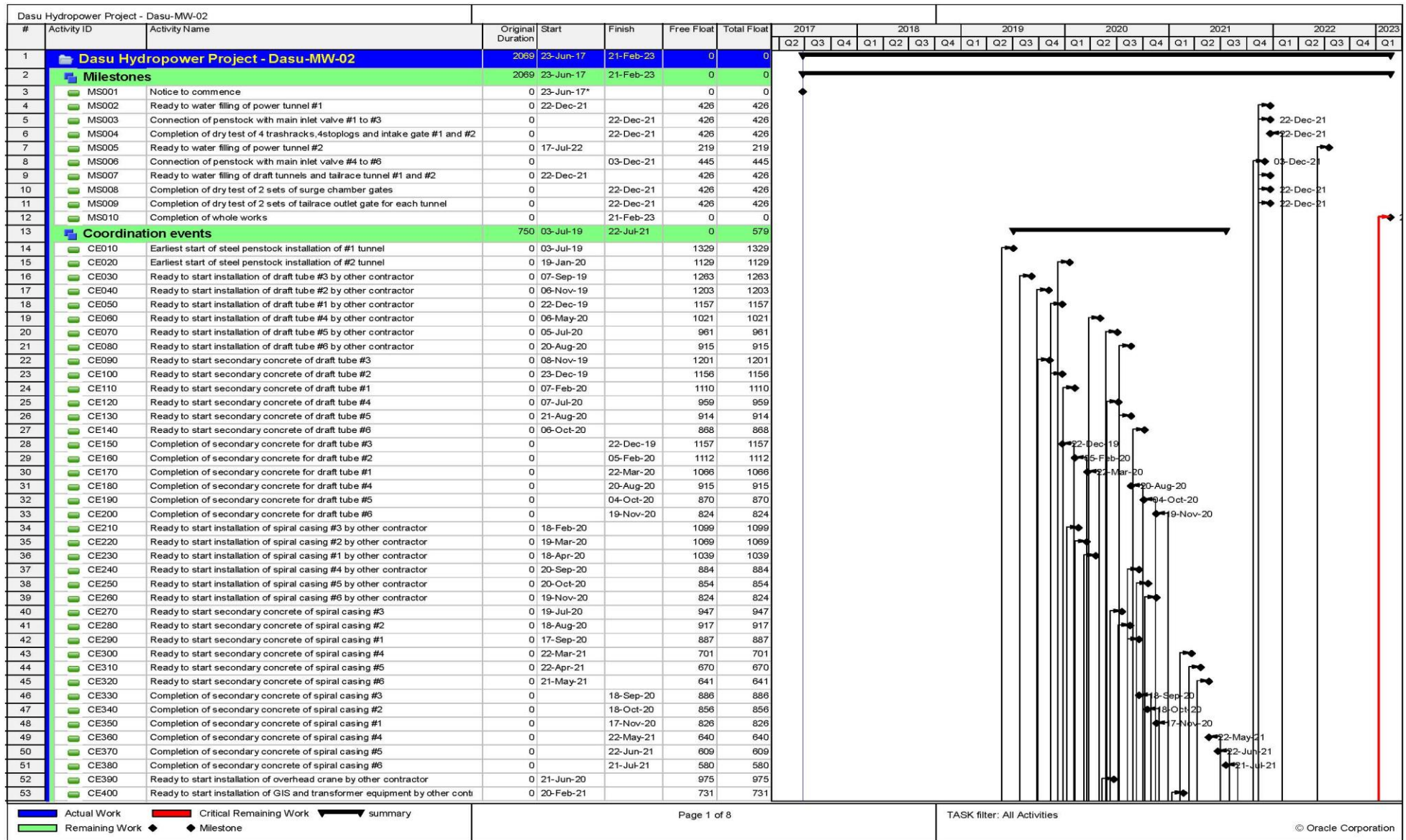
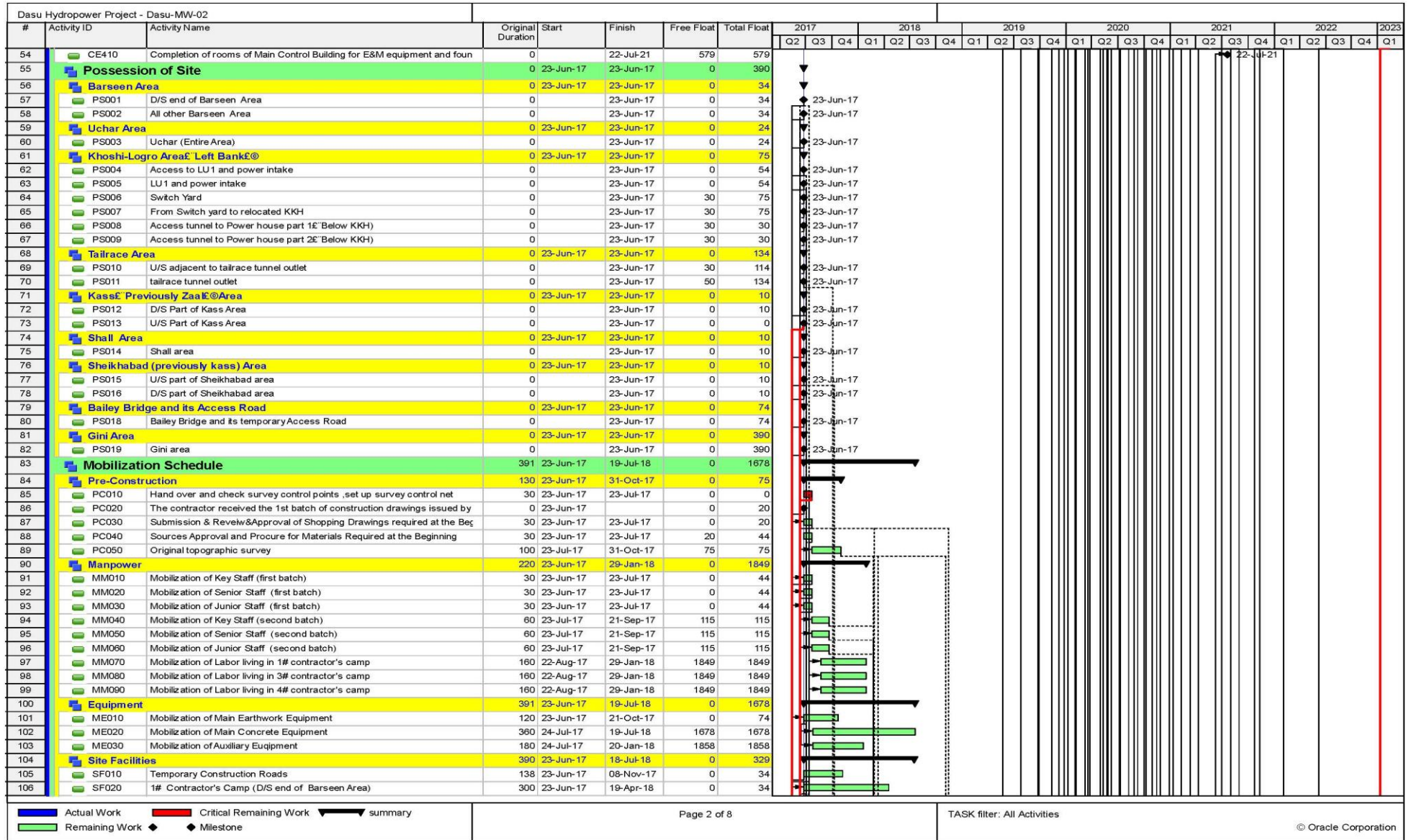


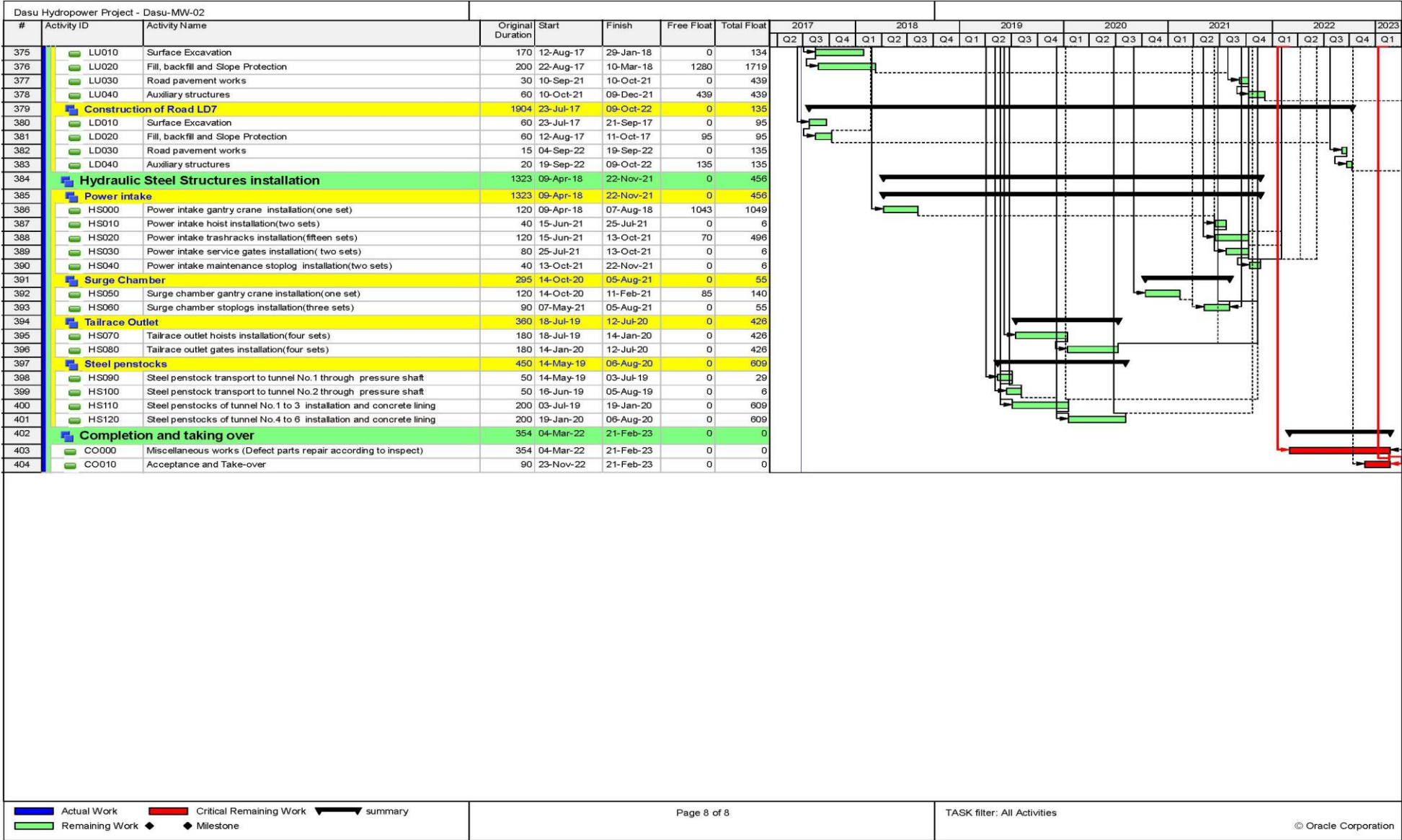
Figure 18: Gantt Chart of Dasu-MW-02 (1 of 8)

Figure 18 [2/8]



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

Figure 18 [8/8]



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

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

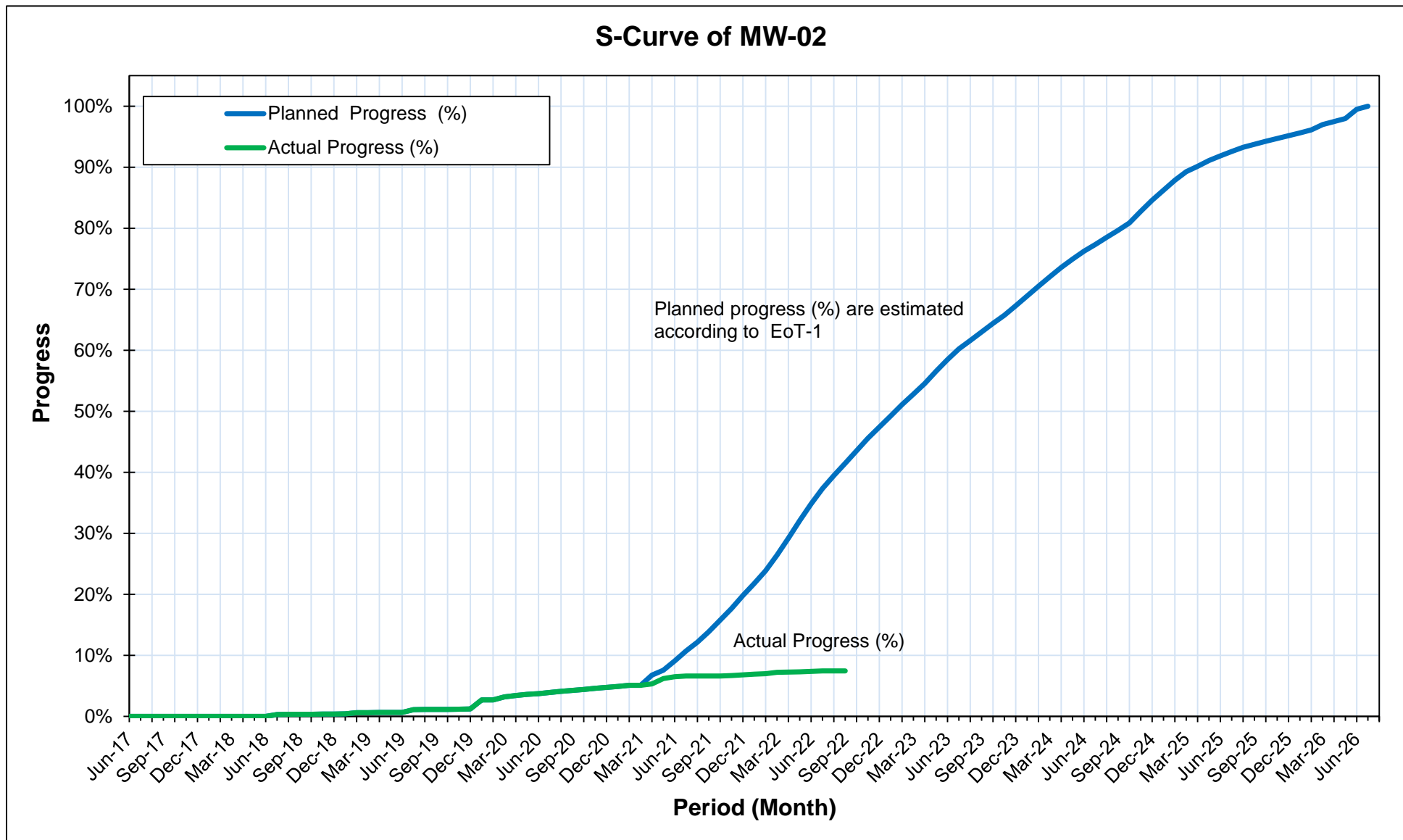


Figure 19: S-Curve for MW-02

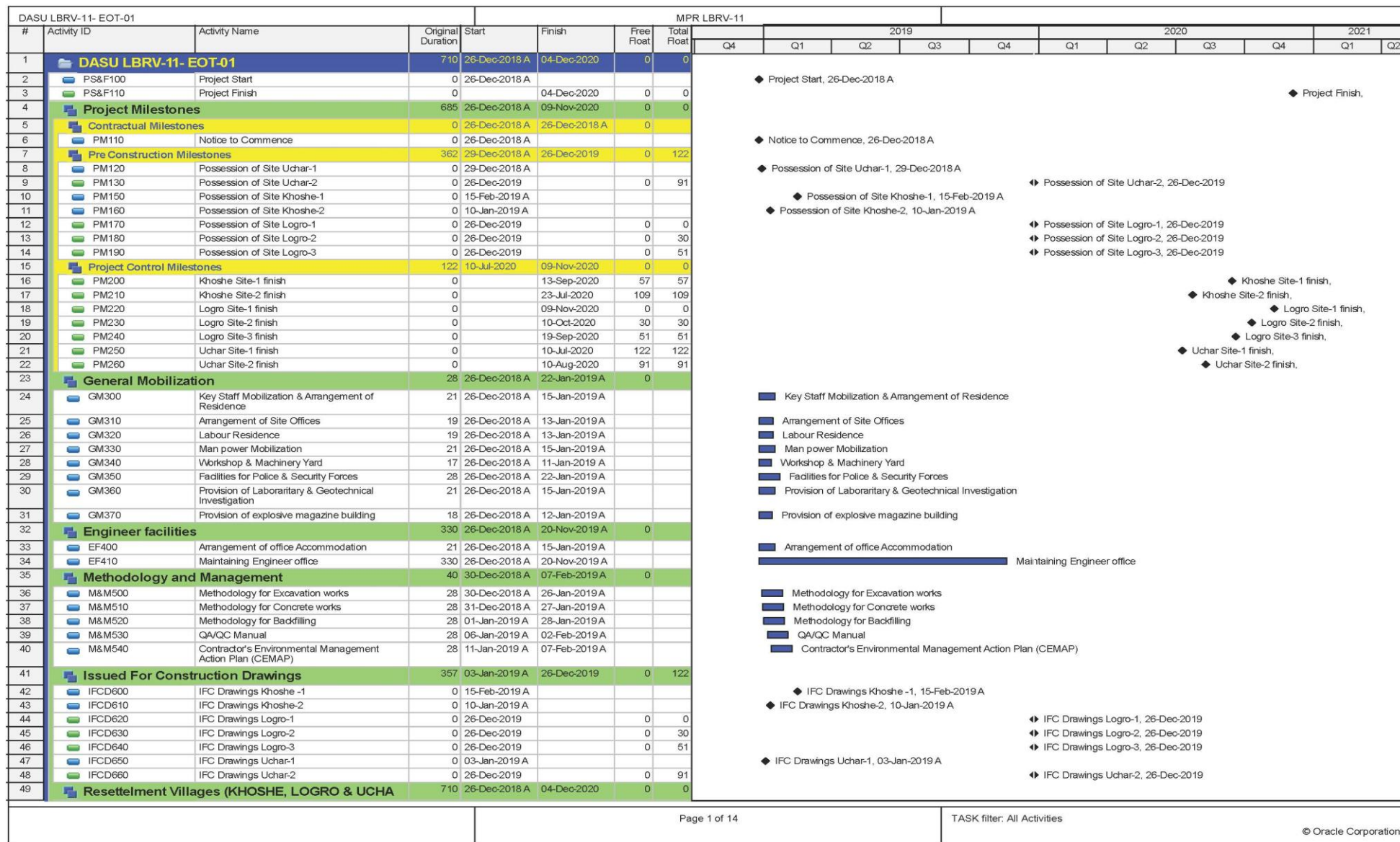
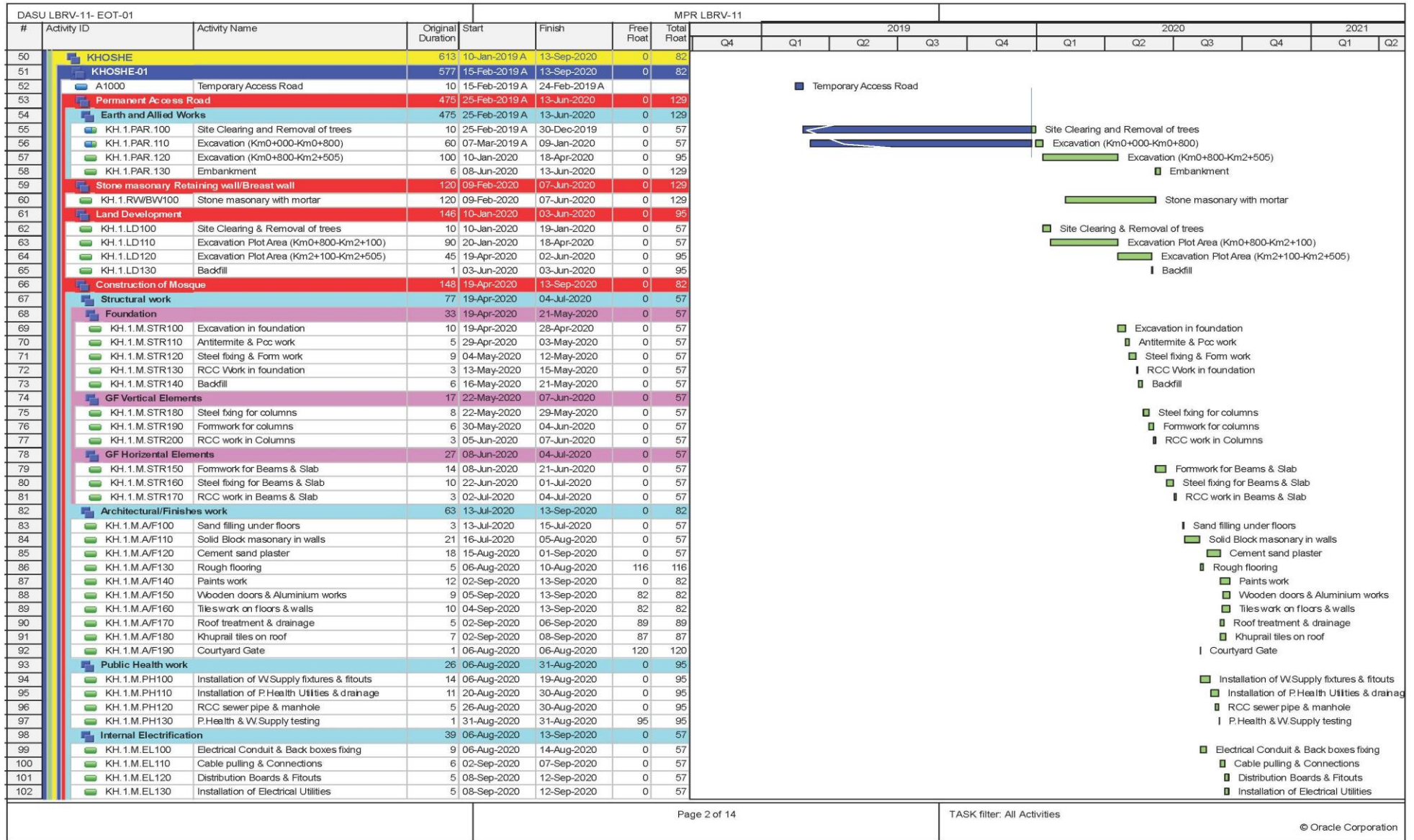


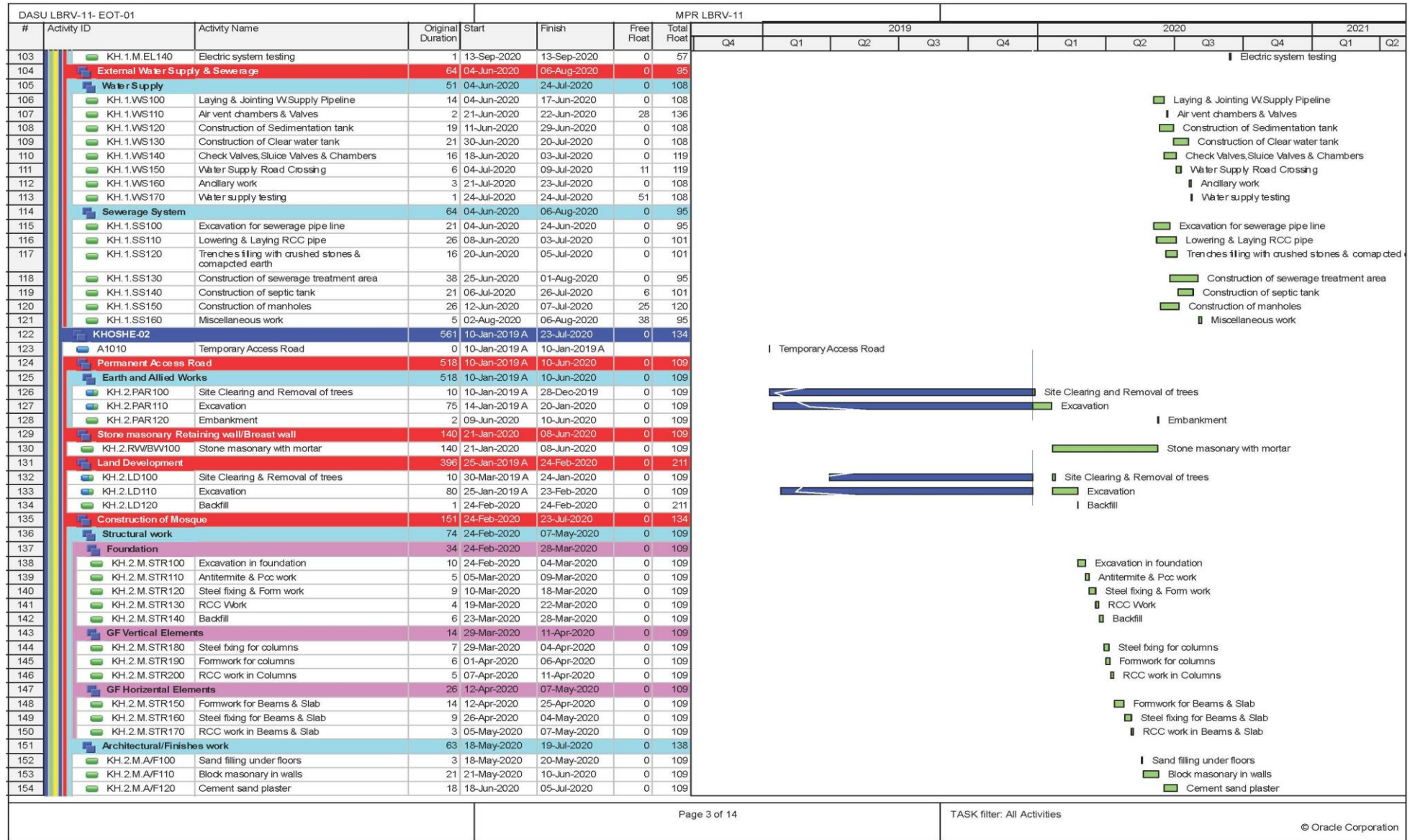
Figure 20: Gantt Chart of Dasu-LBRV-11 (1 of 14)

Figure 20 [2/14]



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

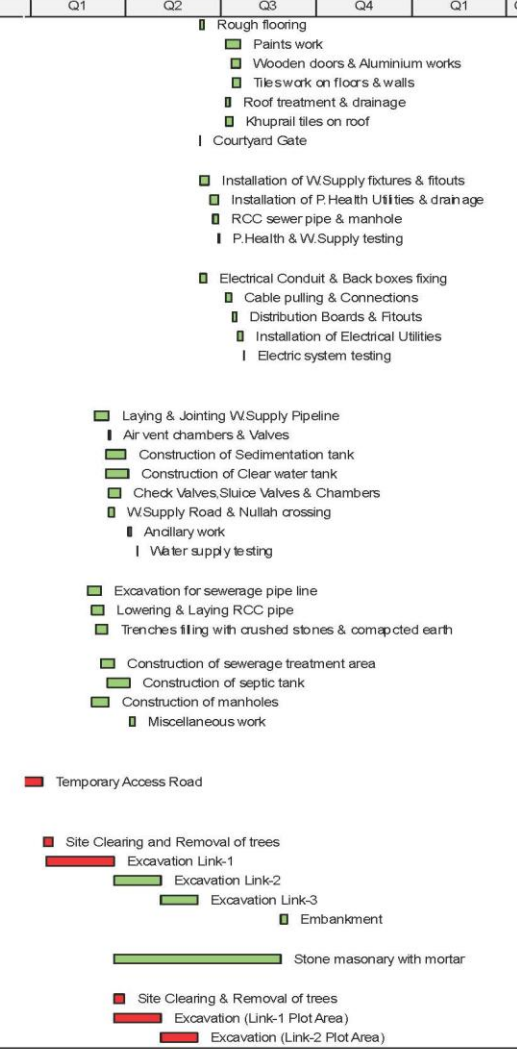
Figure 20 [3/14]



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												



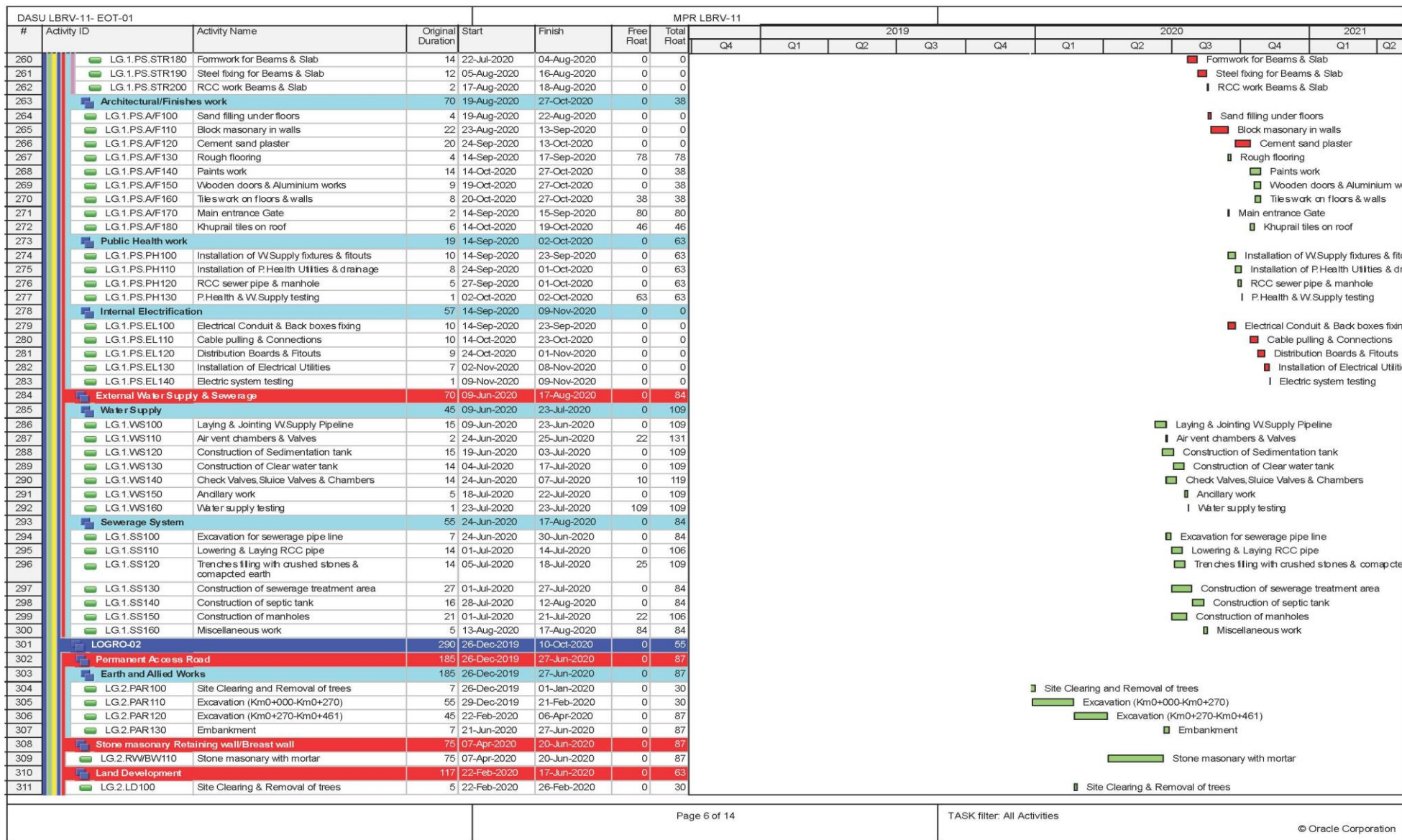
Gantt Chart of Dasu-LBRV-11 (4 of 14)

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														

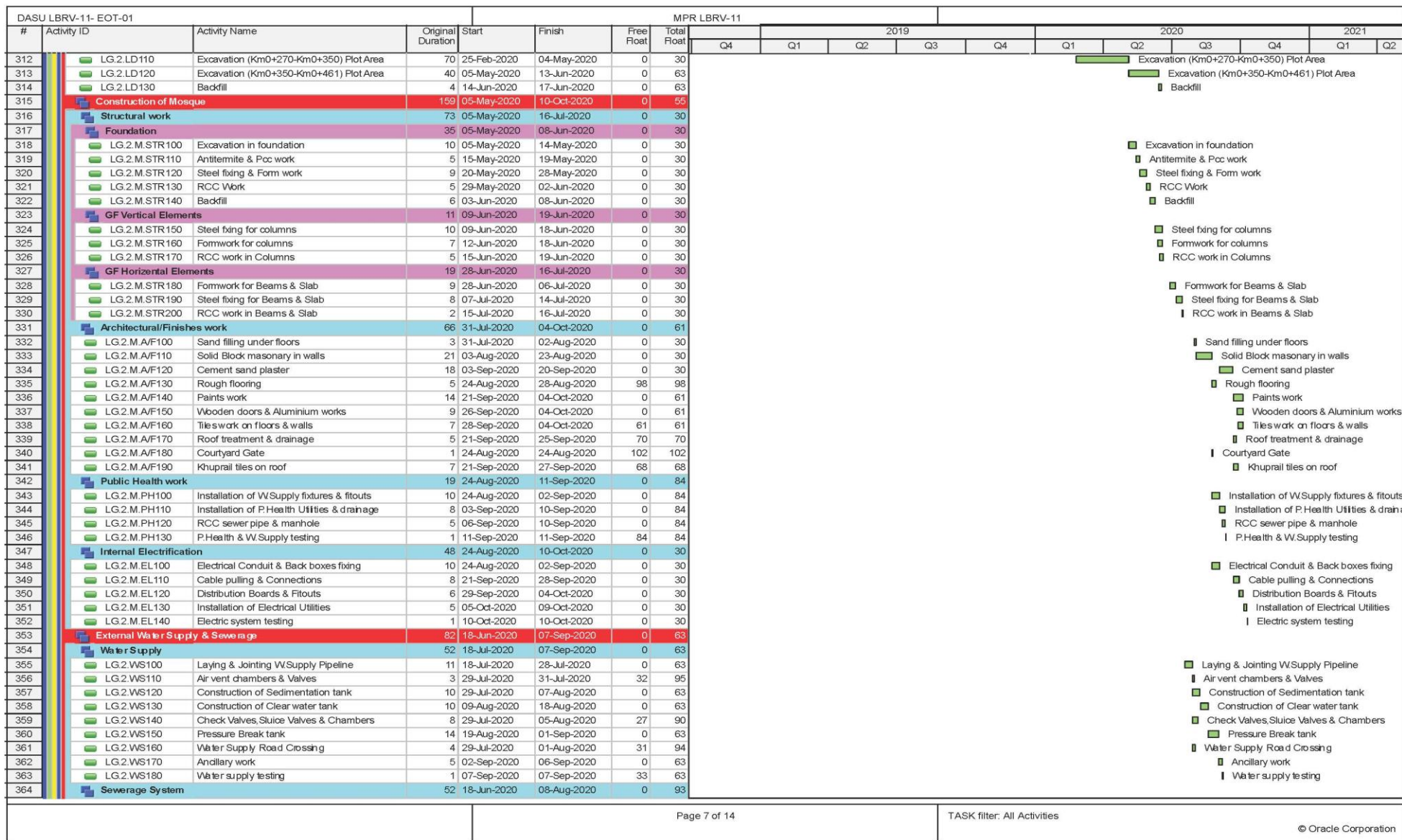
Gantt Chart of Dasu-LBRV-11 (5 of 14)

Figure 20 [6/14]



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

Figure 20 [7/14]



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

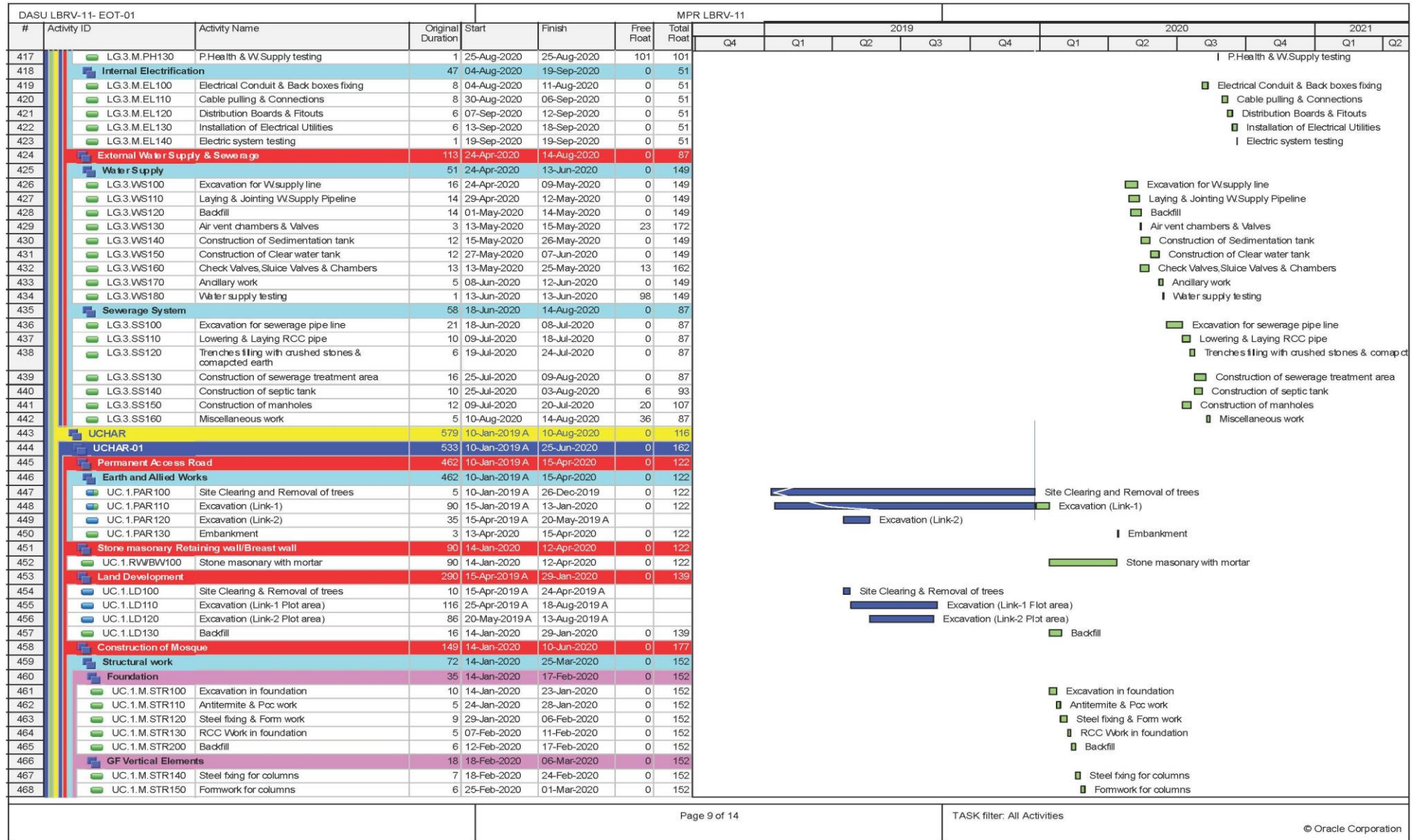
Figure 20 [8/14]

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 P Health Utilities & drainage	7	18-Aug-2020	24-Aug-2020	0	101											
416	LG.3.M.PH120	RCC sewer pipe & manhole	5	20-Aug-2020	24-Aug-2020	0	101											

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

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

Figure 20 [9/14]



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

Figure 20 [10/14]

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

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

Figure 20 [11/14]

DASU LBRV-11- EOT-01				MPR LBRV-11														
#	Activity ID	Activity Name	Original Duration	Start	Finish	Free Float	Total Float	2019				2020				2021		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
522	Public Health work		23	03-May-2020	25-May-2020	0	193											
523	UC. 1.HS.PH100	Installation of WSupply fixtures & fitouts	10	03-May-2020	12-May-2020	0	193											
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.EL100	Electrical Conduit & Back boxes fixing	10	19-May-2020	28-May-2020	0	139											
573	UC. 1.PP.EL110	Cable pulling & Connections	7	10-Jun-2020	16-Jun-2020	0	139											
574	UC. 1.PP.EL120	Distribution Boards & Fitouts	6	17-Jun-2020	22-Jun-2020	0	139											

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

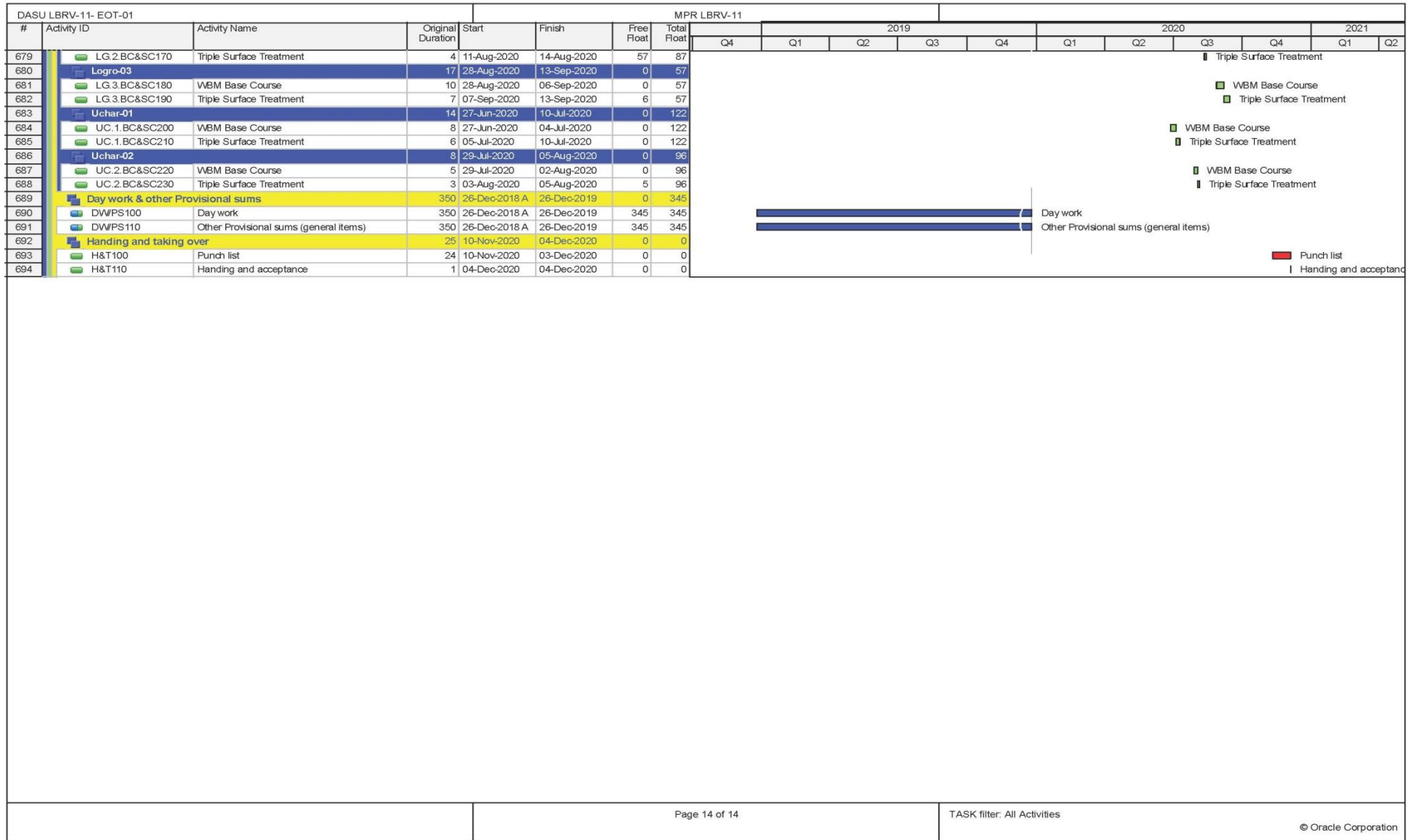
Figure 20 [12/14]

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			
575	UC.1.PP.EL.130	Installation of Electrical Utilities	5	18-Jun-2020	22-Jun-2020	0	139														
576	UC.1.PP.EL.140	Electric system testing	1	23-Jun-2020	23-Jun-2020	17	139														
577	External Water Supply & Sewerage		72	30-Jan-2020	10-Apr-2020	0	238														
578	Water Supply		48	30-Jan-2020	17-Mar-2020	0	262														
579	UC.1.WS100	Excavation for Wsupply line	12	30-Jan-2020	10-Feb-2020	0	237														
580	UC.1.WS110	Laying & Jointing WSupply Pipeline	16	05-Feb-2020	20-Feb-2020	0	237														
581	UC.1.WS120	Backfill	17	09-Feb-2020	25-Feb-2020	283	283														
582	UC.1.WS130	Air vent chambers & Valves	3	05-Feb-2020	07-Feb-2020	33	270														
583	UC.1.WS140	Check Valves,Sluice Valves & Chambers	14	05-Feb-2020	18-Feb-2020	22	259														
584	UC.1.WS150	Construction of Sedimentation tank	12	05-Feb-2020	16-Feb-2020	0	237														
585	UC.1.WS160	Construction of Clear water tank	12	17-Feb-2020	28-Feb-2020	0	237														
586	UC.1.WS170	Pressure Break tank	12	29-Feb-2020	11-Mar-2020	0	237														
587	UC.1.WS180	Road & Nullah crossing	6	11-Feb-2020	16-Feb-2020	24	261														
588	UC.1.WS190	Ancillary work	5	12-Mar-2020	16-Mar-2020	0	237														
589	UC.1.WS200	Water supply testing	1	17-Mar-2020	17-Mar-2020	115	237														
590	Sewerage System		47	24-Feb-2020	10-Apr-2020	0	238														
591	UC.1.SS100	Excavation for sewerage pipe line	21	24-Feb-2020	15-Mar-2020	0	213														
592	UC.1.SS110	Lowering & Laying RCC pipe	12	07-Mar-2020	18-Mar-2020	0	213														
593	UC.1.SS120	Trenches filling with crushed stones & compacted earth	12	11-Mar-2020	22-Mar-2020	0	213														
594	UC.1.SS130	Construction of sewerage treatment area	17	16-Mar-2020	01-Apr-2020	247	247														
595	UC.1.SS140	Construction of septic tank	14	23-Mar-2020	05-Apr-2020	0	213														
596	UC.1.SS150	Construction of manholes	13	07-Mar-2020	19-Mar-2020	17	230														
597	UC.1.SS160	Miscellaneous work	5	06-Apr-2020	10-Apr-2020	91	213														
598	UCHAR-02		229	26-Dec-2019	10-Aug-2020	0	116														
599	Permanent Access Road		99	26-Dec-2019	02-Apr-2020	0	96														
600	Earth and Allied Works		99	26-Dec-2019	02-Apr-2020	0	96														
601	UC.2.PAR100	Site Clearing and Removal of trees	5	26-Dec-2019	30-Dec-2019	0	91														
602	UC.2.PAR110	Excavation	40	29-Dec-2019	06-Feb-2020	0	91														
603	UC.2.PAR120	Embankment	6	28-Mar-2020	02-Apr-2020	0	96														
604	Stone masonry Retaining wall/Breast wall		50	07-Feb-2020	27-Mar-2020	0	96														
605	UC.2.RV/BW100	Stone masonry with mortar	50	07-Feb-2020	27-Mar-2020	0	96														
606	Land Development		36	07-Feb-2020	13-Mar-2020	0	91														
607	UC.2.LD100	Site Clearing & Removal of trees	5	07-Feb-2020	11-Feb-2020	0	91														
608	UC.2.LD110	Excavation	30	10-Feb-2020	10-Mar-2020	0	91														
609	UC.2.LD120	Backfill	3	11-Mar-2020	13-Mar-2020	0	91														
610	Construction of Mosque		150	14-Mar-2020	10-Aug-2020	0	116														
611	Structural work		72	14-Mar-2020	24-May-2020	0	91														
612	Foundation		35	14-Mar-2020	17-Apr-2020	0	91														
613	UC.2.M.STR100	Excavation in foundation	10	14-Mar-2020	23-Mar-2020	0	91														
614	UC.2.M.STR110	Antitermite & Pcc work	5	24-Mar-2020	28-Mar-2020	0	91														
615	UC.2.M.STR120	Steel fixing & Form work	9	29-Mar-2020	06-Apr-2020	0	91														
616	UC.2.M.STR130	RCC Work in foundation	5	07-Apr-2020	11-Apr-2020	0	91														
617	UC.2.M.STR200	Backfill	6	12-Apr-2020	17-Apr-2020	0	91														
618	GF Vertical Elements		18	18-Apr-2020	05-May-2020	0	91														
619	UC.2.M.STR140	Steel fixing for columns	7	18-Apr-2020	24-Apr-2020	0	91														
620	UC.2.M.STR150	Formwork for columns	6	25-Apr-2020	30-Apr-2020	0	91														
621	UC.2.M.STR160	RCC work in Columns	5	01-May-2020	05-May-2020	0	91														
622	GF Horizontal Elements		19	06-May-2020	24-May-2020	0	91														
623	UC.2.M.STR170	Formwork for Beams & Slab	9	06-May-2020	14-May-2020	0	91														
624	UC.2.M.STR180	Steel fixing for Beams & Slab	7	15-May-2020	21-May-2020	0	91														
625	UC.2.M.STR190	RCC work in Beams & Columns	3	22-May-2020	24-May-2020	0	91														
626	Architectural/Finishes work		64	04-Jun-2020	06-Aug-2020	0	120														

- 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
- Pressure Break tank
- 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
- Site Clearing and Removal of trees
- Excavation
- Embankment
- Stone masonry with mortar
- Site Clearing & Removal of trees
- Excavation
- Backfill
- Excavation in foundation
- Antitermite & Pcc work
- Steel fixing & Form work
- RCC Work in foundation
- Backfill
- Steel fixing for columns
- Formwork for columns
- RCC work in Columns
- Formwork for Beams & Slab
- Steel fixing for Beams & Slab
- RCC work in Beams & Columns

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

Figure 20 [14/14]



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

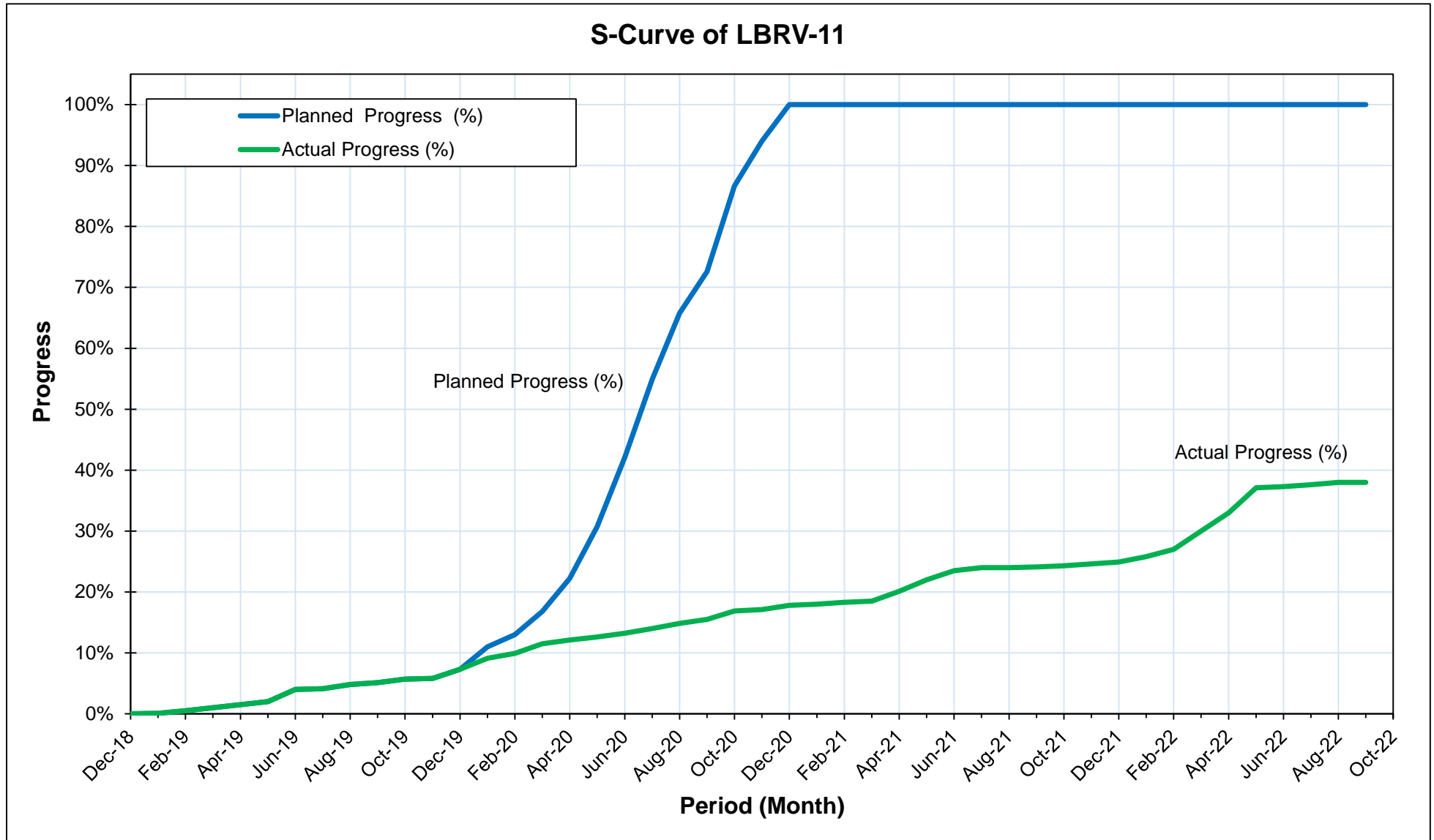


Figure 21: S-Curve for LBRV-11

Figure 22 [1/10]

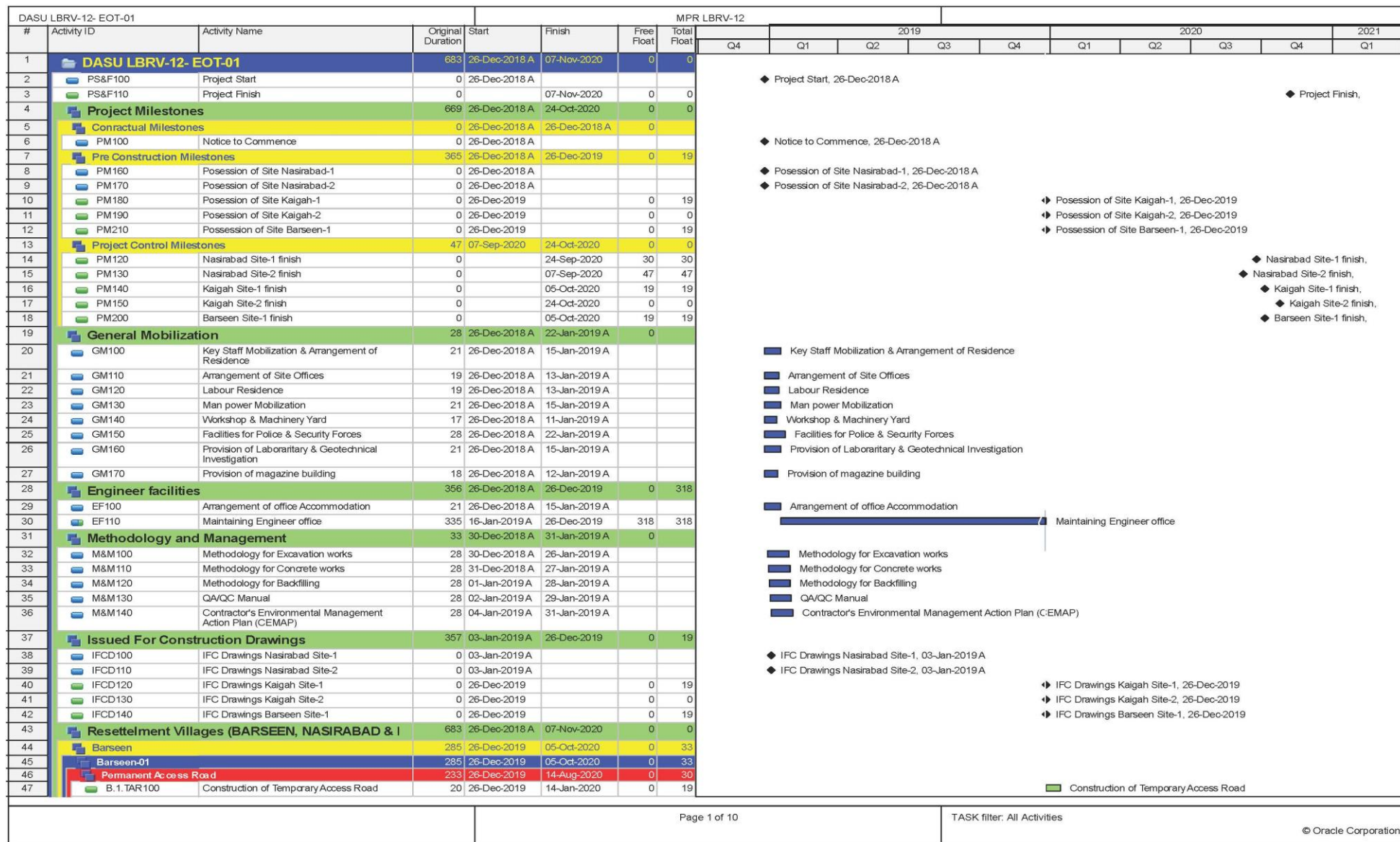
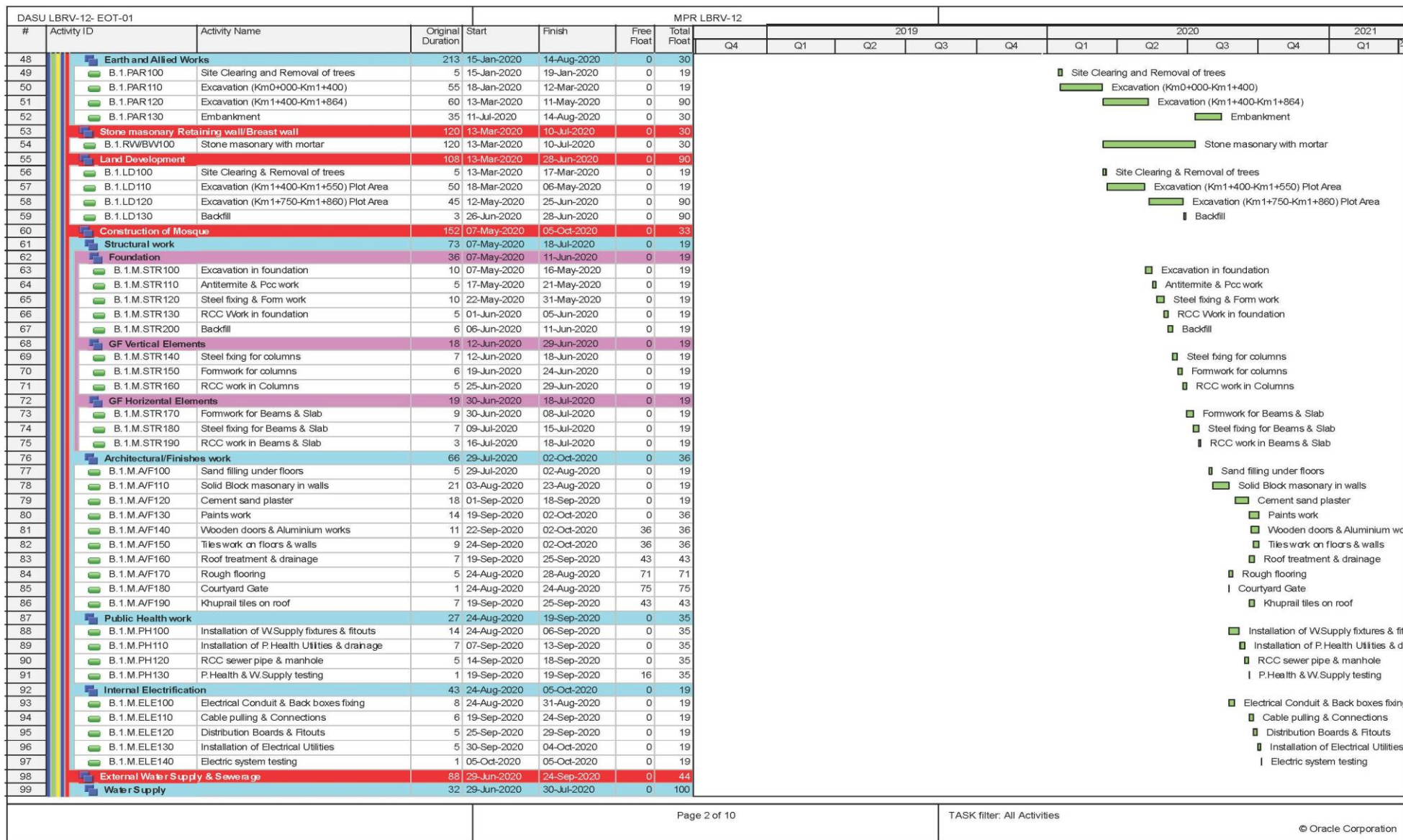


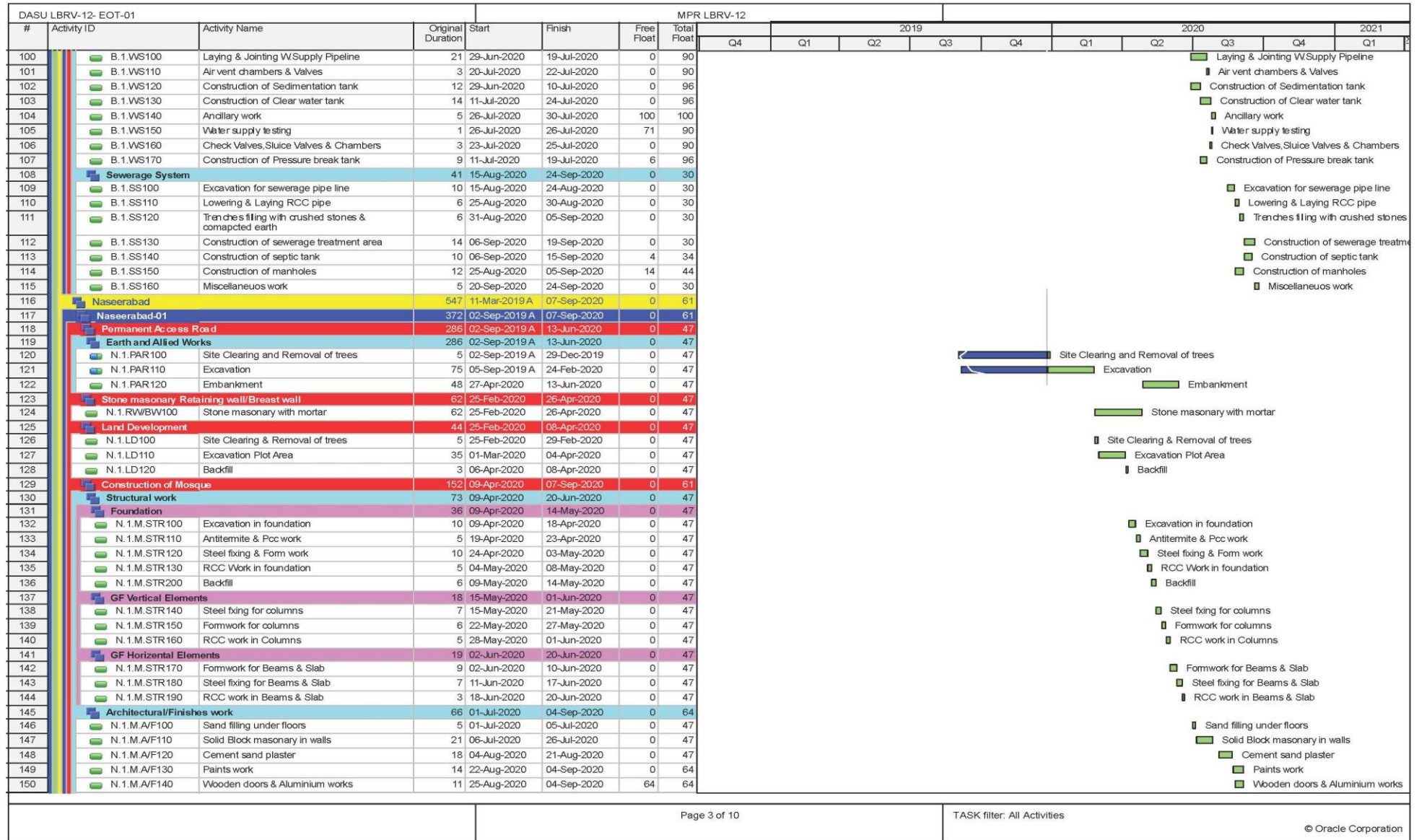
Figure 22: Gantt Chart of Dasu-LBRV-12 (1 of 10)

Figure 22 [2/10]



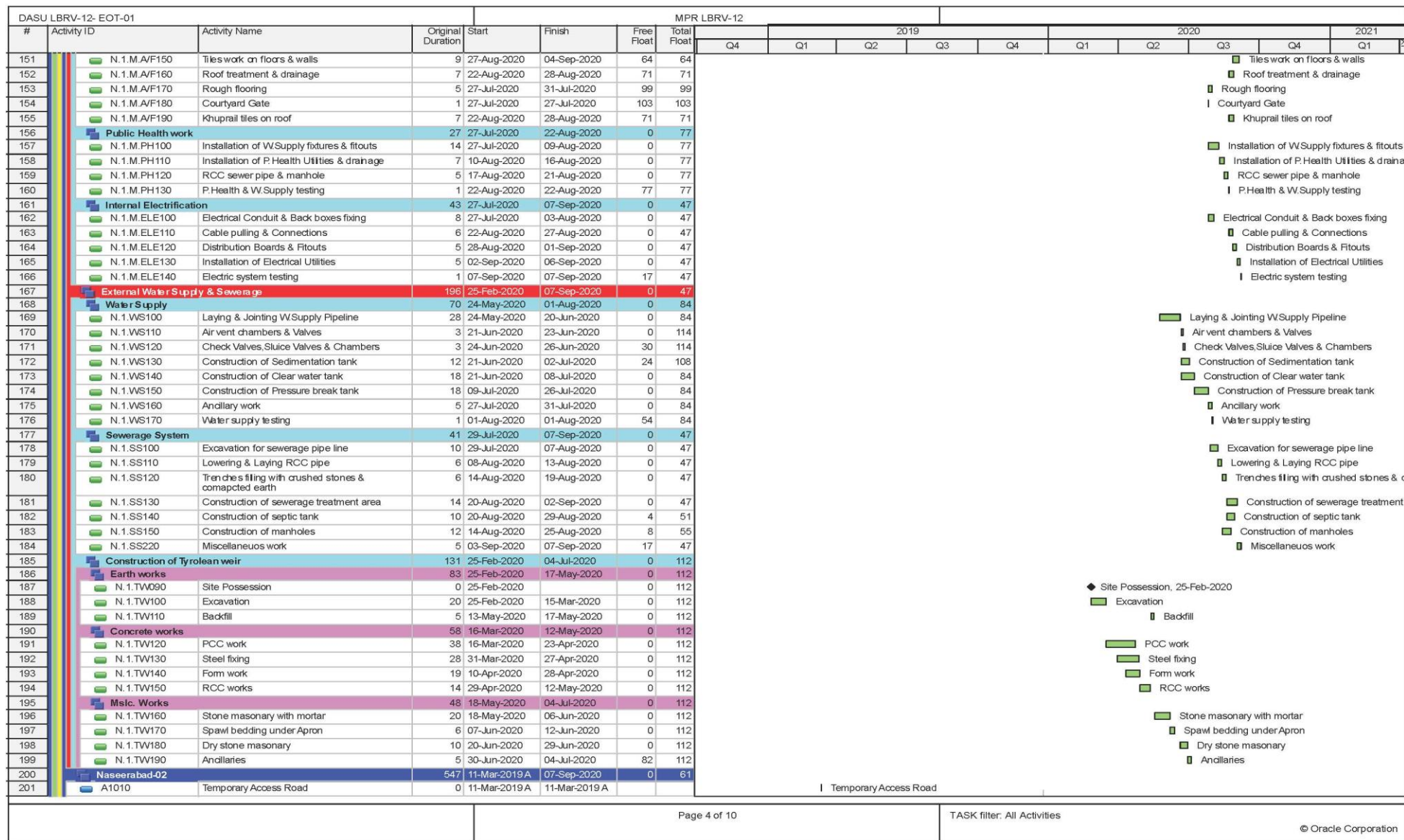
Gantt Chart of Dasu-LBRV-12 (2 of 10)

Figure 22 [3/10]



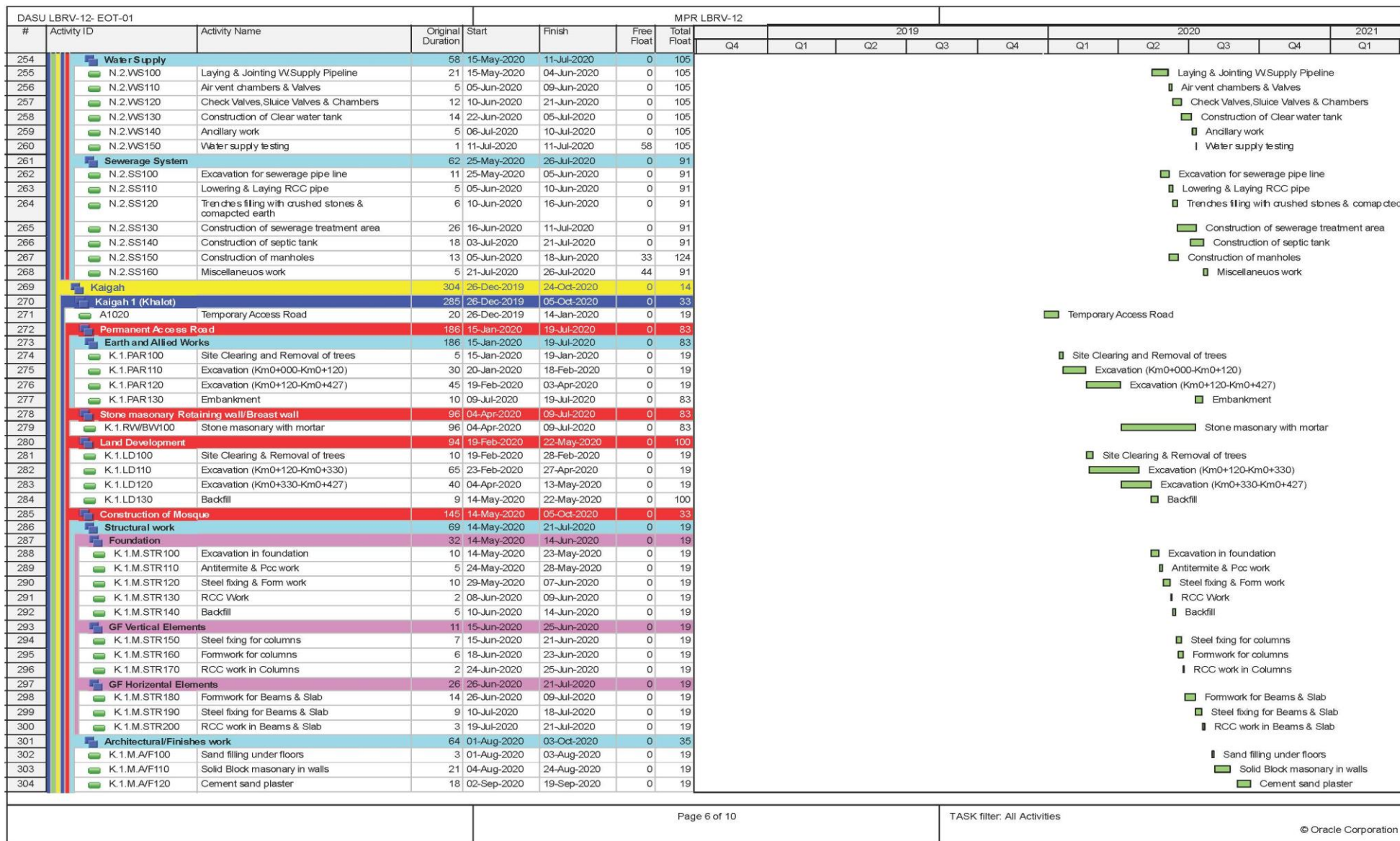
Gantt Chart of Dasu-LBRV-12 (3 of 10)

Figure 22 [4/10]



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

Figure 22 [6/10]



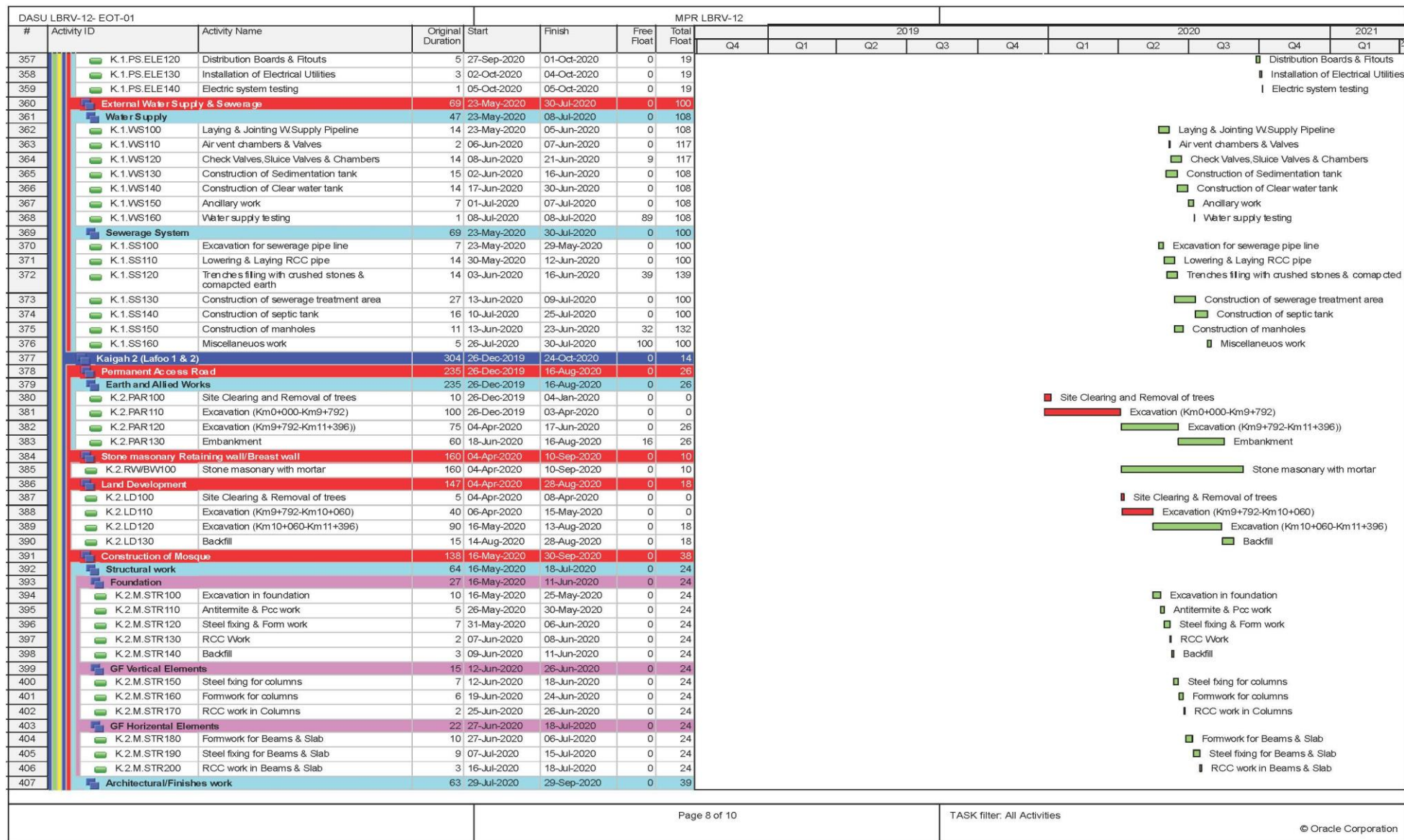
Gantt Chart of Dasu-LBRV-12 (6 of 10)

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	Khuprail tiles on roof	5	20-Sep-2020	24-Sep-2020	44	44											Khuprail 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		1611	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	Khuprail tiles on roof	7	22-Sep-2020	28-Sep-2020	40	40											Khuprail tiles on roof
349	Public Health work		17	26-Aug-2020	11-Sep-2020	0	57											
350	K.1.PS.PH100	Installation of W.Supply fixtures & fitouts	7	26-Aug-2020	01-Sep-2020	0	57											Installation of W.Supply fixtures & fitouts
351	K.1.PS.PH110	Installation of P.Health Utilities & drainage	5	02-Sep-2020	06-Sep-2020	0	57											Installation of P.Health Utilities & drainage
352	K.1.PS.PH120	RCC sewer pipe & manhole	4	07-Sep-2020	10-Sep-2020	0	57											RCC sewer pipe & manhole
353	K.1.PS.PH130	P.Health & W.Supply testing	1	11-Sep-2020	11-Sep-2020	57	57											P.Health & W.Supply testing
354	Internal Electrification		41	26-Aug-2020	05-Oct-2020	0	19											
355	K.1.PS.ELE100	Electrical Conduit & Back boxes fixing	9	26-Aug-2020	03-Sep-2020	0	19											Electrical Conduit & Back boxes fixing
356	K.1.PS.ELE110	Cable pulling & Connections	5	22-Sep-2020	26-Sep-2020	0	19											Cable pulling & Connections

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

Figure 22 [8/10]



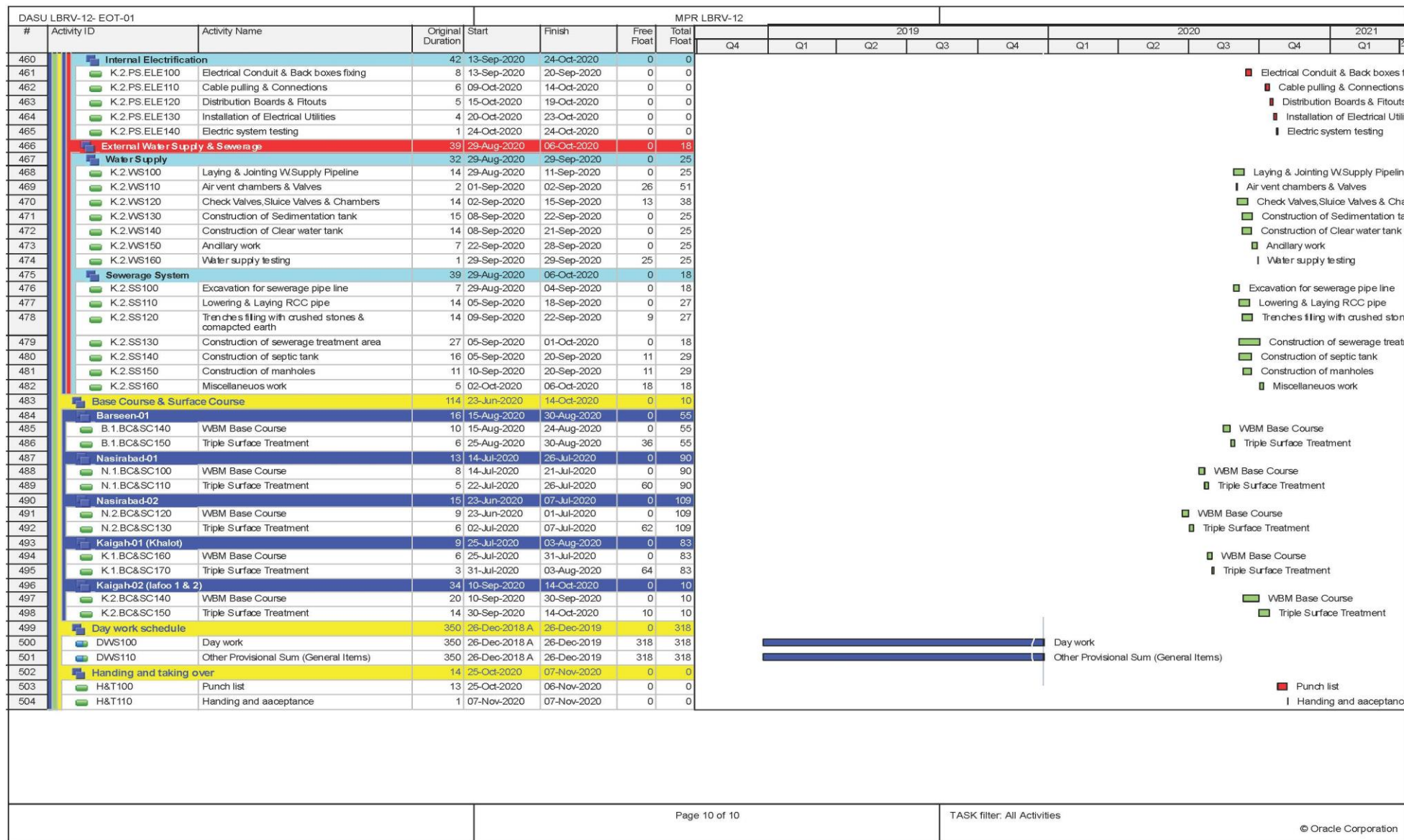
Gantt Chart of Dasu-LBRV-12 (8 of 10)

Figure 22 [9/10]

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	
408	K.2.M.A/F100	Sand filling under floors	3	29-Jul-2020	31-Jul-2020	0	24											
409	K.2.M.A/F110	Solid Block masonry in walls	21	01-Aug-2020	21-Aug-2020	0	24											
410	K.2.M.A/F120	Cement sand plaster	18	29-Aug-2020	15-Sep-2020	0	24											
411	K.2.M.A/F130	Paints work	14	16-Sep-2020	29-Sep-2020	0	39											
412	K.2.M.A/F140	Wooden doors & Aluminium works	9	21-Sep-2020	29-Sep-2020	0	39											
413	K.2.M.A/F150	Tiles work on floors & walls	10	20-Sep-2020	29-Sep-2020	39	39											
414	K.2.M.A/F160	Roof treatment & drainage	5	16-Sep-2020	20-Sep-2020	48	48											
415	K.2.M.A/F170	Rough flooring	4	22-Aug-2020	25-Aug-2020	74	74											
416	K.2.M.A/F180	Courtyard Gate	1	22-Aug-2020	22-Aug-2020	77	77											
417	K.2.M.A/F190	Khuprail tiles on roof	5	16-Sep-2020	20-Sep-2020	48	48											
418	Public Health work		20	22-Aug-2020	10-Sep-2020	0	58											
419	K.2.M.PH100	Installation of W.Supply fixtures & fitouts	8	22-Aug-2020	29-Aug-2020	0	58											
420	K.2.M.PH110	Installation of P Health Utilities & drainage	8	30-Aug-2020	06-Sep-2020	0	58											
421	K.2.M.PH120	RCC sewer pipe & manhole	3	07-Sep-2020	09-Sep-2020	0	58											
422	K.2.M.PH130	P Health & W.Supply testing	1	10-Sep-2020	10-Sep-2020	58	58											
423	Internal Electrification		40	22-Aug-2020	30-Sep-2020	0	24											
424	K.2.M.ELE100	Electrical Conduit & Back boxes fixing	7	22-Aug-2020	28-Aug-2020	0	24											
425	K.2.M.ELE110	Cable pulling & Connections	5	16-Sep-2020	20-Sep-2020	0	24											
426	K.2.M.ELE120	Distribution Boards & Fitouts	5	21-Sep-2020	25-Sep-2020	0	24											
427	K.2.M.ELE130	Installation of Electrical Utilities	4	26-Sep-2020	29-Sep-2020	0	24											
428	K.2.M.ELE140	Electric system testing	1	30-Sep-2020	30-Sep-2020	24	24											
429	Construction of Primary/Middle School		162	16-May-2020	24-Oct-2020	0	14											
430	Structural work		86	16-May-2020	09-Aug-2020	0	0											
431	Foundation		34	16-May-2020	18-Jun-2020	0	0											
432	K.2.PS.STR100	Excavation in foundation	10	16-May-2020	25-May-2020	0	0											
433	K.2.PS.STR110	Antitermite & Pcc work	6	26-May-2020	31-May-2020	0	0											
434	K.2.PS.STR120	Steel fixing & Form work	9	01-Jun-2020	09-Jun-2020	0	0											
435	K.2.PS.STR130	RCC Work	3	10-Jun-2020	12-Jun-2020	0	0											
436	K.2.PS.STR140	Backfill	6	13-Jun-2020	18-Jun-2020	0	0											
437	GF Vertical Elements		20	19-Jun-2020	08-Jul-2020	0	0											
438	K.2.PS.STR150	Steel fixing for columns	10	19-Jun-2020	28-Jun-2020	0	0											
439	K.2.PS.STR160	Formwork for columns	7	29-Jun-2020	05-Jul-2020	0	0											
440	K.2.PS.STR170	RCC work in Columns	3	06-Jul-2020	08-Jul-2020	0	0											
441	GF Horizontal Elements		32	09-Jul-2020	09-Aug-2020	0	0											
442	K.2.PS.STR180	Formwork for Beams & Slab	16	09-Jul-2020	24-Jul-2020	0	0											
443	K.2.PS.STR190	Steel fixing for Beams & Slab	14	25-Jul-2020	07-Aug-2020	0	0											
444	K.2.PS.STR200	RCC work Beams & Slab	2	08-Aug-2020	09-Aug-2020	0	0											
445	Architectural/Finishes work		64	20-Aug-2020	22-Oct-2020	0	16											
446	K.2.PS.A/F100	Sand filling under floors	3	20-Aug-2020	22-Aug-2020	0	0											
447	K.2.PS.A/F110	Block masonry in walls	21	23-Aug-2020	12-Sep-2020	0	0											
448	K.2.PS.A/F120	Cement sand plaster	18	21-Sep-2020	08-Oct-2020	0	0											
449	K.2.PS.A/F130	Paints work	14	09-Oct-2020	22-Oct-2020	0	16											
450	K.2.PS.A/F140	Wooden doors & Aluminium works	10	13-Oct-2020	22-Oct-2020	0	16											
451	K.2.PS.A/F150	Tiles work on floors & walls	9	14-Oct-2020	22-Oct-2020	16	16											
452	K.2.PS.A/F160	Rough flooring	4	13-Sep-2020	16-Sep-2020	52	52											
453	K.2.PS.A/F170	Main entrance Gate	2	13-Sep-2020	14-Sep-2020	54	54											
454	K.2.PS.A/F180	Khuprail tiles on roof	3	09-Oct-2020	11-Oct-2020	27	27											
455	Public Health work		19	13-Sep-2020	01-Oct-2020	0	37											
456	K.2.PS.PH100	Installation of W.Supply fixtures & fitouts	8	13-Sep-2020	20-Sep-2020	0	37											
457	K.2.PS.PH110	Installation of P Health Utilities & drainage	6	21-Sep-2020	26-Sep-2020	0	37											
458	K.2.PS.PH120	RCC sewer pipe & manhole	4	27-Sep-2020	30-Sep-2020	0	37											
459	K.2.PS.PH130	P Health & W.Supply testing	1	01-Oct-2020	01-Oct-2020	37	37											

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

Figure 22 [10/10]



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

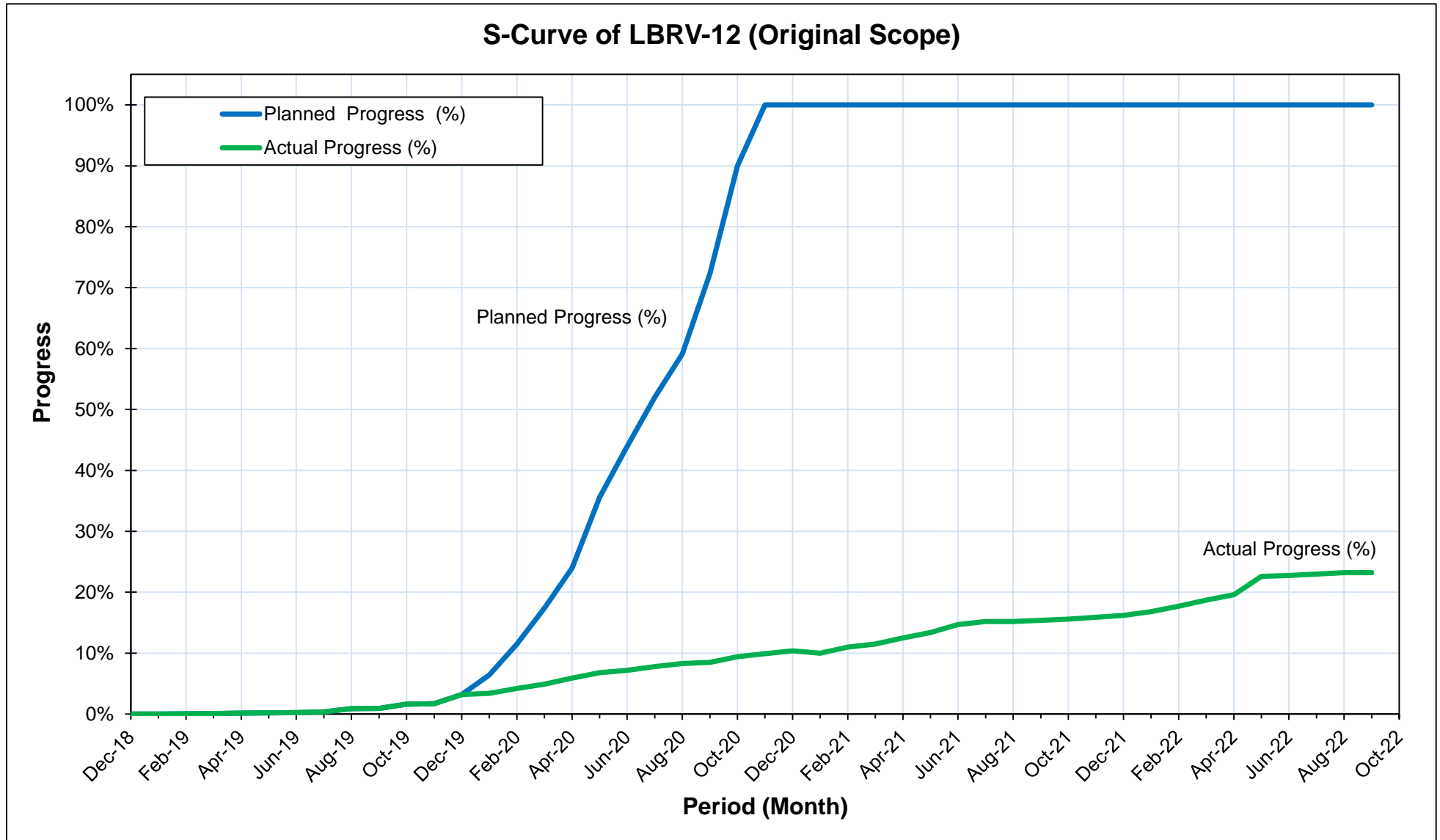


Figure 23: S-Curve for LBRV-12

Figure 24 [1/2]

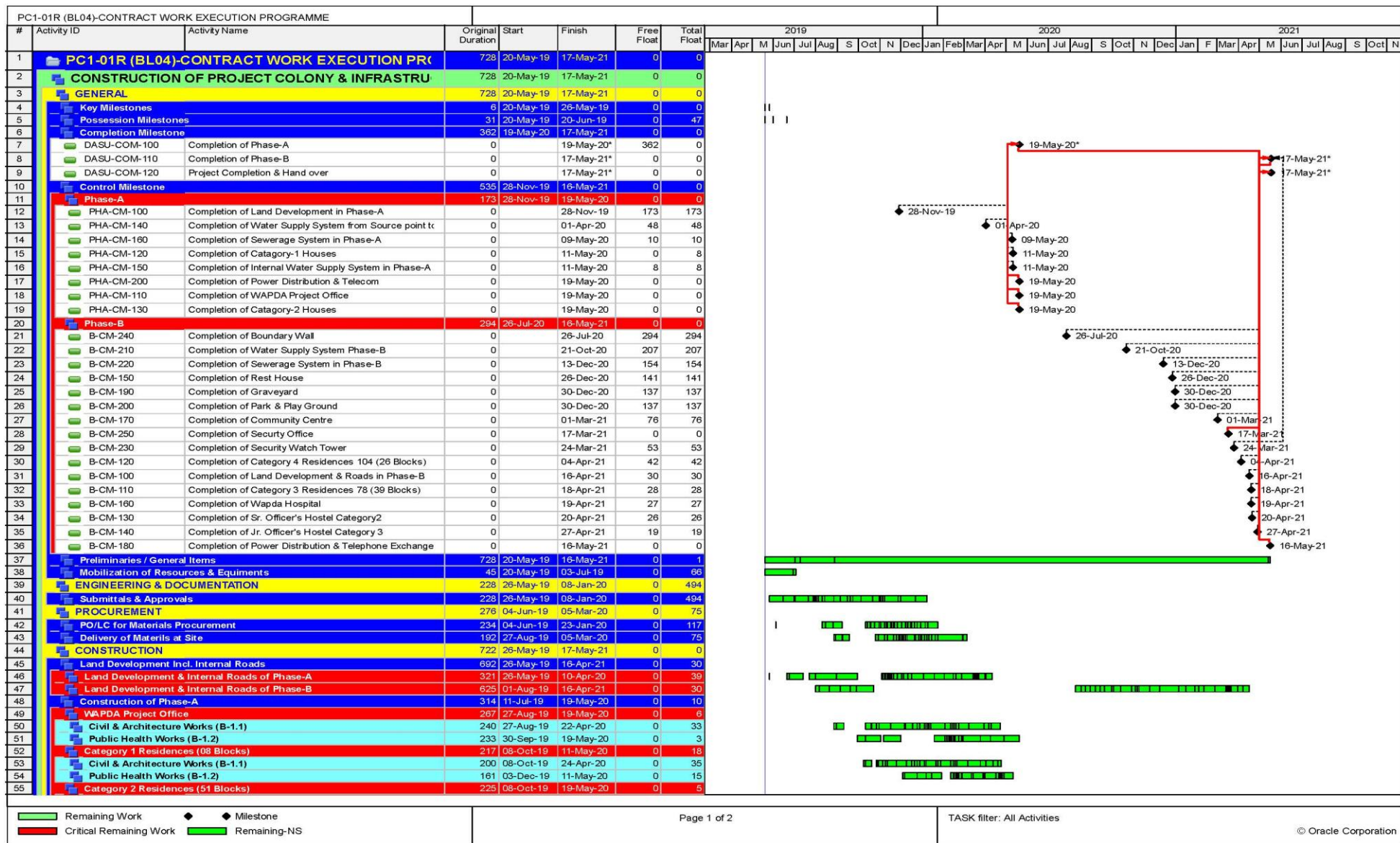


Figure 24: Gantt Chart of Dasu-PCI-01R (1 of 2)

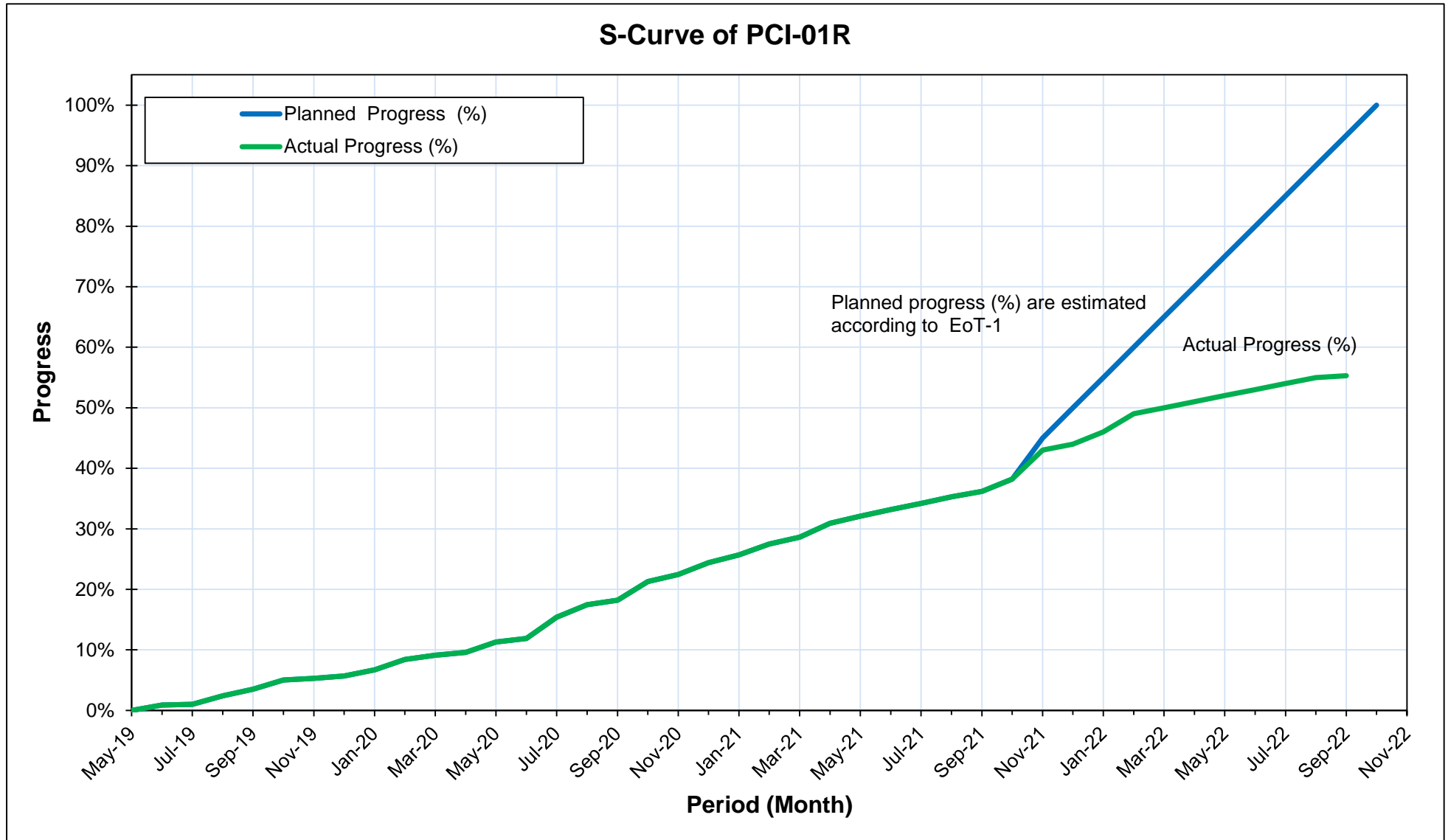


Figure 25: S-Curve for PCI-01R

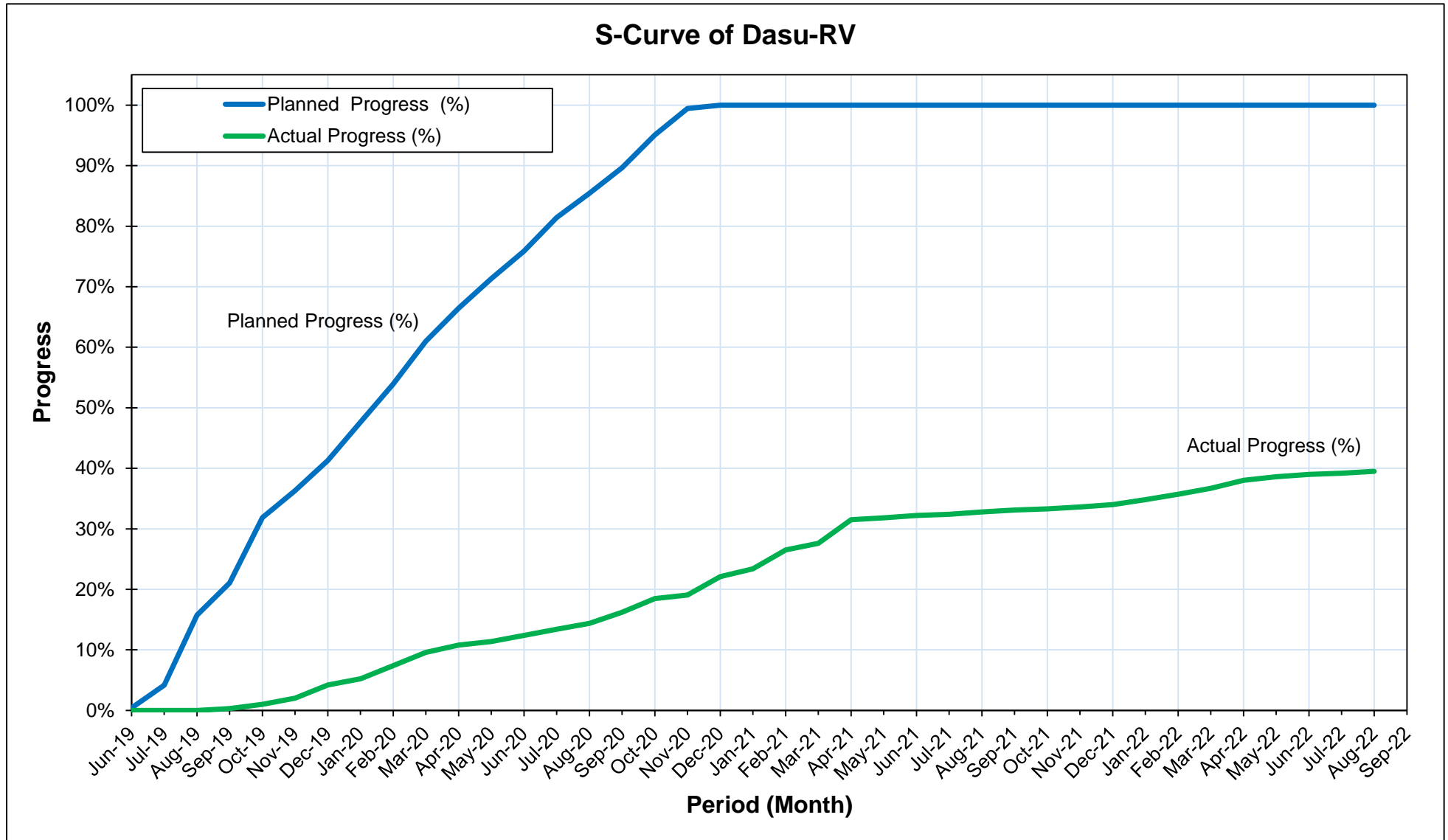


Figure 27: S-Curve for RV

Figure 28 [1/4]

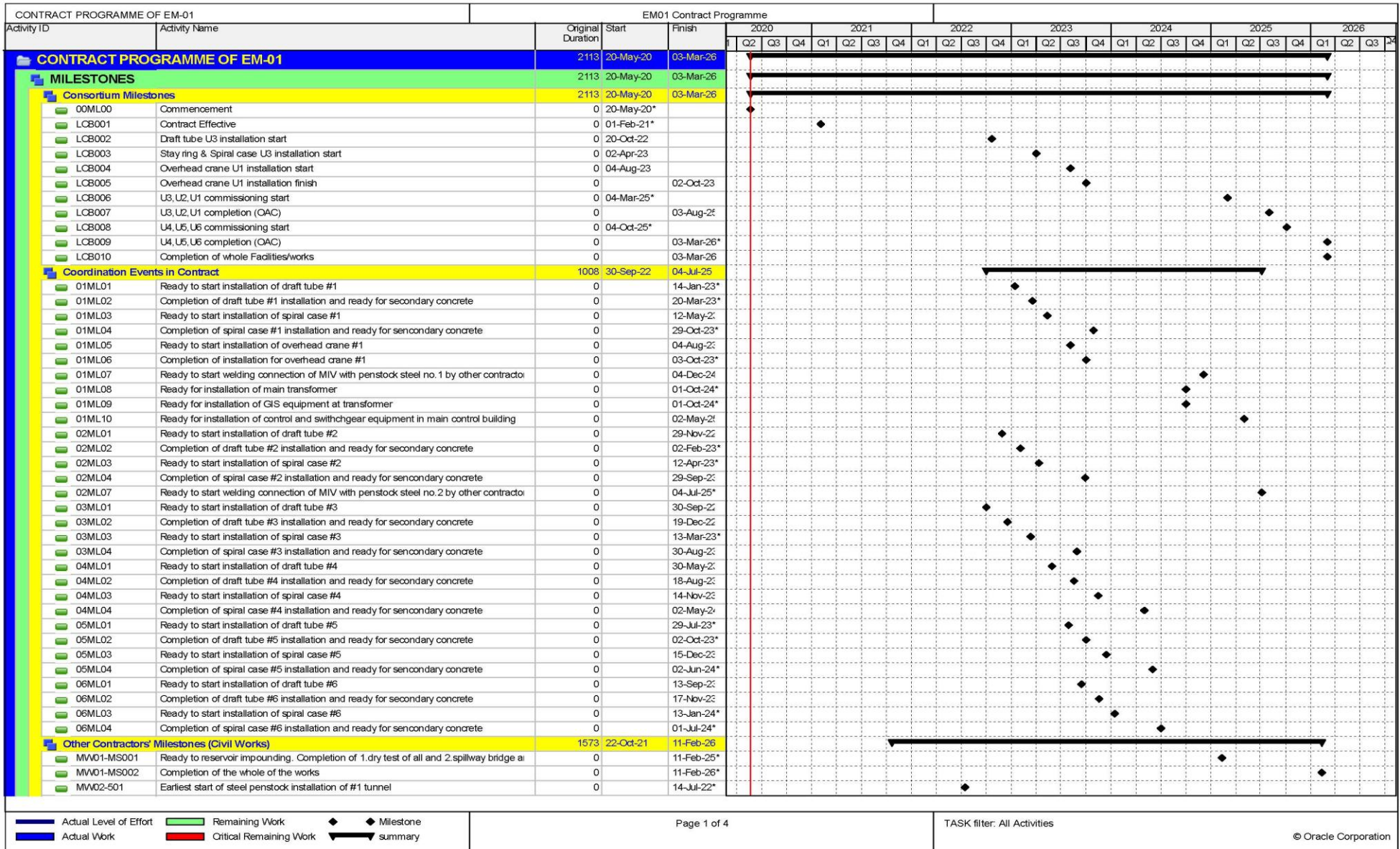
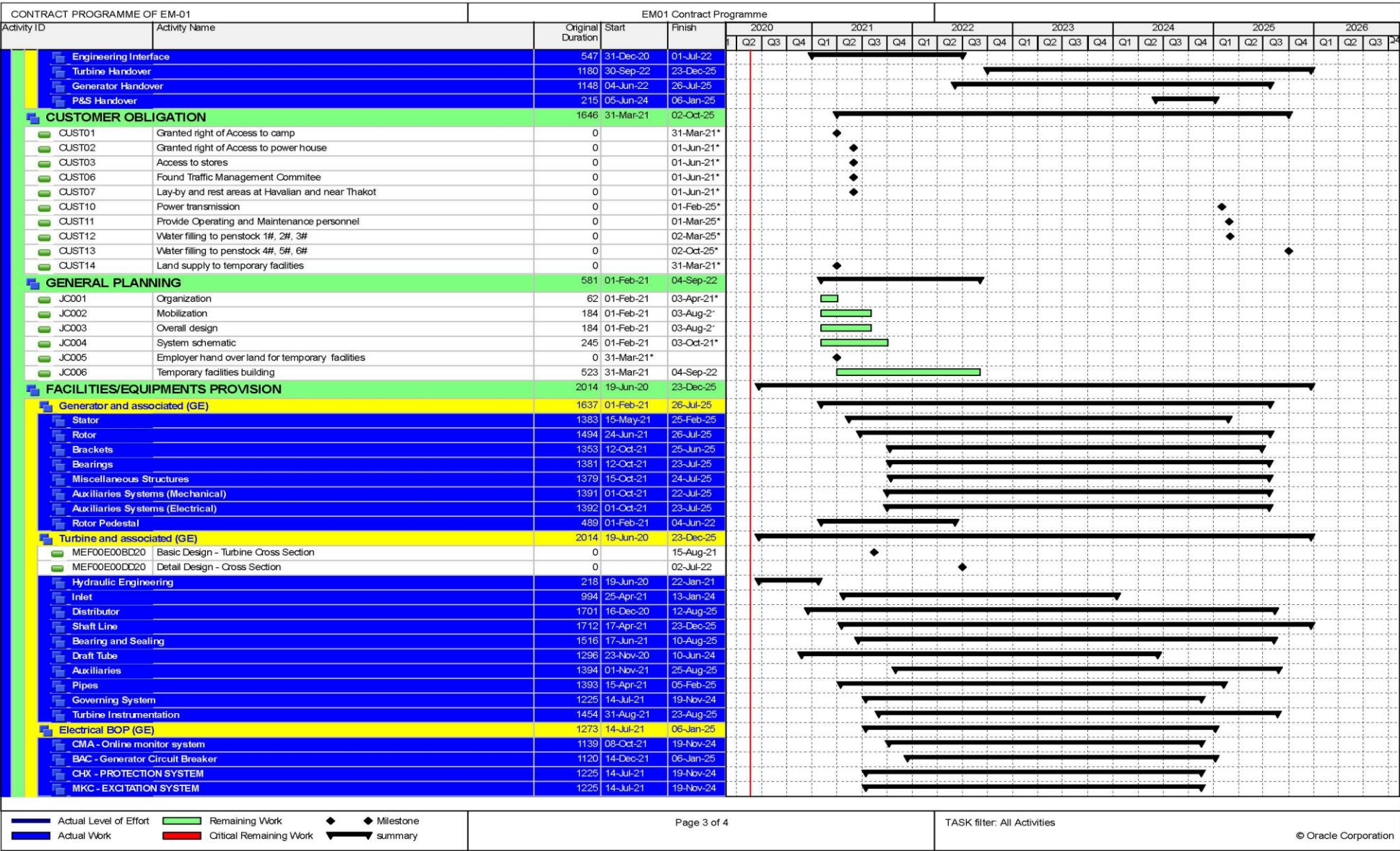


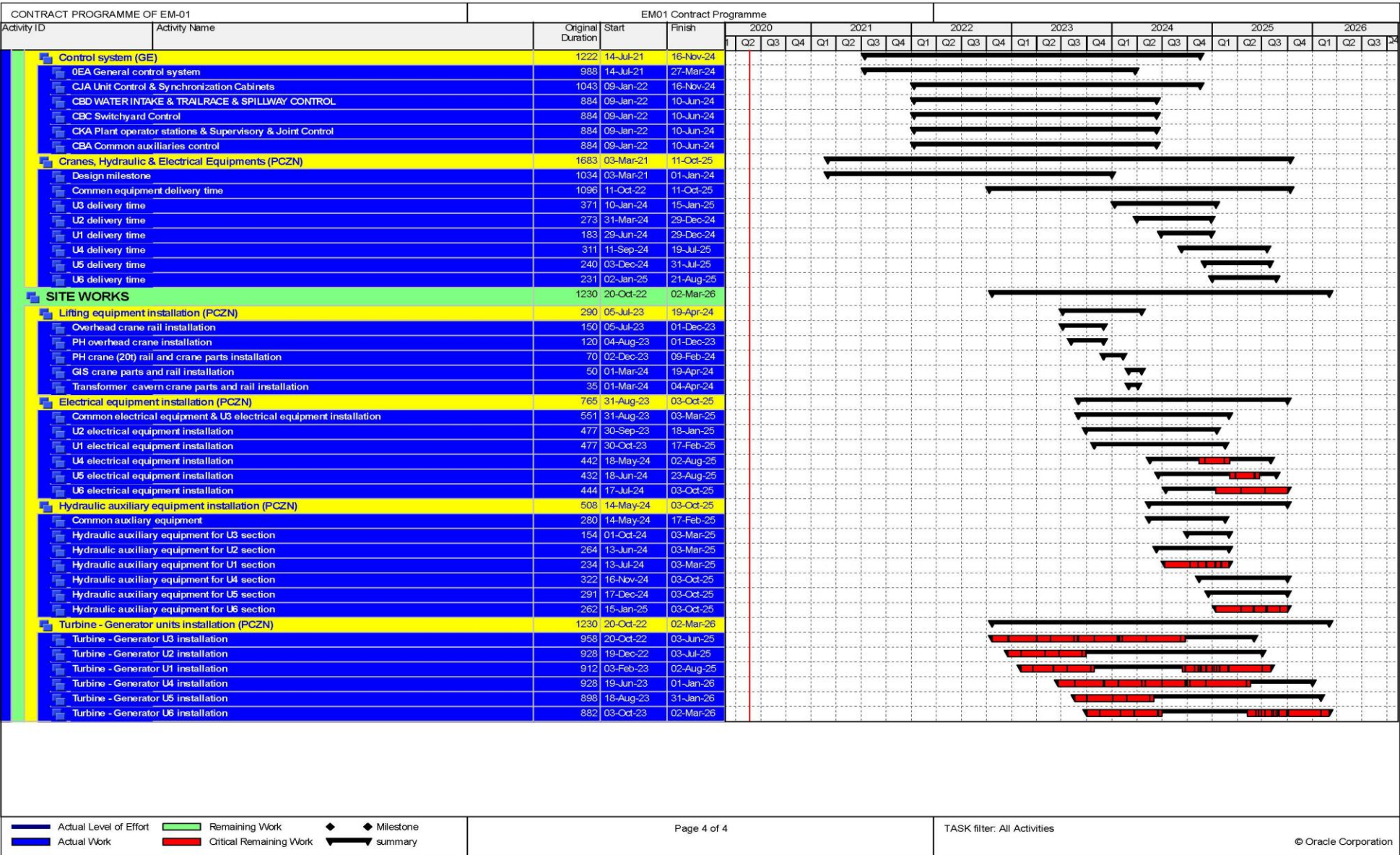
Figure 28: Gantt Chart of Dasu-EM-01 (1 of 4)

Figure 28 [3/4]



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

Figure 28 [4/4]



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

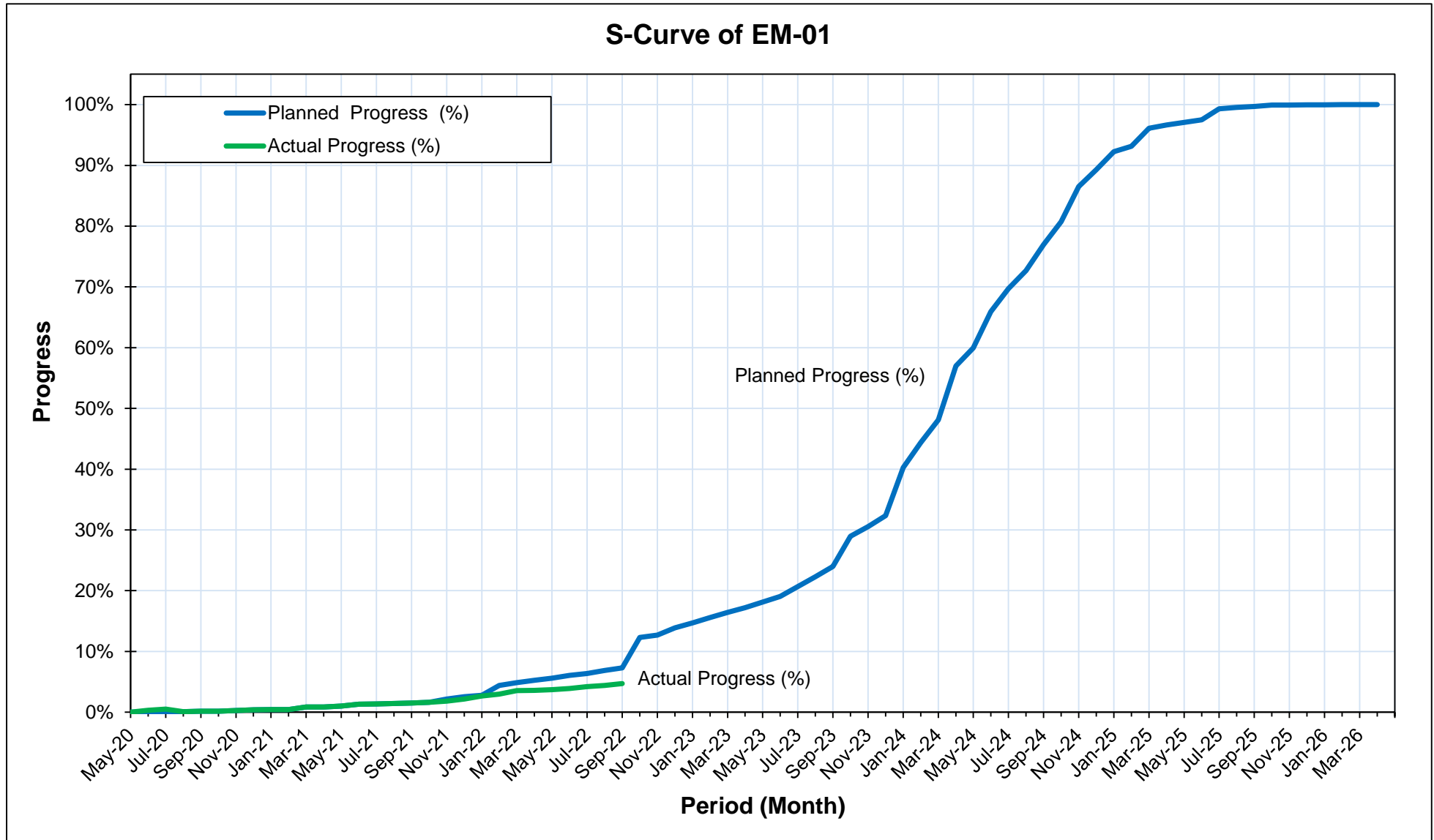


Figure 29: S-Curve for EM-01

APPENDICES

APPENDIX A

Project Activities Pictorial

Appendix A: Project Activities Pictorial



Water Sampling from CR-02 and River Indus u/s of Uchar Crush plant CGGC on 20th of September 2022



Testing of Samples taken from MW-01 Sites on 20th of September 2022

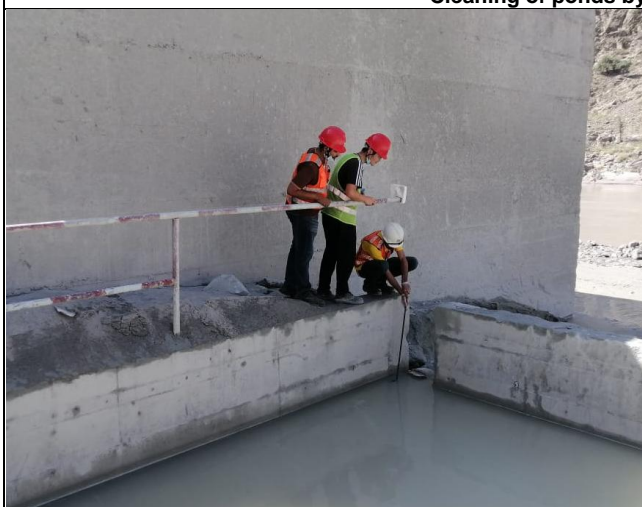
Dasu Hydropower Project			
Contractor		Engineer	Employer
CGGC		DHC	
DASU HYDROPOWER PROJECT DASU-MW-01			
Surface water quality spot measurements Report			
Surface water quality		River Water <input type="checkbox"/>	Waste Water <input checked="" type="checkbox"/>
Location	CR-02 Batching plant Uchar		
Date Of Inspection	20-09-2022		
Sample points	Time Of Inspection	11:05 am	
Item	Unit	Portable Meter	Result
Turbidity	NTU	WZB-175	78.2
Conductivity	µs/cm	DZB-718L	1257
PH		DZB-718L	11.2 ↑
DO	mg/L	DZB-718L	6.5
Temperature	°C	DZB-718L	21.1
Visual Petroleum Product	Yes <input type="checkbox"/>	No	<input checked="" type="checkbox"/>
marks: - PH value is very high. Fresh water should be added to lower the PH.			
Contractor Representative:	Witness by:		
<i>[Signature]</i> 2022-09-20	<i>[Signature]</i> 20/09/2022		
9/20/2022,			

Dasu Hydropower Project			
Contractor		Engineer	Employer
CGGC		DHC	
DASU HYDROPOWER PROJECT DASU-MW-01			
Surface water quality spot measurements Report			
Surface water quality		River Water <input checked="" type="checkbox"/>	Waste Water <input type="checkbox"/>
Location	Upstream Uchar Crushing plant at Indus		
Date Of Inspection	20-09-2022		
Sample points	Time Of Inspection	10:33 am	
Item	Unit	Portable Meter	Result
Turbidity	NTU	WZB-175	486
Conductivity	µs/cm	DZB-718L	177.7
PH		DZB-718L	8.8
DO	mg/L	DZB-718L	7.9
Temperature	°C	DZB-718L	19.0 °C
Visual Petroleum Product	Yes <input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Remarks:			
Contractor Representative:	Witness by:		
<i>[Signature]</i> 2022-09-20	<i>[Signature]</i> 20/09/2022		

Results of U/S Uchar from Indus River and CR-02 Batching Plant on 20th of Sep, 2022



Cleaning of ponds by CGGC on CR-02 Site



Dasu Hydropower Project			
 	DASU HYDROPOWER PROJECT DASU-MW-02	Engineer 	Employer
Surface water quality spot measurements Report			
Surface water quality		River Water <input type="checkbox"/>	Waste Water <input checked="" type="checkbox"/>
Location	MAT Sedimentation tank		
Date Of Inspection	26-09-2022	Time Of Inspection	10:30 AM
Sample points	01	Report No.	MW-02/SW-70
Item	Unit	Portable Meter	Result
Turbidity	NTU	WZB-175	104.8
Conductivity	µs/cm	DZB-718L	949
PH	/	DZB-718L	11.3 ↑
DO	mg/L	DZB-718L	5.1
Temperature	°C	DZB-718L	22.9
Visual Petroleum Product	Yes <input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Remarks: - The contractor is instructed to add fresh water to reduce the PH.			
Contractor Representative:	Witness by:		

Dasu Hydropower Project			
 	DASU HYDROPOWER PROJECT DASU-MW-02	Engineer 	Employer
Surface water quality spot measurements Report			
Surface water quality		River Water <input checked="" type="checkbox"/>	Waste Water <input type="checkbox"/>
Location	Downstream River Khushi at Chuhang		
Date Of Inspection	26-9-22	Time Of Inspection	11:13 AM
Sample points	03	Report No.	MW-02/SW-72
Item	Unit	Portable Meter	Result
Turbidity	NTU	WZB-175	403
Conductivity	µs/cm	DZB-718L	295
PH	/	DZB-718L	8.4
DO	mg/L	DZB-718L	7.8
Temperature	°C	DZB-718L	18.6
Visual Petroleum Product	Yes <input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Remarks:			
Contractor Representative:	Witness by:		

Results of Spot Monitoring conducted on 21st and 26th of September 2022

Photographs of OHS Section



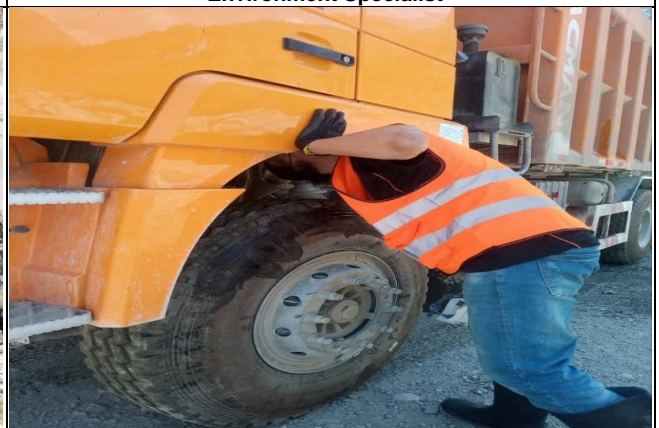
A view of weekly joint site inspection by DHC OHS at DTB



A view of weekly joint inspection along with M&E Environment Specialist



First aid box inspection conducted by DHC OHS at KKH-02 works



CGGC dumper inspection conducted by DHC OHS plant & equipment assessor



AFI inspection of first aid material boxes by DHC OHS at CR9



Fire extinguisher inspection conducted during joint inspection visit



A view of training conducted by DHC OHS on electrical safety awareness



A view of training conducted by DHC OHS on arcing safety



DHC OHS staff verifying the pre start hazard assesemnt



Ambulance inspection carried out by DHC palnt & equipemnt assessor



A veiw of appreciation certificate awarded to worker on OHS awareness



A veiw of appreciation certificate awarded to worker on OHS awareness



DHC OHS conducting monthly AFI inspection of first aid box at CR2



Elcetrical Inspection carried out by DHC OHS at CR9



Verification of resistance measurement by DHC OHS at switchyard



Equipment inspection carried out by DHC OHS at

Photographs of Social & Resettlement Section



DHC staff scanning cheques and CNIC during compensation disbursement at DC Office



PAP showing received compensation payment cheque at DC Office Upper Kohistan



WAPDA Accounts and DHC staff working on files for Resettlement Allowances



Accounts Officer WAPDA PMU providing TRP and Resettlement Allowances Cheque to AHH



Resettlement Expert DHC is giving TRP cheque to AHH at DHC Jirga Hall



Convener Disbursement Committee Addl: Deputy Commissioner Upper Kohistan is providing ESMR cheque to AHH



Ulma confrence at DHC office



Ulma confrence at DHC office



Scanned and preparation of SMR paid files



Drafting and signing of 33rd MOM of RSC in Admin office of LA&AU on 5-9-2022



Joint follow up visit to RV Chuchang-01 (Add'l Blocks) on 8-9-2022



Joint follow up visit to RV Khushi-01 on 8-9-2022



Joint follow up visit to Muhammad Jan & Pasand Khan plots at RV Chuchang-01 on 8-9-2022



A picture of dismantled house in Barseen village



Dismantled houses in Barseen village



Joint RSC & WC meeting in progress regarding the referred back SMR files in S&R Jarga hall.



Dismantled houses at Sigloo village



Joint field visit to RV Nasirabad



Joint Meeting with the resettling Community of RV Nasirabad-02 in progress



Joint visit to RV Nasirabad-01



Joint Meeting with the resettling community of RV Nasirabad-01 is in progress



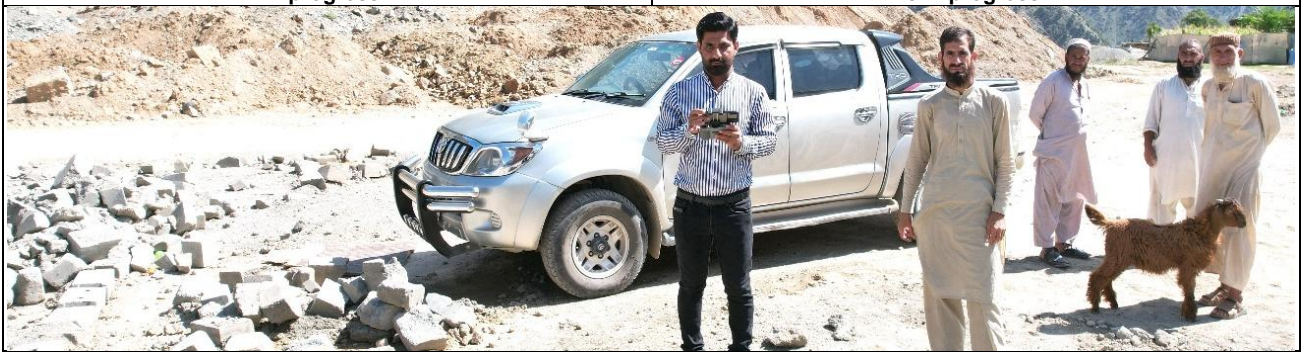
Joint visit to RV Khushi-01



Joint meeting with the resettling community of RV Khushi-01 is in progress

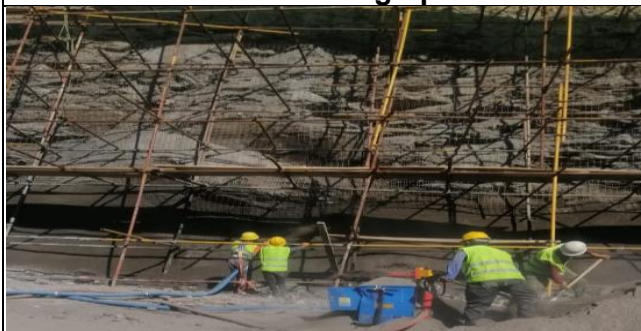


Joint meeting with the resettling Community of RV Uchar-01 is in progress



GIS Team member is capturing a drone imagery survey for Kaigah and Gul-e-Bag area for the preparation of SMR payment status of Kaigah area (all components)

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



Shotcrete at Zero Point Third Bench RD=1+600



Drilling & installation of Canopy pipes at Inlet Portal of Logro A tunnel



Shotcrete for 2nd layer at K4 tunnel outlet area.



Installation of Canopy pipes at logro-A inlet.



Excavation at K31+200 KKH02



Drilling at K28+620 KKH02



EXCAVATION & LOADING K2+120 in progress (KOMILA BYPASS)



Drilling for Blasting K2+160 (KOMILA BYPASS)



Demolishing of Local houses (Komila Bypass)



Removing of Slided Material around K11+700 (RAR-01)



Charging for Blast at Seer Gayal Access Road



Excavation at K13+400 RAR02



Block masonry work in Control House building



Foundation concrete of switch gear equipments



Tower erection at T-139A



Excavation/Cutting work at Access road to Grid Station.

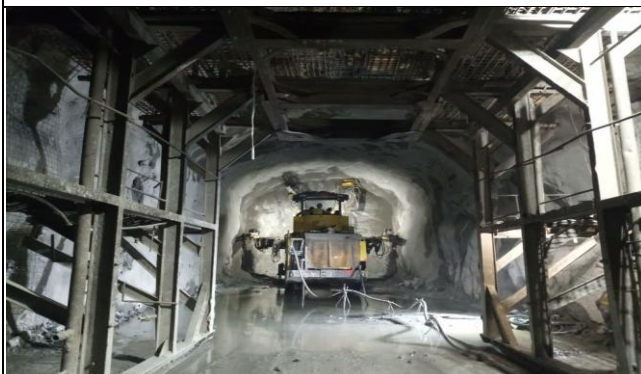
Photographs of MW-01 & MW-02



MW-01: Inlet of Diversion Tunnel-B



MW-01: Excavation for Right Bank Cable



MW-01: Excavation of Left Bank Traffic Diversion Tunnel



MW-01: Excavation at Outlet of Left Bank Traffic Diversion Tunnel.

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



Wapda Project Office Building Completed

APPENDIX B

The Envisaged Man Months

Months (in the form of Bar Chart)

No	Name	Position	Firm	2021												2022												2023												2024												2025												AM-4 (B) from Aug-14 to June-2025	Activities Performed up to Previous Month	Activities Performed This Month	Total Actual Utilized MMs	Balance MMs
				J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D					
L128	TBN / Mr. Javed Akhtar/ Mr. Yousaf Khan/ TBN/ Mr. Muhammad Khurshid Ul Hassan	Chief Contract Engineer-A	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												97.89	59.16	-	59.16	38.73
L129	TBN/ Mr. Arshad Hussain/ Mr. Irfan Mahmood Janjua	Sr. Migration Management	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												57.36	46.39	-	46.39	10.97
L130	Mr. Inaam-ur-Rahim/ Mr Ahmad Shoab/ TBN	Sr. Downstream Management	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												38.60	14.60	-	14.60	24.00
L131	Ms. Turanjbeeen Naqvi / TBN	Jr. Electrical Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												54.10	26.10	-	26.10	28.00
NP1	TBN	Sr. Quantity Engineer-B	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												48.00	-	-	-	48.00
NP2	Mr. Nawazish Ali	Sr. Engineer Roads (KKH-02 & RAR-02)	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												42.47	39.00	1.00	40.00	2.47
NP3	TBN	Sr. Site Engineer (Bridge & Structure)	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												26.00	-	-	-	26.00
NP4	Mr. Sayyar Ali	Sr Survey Professional	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												46.30	28.57	1.00	29.57	16.73
NP5	Mr. Noman Saeed	Principal GIS	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												53.31	38.64	1.00	39.64	13.67
NP6	Ms. Sobia Nazir	Principal Architect	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												37.60	34.50	1.00	35.50	2.10
NP7	Mr. Anwarzeb	Principal Construction Planner	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												46.50	7.50	1.00	8.50	38.00
NP8	Mr. Mudassar Hassan	Principal Environmentalist	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
NP9	Mr. Tariq Javed	Principal Lab Professional	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												10.00	-	-	-	10.00
NP10	TBN	Interpreter-1 (Chines/English)	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												8.00	-	-	-	8.00
NP11	Ghazan Khan	Interpreter-2 (Chines/English)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												62.24	19.14	-	19.14	43.10
NP12	Mr Muhammad Usama	Jr GIS Professional	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												54.67	29.10	-	29.10	25.57
NP13	Mr Shafiq Ahmad	Jr M&E Professional (S&R)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												48.00	11.49	0.70	12.19	35.81
NP14	Mr Abbas Ali	Jr GIS Professional	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												11.00	10.83	-	10.83	0.17
NP15	Mr Fazal Hussain Malik	Jr GIS Professional	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												13.00	13.00	-	13.00	-
NP16	Mr Zakariya Ayub	Jr GIS Professional	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												11.00	10.80	-	10.80	0.20
NP17	Mr. Fawad Afzal	Sr. Document Controller	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												48.00	1.00	1.00	2.00	46.00
NP18	Mr. Musaddaq Ahmed	Jr. Water Supply Design Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												18.00	-	-	-	18.00
NP19	Mr. Ghulam Nabi	Sr Site Engineer (KKH-01, Tunnel)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												24.00	2.57	1.00	3.57	20.43
NP20	Mr. Main-un-din	Principal Geologist (KKH-01&02, RAR-02, Roads, Tunnels, Bridges)	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												23.24	-	-	-	23.24
NP21	Mr. Habib Shah	Principal Geologist (Powerhouse Complex)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												20.53	-	-	-	20.53
NP22	Mr. Ahsan Akhlaq	Sr. Environmentalist	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												44.00	9.53	1.00	10.53	33.47
NP23	TBN	Sr Cost & Schedule Monitoring Engineer (Dam & Underground Works)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												30.00	-	-	-	30.00
NP24	TBN	Sr Site Engineer Dam-2	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												24.00	-	-	-	24.00
NP25	TBN	Sr Site Engineer (Intake, Power Tunnel)	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												24.00	-	-	-	24.00
NP26	TBN	Sr Site Engineer (Powerhouse-3)	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												26.00	-	-	-	26.00
NP27	TBN	Sr Site Engineer (RV & Earthwork)	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												26.00	-	-	-	26.00
NP28	TBN	Sr Geologist	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												42.00	-	-	-	42.00
NP29	TBN	Sr Geologist	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												44.00	2.72	0.93	3.65	40.35
NP30	Mr Faiz ur Rehman	Jr Geologist	DMC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												32.00	4.76	1.00	5.76	26.24
NP31	Mr Sajid Hameed	Jr Geologist	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												46.00	4.86	1.00	5.86	40.14
NP32	Mr Akhtar Ali	Jr Geologist	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												46.00	4.86	1.00	5.86	40.14
NP33	TBN	Jr Geologist	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												46.00	-	-	-	46.00
LA-22	Mr. Sultan Zeb	Sr. Electrical Engineer/ Construction Planner	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	1.00	0.53	1.53	(1.53)
Sub-Total																7,766.94	4,593.76	77.36	4,671.12	3,095.82																																																
Unallocated MMs																59.11				59.11																																																
Total																10,233.17	6,258.74	103.38	6,362.12	3,871.05																																																
Local Area Development Program (LADP)																																																																				
LA-1	Mr. Piotr WYPLOSZ / Mr. Takeshi OKAMURA	Design and Procurement Coordinator	NK	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												5.22	5.22	-	5.22	-
LA-2	Mr. Kenichi ISHII	Water Supply Engineer	NK	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												5.91	5.34	-	5.34	0.57
LA-3	Mr. Muhammad Haseeb/Mr Zia Ullah	Sr. Water Supply Design Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												23.60	30.43	1.00	31.43	(7.83)
LA-4	Mr. Musaddaq Ahmed	Jr. Water Supply Design Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												22.78	10.78	-	10.78	12.00
LA-5	Mr Khadim Hussain	Sr. Water Supply Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-6	TBN	Jr. Water Supply Engineer - A	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-7	TBN	Jr. Water Supply Engineer - B	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-8	Mr. Yuzo NAKANO	Road/Bridge Engineer	NK	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												3.97	3.97	-	3.97	-
LA-9	Mr. M Awais Tariq/ Mr Sajid Ali Shah	Sr. Road Design Engineer	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												23.20	23.20	-	23.20	-
LA-10	Mr. Attique Ur Rehman	Sr. Bridge Design Engineer	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												14.23	2.23	-	2.23	12.00
LA-11	Mr. Sajid Latif	Jr. Road Design Engineer	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												29.63	31.01	-	31.01	(1.38)
LA-12	Mr Rana Shahid Asghar	Sr. Site Engineer (Road, Building & Structure)	NDC	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												12.00	5.43	1.00	6.43	5.57
LA-13	TBN	Sr. Bridge Engineer	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-14	TBN	Jr. Road Engineer - A	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-15	TBN	Jr. Road Engineer - B	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-16	TBN	Jr. Road Engineer - C	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-17	TBN	Sr. Building Design Engineer	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												-	-	-	-	-
LA-18	Mr. Najam ul Hassan	Sr. Structural Design Engineer	PES	[Bar chart showing activity in 2021]												[Bar chart showing activity in 2022]												[Bar chart showing activity in 2023]												[Bar chart showing activity in 2024]												[Bar chart showing activity in 2025]												28.64	28.54	-	28.54	0.10

APPENDIX C

Submission of Deliverables

Appendix C: Submission of Deliverables

Date	Subject
04.09.22	Interim Payment Certificate No.33
07.09.22	LADP Monthly Progress Report No. 41 for the Month of August, 2022
10.09.22	Application of New Weightage on rates for KKH-01 V0-005
14.09.22	-Interim Payment Certificate No. 12
15.09.22	Bid Evaluation Report
15.09.22	Reply for IPOE Comments and Technical Proposal by DHC regarding Seismic Design of Spillway Radial Gate
17.09.22	Variation for the Provision of Power Supply to No.1 Crushing Plant and Batching Plant
20.09.22	MPR No.97 for the Month of August 2022 Under Assignment-B
21.09.22	LADP-Submission of Feasibility Report for Water Supply Scheme Purwan and Jagu Bhi
21.09.22	Sending Soft Copy of Seismic Evaluation Report.KKH-01
21.09.22	Variation for the Provision of Power Supply to No.01 Crushing Plant and No.1 Batching Plant for Uchar Thoki.MW-01
21.09.22	Interim Payment Certificate No # 31- For July 2022.MW-01
22.09.22	LADP-MSWM-Comments on Bidding Documents
22.09.22	Following the CPEC Standards in KKH-01 and KKH-02 Sections
24.09.22	Interim Payment Certificate NO.#31-for July 2022.MW-02
26.09.22	Interim Payment Certificate No.34.PCI-01R

APPENDIX D

List of Meetings

Appendix D: List of Meetings

Date	Meeting With	Place	Subject
16.09.22	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for KKH-01
16.09.22	WAPDA DHC CGICOP	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for PCI-01R
16.09.22	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting for RAR-01
16.09.22	WAPDA DHC PCCC	DHC Meeting Room	Minutes Of Monthly OHS Progress Review Meeting for TL-01
22.09.22	WAPDA DHC PCCC	DHC Meeting Room	Minutes of Weekly Progress Review Meeting. TL-01
27.09.22	WAPDA DHC ZEGL	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting LBRV-11&12
28.09.22	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly OHS Progress Review Meeting MW-01&02
29.09.22	WAPDA DHC PCCC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting. TL-01
29.09.22	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting .KKH-01
29.09.22	WAPDA DHC CCECC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting. RAR-01
29.09.22	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting. MW-01 & MW-02
29.09.22	WAPDA DHC CGGC	DHC Meeting Room	Minutes of Monthly Environmental Progress Review Meeting. KKH-02 & RAR-02

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				
Dasu Office				
1.	01.09.22	GM/PD/DHPP/Contracts/12174-78	Provision of Assistance for Opening KKH Blockage Zaidkhar (RD 288)	
2.	02.09.22	GM/PD/DHPP/Contracts/GEN/01/12200-12212	Request for Provision of Explosive Materials for Blasting to Clear Dubair Ranolia Road	
3.	05.09.22	GM/PD/DHPP/Contracts/DHC/111/12237-41	Notice of Force Majeure - Recent Floods and Landslides	
4.	05.09.22	GM/PD/DHPP/Security/S-14/1106-14	Coordination Meeting with DHC Contractors on Security Issues	
5.	05.09.22	GM/PD/DHPP/Security/S-4/1115-19	Outstation Movement of Expatriates	
6.	06.09.22	GM/PD/DHPP/Security/S-6/1135-36	Advisory Notice	
7.	06.09.22	GM/PD/DHPP/Security/S-7/1138-39	Move SOP Violation by CCECC Expatriate	
8.	06.09.22	GM/PD/DHPP/Security/S-6/1140-41	Construction of Security Posts WTs at Chuchang Colony	
9.	06.09.22	GM/PD/DHPP/Security/S-6/1140-43	SOP for Chinese Nationals Working on Non-CPEC Project in District Attock	
10.	06.09.22	GM/PD/DHPP/(Admn)/DHC/12301-02	Monthly Progress Report	
11.	07.09.22	GM/PD/DHPP/Security/S-4/1144-48	Outstation Movement of Expatriates	
12.	08.09.22	GM/PD/DHPP/Security/S-6/1150-52	SOPs for Foreign National Working on Non-CPEC Project	
13.	08.09.22	Gm/PD/DHPP/Dir(C)/6C(CS)/5936-49	Performance Audit of the Consultants MS DHC	
14.	08.09.22	GM/PD/DHPP/Contracts/GEN/01/12457-67	Request for Provision of Explosive Materials for Blasting to Clear Blasting to Clear the Blocked Roads of District Kohistan	
15.	08.09.22	GM/PD/DHPP/Security/S-4/1153-57	Outstation Movement of Expatriates	
16.	09.09.22	GM/PD/DHPP/Security/S-7/1176-77	Driving Mini Truck	
17.	09.09.22	GM/PD/DHPP/Security/S-25/ 1179-85	Corrigendum	
18.	12.09.22	GM/PD/DHPP/Security/S-21/ 1189-97	Security Instruction Chairman Visit 14.09.2022	
19.	13.09.22	GM/PD/DHPP/(Admn)/GEN-01 /12546-56	Request for Provision of Explosive Materials for Blasting to Clearer the Blocked Roads of District Kohistan Upper due to Recent Floods	
20.	13.09.22	GM/PD/DHPP/Security/ 1205-07	SOPs for Foreign National Working on Non-CPEC Projects	
21.	14.09.22	GM/PD/DHPP/Security/1208	DICC Meeting Observation Point	
22.	14.09.22	GM/PD/DHPP/Security/1209	Security Loops	
23.	15.09.22	GM/PD/DHPP/Security/1214-15	Security of Chinese Working at Dasu HPP and Residing at Ghazi Brotha Camp Hattian	
24.	16.09.22	GM/PD/DHPP/12620-30	Request for Provision of Explosive Materials for Blasting to Clear the Blocked Roads of Upper Kohistan Due to Recent Floods	
25.	19.09.22	GM/PD/DHPP/Contracts/GEN/01/12642-49	Material Testing Facilities at CMTL WAPDA	
26.	22.09.22	GM/PD/DHPP/Contracts/Air-Transport/12779-81	Recovery of hire Charges Bill NLC AVN FLT and da Allowance IRO Flying Crew	
27.	22.09.22	GM/PD/DHPP/DHC/12794	Claim of DR. Abdul Manan M.O CGGC	
28.	22.09.22	GM/PD/DHPP/DHC/12791-92	Application for Employment In CCECC	
29.	26.09.22	GM/PD/DHPP/Security/S-14/1222-24	Coordination Meeting at DHPP	
30.	27.09.22	GM/PD/DHPP/Admn/DHC/12873	Application	
31.	26.09.22	GM/PD/Dasu HPP/E27/6226-28	Provision of Vocational and Skill Development Teacher (S) for Dasu - Upper Kohistan	
32.	27.09.22	GM/PD/DHPP/Contracts/DHC/111/12865-72	Official Correspondence by Chinese Construction Companies Working in Dasu HPP	
33.	27.09.22	GM/PD/DHPP/Contracts/DHC/111/12862-64	Notice of force Majeure - Recent Floods and Landslides	
34.	27.09.22	GM/PD/DHPP/Security/S-06/1237	-Feedback Entry Against Foreign Nationals - FNSC Dashboard	
35.	28.09.22	GM/PD/DHPP/Security/S-04/1232-36	Outstation Movement of Expatriates	
36.	28.09.22	GM/PD/DHPP/Contracts/06/12941-43	Monthly progress Report	
37.	29.09.22	GM/PD/DHPP/Security/S-04/1259-62	Schedule of Outstation Movement of Expatriates for the Month of October ,2022	
38.	30.09.22	GM/PD/DHPP/Security/S-14/1263-69	Minutes of Meeting Held with DHC Representatives of Contractors on Security Issues at DHPP	
39.	30.09.22	GM/PD/DHPP/Security/S-09/1275-76	Advisory Notice and Application	
1.2. Dasu-RAR-01				
Dasu Office				
40.	01.09.22	GM/PD/Dasu HPP/RAR-01/ 2022/12179-81	Application Mr.Masaz Kan S-o Zaiban	
41.	01.09.22	GM/PD/Dasu HPP/RAR-01/ 2022/12193-95	Stoppage of Excavation Activities by Locals at Komila Bypass (K2+020-K2+200)	
42.	12.09.22	GM/PD/DHPP/Contracts/RAR-01/ 27/12501-09	Construction of Right Bank Access Road Extension of Contractors Workmen Compensation Insurance Policy	
43.	21.09.22	GM/PD/DHPP/Contracts/RAR-01/27/12747-51	Request for Extension of Performance Security	
44.	21.09.22	GM/PD/DHPP/Contracts/RAR-01/27/12763-67	Request for Extension of Advance Payment Guarantee	
1.3. Dasu-RAR-02				
Dasu-Office				
45.	08.09.22	GM/PD/Dasu HPP/RAR-02/ 2022/12412-14	Dasu RAR-02 Construction Obstruction of Locals at K20+590	
46.	12.09.22	GM/PD/Dasu HPP/RAR-02/ /12521-23	Low Progress Rate at Kandia Road Damaged by Recent Flood	
47.	20.09.22	GM/PD/DHPP/Contracts/DB/RAR-02/116E/12684-88	Selection of Sole Member for the Dispute Board	
48.	21.09.22	GM/PD/DHPP/Contracts/DB/RAR-02/116E/12737-41	Selection of Sole Member for the Dispute Board	
1.4. Dasu-KKH-01				
Dasu Office				
49.	03.09.22	DHPP/CE(C)/KKH-01/02/122 32-36	Consultancy Services for Feasibility Study and Detailed Design for Realignment of KKH from Thakot to Raikot due to Construction of Dams on Indus River	

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50.	03.09.22	DHPP/CE(C)/KKH-01/02/122 26-31	Consultancy Services for Feasibility Study and Detailed Design for Realignment of KKH from Thakot to Raikot due to Construction of Dams on Indus River	
51.	05.09.22	GM/PD-Dasu HPP/LA/S&R/ 66/6151-52	Rehabilitation of Irrigation Channel Damaged due to Construction of K-03 Tunnel, KKH-01, Shal Area DHPP	
52.	06.09.22	GM/PD/DHPP/KKH-01/12341 -44	Application from Locals of Chalga Dasu	
53.	06.09.22	GM/PD/DHPP/KKH-01/12337 -40	Application from Local of Kuz Choochang	
54.	07.09.22	GM/PD/DHPP/Contracts/KKH-01/17/12372 -76	Request for Extension of Initial Advance Payment Guarantee No. IGT087400111215 & IGT087400111315	
55.	08.09.22	GM/PD/DHPP/Contracts/KKH-01/17/12436 -44	Relocation of KKH (RD 0+000 to RD 25+200) Contractors All Risk (CAR) Insurance Policy	
56.	09.09.22	GM/PD/DHPP/Contracts/KKH-01/17/12491-99	Verification Authentication of Advance Payment Securities Bank Guarantees	
57.	19.09.22	GM/PD/DHPP/Dir(C)/CU/KKH-01/54/6081-86	Consultancy Services for Feasibility Study and Detailed Design for Realignment of KKH from Thakot to Raikot Due to Construction of Dams on Dams Indus River	
58.	19.09.22	GM/PD/DHPP/Contracts/KKH-01/11/12657-65	Provision of Rates of Bitumen 60-70 Grade (Bulk) for Price Adjustment Purpose	
59.	21.09.22	GM/PD/DHPP/Contracts/KKH-01/17/12716-20	Request for Extension of Performance Security	
60.	26.09.22	GM/PD/DHPP/Dir(C)CU/KKh-01/54/6178-83	Consultancy Services for Feasibility Study and Detailed Design for Realignment of KKH from Thakot to Raikot	
61.	29.09.22	GM/PD/DHPP/Contracts/16/12981-86	Coordination Meeting for Design Review of KKH-01 and KKH-02	
62.	28.09.22	GM/PD/DHPP/Contracts/06/12944-46	Request for Employer's Letter to Attock Petroleum for Provision of Bitumen Grade 60-70 Bulk for the Purpose of Price Adjustment	
1.5. Dasu-KKH-02				
Dasu Office				
63.	06.09.22	GM/PD/DHPP/KKH-02/ 12333-36	Application from Local of Pani Bah (Mr. Noor Badshah)	
64.	20.09.22	GM/PD/DHPP/Contracts/DB/KKH-02/116E/12679-83	Selection of Sole Member for the Dispute Board	
65.	21.09.22	GM/PD/DHPP/Contracts/DB/KKH-02/116E/12742-46	Selection Sole Member for the Dispute Board	
66.	23.09.22	GM/PD/DHPP/KKH-02/70/12813-16	Design of KKH-02 Realignment Including 8 No. Tunnels and 4 No. Bridge Structures	
67.	28.09.22	GM/PD/Dasu/HPP/S&D/KKh-02/12936-40	Report on the Delay In Land Hand Over	
68.	30.09.22	GM/PD/DHPP/KKH-02/12990-93	Updated Status of Land Handover for KKH-02	
69.	30.09.22	GM/PD/DHPP/KKH-02/12999-13002	Synchronization of Closure Time of Existing KKH	
1.6. Dasu-TL-01				
Dasu Office				
70.	06.09.22	GM/PD/Dasu HPP/Accts/ 5884-88	Payment-Contract ICB No Dasu-TL-01	
71.	29.09.22	GM/PD/DHPP/Contracts/TL-01/46/12969-73	Extension of Advance Payment Guarantee	
1.7. Dasu-MW-01				
Dasu-Office				
72.	01.09.22	GM/PD/DHPP/Contracts/ MW-01/116AR-2/12187-90	Dispute on Application of 17 Tender Discount - Timing of Commencement of Arbitration	
73.	02.09.22	GM/PD/DHPP/Contracts/ MW-01/VO/12/12219-21	Draft of Variation for Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plan	
74.	05.09.22	GM/PD/DHPP/Contracts/ MW-01/10/8112273-75	Timeline for River Diversion	
75.	05.09.22	PD/DHPP/Contracts/ MW-01/ Security/86/12345-51	Electricity Connection to Police Check Post Near Barseen Camp	
76.	06.09.22	GM/PD/DHPP/Contracts/ MW-01/DB/116AR-2/13326-29	Timing of Commencement of Arbitration	
77.	05.09.22	GM/PD/DHPP/Contracts/Air-Transport/12377-80	Recovery of Hire Charges Bill NLC AVN FLT and Allowance IRO Flying Crew	
78.	13.09.22	PD/DHPP/Contracts/ MW-01/ /81C/12536-38	River Diversion Scheme - Completion of River Diversion Tunnels and Starter Dam	
79.	19.09.22	GM/PD/DHPP/Contracts/MW-01/81/12650-54	Letter of Application - Firefighting at Kaigah	
80.	13.09.22	GM/PD/Dasu HPP/Accts/MW-01/6004-007	Release of Payment of Contract ICB No.MW-01 IPC No.30 (IPA 31)(LC)	
81.	22.09.22	GM/PD/DHPP/Contracts/MW-01/12782-86	Variation for the Provision of Power Supply to No.1 Crushing Plant and No.1 Batching plant for Uchar Thoki	
82.	26.09.22	GM/PD/DHPP/Transport/A11/11067-69	Provision of Toyota Revo G MT Pick up Vehicle	
83.	27.09.22	GM/PD/Dasu HPP/S&D/MW-01/12885-89	Report on the Delay in Land Hand Over	
84.	27.09.22	GM/PD/DHPP/Contracts/MW-01/DB/81C/12860-61	Provision of Power Supply (Dispute No.03	
85.	28.09.22	GM/PD/DHPP/Contracts/MW-01/81/12908-11	Gini Pozzolan Testing -Information Requested from Dasu HPP	
1.8. Dasu-MW-02				
Dasu-Office				
86.	12.09.22	GM/PD/DHPP/Security/S-10/1198-1200	On the Recent Occurrence of Frequent theft Incident and FC, the Police Ability to Carry Out the Problem	
87.	13.09.22	GM/PD/Dasu HPP/Accts/MW-02/6014-17	Release of Payment of Contract ICB No. Dasu - MW-02, IPC No.30 (IPA 31 (LC)	
88.	27.09.22	GM/PD/Dasu HPP/S&D/MW-02/12890-94	Report on the Delay in Land Hand Over	
1.9. Dasu-LBRV-11				
Dasu-Office				
89.	06.09.22	GM/PD-Dasu HPP/LA/S&R/ 66/6147-48	Rehabilitation of Irrigation Channel Damaged due to Construction of Resettlement Village Kuz Chuchang-04 (Additional)	

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90.	07.09.22	GM/PD/DHPP/Contracts/LBRV-11/71/12356-58	Request for Omission of Public Structures and Resettlement Site from the Ambit of Contract	
1.10. Dasu-PCI-01R				
Dasu office				
91.	06.09.22	GM/PD/DHPP/Contracts/KKH-01/17/12319-25	Workmen's Compensation (WC) Insurance Policy	
92.	13.09.22	GM/PD/DHPP/Contracts/PCI-01R/37/12698-12706	Release of Payment of Contract ICB No. Dasu - MW-02, IPC No.30 (IPA 31 (LC)	
93.	20.09.22	GM/PD/DHPP/Contracts/PCI-01R/37/12689-97	Verification Authentication of Advance Payment Security Bank Guarantee	
94.	26.09.22	GM/PD/DHPP/Contracts/PCI-01R/32/12841-44	Diesel Generators and Solar System for Project Office and Category -1 and 2 Houses at Project Colony	
95.	28.09.22	GM/PD/DHPP/PCI-01R/12947-49	Contractor's Request for the Omission of Five Buildings from the Contractor's Scope	
1.11. Dasu-EM-01				
Dasu-Office				
96.	05.09.22	GM/PD/DHPP/Contracts/EM-01/101/12242-46	Proposal to ADD Supplier of Stay Ring - GE Hydro China Co	
97.	07.09.22	GM/PD/DHPP/Contracts/EM-01/107/12364-70	Submission of Draft Cargo Insurance Documents of First Batch of Equipment by the Contractor	
98.	08.09.22	GM/PD/DHPP/Contracts/EM-01/Cos/102/12430-35	Change Order	
99.	08.09.22	GM/PD/Dasu HPP/TL-05/2022/12448-49	Joint Site Visit for Finalization of Temporary Storage Space	
100.	07.09.22	GM/PD/Dasu HPP/EM-01/1 2607-08	Employers Inspection Certificate for Rotor Supporting Tool.EM-01	
101.	16.09.22	GM/PD/Dasu HPP/EM-01/12618-19	Employers Inspection Certificate No.2 & 3 for Draft Tube Elbow and Diffuser Draft Tube Anchoring Unit -3	
102.	27.09.22	GM/PD/DHPP/Contracts/EM-01/101/12898-12902	Import Process Confirmation Request - Request WAPDA Project Team to advance Way Forward in Custom Clearance	
103.	27.09.22	GM/PD/Dasu EM-01/12858-59	Employers Inspection Certificate No.1.2 & 3	
104.	28.09.22	GM/PD/DHPP/Contracts/EM-01/101/12903-07	Duties and Import Tax Exemption Application -Request for Advice Way - Forward	
105.	29.09.22	GM/PD/DHPP/Contracts/DB/EM-01/116F/12955-56	Submission of Contractor's Dispute Board (DB) Member for Approval	
1.12. Dasu-RV				
Dasu-Office				
106.	05.09.22	GM/PD/DHPP/Contracts/Dasu-RV/GEN/74/12247-51	Appointment of Adjudicator	
107.	08.09.22	GM/PD/DHPP/Contracts/Dasu-RV/74/12424-29	Request for Extension of Advance Payment Guarantee	
108.	20.09.22	GM/PD/DHPP/Contracts/Dasu-RV/74/12707-15	Verification Authentication of Revalidated Advance Payment Security - Bank Guarantee	
1.13. Dasu-S&R				
Dasu-Office				
109.	05.09.22	GM/PD/DHPP/LA-S&R/W-100/804-05	Handing Taking Over Certificates	
110.	05.09.22	GM/PD-Dasu HPP(Field)/S&R/66/6153-54	Payment of ESMR Package to House Hold (Khasra No.68 Nut Bail to Sluch Bridge Component, Kandia Valley	
111.	06.09.22	GM/PD-DHPP/LA-S&R/W-160/813-15	Rectified Revenue Record in Respect of Access Road to Resettlement Site-4 Kuz Chuchang	
112.	06.09.02	GM/PD-Dasu HPP/LA-S&R/ 66/6145-46	Development of Resettlement Village Khushi 02 Link 01 DHPP	
113.	06.09.22	GM/PD-Dasu HPP(Field)/S&R/66/6149-50	Payment of ESMR Package to House Hold (Khasra No. 120) Kot Gal Area	
114.	09.09.02	GM/PD/DHPP/LA-S&R/W-128/823-25	Assessment Report of Broad Leaf Wild Fruit Trees in Respect of Bailey Bridge Gumoon Looter Right Side Area-1	
115.	13.09.22	GM/PD/DHPP/S&R/2022/E-66/6179	Application Regarding Self-Managed Relocation (SMR)	
116.	13.09.22	GM/PD-DHPP/LA/S&R/W-128/823-34	Provision of Funds for Disbursement of Compensation for Fruit Plants in Respect of the Component Viz Bailey Bridge Gumoo Right Side Area-1	
117.	13.09.22	GM/PD-DHPP/LA/S&R/W-18/ 835	Verification of Land Rent for Khra No.147 (Masjid Madrassa In Respect of the Component VIZ Kass Disposal Area File-1	
118.	16.09.22	PD-DHPP/DG-SS/S&R/E-29/ 6194-95	Stoppage of TRP Payment Until Handing Over the Plots in Respective RVS to AHHS	
119.	16.09.22	6197/IGRC-01	Grievances Complaints of ESMAR Package Were Sent to (DHC) Through Director (S&R) WAPDA in the Working Committee & Field Verification Committee	
120.	22.09.22	GM/PD/DHPP/S&R/E-66/6216	Application Regarding Self-Managed Relocation (SMR)	
121.	28.09.22	PD-DHPP/DG-SS/S&R/E-29/6234-35	Stoppage of TRP Payment until Handing Over the Plots in Respective RVS to the AHHS	
122.	29.09.22	GM/PD/DHPP/S&R/2022/E-66/6240	Application Regarding Self - Managed Relocation (SMR)	
123.	30.09.22	GM/PD/DHPP/S&R/2022/E-66/6247	Application Regarding Self -Managed Relocation (SMR)	
1.14. Dasu-LADP				
Dasu Office				
124.	06.09.22	GM/PD/DHPP/S&R/E-34/ 6123-26	Submission of 20 Copies of Bidding Documents for Rehabilitation and Upgradation of Drinking Water Supply Facilities in 03 Towns	
125.	12.09.22	GM/PD/DHPP/S&R/E-34/ 6172-75	Stoppage of work at Dong Nala Road Under PKG-01 Road Schemes	
126.	12.09.22	GM/PD/DHPP/S&R/E-18/ 6177-78	Quotations for Procurement of Two (02) Ambulances	
127.	05.09.22	GM/PD/DHPP/Accts/5867-70	Release of Payment of LADP RHC IPC No.06	
128.	22.09.22	GM/PD/DHPP/Contracts/LADP-RHC/129C/12787-90	Request for Extension of Advance Payment Guarantees	
129.	22.09.22	GM/PD-DHPP/LA/S&R/W-160/851-53	Provision of Funds for Disbursement of Compensation for Forest -Non - Fruit Trees In Respect of the Component Viz Access Road to Resettlement Site -4 (kuz Choochang) Area -1	
130.	22.09.22	GM/PD-DHPP/LA/S&R/W-160/845-47	Provision of Funds for Disbursement of Compensation for Built up Property In Respect of the Component Viz" Bailey Bridge Gummon - Looter (Right Side) Area 01	

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131.	27.09.22	PD/DHPP/S&R/E-34/6231-33	LADP Additional -Varied Works of Seo (02 km) Road Package -1 Road Scheme	
132.	28.09.22	GM/PD/DHPP/S&R/E-34/6238-39	LADP-Spreading of Dengue due to Stagnation of Water in the Excavated Drain	
2. From Contractors				
2.1. Dasu-RAR-01				
Dasu Office				
133.	02.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-063	Submission of 7th Workman Compensation Insurance Extension of RAR-01	
134.	07.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-064	Head Wise Substantiation of Claim for Changes in Cost due to Market inflation for Section of works from K9 to K12 on Account of Claim No	
135.	09.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-065	Stoppage of Works by Landowners at K1+300 and K1+350 Komila bypass	
136.	13.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-066	Request in Connection with Extension of Performance Guarantee and Advance Payment Guarantee	
137.	15.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-067	Request for Confirmation and Payment of Insurance and guarantee Extension Claim Amount Determined by the Engineer.RAR-01	
138.	15.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-068	Unresolved Locals Houses Issues at Different Locations at Komila Bypass.RAR-01	
139.	15.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-069	Submission of 5th 6th 7th Extension of Workmen Compensation Insurance RAR-01 (069)	
140.	18.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-070	Substantiation of on Site Management Overhead Cost on Account of Claim No. C1C4 During the Extended Time for Completion of 498 Days EOT-1	
141.	26.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-031	Submission of Weekly Progress Reports	
142.	28.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-071	Stoppage of Construction Activities by Local Peoples at K1+860 around (Komila Bypass)	
143.	30.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-072	Notice of Applying for New initial Performance Guarantee & Advance Payment Guarantee	
144.	29.09.22	CCECC/PAK/DASUFIELD/RAR-01/22-WR-032	Submission of Weekly Progress Reports	
2.2. Dasu-RAR-02				
Dasu-Office				
145.	01.09.22	CGGC/RAR-02/TD/DHC-376	Submission of the Method Statement for the Earthwork of RAR-02	
146.	01.09.22	CGGC/RAR-02/ED/DHC-377	Report on the Inability of Material Mobilization as a Result of Flooding	
147.	02.09.22	CGGC/RAR-02/ED/DHC-378	Report about RAR-02 Construction Obstructed by the Locals	
148.	06.09.22	CGGC/RAR-02/HRD/DHC-380	Submission of Staff Information List	
149.	06.09.22	CGGC/RAR-02/HRD/DHC-381	Weekly Progress Report of RAR-02 (2022.08.29-2022.09.04)	
150.	06.09.22	CGGC/RAR-02/CD/DHC-382	Illegal Strike on 9th January 2022	
151.	08.09.22	CGGC/RAR-02/CD/DHC-383	Selection of Sole Member for the Dispute Board	
152.	09.09.22	CGGC/RAR-02/HRD/DHC-384	Apply for Approval of OHSO for RAR-02	
153.	09.09.22	CGGC/RAR-02/ED/DHC-385	Report on the Delay in Land Handover	
154.	11.09.22	CGGC/RAR-02/HRD/DHC-386	Submission of KKH-02 & RAR-02 HR Policy & Code of Conduct	
155.	12.09.22	CGGC/RAR-02/ED/DHC-387	Blasting Plan in Next Week of RAR-02	
156.	13.09.22	CGGC/RAR-02/PD/DHC-388	Letter on Requesting the Engineer and the Employer to Assist in Import Customs Clearance of Construction Equipment and Accessories	
157.	14.09.22	CGGC/RAR-02/TD/DHC-389	Submission of Dogah and Seer Gayal Bridge Geotechnical Investigation Work Plan (RAR-02)	
158.	12.09.22	CGGC/RAR-02/ED/DHC-390	Weekly Progress Report of RAR-02 (2022.09.05-2022.09.11)	
159.	14.09.22	CGGC/RAR-02/ED/DHC-391	Regarding Damage to Contractors Equipment During the Restoration of Local Roads in Kandia.RAR-02	
160.	17.09.22	CGGC/RAR-02/PD/DHC-392	Transport Cement and Other Materials Through N-15	
161.	18.09.22	CGGC/RAR-02/ED/DHC-393	Monthly Progress Report RAR-02	
162.	19.09.22	CGGC/RAR-02/ED/DHC-394	Regarding Kandia and Gayal Access Roads	
163.	19.09.22	CGGC/RAR-02/ED/DHC-395	Regarding Poor Work Progress Issues	
164.	21.09.22	CGGC/RAR-02/ED/DHC-397	Regarding Rehabilitation of Kandia Access Road Construction	
165.	20.09.22	CGGC/RAR-02/ED/DHC-398	Weekly Progress Report of RAR-02	
166.	26.09.22	CGGC/RAR-02/ED/DHC-398	Blasting Plan in Next Week of RAR-02	
167.	27.09.22	CGGC/RAR-02/ED/DHC-400	Weekly Progress Report of RAR-02	
2.3. Dasu-KKH-01				
Dasu Office				
168.	01.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-096	OSH KPI August 2022	
169.	01.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-097	Resubmission of Electromechanical Design for Tunnels and Bridges	
170.	01.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-098	Submission of Third Party Laboratory Test Results for Elastomer Bearing Pad , Expansion Joints , Water Stopper	
171.	03.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-097	Resubmission of Electromechanical Design for Tunnels and Bridges	
172.	03.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-098	Lists of Expatriate and National Staff Employees Workers	
173.	03.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-099	Loss of Contractors Documents due to Inundation of Uchar Camp	
174.	03.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-100	Third Party Laboratory Test Results of Material Samples for Source Approval of Jianshang Industries and Long Man Industry Sales	
175.	07.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-101	Reinstatement of Contractors Camp and Temporary Site Facilities Destroyed by Floods	
176.	09.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-099	Monthly OHS Monitoring Report # 80, August 2022	
177.	09.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-100	Monthly EHS Monitoring Report # 80, August 2022	
178.	09.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-102	On the Matter of Violation of SOPs for the Movement of Chinese Personnel	
179.	09.09.22	CCECC/PAK/DASUFIELD/KKH-01/22-103	Explanation for Topics Remained to be Clarified on Design Meeting for KKH-01 Bridges	

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180.	12.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-104	Resubmission of Quotation Breakdown for Latest and Future Slope Protection	
181.	13.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-105	Request for Employers Letter to Attock Petroleum for Provision of Bitumen Grade 60-70 Bulk Rate	
182.	13.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-106	Request in Connection with Extension of Initial Performance Guarantee for Original Contract Value of KKH-01	
183.	15.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-107	Request for Confirmation and Payment of Insurance and Guarantee Extension Claim Amount Determined by the Engineer.KKH-01	
184.	15.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-108	Application of New Weightings of the Rates for VO-005.KKH-01	
185.	15.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-109	Comments on Draft of Professional Indemnity Insurance.KKH-01	
186.	15.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-110	Submission of 5th Extension of Workmen Compensation Insurance KKH-01	
187.	16.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-111	Resubmission of Revised Statement for the Construction of K4 Tunnel.KKH-01	
188.	16.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-112	Request for Provision of Bitumen Grade 60-70 Bulk Rate from Attock Petroleum.KKH-01	
189.	18.09.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/-22-011	Submission of Steel Samples for Testing	
190.	18.09.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/-22-012	Submission of Admixture Samples for Testing	
191.	18.09.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/-22-013	Submission of Accelerator Samples for Testing	
192.	18.09.22	CCECC/PAK/DASUFIELD/KKH-01&RAR-01/-22-014	Submission of Cement Samples for Testing	
193.	19.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-113	Schedule of Laboratory Visit for Submission of Samples for Third Party Testing	
194.	21.09.22	CCECC/PAK/DASUFIELD/KKH-01/HSE-22-101	Fortnightly Explosive Record , 01-15 September 2022	
195.	24.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-114	Methodology for Excavation of K9 -Tunnel Entrance -Underground and Serial arch Installation	
196.	25.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-115	Notice of Claim - Disruption of Main Materials Transportation due to Maximum Weight Limit by NHA	
197.	30.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-116	Source of Material for Rock Construction	
198.	30.09.22	CCECC/PAK/DASUFIELD/KKH-01/-22-117	Notice of Applying for New Initial Performance Guarantee for Original Contract	
2.4. Dasu-KKH-02				
Dasu Office				
199.	05.09.22	CGGC/KKH-02/ED/DHC-231	Blasting Plan in Next Week of KKH-02	
200.	05.09.22	CGGC/KKH-02/ED/DHC-232	Weekly Progress Report (2022.0829-2022.09.04)	
201.	06.09.22	CGGC/KKH-02/HRD/DHC-233	Submission of Staff Information List	
202.	08.09.22	CGGC/KKH-02/CD/DHC-234	Selection of Sole Member for the Dispute Board	
203.	07.09.22	CGGC/KKH-02/CD/DHC-235	Provision of Office Accommodation for the Engineer	
204.	13.09.22	CGGC/KKH-02/ED/DHC-236	Right of Effective Access to and Possession of All Parts of Site Under the Contract	
205.	13.09.22	CGGC/KKH-02/ED/DHC-237	Weekly Progress Report	
206.	13.09.22	CGGC/KKH-02/ED/DHC-238	Blasting Plan in Next Week of KKH-02	
207.	14.09.22	CGGC/KKH-02/CD/DHC-239	Forcefully Occupation of the Contractors Pakistani Staff Dormitories by Army Officials at Kaigah Camp.KKH-02	
208.	15.09.22	CGGC/KKH-02/ED/DHC-240	Monthly Progress Report KKH-02	
209.	17.09.22	CGGC/KKH-02/ED/DHC-241	Report on the Delay in Land Handover.KKH-02	
210.	19.09.22	CGGC/KKH-02/CD/DHC-242	Interim Claim KKH-02 -C-01 (02)	
211.	19.09.22	CGGC/KKH-02/CD/DHC-243	Proposed Equipment Stuck Due to Damaged Patten Bridge	
212.	19.09.22	CGGC/KKH-02/ED/DHC-244	Weekly Progress Report	
213.	19.09.22	CGGC/KKH-02/ED/DHC-245	Blasting Plan In Next Week of KKH-02	
214.	19.09.22	CGGC/KKH-02/ED/DHC-246	Request to Approach the Employer to Assist the Contractor on the Issue of Camp's Land Lease at Looter	
215.	19.09.22	CGGC/KKH-02/ED/DHC-247	Submission of Curriculum Vitae of Occupational Health and Safety Specialist for KKH-02	
216.	26.09.22	CGGC/KKH-02/CD/WAPDA/5	Letter on Requesting the Employer to Assist in Import Customs Clearance of Construction Equipment and Accessories	
217.	26.09.22	CGGC/KKH-02/ED/DHC-248	Blasting Plan in Next Week of KKH-02	
218.	26.09.22	CGGC/KKH-02/ED/DHC-249	Weekly Progress Report	
219.	26.09.22	CGGC/KKH-02/CD/DHC-250	Additional Cost Resulting from Delay in Issuance of Instruction to Commence	
220.	26.09.22	CGGC/KKH-02/CD/DHC-251	Interim Claim Submission Time	
221.	28.09.22	CGGC/KKH-02/CD/DHC-252	Equipment Delay Caused by the Authorities	
2.5. Dasu-TL-01				
Dasu Office				
222.	04.09.22	PC/Dasusite/TL-01/2022-168	Submission of Monthly Progress Report for August 2022	
223.	05.09.22	PC/Dasusite/TL-01/2022-170	Data List of In-Migrants Pak Workforce & Daily Wagers Data for the Month of Aug, 2022	
224.	04.09.22	PC/Dasusite/TL-01/2022-169	Request for Security Protection During Travelling	
225.	05.09.22	PC/Dasusite/TL-01/2022-171	Submission of List of Vehicles for the Month of August 2022	
226.	06.09.22	PC/Dasusite/TL-01/2022-172	Submission of 70 Health, Safety & Environment Report for the Month of August 2022	
227.	06.09.22	PC/Dasusite/TL-01/2022-173	Submission of Weekly Progress Report	
228.	06.09.22	PC/Dasusite/TL-01/2022-174	Request for Security Protection during Travelling	
229.	07.09.22	PC/Dasusite/TL-01/2022-175	Submission of Power Distribution Box Drawing for Control House Building of Grid Station	
230.	07.09.22	PC/Dasusite/TL-01/2022-176	Submission of Cable Laying Diagram Drawing for Control House Building of Grid Station	
231.	09.09.22	PC/Dasusite/TL-01/2022-177	Stoppage of Work by land Owner at Grid Station	

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232.	13.09.22	PC/Dasusite/TL-01/2022-178	Submission Weekly Progress Report	
233.	18.09.22	PC/Dasusite/TL-01/2022-179	Submission of Approved Cable Laying Drawing for Control House Building of Grid Station	
234.	20.09.22	PC/Dasusite/TL-01/2022-180	Submission of Weekly Progress Report	
235.	23.09.22	PC/Dasusite/TL-01/2022-181	Row Issue at T129A	
236.	23.09.22	PC/Dasusite/TL-01/2022-182	Extension of Advance Payment Guarantee	
237.	26.09.22	PC/Dasusite/TL-01/2022-183	Revised Clarification - Design Calculation of Gantries Foundation Drawings	
2.6. Dasu-MW-01				
Dasu-Office				
238.	01.09.22	CGGC/MW-01/PD/DHC-2451	The Reply of the Engineer's Letter Regarding Dewatering of Diversion Tunnels	
239.	01.09.22	CGGC/MW-01/HRD/DHC-2452	Submission of CV and PMDC Certificate of Employed Doctor	
240.	01.09.22	CGGC/MW-01/ED/DHC-2453	Report on the Inability of Material Mobilization as a Result of Flooding	
241.	02.09.22	CGGC/MW-01/TD/DHC-2454	Issues about Power Supply of Uchar 1 # Crushing and Batching Plant	
242.	02.09.22	CGGC/MW-01/TD/WAPDA-71	Issues about Power Supply of Uchar 1# Crushing and Batching Plant	
243.	01.09.22	CGGC/MW-01/TD/DHC-2455	Submission of Guideline of Starter Dam Filling Compaction Tests (D3)	
244.	02.09.22	CGGC/MW-01/HSED/DHC-2456	Occupational Health and Safety Report for August 2022	
245.	03.09.22	CGGC/MW-01/TD/DHC-2457	Submission of the Construction Drawing of Diversion Tunnel Gate (D3)	
246.	03.09.22	CGGC/MW-01/ED/DHC-2458	Reply to Safety Notice	
247.	04.09.22	CGGC/MW-01/CD/DHC-2459	Instruction to Commence Design and Procurement of Power Supply System to No.1 Crushing Plant and No.1 Batching Plant at Uchar Toki	
248.	05.09.22	CGGC/MW-01/TD/DHC-2460	Submission of Diversion Tunnel Dewatering Plan	
249.	05.09.22	CGGC/MW-01/ED/DHC-2461	Blasting Plan in Next of MW-01	
250.	06.09.22	CGGC/MW-01/HRD/DHC-2462	Submission of staff information List	
251.	06.09.22	CGGC/MW-01/ED/DHC-2463	Weekly Progress Report of MW-01 (2022.08.29-2022.09.04)	
252.	06.09.22	CGGC/MW-01/TD/DHC-2464	Submission of Method Statement of Starter Dam Cut-off Wall	
253.	07.09.22	CGGC/MW-01/CD/DHC-2465	River Diversion Scheme-Completion of River Diversion Tunnels and Starter Dam	
254.	08.09.22	CGGC/MW-01/CD/DHC-2466	Claim for Additional Payment for the Changes in Legislation for Contract MW-01	
255.	08.09.22	CGGC/MW-01/TD/DHC-2467	The Method Statement of the Emergency Dredging for Diversion Tunnel	
256.	10.09.22	CGGC/MW-01/ED/DHC-2468	Obstruction of Access Road of the Right Bank Cable Crane Platform	
257.	09.09.22	CGGC/MW-01/ED/DHC-2469	Report on the Delay in Land Handover	
258.	11.09.22	CGGC/MW-01/HSED/DHC-2470	Incident Investigation Report for the Incident Occurred at CR4 LBTT	
259.	12.09.22	CGGC/MW-01/ED/DHC-2471	Blasting Plan in Next Week of MW-01	
260.	13.09.22	CGGC/MW-01/PD/DHC-2472	Letter on Requesting the Engineer and the Employer to Assist in Import Customs Clearance of Construction Equipment and Accessories	
261.	12.09.22	CGGC/MW-01/CD/DHC-2473	Draft of Temporary Interim Arrangement for Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plant	
262.	11.09.22	CGGC/MW-01/TD/DHC-2474	Submission of the River Closure and Accelerated Construction Method Statement After Running of DT-B	
263.	12.09.22	CGGC/MW-01/ED/DHC-2475	Weekly Progress Report of MW-01 (2022.09.05-2022.09.11)	
264.	13.09.22	CGGC/MW-01/PD/DHC-2476	Reply to the Letter Regarding Provision of Explosive Materials	
265.	15.09.22	CGGC/MW-01/TD/DHC-2477	Submission of the Petrographic Analysis Test Report for Rock Samples in Third Party.MW-01	
266.	15.09.22	CGGC/MW-01/TD/DHC-2478	Submission of SBT WRA Slump Concrete Mix Design (28d)	
267.	16.09.22	CGGC/MW-01/CD/DHC-2479	Measurement of Remedial Measures for Arch Portion of Part 2 and Part 3 of the Inlet DT-A Portal Lining Section.MW-01	
268.	17.09.22	CGGC/MW-01/CD/DHC-2480	Transport Cement and Other Materials Through N-15	
269.	17.09.22	CGGC/MW-01/PD/DHC-2481	Submit the Third-Party Test Results of Material in April	
270.	17.09.22	CGGC/MW-01/PD/DHC-2482	Submit the Third- Party Test Results of Material in May	
271.	18.09.22	CGGC/MW01/HSED/WAPDA-73	Letter Regarding Temporary Change of Security Forces During the Chinese Movement	
272.	19.09.22	CGGC/MW-01/ED/DHC-2484	Blasting Plan In Next Week of MW-01	
273.	18.09.22	CGGC/MW-01/ED/DHC-2483	Monthly Progress Report MW-01	
274.	19.09.22	CGGC/MW-01/TD/DHC-2485	Submission of Tendons - Anchors Grout Mix Design	
275.	20.09.22	CGGC/MW-01/ED/DHC-2486	Letter Regarding the Issuance of two (2) Day work Order of Demolition for Assisting the Employer Land Acquisition	
276.	20.09.22	CGGC/MW-01/PD/DHC-2487	Letter Regarding the Assistant and Support on Customs Clearance	
277.	20.09.22	CGGC/MW-01/TD/DHC-2488	Submission of Natural Pozzolan (GNP) Third - Party Testing Results and Requested to Approval Gini Natural Pozzolan	
278.	21.09.22	CGGC/MW-01/TD/DHC-2489	Submission of Layout Plan of Kass Main Camp (D2)	
279.	20.09.22	CGGC/MW-01/ED/DHC-2490	Weekly Progress Report of MW-01	
280.	22.09.22	CGGC/MW-01/TD/DHC-2491	Submission of the Plan Material Testing In Third -Party In September	
281.	25.09.22	CGGC/MW-01/CD/DHC-2493	Submission of Interim Claim	
282.	26.09.22	CGGC/MW-01/HSED/DHC-2494	Reply to GBC Colony Hattian Camp Security Measures	
283.	26.09.22	CGGC/MW-01/TD/DHC-2495	Requested to Relocate Local Resident Near the Uchar 1 # Crushing Plant	
284.	26.09.22	CGGC/MW-01/ED/DHC-2492	Blasting Plan in Next Week of MW-01	
285.	25.09.22	CGGC/MW-01/HSED/DHC-2496	Incident Investigation Report for LBTT on September 9th 2022	
286.	27.09.22	CGGC/MW-01/HSED/DHC-2497	Submission of Interim Claim	
287.	26.09.22	CGGC/MW-01/TD/DHC-2498	Reply to the Comments of Guideline of Stater Dam Filling Compaction Tests (D3)	
288.	26.09.22	CGGC/MW-01/TD/DHC-2499	Letter Regarding Completion Date of Drainage and Starting Date of Mud Removal for the Diversion Tunnel	
289.	27.09.22	CGGC/MW-01/ED/DHC-2500	Weekly Progress Report of MW-01	
290.	29.09.22	CGGC/MW-01/PD/DHC-2501	Submission of the Document for Bentonite Manufacturer Information for MW-01	
291.	30.09.22	CGGC/MW-01/ED/DHC-2502	Reply to Suspension of Construction of Kass Main Camp	
292.	29.09.22	CGGC/MW-01/TD/DHC-2503	Submission of the Petrographic Analysis Test Report for Rock Samples in Third Party	
293.	29.09.22	CGGC/MW-01/TD/DHC-2504	Reply the Engineer's Letter of the Necessary Measures to be Taken by the Contractor Against Alkali Silica Reactivity Potential of the Concretes	
294.	29.09.22	CGGC/MW-01/CD/DHC-2505	DB's Decision for Dispute in Application of the Tender Discount	
2.7. Dasu-MW-02				

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Dasu-Office			
295.	01.09.22	CGGC/MW-02/ED/DHC-1767	Report on the Inability of Material Mobilization as a Result of Flooding
296.	02.09.22	CGGC/MW-02/HSED/DHC-1768	Occupational Health and Safety Report for August 2022
297.	05.09.22	CGGC/MW-02/TD/DHC-1769	Suspension Work of MW-02
298.	06.09.22	CGGC/MW-02/HRD/DHC-1770	Submission of staff information List
299.	06.09.22	CGGC/MW-02/ED/DHC-1771	Weekly Progress Report of MW-02 (2022.08.29-2022.09.04)
300.	07.09.22	CGGC/MW-02/ED/DHC-1772	Reply to Cooperation with Other Contractor (CCECC)
301.	06.09.22	CGGC/MW-02/CD/DHC-1773	Illegal Strike due to Involvement by Local Religious Forces
302.	07.09.22	CGGC/MW-02/HRD/DHC-1774	Recommend and for Approval of OHSO Manager for MW-02
303.	07.09.22	CGGC/MW-02/HRD/DHC-1775	Supplemental Submission Information of Lead Mechanic of Mr He Min
304.	06.09.22	CGGC/MW-02/TD/DHC-1776	Submission of the Description and Reference Document of Penstock Material Substitution (HSS)
305.	06.09.22	CGGC/MW-02/TD/DHC-1777	Request to Resume the Construction of the Power House Intake
306.	08.09.22	CGGC/MW-02/CD/DHC-1778	Claim for Additional Payment for the Changes in Legislation for Contract MW-02
307.	08.09.22	CGGC/MW-02/HRD/DHC-1779	Termination of the Contractors Supervisors for CT2 Work
308.	08.09.22	CGGC/MW-02/HRD/DHC-1780	Submission of Termination Notice of Mr. Zafar (MW-02OHSO)
309.	09.09.22	CGGC/MW-02/HRD/DHC-1781	Submission of the Proof to Justify Compensation Been Made to the Fatality Incident
310.	09.09.22	CGGC/MW-02/ED/DHC-1782	Report on the Delay in Land Handover
311.	12.09.22	CGGC/MW-02HS/ED/DHC-1783	Submission of Updated Traffic Management Plan of MW-02
312.	12.09.22	CGGC/MW-02HS/ED/DHC-1784	Submission of Updated Emergency Preparedness and Response Plan of MW-02
313.	12.09.22	CGGC/MW-02HS/ED/DHC-1785	Submission of Updated Permit to Work of MW-02
314.	12.09.22	CGGC/MW-02HS/ED/DHC-1786	Submission of Inspection Report of Electrical System of MW-02
315.	12.09.22	CGGC/MW-02HS/HRD/DHC-1787	Apply for Approval of OHSO for MW-02
316.	13.09.22	CGGC/MW-02/PD/DHC-1788	Letter on Requesting the Engineer and the Employer to Assist in Import Customs Clearance of Construction Equipment and Accessories
317.	12.09.22	CGGC/MW-02/HSED/DHC-1789	Submission of Updated Permit to Work of MW-02 Night Shift Supervisor
318.	13.09.22	CGGC/MW-02/EMD/DHC-1790	Submission Construction Equipment Inspection Report of MW-02
319.	13.09.22	CGGC/MW-02/TD/DHC-1791	Notice on the Collapse of the Connecting Tunnel Crown of the Transformer Cavern
320.	13.09.22	CGGC/MW-02/HSED/DHC-1792	Submission of Jumbo Machine Maintenance Report of MW-02
321.	13.09.22	CGGC/MW-02/HSED/DHC-1793	Submission of Cable Rectification Report
322.	12.09.22	CGGC/MW-02/ED/DHC-1794	Weekly Progress Report of MW-02 (2022.09.05-2022.09.11)
323.	13.09.22	CGGC/MW-02/HSED/DHC-1795	Reply to the Letter Regarding Provision of Explosive Materials
324.	13.09.22	CGGC/MW-02/ED/DHC-1796	Request to Resume the Construction of MW-02 Contract
325.	15.09.22	CGGC/MW-02/TD/DHC-1797	Submission of the Petrographic Analysis Test Report for Rock Samples in Third Party.MW-02
326.	15.09.22	CGGC/MW-02/TD/DHC-1798	Submission of SBT WRA Pump Slump Concrete Mix Design (28d).MW-02
327.	16.09.22	CGGC/MW-02/CD/DHC-1799	Illegal Strike Due to Involvement by Local Religious Forces.MW-02
328.	16.9.22	CGGC/MW-02/CD/DHC-1800	Confirm The Tension and Anchorage Length of the Tensioned Rock Bolt in the Surge Chamber.MW-02
329.	17.09.22	CGGC/MW-02/CD/DHC-1801	Transport Cement and Other Materials Through N-15
330.	17.09.22	CGGC/MW-02/PD/DHC-1802	Submit the Third-Party Results of Materials in April
331.	17.09.22	CGGC/MW-02/PD/DHC-1803	Submit the Third-Party Test Results of Material in May
332.	17.09.22	CGGC/MW-02/HSED/DHC-1804	Submission of Response Inspection of Electrical Installations and Rectification at Site
333.	17.09.22	CGGC/MW-02/HSED/DHC-1805	Submission of Response Inspection of all Electrical Installations Inside the Tunnels and Arrange
334.	17.09.22	CGGC/MW-02/HSED/DHC-1806	Submission of Response Underground Safety
335.	17.09.22	CGGC/MW-02/HSED/DHC-1807	Submission of Response Electrical Cable Suspended Behind the Rock Dowel
336.	17.09.22	CGGC/MW-02/HSED/DHC-1808	Submission of Response Safety Malpractices within Power House Cavern
337.	17.09.22	CGGC/MW-02/HSED/DHC-1809	Submission of Response Electrical Hazard Within Underground Powerhouse Complex
338.	17.09.22	CGGC/MW-02/HSED/DHC-1810	Submission of Response Potential Electrical Hazard within Surge Chamber Vault Access Tunnel
339.	17.09.22	CGGC/MW-02/HSED/DHC-1811	Submission of Response Exposure of Earthing Cable
340.	17.09.22	CGGC/MW-02/HSED/DHC-1812	Submission of Response CGGC Management Instructed to the Electrical Team
341.	17.09.22	CGGC/MW-02/HSED/DHC-1813	Submission of Response Underground Powerhouse Potential HV Electrical Cables Hazards Approx. Ch.0+135m
342.	17.09.22	CGGC/MW-02/HSED/DHC-1814	Submission of Response Unsafe and Unsupported Electrical within PH-II Drain Tunnel-1 Submerged in Water
343.	17.09.22	CGGC/MW-02/HSED/DHC-1815	Submission of Updated Permit to Work of CT-02 Supervisor
344.	18.09.22	CGGC/MW-02/ED/DHC-1816	Monthly Progress Report MW-02
345.	19.09.22	CGGC/MW-02/HRD/DHC-1817	Letter Regarding the Termination of CGGC OHS
346.	19.09.22	CGGC/MW-02/HRD/DHC-1818	Submit the Warning Letter from the Contractor about Poor OHS Execution
347.	19.09.22	CGGC/MW-02/HRD/DHC-1819	Apply for Approval of OHSO for MW-02
348.	18.09.22	CGGC/MW-02/ED/DHC-1820	Request to Resume the Construction of MW-02
349.	19.09.22	CGGC/MW-02/TD/DHC-1821	Submission of Tendons -Anchors Grout Mix Design
350.	20.09.22	CGGC/MW-02/TD/DHC-1822	Submission of Natural Pozzolan (GNP) Third -Party Testing Results and Requested to Approval Gini Natural Pozzolan
351.	17.09.22	CGGC/MW-02/EMD/DHC-1823	Submission Construction Equipment Inspection Report of MW-02
352.	20.09.22	CGGC/MW-02/EMD/DHC-1824	Weekly Progress Report of MW-02
353.	22.09.22	CGGC/MW-02/TD/DHC-1825	Submission of the Plan for Material Testing In Third -Party In September
354.	24.09.22	CGGC/MW-02/TD/DHC-1826	Pending Issues of the Grounding System Drawing of the House and Transformer Cavern
355.	22.09.22	CGGC/MW-02/TD/DHC-1827	Requested to Repair KKH Road Near CT2 Tunnel
356.	24.09.22	CGGC/MW-02/TD/DHC-1828	Repair of the Crown of Transformer Cavern Connection Tunnel and Resumption of Transformer Cavern Construction

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357.	24.09.22	CGGC/MW-02/GD/DHC-1829	Reply to the Engineer's Instructions	
358.	22.09.22	CGGC/MW-02/TD/DHC-1830	Reply to the Reviewed Comments of the Support Drawings for the 2# Penstock Adit Plugging Section	
359.	25.09.22	CGGC/MW-02/TD/DHC-1831	Request to Address the Issues Regarding Measurement and Payment of Relocation of KKH In Tailrace Area	
360.	25.09.22	CGGC/MW-02/TD/DHC-1832	Submission of the Method Statement of the Vslut Surge Chamber Excavation and Support (D1)	
361.	25.09.22	CGGC/MW-02/CD/DHC-1833	Submission of Interim Claim	
362.	26.09.22	CGGC/MW-02/ED/DHC-1834	Blasting Plan of MW-02	
363.	25.09.22	CGGC/MW-02/HSED/DHC-1835	Reply to Rectification for MW-02	
364.	27.09.22	CGGC/MW-02/CD/DHC-1836	Submission of Interim Claim	
365.	29.09.22	CGGC/MW-02/TD/DHC-1837	Issuance of Pending Drawings of Surge Chamber Vent Tunnel and GIL - Air Tunnel	
366.	29.09.22	CGGC/MW-02/HRD/DHC-1838	Reply on Physical Assault between Chinese Personnel and DHC & CGGC Workers	
367.	27.09.22	CGGC/MW-02/HRD/DHC-1839	Weekly Progress Report of MW-02	
368.	30.09.22	CGGC/MW-02/HRD/DHC-1840	Apply for Approval of OHSO for MW-02	
369.	29.09.22	CGGC/MW-02/HRD/DHC-1842	Submission of the Petrographic Analysis Test Report for Rock Samples in Third Party	
370.	29.09.22	CGGC/MW-02/TD/DHC-1843	Reply the Engineer's Letter of the Necessary Measures to be Taken by the Contractor Against Alkali Silica Reactivity Potential of the Concretes	
371.	28.09.22	CGGC/MW-02/TD/DHC-1844	Submission of the Protection Construction Method Statement of Power Intake EL.873m Platform (D1)	
2.8. Dasu-LBRV-11				
Dasu-Office				
372.	07.09.22	ZEGL/DHC/LBRV-11/22-86	Variation Regarding Omission of Non-Handed Over Sites	
373.	07.09.22	ZEGL/DHC/LBRV-11/22-87	Submission of Application for Second Interim Extension of Time	
374.	09.09.22	ZEGL/DHC/LBRV-11/22-88	Submission of Eighteenth Interim Idle Cost Claim due to Disruption Works Stoppage by Local Community at Khoshe Site-2 Link-2	
375.	09.09.22	ZEGL/DHC/LBRV-11/22-89	Provision of Updated Staff List	
376.	16.09.22	ZEGL/DHC/LBRV-11/22-91	Submission of Cost Claim on Account of Inflation Due to Prolonged Delay.LBRV-11	
377.	18.09.22	ZEGL/DHC/LBRV-11/22-92	Submission of Interim Payment Application (IPA No.12	
378.	25.09.22	ZEGL/DHC/LBRV-11/22-91A	Submission of Revised Quotations for Purchasing the Construction Material for Installation of Safety Guard	
379.	25.09.22	ZEGL/DHC/LBRV-11/22-92A	Variation Regarding Omission of Non-Handed Over Resettlement Sites	
380.	25.09.22	ZEGL/DHC/LBRV-11/22-93	Omission of Work Related to Non-Handed Over Sites	
381.	30.09.22	ZEGL/DHC/LBRV-11/22-95	Handing Over Procedure of Completed Sites	
2.9. Dasu-LBRV-12				
Dasu-Office				
382.	07.09.22	ZEGL/DHC/LBRV-12/22-23	Submission of Application for Second Interim Extension of Time	
383.	10.09.22	ZEGL/DHC/LBRV-12/22-24	Variation Regarding Omission of Non-Handed Over Sites	
384.	23.09.22	ZEGL/DHC/LBRV-12/22-25	Handing Over Procedure of Completed Sites	
385.	25.09.22	ZEGL/DHC/LBRV-12/22-26	Variation Regarding Omission of Non-Handed Over Resettlement Sites	
386.	25.09.22	ZEGL/DHC/LBRV-12/22-27	Omission of Work Related to Non- Handed Over Sites	
2.11. PCI-01R				
Dasu- Office				
387.	07.09.22	CGICOP-DASU-PCI-01R-PO-1520	Submission of Interim Payment Application No 34	
388.	07.09.22	CGICOP-DASU-PCI-01R-PO-1521	Request for Payment IPC No.33	
389.	12.09.22	CGICOP-DASU-PCI-01R-PO-1522	Submission of Occupational Health and Safety Monthly Report August 2022	
390.	12.09.22	CGICOP-DASU-PCI-01R-PO-1523	Submission of Monthly Environmental Report August 2022	
391.	15.09.22	CGICOP-DASU-PCI-01R-PO-1524	Submission of Original Bank Guarantee & Performance Security for Extended Period of Time upto 1st April 2023.PCI-01R	
392.	15.09.22	CGICOP-DASU-PCI-01R-PO-1525	Notice of Force Majeure under GCC Clause 19.2 for Blockage of Main KKH.PCI-01R	
393.	17.09.22	CGICOP-DASU-PCI-01R-PO-1526	Submission of Cost Claim for Renewal of Insurance Policies of Workmen Compensation Contractors Plant .PCI-01R	
394.	17.09.22	CGICOP-DASU-PCI-01R-PO-1527	Outstation Movement of Chinese Foreigner	
395.	18.09.22	CGICOP-DASU-PCI-01R-PO-1528	Submission of Response to Non- Conformance Report OHS -22-15	
396.	18.09.22	CGICOP-DASU-PCI-01R-PO-1529	Monthly Progress Report for the Month of August 2022	
397.	20.09.22	CGICOP-DASU-PCI-01R-PO-1530	Monthly Report for Aug 2022 of Basic Health Clinic	
398.	26.09.22	CGICOP-DASU-PCI-01R-PO-1536	Information of Chinese Foreigner Schedule to Move to Islamabad from Dasu	
399.	27.09.22	CGICOP-DASU-PCI-01R-PO-1537	Information of Chinese Foreigner Schedule to move to Dasu from Islamabad - Request for Provision of Required Security Arrangements	
400.	27.09.22	CGICOP-DASU-PCI-01R-PO-1538	Request for Payment IPC No.34 of Contract No.DHP	
401.	30.09.22	CGGC-Dasu-PCI-01R-Po-1539	Submission of Final Incident Report of 19th Aug 2022 PCI-01R	
32.12 Dasu RV				
Dasu Office				
402.	13.09.22	KGL/Dasu-RV/21-156	Design, Supply, Installation Testing and Commissioning of Diesel Generator for Office Project and Cat-1&2 houses Project Colony	
403.	13.09.22	KGL/Dasu-RV/21-157	Design, Supply, Installation Testing and Commissioning of Solar System for Office Project and Cat-1&2 houses Project Colony	
404.	13.09.22	KGL/Dasu-RV/21-158	Re-Handing of Excavated Material (Stock Point)	
405.	27.09.22	KGL/Dasu-RV/21-160	Procurement of Works - Resettlement of Village Choochang and Construction of Shatial Measum	
406.	27.09.22	KGL/Dasu-RV/21-161	No Activity at Lower Kuz Choochang Upper Kuz Choochang and Relocated Choochang Site 1	
407.	28.09.22	KGL/Dasu-RV/21-162	Category 1 and 2 Houses at Project Colony	
408.	28.09.22	KGL/Dasu-RV/21-163	Rehabilitation of Irrigation Channel at Lower Kuz Choochang	
409.	28.09.22	KGL/Dasu-RV/21-164	Land Development of Plots	
410.	28.09.22	KGL/Dasu-RV/21-165	Approval of EOT 1 & 2 (
411.	28.09.22	KGL/Dasu-RV/21-166	Slow Progress on Available Work Fronts	
2.13 Dasu EM-01				

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Dasu Office				
412.	04.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0329	Delayed Approval for List of Contractors Technical Drawings	
413.	04.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0330	Reminder on Delayed Approval for Contractors Commercial Letters	
414.	02.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0331	Mechanical Drawings of 440 t60t Powerhouse Overhead Crane of Approval	
415.	03.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0333	EM-01 Site Monthly Report ,July , 2022	
416.	05.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0334	Effective Management of Incoming and Outgoing Correspondence	
417.	05.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0335	Submission of Technical Measures for Installation	
418.	05.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0338	Agenda for Meeting DHC at Dasu Site	
419.	07.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0339	Request WAPDA Project Team to Advice Way Forward on Custom Clearance	
420.	10.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0326	Request for Coordinate with Locals to Resume Work at EM-01 Site Camp	
421.	09.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0336	Duties and Import Tax Exemption Application Request for Advice Way Forward Reminder No.1	
422.	09.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0341	Civil Engineers CV for Information	
423.	09.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0348	Notice of Shipment for First batch of Delivery Dasu EM-01	
424.	13.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0332	Potential Risks Due to Pakistan's Calamitous Floods	
425.	13.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0334	Formal Policy of Erection All Risks (EAR) and Third Party Liability (TPL) Insurance	
426.	13.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0347	Notification of Force Majeure Due to Super Typhoon Hinnamnor	
427.	14.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0349	Formal Policy of Cargo Insurance for First Batch of Equipment.EM-01	
428.	19.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0353	Ensure Onsite Assistance and Collaboration in Vehicle and Machineries Inspection	
429.	19.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0356	Request for Security Protection during Travelling	
430.	16.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0352	Dasu Generator Sequences Diagram, Terminal Protection Cover Assembly for Approval	
431.	22.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0360	Urgent Request to Complete PSW for Contractor's Customs Broker DSV Pak Company Prior to Customs Clearance	
432.	21.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0354	Runner Crown & Band Casting Non- Conformity Submission and Repair Proposal for Approval	
433.	23.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0357	Submission of Revised 11kv Single Line Diagram (Rev- B)	
434.	23.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0364	Urgent Request to Confirm Key-Points Related to Bill of Landing on Customs Clearance	
435.	23.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0365	Urgent Request to Release Electronic Import form (EIF) by Employer Prior to Customs Clearance	
436.	23.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0366	Reminder for Providing Measure Control Points Near the Powerhouse Cavern	
437.	25.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0355	Dasu U2 Draft Tube Elbow and Diffusor and Anchoring Quality Document and Permission to Deliver Submission for Approval	
438.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0358	Alternate Supplier for Turbine Shaft and Guide Vanes	
439.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0359	Regarding the Flood Level	
440.	25.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0361	Reminder on Reply Letter sn -22 -182 and Re-Submission Dasu Generator Inspection Test Plan Approval	
441.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0362	Submission Control System Spare Part List	
442.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0363	Urgent Request to Release Inspection Certificate by Employer for Contractor's First Batch of Equipment	
443.	29.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0368	Effective Management of Incoming and Outgoing Correspondence -2	
444.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0369	Change Order	
445.	26.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0371	Request for Security Protection During Travelling	
446.	27.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0322	Reply for 276-25.0822-Modification the Doc Status of Generator PID.EM-01	
447.	28.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0372	Notification to Issue Formal Bill of Lading and Country of Origin on Customs Clearance	
448.	27.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0373	Confirmation Request on Turbine Thermodynamic Efficiency test unit Selection	
449.	28.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0374	Request for Security protection during Travelling	
450.	28.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0375	Reminder for Provision of Essential Parameters for Further Design Works	
451.	30.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0376	Request to Handover Electro- Mechanical Work Interface for Installation of Draft Tube Unit # 3	
452.	29.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0377	Dasu HPP -Feed Back Entry Against Foreign National	
453.	30.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0378	Dasu Generator Stator RTD Installation , Pit Lighting Arrangement and Space Heater Arrangement for Approval	

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454.	30.09.22	Dasu-EM-01-LET-JV-WAPDA/ DHC-2022-0379	Reminder for Dasu Generator Sequences Diagram , Terminal Protection Cover Assembly for Approval	
2.13 Dasu SA-01				
Dasu Office				
455.	03.09.22	KGL/Dasu-SSKD/S/22-65	Submission of Method Statement for Culvert Construction	
456.	28.09.22	KGL/Dasu-SSKD/S/22-66	Appointment of the Adjudicator	
457.	29.09.22	KGL/Dasu-SSKD/S/22-67	Submission of Environmental Monitoring Report of Ambient Air and Noise	
2.14 Dasu RB-014				
Dasu Office				
458.	09.09.22	IKAN/Wapda/Jalkot/184	Prolongation Cost Claim of (EOT-I)	
459.	09.09.22	IKAN/Wapda/Jalkot/185	Prolongation Cost Claim of (EOT-II)	
460.	15.09.22	IKAN/LADP/letters/ISB/0004	Release of Mobilization Advance Bank Guarantee	
461.	30.09.22	IKAN/Wapda/Jalkot/186	Prolongation and Idling Cost of EOT -1 and EOT-2	
2.15 Dasu LADP-MI-1				
Dasu Office				
462.	03.09.22	KGL/Dasu-RHC/22-213	Completion Certificate	
463.	12.09.22	KGL/Dasu-RHC/22-214	Staff Salary Wages of All Ongoing Project	
464.	13.09.22	KGL/Dasu-RHC/22-215	Split Air Conditioner	
2.16 Dasu LADP-MI-2				
Dasu Office				
465.	10.09.22	KGL/Dasu-JMK/22-118	Reminder for Tile	
466.	12.09.22	KGL/Dasu-JMK/22-119	Submission of August 2022 Progress Report	
467.	12.09.22	KGL/Dasu-JMK/22-120	Resubmission of Tile Rate Analysis	
2.13 Dasu PKG-01				
468.	02.09.22	Project/LADP/PKG1/039	Stoppage of Work at Dong Nullah Road	
469.	07.09.22	Project/LADP/PKG1/040	Stoppage of Work at Dong Nullah Road	
470.	07.09.22	Project/LADP/PKG1/041	Suspension of Work at DC Colony Road	
471.	09.09.22	Project/LADP/PKG1/042	Weekly Report	
472.	14.09.22	Project/LADP/PKG-1/043	Submission of Meteorological Test Ambient Test for DC Colony Road Dong Nullah Road Affectees Road Seo Road Shahi Bagh Road and Access Road	
473.	14.09.22	Project/LADP/PKG-1/044	Price Adjustment Formula by Pakistan Engineering Council (PEC).PKG-01	
474.	14.09.22	Project/LADP/PKG-1/045	Disruption Due to Material Shortage at Site	
475.	15.09.22	Project/LADP/PKG-1/046	Salary Wages Information of Pakistani Workers Working with Contractor	
476.	20.09.22	Project/LADP/PKG-1/047	Weekly Report	
477.	23.09.22	Project/LADP/PKG-1/048	Incident Report of Abusive Language and Physical Attack by Local Resident of Jalkot on Contractor's Construction Manager	
478.	25.09.22	Project/LADP/PKG-1/049	Weekly Report	
479.	28.09.22	Project/LADP/PKG-1/050	Submission of Revised Car Policy	
480.	28.09.22	Project/LADP/PKG-1/051	Resumption of Works at Dong Nullah Road	
481.	29.09.22	Project/LADP/PKG-1/052	Shahi Bagh Road -Local Issues	
482.	30.09.22	Project/LADP/PKG-1/053	Weekly Progress Report	

Outgoing Letters from DHC

Sr. No	Date	Letter No.	Subject	Remarks
1. To WAPDA				
1.1. General				
Dasu office				
1.	01.09.22	DHC/Dasu/WAPDA/GEN/you/22-507	Security Arrangement for Travelling of CGGC Expatriates	
2.	01.09.22	DHC/Dasu/WAPDA/GEN/you/22-508	Security Arrangement for Travelling of CCECC Expatriates	
3.	02.09.22	DHC/Dasu/WAPDA/GEN/you/22-509	Application of Tiger Security Company Employees	
4.	02.09.22	DHC/Dasu/WAPDA/GEN/nhs/22-510	Submission of 42 TRP Files of Bar Chuchang and Khushi for Payment	
5.	03.09.22	DHC/Dasu/WAPDA/GEN/you/22-511	Security Arrangements for Travelling of DHC Expatriate as a Special Case	
6.	04.09.22	DHC/Dasu/WAPDA/GEN/you/22-512	Security Arrangement for Travelling of CGGC Expatriates	
7.	04.09.22	DHC/Dasu/WAPDA/GEN/you/22-513	Security Arrangement for Travelling of CCECC Expatriates	
8.	04.09.22	DHC/Dasu/WAPDA/GEN/you/22-514	Security Arrangements for Travelling of DHC Expatriate as a Special Case(Mr. jaun Carlos & Ali Murat)	
9.	04.09.22	DHC/Dasu/WAPDA/GEN/you/22-515	Security Arrangement for Travelling of PCCC Expatriates	
10.	05.09.22	DHC/Dasu/WAPDA/GEN/sad/22-516	Assessment Report for Fruit Trees in Respect of "Dumping Site Adjoining Kaigah Quarry-2 Area"	
11.	05.09.22	DHC/Dasu/WAPDA/GEN/sad/22-517	Assessment Report for Fruit Trees in Respect of "Crush Plant Kaigah Area"	
12.	04.09.22	DHC/Dasu/WAPDA/GEN/you/22-518	Security Arrangement for Travelling of CCECC Expatriates	
13.	05.09.22	DHC/Dasu/WAPDA/GEN/you/22-519	Revised- Security Arrangements for Travelling of DHC Expatriate as a Special Case	
14.	05.09.22	DHC/Dasu/WAPDA/GEN/nhs/22-520	Payment of Project Allowance to 80 AHs of Various Villages	
15.	06.09.22	DHC/Dasu/WAPDA/GEN/you/22-521	Security Arrangement for Travelling of CGGC Expatriates	
16.	06.09.22	DHC/Dasu/WAPDA/GEN/you/22-522	Security Arrangement for Travelling of PCCC Expatriates	
17.	07.09.22	DHC/Dasu/WAPDA/GEN/sad/22-523	Assessment Report of Forest Non Fruit Trees in Respect of "Dumping Site Adjoining Kaigah Quarry-2"	
18.	07.09.22	DHC/Dasu/WAPDA/GEN/sad/22-524	Assessment Report of Forest Non Fruit Trees in Respect of "Kaigah Crush Plant Area"	
19.	07.09.22	DHC/Dasu/WAPDA/GEN/you/22-525	Security Arrangement for Travelling of PCCC Expatriates	
20.	08.09.22	DHC/Dasu/WAPDA/GEN/sad/22-526	GIS Verification of Land Parcels of Component "Gul-e-Bagh Reservoir Area-2"	
21.	08.09.22	DHC/Dasu/WAPDA/GEN/sad/22-527	Assessment Report of Built-Up Property in Respect of "Crush Plant Area Kaigah"	
22.	08.09.22	DHC/Dasu/WAPDA/GEN/you/22-528	Security Arrangement for Travelling of CGGC Expatriates	
23.	08.09.22	DHC/Dasu/WAPDA/GEN/you/22-529	Security Arrangement for Travelling of CGGC Expatriates	
24.	09.09.22	DHC/Dasu/WAPDA/GEN/you/22-530	Security Arrangement for Travelling of CCECC Expatriates	
25.	12.09.22	DHC/Dasu/WAPDA/GEN/you/22-531	Security Arrangement for Travelling of CGGC Expatriates	
26.	12.09.22	DHC/Dasu/WAPDA/GEN/sad/22-532	GIS Verification of Land Parcels of Component "Gul-E-Bagh Reservoir Area-1 (Rectified)"	
27.	14.09.22	DHC/Dasu/WAPDA/GEN/you/22-533	Security Arrangement for Travelling of CGGC Expatriates	
28.	15.09.22	DHC/Dasu/WAPDA/GEN/you/22-534	Security Arrangements for Travelling of DHC Expatriate (Mr Birol & Hiro Takagi)	
29.	15.09.22	DHC/Dasu/WAPDA/GEN/you/22-535	Security Arrangements for Travelling of DHC Expatriate (Mr Birol & Batuhan)	
30.	15.09.22	DHC/Dasu/WAPDA/GEN/you/22-536	-Security Arrangements for Travelling of DHC Expatriate (Mr. Okan)	
31.	13.09.22	DHC/Dasu/WAPDA/GEN/Rob/22-537	Health and Hygiene Kits for Distribution during Awareness Sessions	
32.	14.09.22	DHC/Dasu/WAPDA/GEN/Rob/22-538	Literacy Course for Women and Girls in Bari Rango Village	
33.	15.09.22	DHC/Dasu/WAPDA/GEN/tm/22-539	Request for Approval of Aerial Photography of Uchar Nallah	
34.	15.09.22	DHC/Dasu/WAPDA/GEN/tm/22-540	Performance Audit of the Consultants (Ms DHC)	
35.	16.09.22	DHC/Dasu/WAPDA/GEN/sad/22-541	GIS Verification of Land Parcels of Component Access Road to Resettlement Site-4, Kuz Chuchang	
36.	17.09.22	DHC/Dasu/WAPDA/GEN/nak/22-542	Security Arrangements for Travelling of DHC Expatriates	
37.	18.09.22	DHC/Dasu/WAPDA/GEN/sad/22-543	New Additional Land for Access Road to Resettlement Site-4 Kuz Chuchang (01K-06M)	
38.	18.09.22	DHC/Dasu/WAPDA/GEN/sad/22-544	Assessment Report of Fruit Trees in Respect of Bailey Bridge Gumoo Right Side Area-1	
39.	18.09.22	DHC/Dasu/WAPDA/GEN/sad/22-545	Assessment Report of Broad Leaf Wild Fruit Trees in Respect of Bailey Bridge Gumoon Looter Right Side Area-1	
40.	19.09.22	DHC/Dasu/WAPDA/GEN/you/22-546	Security Arrangements for Travelling of CCECC Expatriates	
41.	19.09.22	DHC/Dasu/WAPDA/GEN/you/22-547	Security Arrangement for Travelling of CCECC Expatriates	
42.	19.09.22	DHC/Dasu/WAPDA/GEN/you/22-548	Security Arrangement for Travelling of CGGC Expatriates	
43.	20.09.22	DHC/Dasu/WAPDA/GEN/you/22-549	Security Arrangements for Travelling of CCECC Expatriates	
44.	20.09.22	DHC/Dasu/WAPDA/GEN/you/22-550	Security Arrangements for Travelling of GEPC Expatriates	
45.	19.09.22	DHC/Dasu/WAPDA/GEN/amr/22-551	Application Regarding SMR Package	
46.	20.09.22	DHC/Dasu/WAPDA/GEN/amr/22-552	MPR No.97 for the Month of August 2022 Under Assignment-B	
47.	21.09.22	DHC/Dasu/WAPDA/GEN/you/22-553	Security Arrangements for Travelling of CCECC Expatriates	
48.	22.09.22	DHC/Dasu/WAPDA/GEN/you/22-554	Security Arrangement for Travelling of CGICOP Expatriates	
49.	22.09.22	DHC/Dasu/WAPDA/GEN/you/22-555	Security Arrangements for Travelling of CGGC Expatriates	
50.	22.09.22	DHC/Dasu/WAPDA/GEN/sad/22-556	Verification of Land Rent for Khasra No 147 Masjids-Madrassa in Respect of the Component Viz Kass Disposal Area-1 File-1	
51.	22.09.22	DHC/Dasu/WAPDA/GEN/nak/22-557	Security Arrangements for Travelling of DHC Expatriates (Mr. Ali Murat Ozbek & Mr. Selcuk Genc)	
52.	22.09.22	DHC/Dasu/WAPDA/GEN/nak/22-558	Security Arrangements for Travelling of DHC Expatriates (Mr. Okan Alper Koruk)	
53.	22.09.22	DHC/Dasu/WAPDA/GEN/nak/22-559	Security Arrangements for Travelling of DHC Expatriates (Mr. Neil Napolen)	

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Sr. No	Date	Letter No.	Subject	Remarks
54.	23.09.22	DHC/Dasu/WAPDA/GEN/you/22-560	Security Arrangements for Travelling of MSC Expatriates	
55.	23.09.22	DHC/Dasu/WAPDA/GEN/you/22-561	Security Arrangement for Travelling of CGGC Expatriates	
56.	25.09.22	DHC/Dasu/WAPDA/GEN/you/22-562	Security Arrangements for Travelling of CGGC Expatriates	
57.	26.09.22	DHC/Dasu/WAPDA/GEN/myb/22-563	Revised Security Arrangements for Travelling of DHC Expatriate (Mr.Neil Napoleon)	
58.	26.09.22	DHC/Dasu/WAPDA/GEN/myb/22-564	Revised Security Arrangements for Travelling of DHC Expatriates (Mr.Ali Murat Ozbek & Mr.Selcuk GENC)	
59.	26.09.22	DHC/Dasu/WAPDA/GEN/you/22-565	Security Arrangements for Travelling of GEPC Expatriates	
60.	26.09.22	DHC/Dasu/WAPDA/GEN/you/22-566	Security Arrangement for Travelling of CGICOP Expatriates	
61.	27.09.22	DHC/Dasu/WAPDA/GEN/myb/22-567	Security Arrangements for Travelling of DHC Expatriates (Mr.J.Fukuwatari & Mr.Tomoaki Kitamura)	
62.	27.09.22	DHC/Dasu/WAPDA/GEN/myb/22-568	Security Arrangements for Travelling of DHC Expatriate (Mr.Shuji Nakata)	
63.	27.09.22	DHC/Dasu/WAPDA/GEN/you/22-569	Security Arrangements for Travelling of CGICOP Expatriates	
64.	27.09.22	DHC/Dasu/WAPDA/GEN/you/22-570	Security Arrangements for Travelling of CGGC Expatriates	
65.	28.09.22	DHC/Dasu/WAPDA/GEN/you/22-571	Feedback Entry Against Foreign National-FNSC Dashboard	
66.	28.09.22	DHC/Dasu/WAPDA/GEN/you/22-572	Security Arrangements for Travelling of ZEGL Expatriates	
67.	28.09.22	DHC/Dasu/WAPDA/GEN/mit/22-573	Mobilization of Assistant Design Engineer Mr.Sayed Masihullah Ahmadi	
68.	27.09.22	DHC/Dasu/WAPDA/GEN/sad/22-574	Provision of Funds for Disbursement of Compensation for Forest Non fruit trees in Respect of Access Road to Resettlement Site-4 Kuz Chuchang Area-4	
69.	29.09.22	DHC/Dasu/WAPDA/GEN/you/22-575	Security Arrangements for Travelling of GEPC Expatriates	
70.	29.09.22	DHC/Dasu/WAPDA/GEN/you/22-576	Security Arrangements for Travelling of CGGC Expatriates	
71.	29.09.22	DHC/Dasu/WAPDA/GEN/you/22-577	Security Arrangements for Travelling of CCECC Expatriates	
72.	29.09.22	DHC/Dasu/WAPDA/GEN/sad/22-578	Provision of Funds for Disbursement of Compensation for Built Up Property in Respect of the Component Viz Billey Bridge Gumoon Looter Right Side Area-1	
73.	30.09.22	DHC/Dasu/WAPDA/GEN/cad/ 22-579	Notice of Force Majeure- Recent Floods and Landslide	
74.	30.09.22	DHC/Dasu/WAPDA/GEN/you/ 22-580	Security Arrangements for Travelling of CGGC Expatriates	
75.	30.09.22	DHC/Dasu/WAPDA/GEN/you/ 22-581	Security Arrangements for Travelling of DHC Expatriate as a Special Case (Mr.Neil Steven White)	
76.	30.09.22	DHC/Dasu/WAPDA/GEN/you/ 22-582	Security Arrangement for Travelling of DHC Expatriates as special Case (Mr.Yoshiaki Samejima & Mr.S.Masihullah Ahmadi)	
77.	30.09.22	DHC/Dasu/WAPDA/GEN/you/ 22-583	Security Arrangements for Travelling of DHC Expatriates (Mr.Burhan Arioiz & Mr.Ali Onur Kuyuck & Serkan Harmandar)	
1.2. Dasu-RAR-01				
Dasu office				
78.	15.09.22	DHC/Dasu/WAPDA/RAR-01/Cad/22-082	Request for Extension of Performance Security and Advance Payment Guarantees.RAR-01	
79.	17.09.22	DHC/Dasu/WAPDA/RAR-01/Cad/22-083	Contractor's Cost Claim Pertaining to Extension of Guarantees and Insurance Policies	
1.3. Dasu-RAR-02				
Dasu office				
80.	09.09.22	DHC/Dasu/WAPDA/RAR-02/Cad/22-079	Selection of Sole Member for the Dispute Board	
1.4. Dasu-KKH-01				
Dasu office				
81.	05.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-136	Submission of Contractors All Risk Insurance Policy	
82.	07.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-138	Request for Employer's Letter to Attock Petroleum for provision of Bitumen	
83.	07.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-145	Application of New Weightage on rates for KKH-01 V0-005	
84.	15.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-150	Request for Extension of Performance Security Against Original Scope.KKH-01	
85.	18.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-153	Contractors Cost Claim Pertaining to Extension of Guarantees and Insurance Policies.KKH-01	
86.	18.09.22	DHC/Dasu/WAPDAKKH-01/cad /22-154	Request for Employers Letter to Attock Petroleum for Provision of Bitumen Grade 60-70 Bulk Rate for the Purpose of Price Adjustment.KKH-01	
87.	21.09.22	DHC/Dasu/WAPDAKKH-01/JF /22-159	Sending Soft Copy of Seismic Evaluation Report.KKH-01	
88.	23.09.22	DHC/Dasu/WAPDAKKH-01/hh /22-163	Sample Delivery Schedule of Project Material to the 3rd Party Laboratories.KKH-01	
1.5. Dasu-KKH-02				
Dasu office				
89.	09.09.22	DHC/Dasu/WAPDAKKH-02/cad /22-109	Selection of Sole Member for the Dispute Board	
90.	15.09.22	DHC/Dasu/WAPDAKKH-02/okk /22-111	Application of CPEC Criteria in KKH-01 and KKH-02 Sections	
91.	15.09.22	DHC/Dasu/WAPDAKKH-02/okk /22-112	Reminder for Approval Layout for Barracks at Kaigah Camp.KKH-02	
92.	21.09.22	DHC/Dasu/WAPDAKKH-02/okk /22-114	Row Handover and Impediments Obstructions on Site.KKH-02	
93.	22.09.22	DHC/Dasu/WAPDAKKH-02/okk /22-116	Following the CPEC Standards in KKH-01 and KKH-02 Sections	
94.	24.09.22	DHC/Dasu/WAPDAKKH-02/okk /22-118	Following the CPEC Standards in KKH01 and KKH-02 Sections	
1.6. Dasu-TL-01				
Dasu office				
95.	01.09.22	DHC/Dasu/WAPDA/TL-01/ CAD/22-146	Mechanism for recovery of Advance Payment (Foreign Component)	
96.	16.09.22	DHC/Dasu/WAPDA/TL-01/ PLS/22-151	Response to Draft Audit Para No. 320 Non-Imposition of Liquidated Damages on Account of Delay in Completion of Work	
97.	23.09.22	DHC/Dasu/WAPDA/TL-01/ cad/22-156	Extension of Advance Payment Guarantee.TL-01	

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Sr. No	Date	Letter No.	Subject	Remarks
98.	24.09.22	DHC/Dasu/WAPDA/TL-01/ mrz/22-157	Row Issue at T129A.TL-01	
1.7. Dasu-MW-01				
Dasu Office				
99.	02.09.22	DHC/Dasu/WAPDA/MW-01/ CAD/22-438	Dispute on Application of 17% Tender Discount- Timing of Commencement of Arbitration	
100.	07.09.22	DHC/Dasu/WAPDA/MW-01/ CAD/22-446	Clarification on Grant of Offer Letter Temporary Permit for Major Minerals in the Name of WAPDA	
101.	07.09.22	DHC/Dasu/WAPDA/MW-01/ CAD/22-448	Provision of Power Supply- Dispute No. 3	
102.	11.09.22	DHC/Dasu/WAPDA/MW-01/cad/ 22-455	Referral to Dispute Board ; Dispute on Provision of Power Supply - Reminder	
103.	15.09.22	DHC/Dasu/WAPDA/MW-01/JF/ 22-460	Reply for IPOE Comments and Technical Proposal by DHC regarding Seismic Design of Spillway Radial Gate	
104.	15.09.22	DHC/Dasu/WAPDA/MW-01/JF/ 22-462	Third Party Monitoring Lab Hiring Issue for MW-01 Component Background	
105.	15.09.22	DHC/Dasu/WAPDA/MW-01/AO/ 22-463	Reminder-01 Expediting the house relocation works for RCC Batching Plant (2#) in Siglo, MW-01	
106.	15.09.22	DHC/Dasu/WAPDA/MW-01/AO/ 22-464	Reminder- 01 Expediting the house relocation works below Right Abutment US Access Road of Cable Crane, MW-01	
107.	16.09.22	DHC/Dasu/WAPDA/MW-01/CAD / 22-468	Employer's Assistance in Obtaining Approvals from State Bank of Pakistan (SBP)	
108.	17.09.22	DHC/Dasu/WAPDA/MW-01/CAD / 22-471	Variation for the Provision of Power Supply to No.1 Crushing Plant and Batching Plant	
109.	21.09.22	DHC/Dasu/WAPDA/MW-01/CAD/22-483	Variation for the Provision of Power Supply to No.01 Crushing Plant and No.1 Batching Plant for Uchar Thoki.MW-01	
110.	21.09.22	DHC/Dasu/WAPDA/MW-01/shj/22-484	Interim Payment Certificate No # 31- For July 2022.MW-01	
111.	21.09.22	DHC/Dasu/WAPDA/MW-01/shj/22-485	Justification for Issuance of Interim Payment Certificate No # 31.MW-01	
112.	22.09.22	DHC/Dasu/WAPDA/MW-01/AO/22-487	Expediting the Strengthening of the Kayal Bridge and Dubair Bridge on the KKH Road .MW-01	
113.	24.09.22	DHC/Dasu/WAPDA/MW-01/jf/22-491	Request for Additional River Cross Section Survey.MW-01	
114.	27.09.22	DHC/Dasu/WAPDA/MW-01/you/22-498	Reply to GBC Colony Hattian Camp Security Measures.MW-01	
115.	29.09.22	DHC/Dasu/WAPDA/MW-01/yjf/22-501	Design Modification of Downstream Cofferdam.MW-01	
1.8 Dasu-MW-02				
Dasu Office				
116.	03.09.22	DHC/Dasu/WAPDA/MW-02/ PM/22-361	Engineer's Assessment on the Principle of Claim MW-02 c-11 " Firing Incident at River Diversion Inlet Area"	
117.	14.09.22	DHC/Dasu/WAPDA/MW-02/ zic/22-378	Third Party Monitoring lab Hiring Issue for MW-02 Component.MW-02	
118.	15.09.22	DHC/Dasu/WAPDA/MW-02/ tm/22-380	Information of Repair the Damaged Retaining Wall on Existing KKH Chuchang Nullah (In Between Police Check Post and Tailrace Outlet.MW-02	
119.	24.09.22	DHC/Dasu/WAPDA/MW-02/ shj/22-394	Interim Payment Certificate NO.#31-for July 2022.MW-02	
120.	24.09.22	DHC/Dasu/WAPDA/MW-02/ shj/22-395	Justification for Issuance of Interim Payment Certificate No # 31.MW-02	
121.	26.09.22	DHC/Dasu/WAPDA/MW-02/ hh/22-400	Sample Delivery Schedule of Project Material to the 3rd Party Laboratories.MW-02	
1.12 Dasu-PCI-01R				
Dasu office				
122.	01.09.22	DHC/Dasu/WAPDA/PCI-01R /cad/22-227	Extension of Contractor's All Risk (CAR), Contractor's Plant and Machinery (CPM) and Workmen Compensation (WC) Insurance Policies	
123.	04.09.22	DHC/Dasu/WAPDA/PCI-01R /cad/22-228	Interim Payment Certificate No.33	
124.	04.09.22	DHC/Dasu/WAPDA/PCI-01R /infra/22-229	Contractor's Request for the Omission of Five (05) Buildings from the Contractor's Scope	
125.	21.09.22	DHC/Dasu/WAPDA/PCI-01R /cad/22-241	Design Supply Installation Testing and Commissioning of Diesel Generators and Solar Power System.PCI-01R	
126.	26.09.22	DHC/Dasu/WAPDA/PCI-01R /cad/22-244	Interim Payment Certificate No.34.PCI-01R	
1.13 Dasu PCI-02				
Dasu office				
127.	02.09.22	DHC/Dasu/WAPDA/PCI-02 /cad/22-001	Prequalification Documents for Project Colony and Infrastructure PCI-02	
128.	09.09.22	DHC/Dasu/WAPDA/PCI-02 /infra/22-002	Draft Bidding Documents of Project Colony and Infrastructure Phase-2 (PCI-02)	
1.14 Dasu EM-01				
Dasu Office				
129.	08.09.22	DHC/Dasu/WAPDA/EM-01 /sn /22-290	Propose to Add Supplier of Stay Ring-GE Hydro China	
130.	12.09.22	DHC/Dasu/WAPDA/EM-01 /Zic /22-293	Electrical & Mechanical Heavy and Oversized Equipment Transportation from Karachi Port to Dasu HPP Site	
131.	14.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-294	Duties and Import Tax Exemption Application-Request for Advice Way Forward.EM-01	
132.	14.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-295	Submission of Cargo Insurance Documents for First Batch of Equipment.EM-01	
133.	14.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-296	Joint Site Visit for Finalization of Temporary Storage Space.EM-01	
134.	14.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-297	Import Process Confirmation Request -Request WAPDA Project Team to Advice Way Forward in Custom Clearance.EM-01	
135.	16.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-298	Submission of Formal Erection all Risk (EAR) and Third Party Liability (TPL) Insurance Policy Document	
136.	19.09.22	DHC/Dasu/WAPDA/EM-01 /cad /22-303	Employers Inspection Certificate No.1.2.3	
137.	20.09.22	DHC/Dasu/WAPDA/EM-01 /mrz /22-308	Reply to NTDC Comments on Transmission Line Protection.EM-01	

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Sr. No	Date	Letter No.	Subject	Remarks
138.	26.09.22	DHC/DASU/WAPDA/EM-01 /cad /22-309	Request to Release Electronic Import (EIF) and to Grant Contractor Brokers Access to PSW System by the Employer for Custom Clearance.EM-01	
139.	26.09.22	DHC/DASU/WAPDA/EM-01 /cad /22-310	Employers Inspection Certificate No.1,2 & 3.EM-01	
1.14 Dasu RV				
Dasu Office				
140.	5.09.22	DHC/DASU/WAPDA/RV/CAD/22-062	Interim Payment Certificate No. 12	
1.16 Dasu-LADP				
Dasu Office				
141.	07.09.22	DHC/DASU/WAPDA/LADP/njm/22-042	LADP Monthly Progress Report No. 41 for the Month of August, 2022	
142.	13.09.22	DHC/DASU/WAPDA/LADP/mfn/22-043	Submission of 20 Sets of Bidding Documents	
143.	15.09.22	DHC/DASU/WAPDA/LADP/mfn/22-044	Bid Evaluation Report	
144.	18.09.22	DHC/DASU/WAPDA/LADP/zia/22-045	LADP-Submission of Site Visit Report of Rehabilitation of 50kw Hydel Power Generation System Prawn and Dear	
145.	21.09.22	DHC/DASU/WAPDA/LADP/zia/22-046	LADP-Submission of Feasibility Report for Water Supply Scheme Purwan and Jagu Bhi	
146.	22.09.22	DHC/DASU/WAPDA/LADP/mfn/22-047	LADP-MSWM-Comments on Bidding Documents	
2.15 Dasu LADP-MI-1				
Dasu Office				
147.	12.09.22	DHC/DASU/WAPDA/MI-1/mfn/ 22-065	Extension of Advance Payment	
2.17 Dasu LADP-SA-01				
Dasu Office				
148.	16.09.22	DHC/DASU/WAPDA/SA-01/zia/22-070	Sanitation and Sewerage System for Komila and Dasu CSA-01), Observation on Substandard Works	
2.18 Dasu LADP-PKG-1				
Dasu Office				
149.	23.09.22	DHC/DASU/WAPDA/PKG-1/njm/22-034	LADP-PKG-01-Road Schemes Incident at Dong Nullah Road	
2. To Contractors				
2.1 RAR-01				
Dasu Office				
1.	01.09.22	DHC/DASU/CCECC/RAR-01/ cad/22-077	Closure of Karakoram Highway (N35) due to Flash Floods-Notice of Claim Under Sub-Clauses 4.12, 13.7 19.2 & 19.4	
2.	02.09.22	DHC/DASU/CCECC/RAR-01/ cad/22-078	Extension of Contractor's Workmen Compensation (WC) Policy	
3.	02.09.22	DHC/DASU/CCECC/RAR-01/ nak/22-079	Stoppage of Excavation Activities by Locals at Komila Bypass (K2+020 - K2+200)	
4.	02.09.22	DHC/DASU/CCECC/RAR-01/ bak/22-080	Local Application at K0+950 Komila Bypass	
5.	03.09.22	DHC/DASU/CCECC/RAR-01/ cad/22-081	Non- Availability of Concrete due to Inundation of Contractor's Concrete Batching Plant-Notice of Claim Under Sub-Clause 19.2	
6.	19.09.22	DHC/DASU/CCECC/RAR-01/ OHS/22-084	Submission of Updated Incident Register and ICAP Status.RAR-01	
7.	20.09.22	DHC/DASU/CCECC/RAR-01/ nak/22-085	Joint Site Visit for Komila Bypass.RAR-01	
8.	22.09.22	DHC/DASU/CCECC/RAR-01/ nak/22-086	Unresolved Locals Houses Issues at Different Locations Komila Bypass.RAR-01	
9.	22.09.22	DHC/DASU/CCECC/RAR-01/ bak/22-087	Updated Punch List from K0 to K12 RAR-01	
10.	23.09.22	DHC/DASU/CCECC/RAR-01/ cad/22-088	Extension of Advance Payment Guarantee.RAR-01	
11.	23.09.22	DHC/DASU/CCECC/RAR-01/ cad/22-089	Extension of Performance Bank Guarantees.RAR-01	
12.	30.09.22	DHC/DASU/CCECC/RAR-01/ bak/22-090	Dumping of Loose Material & Construction of an Access in Nullah at K1+300.RAR-01	
2.2 RAR-02				
Dasu office				
13.	02.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-075	Revised Construction Drawings from K13+200 to K13+500	
14.	04.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-076	Kandia Access Road Construction	
15.	05.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-077	Notice of Claim - Natural Catastrophe (Exceptionally Adverse Climatic Conditions)	
16.	07.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-078	Method Statement for Earthworks	
17.	12.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-080	Construction Obstruction of Locals at K20+590	
18.	12.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-081	Kandiah and Gayal Access Roads	
19.	12.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-082	Poor Work Progress RAR-02 Security Guarantee	
20.	15.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-083	Kandia Access Road Construction.RAR-02	
21.	15.09.22	DHC/DASU/CGGC/RAR-02/ OKK/22-084	Kandia Access Road Construction.RAR-02	
22.	16.09.22	DHC/DASU/CGGC/RAR-02/ CAD/22-085	Rehabilitation of Kandiah Access Road Construction	
23.	19.09.22	DHC/DASU/CGGC/RAR-02/ OHS/22-086	Submission of Updated Incident Register and ICAP Status.RAR-02	
24.	21.09.22	DHC/DASU/CGGC/RAR-02/ cad/22-087	Contractors Inability of Material Mobilization as a Result of Flooding.RAR-02	
25.	21.09.22	DHC/DASU/CGGC/RAR-02/ cad/22-088	Employers Assistance in Custom Clearance in Import of Construction Equipment and Accessories.RAR-02	
26.	22.09.22	DHC/DASU/CGGC/RAR-02/ okk/22-089	Poor Progress Rate.RAR-02	
27.	22.09.22	DHC/DASU/CGGC/RAR-02/cad/22-090	Selection of Sole Member for the Dispute Board.RAR-02	
28.	24.09.22	DHC/DASU/CGGC/RAR-02/ohs/22-091	Apply for Approval of Occupational Health and Safety (OHS) Specialist for RAR-02	
29.	24.09.22	DHC/DASU/CGGC/RAR-02/pls/22-092	Comments on the Contract Programme RO of RAR-02	
30.	26.09.22	DHC/DASU/CGGC/RAR-02/ohs/22-093	Conditional Approval of Occupational Health and Safety (OHS) Specialist for RAR-02	
2.3 KKH-01				

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Sr. No	Date	Letter No.	Subject	Remarks
Dasu Office				
31.	01.09.22	DHC/Dasu/CCECC/KKH-01/ CAD/22-135	Closure of Karakoram Highway (N35) due to Flash Floods- Notice of Claim Under Sub-Clauses 4.12, 13.7 19.2 & 19.4	
32.	05.09.22	DHC/Dasu/CCECC/KKH-01/ amr/22-137	Salary Wages Information of Pakistani Workers Working with Contractors	
33.	07.09.22	DHC/Dasu/CCECC/KKH-01/ CAD/22-139	Extension of Advance Payment Guarantee (Gurantee No. IGT087400111215 & IGT087400111315)	
34.	08.09.22	DHC/Dasu/CCECC/KKH-01/ CAD/22-140	Move SOPs Violation by CCECC Expatriate	
35.	09.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-141	Submission of Breakdown of Rate for Rock Reconstruction	
36.	09.09.22	DHC/Dasu/CCECC/KKH-01/ you/22-142	Move SOPs Violation by CCECC Expatriate	
37.	09.09.22	DHC/Dasu/CCECC/KKH-01/ hhc/22-143	Resubmission of Revised Method Statement for construction of Logro -A (K9) Tunnel	
38.	10.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-144	Application of New Weighting of the Rates for KKH-01 VO-005	
39.	12.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-146	Submission of Draft of Professional Indemnity Insurance	
40.	16.09.22	DHC/Dasu/CCECC/KKH-01/ zua/22-147	Requesting for Provision of Explosive Materials for Blasting to Clear Blocked Roads of District Kohistan Upper due to Recent Floods (KKH-01)	
41.	14.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-148	Provision of Explosive Materials.KKH-01	
42.	15.09.22	DHC/Dasu/CCECC/KKH-01/ hh/22-149	Approval of K3 Concrete Batching Plant and Other Contractor Concrete Plants to be Used Within the Scope of KKH-01 Works	
43.	15.09.22	DHC/Dasu/CCECC/KKH-01/ hh/22-151	Approval of the tunnel and Bridge Materials Manufactured by LONGMAN Industry Sales and henan JIANSHANG Industries.KKH-01	
44.	15.09.22	DHC/Dasu/CCECC/KKH-01/ nak/22-152	Application from Locals of Chalga Dasu Excavated Material Dumping Below Outlet Portal of K4 Tunnel.KKH-01	
45.	17.09.22	DHC/Dasu/CCECC/KKH-01/ nak/22-153	Contractor's Cost Claim Pertaining to Extension of Guarantees and Insurance Policies	
46.	17.09.22	DHC/Dasu/CCECC/KKH-01/ hh/22-155	Approval of QA-QC Plan for Tunnel and Bridge Works KKH-01	
47.	19.09.22	DHC/Dasu/CCECC/KKH-01/ OHS/22-156	156-19.09.22-Submission of Updated Incident Register and ICAP Status.KKH-01	
48.	19.09.22	DHC/Dasu/CCECC/KKH-01/ HHC/22-157	Weekly Progress Meeting KKH-01 Week 38	
49.	19.09.22	DHC/Dasu/CCECC/KKH-01/ HHC/22-158	Resubmission of Revised Method Statement for the Construction of K4 Tunnel	
50.	21.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-160	Slope Protection Works-Provisional Sum for Slope Protection.KKH-01	
51.	21.09.22	DHC/Dasu/CCECC/KKH-01/ gni/22-161	Dangerous Material Removal by Locals from Khoshee KKH-01 Slopes	
52.	23.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-162	Extension of Performance Bank Guarantee.KKH-01	
53.	23.09.22	DHC/Dasu/CCECC/KKH-01/ hhc/22-164	Resubmission of Revised Method Statement for the Construction of K9 (Logro A) Tunnel.KKH-01	
54.	26.09.22	DHC/Dasu/CCECC/KKH-01/ hhc/22-165	Weekly Progress Meeting KKH-01 Week 39	
55.	26.09.22	DHC/Dasu/CCECC/KKH-01/ you/22-166	Application for Employment in CCECC	
56.	30.09.22	DHC/Dasu/CCECC/KKH-01/ cad/22-167	Provision of Bitumen Grade 60-70 Bulk Rate of the Purpose of Price Adjustment.KKH-01	
57.	30.09.22	DHC/Dasu/CCECC/KKH-01/ hhc/22-168	Site Observations KKH-01 Logro-A Tunnel K4 Tunnel & Khushi Site	
2.4 Dasu-KKH-02				
Dasu Office				
58.	02.09.22	DHC/Dasu/CGGC/KKH-02/ OK/22-103	Hand Over of ROW for KKH-02	
59.	03.09.22	DHC/Dasu/CGGC/KKH-02/ CAD/22-104	Delay Caused by Authorities	
60.	05.09.22	DHC/Dasu/CGGC/KKH-02/ CAD/22-105	Notice of Claim- Due to Mud Flood in Uchar Nullah	
61.	05.09.22	DHC/Dasu/CGGC/KKH-02/ CAD/22-106	Notice of Claim - Natural Catastrophe (Exceptionally Adverse Climatic Conditions)	
62.	05.09.22	DHC/Dasu/CGGC/KKH-02/ amr/ 22-107	Submission of KKH-02 & RAR-02 HR Policy & Code of Conduct	
63.	05.09.22	DHC/Dasu/CGGC/KKH-02/ amr/ 22-108	Salary Wages Information of Pakistani Workers Working with Contractors	
64.	12.09.22	DHC/Dasu/CGGC/KKH-02/OKK/ 22-110	Provision of Office Accommodation for the Engineer	
65.	21.09.22	DHC/Dasu/CGGC/KKH-02/cad/ 22-113	Additional Cost Resulting from Delay in Issuance of Instruction to Commence.KKH-02	
66.	22.09.22	DHC/Dasu/CGGC/KKH-02/cad/ 22-115	Selection of Sole Member for the Dispute Board.KKH-02	
67.	24.09.22	DHC/Dasu/CGGC/KKH-02/ohs/ 22-117	Submission of Curriculum Vitae of Occupational Health and Safety (OHS) Specialist for KKH-02	
68.	28.09.22	DHC/Dasu/CGGC/KKH-02/DPM/ 22-119	Request for proposal for Varied Works for Additional Geological Investigation for New Bridges and Tunnels.KKH-02	
69.	29.09.22	DHC/Dasu/CGGC/KKH-02/cad/ 22-120	Provision of Breakdown of Rates and Prices of the BOQ.KKH-02	
70.	30.09.22	DHC/Dasu/CGGC/KKH-02/cad/ 22-121	Equipment Delay Caused by Authorities .KKH-02	
2.5 Dasu TL-01				
Dasu Office				
71.	01.09.22	DHC/Dasu/PCCC/TL-01/ cad/ 22-145	Claim-Price Adjustment Escalation of Market Inflation for the Extended Period	
72.	05.09.22	DHC/Dasu/PCCC/TL-01/ amr/ 22-147	Salary Wages Information of Pakistani Workers Working with Contractors	
73.	10.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-148	Submission of Distribution Board Drawing for Control House Building of Grid Station	
74.	11.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-149	Stoppage of Work at Access Road to Grid Station Due to Conflict Between .Contractor and Excavator Operators	

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Sr. No	Date	Letter No.	Subject	Remarks
75.	12.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-150	Slippage from Submitted Schedule	
76.	17.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-152	Shifting of Material to New Store at Pattan	
77.	17.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-153	Urgent Procurement.TL-01	
78.	17.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-154	Absence of Contractors Supervisor at T-139A.TL-01	
79.	17.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-155	Slow Progress of Work on Grid Station.TL-01	
80.	28.09.22	DHC/Dasu/PCCC/TL-01/ mrz/ 22-158	Load Tension on Tower T-192A.TL-01	
81.	30.09.22	DHC/Dasu/PCCC/TL-01/ cad/ 22-159	Extension of Advance Payment Guarantee.TL-01	
2.6 Dasu MW-01				
Dasu Office				
82.	01.09.22	DHC/Dasu/CGGC/MW-01/ jf/22-435	Comments on Method Statement of Adit Tunnel Plugging Consolidation Grouting and Cavity Grouting	
83.	01.09.22	DHC/Dasu/CGGC/MW-01/ jf/22-436	Reply for Slope Adjustment of Intake Structure above El.1 041 m	
84.	01.09.22	DHC/Dasu/CGGC/MW-01/ jf/22-437	Request for Proposal for Varied Works for Permanent Access Roads and Construction Access Roads in Left Bank [MW-011	
85.	03.09.22	DHC/Dasu/CGGC/MW-01/ tm/22-439	Instruction to Commence Design and Procurement of Power Supply System to No.1 Crushing Plant and No.1 Batching Plant at Uchar Toki	
86.	03.09.22	DHC/Dasu/CGGC/MW-01/ HUR/ 22-440	Raw Material Stock Management Source of RCC Aggregate for Dam	
87.	05.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-441	Notice of Claim - Natural Catastrophe (Exceptionally Adverse Climatic Conditions)	
88.	05.09.22	DHC/Dasu/CGGC/MW-01/amr/ 22-442	Salary Wages Information of Pakistani Workers Working with Contractors	
89.	05.09.22	DHC/Dasu/CGGC/MW-01/hur/ 22-443	Dewatering of Diversion Tunnels (MW-01)	
90.	06.09.22	DHC/Dasu/CGGC/MW-01/CAD/ 22-444	Draft of Temporary Interim Arrangement for Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plant.	
91.	06.09.22	DHC/Dasu/CGGC/MW-01/HUR/ 22-445	Resumption Plan for Diversion Tunnels after Dewatering (MW-01)	
92.	07.09.22	DHC/Dasu/CGGC/MW-01/you/ 22-447	Electricity Connection to Public Check Post Near Barseen Camp	
93.	08.09.22	DHC/Dasu/CGGC/MW-01/hur/ 22-449	Slow Progress on Critical Work Faces (MW-01)	
94.	09.09.22	DHC/Dasu/CGGC/MW-01&02/ you/ 22-450	Sop For Chinese Nationals Working On Non-CPEC Projects in District Attock	
95.	09.09.22	DHC/Dasu/CGGC/MW-01&02/ you/ 22-451	Advisory Notice	
96.	10.09.22	DHC/Dasu/CGGC/MW-01&02/ cad/ 22-452	Provision of Explosive Materials	
97.	10.09.22	DHC/Dasu/CGGC/MW-01&02/ cad/ 22-453	River Diversion Scheme-Completion of River Diversion Tunnels and Starter Dam	
98.	11.09.22	DHC/Dasu/CGGC/MW-01&02/ cad/ 22-454	Draft of Temporary Interim Arrangement for Provision of Power Supply to No.1 Crushing Plant No.1 Batching Plant	
99.	10.09.22	DHC/Dasu/CGGC/MW-01&02/you/ 22-456	Recent Occurrence of Frequent Theft Incidents at Site and FC/the Police Inability	
100.	10.09.22	DHC/Dasu/CGGC/MW-01/bme/ 22-457	Daywork Order for Levelling Barseen Parking Yard for Helipad	
101.	10.09.22	DHC/Dasu/CGGC/MW-01/bme/ 22-458	Daywork Order for demolishing Houses at up Stream of CR 2 Area	
102.	12.09.22	DHC/Dasu/CGGC/MW-01/ cad/ 22-459	Claim for Additional Cost due to Change in Legislation	
103.	13.09.22	DHC/Dasu/CGGC/MW-01/ cad/ 22-461	River Diversion Scheme- Completion of River Diversion Tunnels and Starter Dam	
104.	13.09.22	DHC/Dasu/CGGC/MW-01/zic/ 22-462	Third Party Monitoring Lab Hiring Issue for MW-01 Component Background	
105.	15.09.22	DHC/Dasu/CGGC/MW-01/CAD/ 22-467	Payment of Hire Charges for Helicopter Services	
106.	16.09.22	DHC/Dasu/CGGC/MW-01/HUR / 22-469	Supply of Cement at Dasu Project after Flood	
107.	16.09.22	DHC/Dasu/CGGC/MW-01/cad / 22-470	Employer's Assistance in Obtaining Approvals from State Bank of Pakistan (SBP)	
108.	16.09.22	DHC/Dasu/CGGC/MW-01/AO/ 22-472	Right Bank Cable Crane Platform Excavation works for Slope Protection	
109.	16.09.22	DHC/Dasu/CGGC/MW-01/AO/ 22-473	-Comments on the Method Statement for Removal of Silt Accumulated in Diversion Tunnels due flooding event.	
110.	18.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-474	Engineers Instruction Under GC 13.6 (Day Work).MW-01	
111.	19.09.22	DHC/Dasu/CGGC/MW-01/you/ 22-475	Security of Chinese Working at Dasu HPP and Residing at Ghazi Barotha Camp Hattian	
112.	19.09.22	DHC/Dasu/CGGC/MW-01/ohs/ 22-476	Submission of Updated Incident Register and ICAP Status.MW-01	
113.	20.09.22	DHC/Dasu/CGGC/MW-01/ohs/ 22-477	OHS NCR Closure.MW-01	
114.	20.09.22	DHC/Dasu/CGGC/MW-01/nk/ 22-478	The Necessary Measures to be Taken by the Contractor Against Alkali Silica Reactivity Potential of the Concretes.MW-01	
115.	20.09.22	DHC/Dasu/CGGC/MW-01/jf/ 22-479	Reply to Submitted Guideline of Starter Dam Filling Compaction Test (D3).MW-01	
116.	20.09.22	DHC/Dasu/CGGC/MW-01/jf/ 22-480	Comments on Cut-Off Concrete Trial Mix Proportion.MW-01	
117.	20.09.22	DHC/Dasu/CGGC/MW-01/jf/ 22-481	Reply to Proposed Schedule and Method Statement of River Closure and U-S Starter Dam.MW-01	
118.	21.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-482	Contractors Inability of Material Mobilization as a Result of Flooding.MW-01	
119.	21.09.22	DHC/Dasu/CGGC/MW-01/AO/ 22-486	Suspension of Construction of Kass Main Camp.MW-01	
120.	22.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-488	Claim for Additional Payment for the COVID-19 Pandemic for MW-01	
121.	23.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-489	Payment of Hire Charges for Air Transport Services.MW-01	
122.	24.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-490	Request for Revised Schedule of River Diversion System.MW-01	
123.	24.09.22	DHC/Dasu/CGGC/MW-01/zua/ 22-492	-Instruction of Day work Order for Cleaning of Deposited Material from Existing KKH.MW-01	

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Sr. No	Date	Letter No.	Subject	Remarks
124.	24.09.22	DHC/Dasu/CGGC/MW-01/AO/ 22-493	Dumping Silt Material to Indus River MW-01	
125.	26.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-494	Variation for the Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plant.MW-01	
126.	26.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-495	Generators Procurement for the Provision of Power Supply to No.1 Crushing Plant and No.1 Batching Plant.MW-01	
127.	26.09.22	DHC/Dasu/CGGC/MW-01/jf/ 22-496	Comments on Method Statement of Starter Dam Cut-off Wall.MW-01	
128.	26.09.22	DHC/Dasu/CGGC/MW-01/you/ 22-497	Claim of Dr.Abdul Manan M.O CGGC	
129.	28.09.22	DHC/Dasu/CGGC/MW-01/you/ 22-499	Provision of x5 Toyota REVO GM-T Pick-Up Vehicles.MW-01	
130.	28.09.22	DHC/Dasu/CGGC/MW-01/zua/ 22-500	Barseen Land Possession for MW-01	
131.	30.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-502	Claim for Additional Payment for Direct Costs Due to the COVID-19 Pandemic for the Period up to 30th June 2022.MW-01	
132.	30.09.22	DHC/Dasu/CGGC/MW-01/ahn/ 22-503	Inspection of Diversion Tunnels After Flooding.MW-01	
133.	30.09.22	DHC/Dasu/CGGC/MW-01/cad/ 22-504	Claim for Additional Payment for Direct Costs Due to the COVID-19 Pandemic for the Period up to 31st July 2022.MW-01	
2.7 Dasu MW-02				
Dasu Office				
134.	02.09.22	DHC/Dasu/CGGC/MW-02/ TNK/ 22-355	Drain Tunnel Geological Mapping from Sta . 0+850 to Sta.0+950	
135.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-356	CT 2 Tunnel Inspection By MW-02 Resident Engineer.	
136.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-357	PAT -01 and PAT 02 Tunnel Inspection by MW-02 Resident Engineer.	
137.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-358	Underground Powerhouse Inspection by MW-02 Resident Engineer.	
138.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWI IS/22-359	CR-09 Tunnel Inspection by MW-02 Resident Engineer	
139.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-360	Response ,to the Powerhouse Cavern above El. 760m Support (11 11)	
140.	03.09.22	DHC/Dasu/CGGC/MW-02/cad/ 22-362	Engineer's Assessment on the Principle of Claim MW-02 c-11 " Firing Incident at River Diversion Inlet Area"	
141.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-363	Switch yard Requirements for the resumption of works Phase I.	
142.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-364	Switch yard Requirements for the resumption of works Phase II.	
143.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-365	Switch yard Requirements for the resumption of works Phase III.	
144.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-366	Switchyard Requirements for the resumption of works Phase IV.	
145.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-367	Switch yard Requirements for the resumption of works Phase VII.	
146.	03.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-368	Switch yard Requirements for the Resumption of Works Phase VI.	
147.	05.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-369	Additional Required Documentation to the Phased Resumption of Works Switchyard.	
148.	05.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-370	Additional Required Documentation to the Phased Resumption of the Underground Powerhouse Complex and Tunneling Works	
149.	05.09.22	DHC/Dasu/CGGC/MW-02/ MWII S/22-371	Switch yard Requirements for the resumption of works Phase V.	
150.	05.09.22	DHC/Dasu/CGGC/MW-02/ CAD/ 22-372	Notice of Claim - Natural Catastrophe (Exceptionally Adverse Climatic Conditions)	
151.	08.09.22	DHC/Dasu/CGGC/MW-02/ CAD/ 22-373	Purported Illegal Strike due to Involvement by Local Religious Forces	
152.	09.09.22	DHC/Dasu/CGGC/MW-02/ahn/ 22-374	Transformer GIS 1-1 Geological Mapping from Sta.0+150 to Sta.0+200	
153.	10.09.22	DHC/Dasu/CGGC/MW-02/DPM/ 22-375	Conditionals Approval of Lead Mechanic for MW-02 Contract	
154.	12.09.22	DHC/Dasu/CGGC/MW-02/Cad/ 22-376	Claim for Additional Cost Due to Change in Legislation	
155.	12.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / 22-377	Notice Collapse of the Transformer Cavern Connection Tunnel Crown.MW-02	
156.	14.09.22	DHC/Dasu/CGGC/MW-02/Ohs/ 22-379	Provisional Approval of Mr.Zhang Kai as Acting OHSO for MW-02	
157.	15.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / 22-381	Request to Resume the Construction of the Power Intake Lower Level	
158.	16.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / 22-382	Submission of Contractors Traffic Management Plan of MW-02	
159.	17.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / 22-383	Underground Works- Powerhouse Complex & Surface Works all Electrical Cables Details Required to be Submitted by CGGC for MW-02	
160.	17.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / 22-384	Submission of Cable Rectification.MW-02	
161.	19.09.22	DHC/Dasu/CGGC/MW-02/PM/ 22-385	385-19.09.22-Resumption of Work MW-02 After Submission of Incident Corrective action Plan & Response of Fatal Incident-Level 4 CT2 24th July 2022	
162.	19.09.22	DHC/Dasu/CGGC/MW-02/OHS/ 22-386	Submission of Updated Incident Register and ICAP Status.MW-02	
163.	20.09.22	DHC/Dasu/CGGC/MW-02/PM/ 22-387	Corrective Action Plan for Requested Documents.MW-02	
164.	20.09.22	DHC/Dasu/CGGC/MW-02/nk/ 22-388	The Necessary Measures to be Taken by the Contractor Against Alkali Silica Reactivity Potential of the Concretes.MW-02	
165.	21.09.22	DHC/Dasu/CGGC/MW-02/cad/ 22-389	Employers Assistance in Custom Clearance in Import of Construction Equipment and Accessories.MW-02	

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Sr. No	Date	Letter No.	Subject	Remarks
166.	21.09.22	DHC/Dasu/CGGC/MW-02/cad/ 22-390	Contractors Inability of Material Mobilization as a Result of Flooding .MW-02	
167.	20.09.22	DHC/Dasu/CGGC/MW-02/ks/ 22-391	Submission of the Description and Reference Document of Penstock Material Substitution (HSS).MW-02	
168.	22.09.22	DHC/Dasu/CGGC/MW-02/ks/ 22-392	Submission of the Overall Method Statement for Penstock Transportation and Installation.MW-02	
169.	22.09.22	DHC/Dasu/CGGC/MW-02/cad/ 22-393	Claim for Additional Payment for the COVID-19 Pandemic for MW-02	
170.	24.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/cad/ 22-396	MAT Ch.0+610 m Underground Sanitation Facilities.MW-02	
171.	24.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/cad/ 22-397	MAT Improper Positioning of Fire Extinguishers CH.0+0600M.MW-02	
172.	24.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/cad/ 22-398	Bench Drilling Without Water Assistance UG Powerhouse Cavern.MW-02	
173.	24.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/cad/ 22-399	Bench Drilling Without Ventilation in the UG Powerhouse Cavern.MW-02	
174.	28.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/ohs/ 22-401	Hiring and Mobilization of Occupational Health and Safety Officer (OHSO) for MW-02	
175.	28.09.22	DHC/Dasu/CGGC/MW0IIS/MW-02/you/ 22-402	Provision of x5 Toyota Revo GM-T Pick-Up Vehicles.MW-02	
176.	28.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / MGC/22-403	Underground Powerhouse Distribution Panel Suspended Without any or no Separation for Insulation with Cable Joint of Insulation Tape.MW-02	
177.	28.09.22	DHC/Dasu/CGGC/MW-02/MWIIS / MGC/22-404	Adit to Draft Tunnel TLT-1 and TLT-2 Water Electrical Lighting Ventilation.MW-02	
178.	30.09.22	DHC/Dasu/CGGC/MW-02/cad/22-405	Claim for Additional Payment for Direct Costs due to the COVID-19 Pandemic for the Period up to 30th June 2022.MW-02	
179.	30.09.22	DHC/Dasu/CGGC/MW-02/cad/22-406	Claim for Additional Payment for the Consequences of the LNG Truck Incident.MW-02	
180.	30.09.22	DHC/Dasu/CGGC/MW-02/cad/22-407	Claim for Additional Payment for Direct Costs Due to COVID-19 Pandemic for the Period up to 31st July 2022.MW-02	
2.8 Dasu-LBRV-11				
Dasu Office				
181.	03.09.22	DHC/Dasu/ZEGL/LBRV-11/cad/ 22-082	Recovery of Outstanding Advance Payment	
182.	05.09.22	DHC/Dasu/ZEGL/LBRV-11& 12/cad/ 22-083	Salary Wages Information of Pakistani Workers Working with Contractors	
183.	06.09.22	DHC/Dasu/ZEGL/LBRV-11/ infra/22-084	Reply to Request for Verification of Losses Done Due to Heavy Rainfall	
184.	16.09.22	DHC/Dasu/ZEGL/LBRV-11/ CAD/22-085	Response to the Contractor's Cost Claim on Account of Omission of Non-Handed Over Sites under LBRV-11	
185.	21.09.22	DHC/Dasu/ZEGL/LBRV-11/ CAD/22-086	Variation Regarding Omission of Non-Handed Over Sites.LBRV-11	
186.	27.09.22	DHC/Dasu/ZEGL/LBRV-11/ CAD/22-087	Extension of Insurance Policies.LBRV-11	
2.9 Dasu LBRV-12				
Dasu office				
187.	03.09.22	DHC/Dasu/ZEGL/LBRV-12/cad/ 22-044	Recovery of Outstanding Advance Payment	
188.	09.09.22	DHC/Dasu/ZEGL/LBRV-12/cad/ 22-045	V0-002- Variation Regarding Omission of Non-Handed Over Resettlement Sites under Contract LBRV-12	
189.	16.09.22	DHC/Dasu/ZEGL/LBRV-12/cad/ 22-046	Response to the Contractor's Cost Claim on Account of Omission of Non-Handed Over Sites under LBRV-12	
190.	21.09.22	DHC/Dasu/ZEGL/LBRV-12/cad/ 22-047	Variation Regarding Omission of Non-Handed Over Sites.LBRV-12	
2.11 Dasu-PCI-01R				
Dasu Office				
191.	06.09.22	DHC/Dasu/CGICOP/PCI-01R/ mrz/ 22-230	Non Compliance of Standard Engineering Practice	
192.	10.09.22	DHC/Dasu/CGICOP/PCI-01R/ infra/ 22-232	Technical Specifications for Varied Works of Slope Protection at Choochang-1 Resettlement Village Site	
193.	12.09.22	DHC/Dasu/CGICOP/PCI-01R/ mrz/ 22-233	Absence of the Qualified Electrical Engineer and Site Supervisor at Site.	
194.	13.09.22	DHC/Dasu/CGICOP/PCI-01R/ infra/ 22-234	Slow Progress of Colony Pumped Water Supply System (Varied Works).PCI-01R	
195.	14.09.22	DHC/Dasu/CGICOP/PCI-01R/mrz/ 22-235	Damage of Pole Foundation and Pole Body of LT Pole No 9-2.PCI-01R	
196.	14.09.22	DHC/Dasu/CGICOP/PCI-01R/mrz/ 22-236	Damage of Grounding Rods and Conductor of HT and LT Poles.PCI-01R	
197.	14.09.22	DHC/Dasu/CGICOP/PCI-01R/mrz/ 22-237	Notice of Force Majeure under GCC Clause 19.2 for Blockage of Main KKH Road.PCI-01R	
198.	15.09.22	DHC/Dasu/CGICOP/PCI-01R/infra/ 22-238	Delay in submission of Shop Drawings for Elevator (lift) in Project Office Building	
199.	19.09.22	DHC/Dasu/CGICOP/PCI-01R/OHS/ 22-239	OHS NCR Closure	
200.	19.09.22	DHC/Dasu/CGICOP/PCI-01R/OHS/ 22-240	Submission of Updated Incident Register and ICAP Status.PCI-01R	
201.	24.09.22	DHC/Dasu/CGICOP/PCI-01R/pls/ 22-242	Submission of Revised Programme on Account of 1st Extension of Time (EOT-1).PCI-01R	
202.	24.09.22	DHC/Dasu/CGICOP/PCI-01R/Infra/ 22-243	Poor Quality Wooden Doors.PCI-01R	
203.	26.09.22	DHC/Dasu/CGICOP/PCI-01R/Infra/ 22-245	Instruction to Commence the Varied Work of Slope Protection at Choochang-1 Resettlement Village Site.PCI-01R	

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Sr. No	Date	Letter No.	Subject	Remarks
204.	26.09.22	DHC/Dasu/CGICOP/PCI-01R/kan/ 22-246	Progress Review Minutes of Meeting Held dated 20th August 2022.PCI-01R	
205.	26.09.22	DHC/Dasu/CGICOP/PCI-01R/infra/ 22-247	Slow Progress and Insufficient Resources to Complete the Project.PCI-01R	
206.	28.09.22	DHC/Dasu/CGICOP/PCI-01R/cad/ 22-248	Response to Contractors Cost Claim for Renewal of Insurance Policies for the Extended Period of Time.PCI-01R	
207.	28.09.22	DHC/Dasu/CGICOP/PCI-01R/cad/ 22-249	Extension of Contractors Plant & Machinery (CPM) Insurance Policy.PCI-01R	
208.	29.09.22	DHC/Dasu/CGICOP/PCI-01R/cad/ 22-250	Shortage of Workers and Works at Project Colony.PCI-01R	
2.12 Dasu RV				
Dasu Office				
209.	05.09.22	DHC/Dasu/KGL/RV/CAD/22-059	Design, Supply, Installation, Testing and Commissioning of Diesel Generators for Project Office and Cat-1 & 2 Houses at Project Colony	
210.	05.09.22	DHC/Dasu/KGL/RV/amr/22-060	Salary Wages Information of Pakistani Workers Working with Contractors	
211.	07.09.22	DHC/Dasu/KGL/RV/mrz/22-061	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office	
212.	16.09.22	DHC/Dasu/KGL/RV/mrz/22-063	Design, Supply, Installation, Testing and Commissioning of Diesel Generators for Project Office and Cat-1 & 2 Houses at Project Colony	
213.	17.09.22	DHC/Dasu/KGL/RV/mrz/22-064	Proposal for Design Supply Installation Testing and Commissioning of Solar System for Project Office and Category 1 and 2 House at Project Colony	
214.	19.09.22	DHC/Dasu/KGL/RV/infra/22-065	Rehabilitation of Irrigation Channel Damaged Due to Construction of Resettlement Village Kuz Choochang-04	
215.	20.09.22	DHC/Dasu/KGL/RV/cad/22-066	Cost Control Under Clause 37.RV	
216.	23.09.22	DHC/Dasu/KGL/RV/infra/22-067	Non-Conformance to Quality of PCC Road Concrete .RV	
217.	26.09.22	DHC/Dasu/KGL/RV/infra/22-068	No Activity at Lower Kuz Choochang Upper Kuz Choochang and Relocated Choochang Site-1.RV	
218.	26.09.22	DHC/Dasu/KGL/RV/cad/22-069	Re-Handling of Excavated Material at Kuz Choochang.RV	
219.	27.09.22	DHC/Dasu/KGL/RV/cad/22-070	Slow Progress on Available Work Fronts.RV	
2.13 EM-01				
Dasu Office				
220.	02.09.22	DHC/Dasu/GEPC/EM-01/ sn/ 22-285	Revised Mechanical Drawings of Main Inlet Valve for Approval	
221.	05.09.22	DHC/Dasu/GEPC/EM-01/amr/ 22-286	Salary Wages Information of Pakistani Workers Working with Contractors	
222.	06.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-287	Reply for 130-27 .05.22-Rotor Spider Assembly and Stator Foundation for Approval Grade 60-70 Bulk Rate for the purpose of Price Adjustment	
223.	06.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-288	Submission the Excitation Cubicle and Excitation Transformer Drawings	
224.	06.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-289	Dasu Generator Collector Ring Cover, Lower Bracket Covering, Shaft Voltage Measurement, Carbon Dust Suction, Brake Dust Suction for Approval	
225.	09.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-291	Access Tunnel to Underground Powerhouse for Installation of Draft Tube Spiral casing	
226.	09.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-292	Reply for Detail Design Drawings of Guide Bearing Submission for Approval	
227.	17.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-299	Status of Contractor's Technical Letters Drawings	
228.	17.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-300	Notice of First Batch of Equipment Delivery Shipment	
229.	16.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-301	Reply letter 22-210 and re-submission Governor System Hydraulic Drawing, Calculation notes	
230.	19.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-302	Submission of Contractors Dispute Board (DB) Member for Approval.EM-01	
231.	19.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-304	Submission of Formal Employers Liability Insurance.EM-01	
232.	20.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-305	Notice of Force Majeure Due to Super Typhoon Hinamnor.EM-01	
233.	15.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-306	Dasu Generator Oil Mist Suction Assembly for Approval.EM-01	
234.	20.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-307	Reply Letter Sn22-196 and Clarify the Auto Silt Monitoring Solution.EM-01	
235.	27.09.22	DHC/Dasu/GEPC/EM-01/sn/ 22-311	Submission of CSCS Cubicle Specification and Station & Common Auxiliary LCB Electrical and Equipment Drawing.EM-01	
236.	28.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-312	Import Process Confirmation Request WAPDA Project Team to Advise Way Forward in Custom Clearance.EM-01	
237.	28.09.22	DHC/Dasu/GEPC/EM-01/cad/ 22-313	Urgent Request to Issue the Employers Inspection Certificates No.1,2 & 3 for the Contractors First Batch of Equipment.EM-01	
238.	27.09.22	DHC/Dasu/GEPC/EM-01/ows/ 22-314	Handing Over of Initial Survey Control Points.EM-01	
2.14 LADP RB-14				
Dasu Office				
239.	05.09.22	DHC/Dasu/IKAN/RB-14&PKG-1/amr/22-020	Salary Wages Information of Pakistani Workers Working with Contractors. RB-14	
240.	06.09.22	DHC/Dasu/IKAN/RB-14/mfn/22-021	Prolongation & Idling Cost Claims of EOT-1 and EOT-2	
241.	28.09.22	DHC/Dasu/IKAN/RB-14/mfn/22-022	LADP-JB-Prolongation & Idling Cost of EOT-1 & EOT-2	
2.15 Dasu LADP-MI-1				
Dasu Office				
242.	05.09.22	DHC/Dasu/KGL/MI-1/mfn/22-063	Resumption of Works	
243.	07.09.22	DHC/Dasu/KGL/MI-1/njm/22-064	Dismantling of Culvert, Sanitation and Sewerage system for Komi la and Dasu (SA-01)	
244.	12.09.22	DHC/Dasu/KGL/MI-1/mfn/22-066	Monthly Progress Report	

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Sr. No	Date	Letter No.	Subject	Remarks
245.	19.09.22	DHC/Dasu/KGL/MI-1/mfn/22-067	LADP-RHC-Split Air Conditioners	
246.	27.09.22	DHC/Dasu/KGL/MI-1/mfn/22-068	LADP-RHC-Extension of Advance payment Security Guarantee	
2.15 Dasu LADP-MI-2				
Dasu Office				
247.	07.09.22	DHC/Dasu/KGL/MI-2/njm/22-033	Approval of Samples	
248.	11.09.22	DHC/Dasu/KGL/MI-2/njm/22-034	Rate Analysis of Tile	
249.	17.09.22	DHC/Dasu/KGL/MI-2/njm/22-034	LADP-JMK-Shifting of Resources	
250.	28.09.22	DHC/Dasu/KGL/MI-2/njm/22-036	LADP-JMK-Rate Analysis of Roof Treatment	
2.16 Dasu LADP SA-01				
Dasu Office				
251.	07.09.22	DHC/Dasu/KGL/SA-01/zia/22-063	Formwork, Sanitation and Sewerage System for Komila and Dasu (SA-01)	
252.	07.09.22	DHC/Dasu/KGL/SA-01/zia/22-064	Dismantling of Culvert, Sanitation and Sewerage system for Komila and Dasu (SA-01)	
253.	09.09.22	DHC/Dasu/KGL/SA-01/zia/22-065	Supplying and Filling Compacted Earth Sanitation and Sewerage System for Komila and Dasu (SA-01)	
254.	09.09.22	DHC/Dasu/KGL/SA-01/zia/22-066	Agenda for Meeting with Managing Director of Ms Khyber Grace (Pvt.) Limited	
255.	11.09.22	DHC/Dasu/KGL/SA-01/zia/22-067	Possession of Site, Sanitation and Sewerage system for Komila and Dasu (SA-01)	
256.	12.09.22	DHC/Dasu/KGL/SA-01/zia/22-068	Precast Concrete Slab Cover, Sanitation and Sewerage system for Komila and Dasu (SA-01)	
257.	14.09.22	DHC/Dasu/KGL/SA-01/zia/22-069	Execution of DC Road Drain	
2.16 Dasu LADP PKG-01				
Dasu Office				
258.	03.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-024	Contractor's All Risk (CAR), Contractor's Plant & Machinery (CPM) and Workmen's Compensation (WC) Insurance Policies	
259.	03.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-025	Contractor's Project Manager	
260.	05.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-026	Stoppage of Works at Dong Nullah Road	
261.	05.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-027	Stoppage of works at Dong Nullah Road	
262.	06.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-028	Stoppage of Works at DHPP Affectees Road	
263.	11.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-029	Monthly Progress Reports	
264.	12.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-030	Contractors All Risk (CAR) Contractors Plant & Machinery (CPM) and Workmen's Compensation (WC) Insurance Policies	
265.	13.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-031	Weekly Report	
266.	17.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-032	Utilization of Advance Payment	
267.	19.09.22	DHC/Dasu/IKAN/PKG-01/mfn/ 22-033	LADP-PKG-01-Resumption of Works 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	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	2	11-Jul-18	129,457,263	1,384,020.74	17-Aug-18
3	03-Jan-19	3	09-Jan-19	88,936,900	997,133.73	17-Aug-18
4	09-Jun-19	4	04-Jul-19	76,716,800	732,093.22	28-Feb-19
5	25-Jul-19	5	18-Aug-19	145,629,996	1,363,149.96	04-Aug-19
6	26-Sep-19	6	23-Oct-19	248,905,635	2,214,513.54	19-Sep-19
7	10-Dec-19	7	06-Jan-20	629,914,484	5,895,127.76	21-Nov-19
8	10-Feb-20	8	27-Feb-20	206,824,646	1,757,372.29	04-Feb-20
9	06-Apr-20	9	04-May-20	365,752,539	3,245,285.91	06-Apr-20
10	13-Jun-20	10	11-Jul-20	382,303,496	2,880,146.95	01-Jun-20
11	05-Aug-20	11	02-Sep-20	252,654,881	2,252,835.97	08-Aug-20
12	16-Sep-20	12	09-Oct-20	458,055,284	3,898,125.46	30-Sep-20
13	12-Nov-20	13	10-Dec-20	521,447,309	4,746,372.92	11-Nov-20
14	16-Dec-20	14	12-Jan-21	109,355,876	1,157,321.96	07-Jan-21
15	18-Jan-21	15	12-Feb-21	158,129,043	1,570,752.84	10-Feb-21
16	23-Feb-21	16	19-Mar-21	336,954,470	2,658,901.26	15-Mar-21
17	16-Apr-21	17	04-May-21	407,082,473	8,331,836.66	20-Apr-21
18	20-May-21	18	14-Jun-21	762,466,613	6,311,057.52	11-Jun-21
19	21-Jun-21	19	14-Jul-21	425,023,542	4,493,780.63	15-Jul-21
20	26-Jul-21	20	19-Aug-21	226,133,481	2,044,283.79	16-Aug-21
21	25-Aug-21	21	20-Sep-21	480,881,765	4,269,721.44	20-Sep-21
22	29-Sep-21	22	25-Oct-21	4,185,117	39,112.22	24-Nov-21
23	21-Nov-21	23	20/12/2021	821,193,512	9,251,540.73	20-Oct-21
24	26-Dec-21	24	07-Feb-22	679,713,623	6,015,133.50	16-Jan-22
25	29-Jan-22	25	28-Feb-22	321,933,884	2,945,172.60	20-Feb-22
26	02-Mar-22	26	28-Mar-22	131,974,383	1,251,829.96	26-Mar-22
27	28-Mar-22	27	24-Apr-22	159,376,817	1,607,294.43	27-Apr-22
28	16-Apr-22	28	18-May-22	362,635,724	2,112,719.95	23-May-22
29	21-Jun-22	29	22-Jul-22	192,432,354	1,429,597.79	11-Jun-22
30	20-Jul-22	30	18-Aug-22	208,902,264	1,700,738.92	16-Aug-22
31	22-Aug-22	31	20-Sep-22	309,574,151	1,793,501.06	14-Sep-22
				15,160,986,697	147,339,045	
<i>Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50)</i>				<i>30,528,449,060.25</i>		
<i>Total Amount Certified including LC & FC (Rs.)</i>				<i>115,003,461,240</i>		
<i>Accepted Contract Amount</i>				<i>26.55%</i>		
<i>Disbursement Progress with respect to ACA</i>						

Details of Interim Payment Certificates of MW-02 – Contractor CGGC						
Sr. No.	Application Received	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	17-Aug-18
4	09-Jun-19	4	02-Jul-19	71,107,206	626,942.03	28-Feb-19
5	25-Jul-19	5	18-Aug-19	4,908,345	33,396.51	04-Aug-19
6	02-Oct-19	6	19-Oct-19	77,803,163	676,690.06	19-Sep-19
7	03-Dec-19	7	31-Dec-19	380,055,185	3,487,658.38	27-Nov-19
8	31-Jan-20	8	22-Feb-20	116,606,355	943,411.40	28-Jan-20
9	06-May-20	9	19-May-20	169,704,055	1,210,335.38	27-Mar-20
10	22-Jun-20	10	22-Jul-20	81,144,101	392,991.96	01-Jul-20
11	05-Aug-20	11	02-Sep-20	94,947,361	765,644.82	17-Aug-20
12	16-Sep-20	12	09-Oct-20	155,265,987	1,065,922.39	30-Sep-20
13	12-Nov-20	13	10-Dec-20	76,094,960	641,343.79	11-Nov-20
14	16-Dec-20	14	12-Jan-21	91,489,465	788,644.78	07-Jan-21
15	18-Jan-21	15	12-Feb-21	2,196,767	151,795.03	10-Feb-21
16	23-Feb-21	16	19-Mar-21	95,214,311	336,914.48	15-Mar-21
17	16-Apr-21	17	04-May-21	151,300,083	2,746,114.01	20-Apr-21
18	20-May-21	18	14-Jun-21	155,713,668	968,699.57	11-Jun-21
19	21-Jun-21	19	14-Jul-21	84,507,053	146,301.84	15-Jul-21
20	26-Jul-21	20	19-Aug-21	52,249,037	172,562.45	16-Aug-21
21	25-Aug-21	21	20-Sep-21	24,216,703	160,409.05	20-Sep-21
22	29-Sep-21	22	25-Oct-21	13,306,835	36,044.08	20-Oct-21
23	21-Nov-21	23	15-Dec-21	10,566,080	70,038.21	24-Nov-21
24	26-Dec-21	23	04-Feb-22	13,396,896	98,850.24	16-Jan-22
25	29-Jan-22	25	28-Feb-22	29,493,180	244,726.79	20-Feb-22
26	02-Mar-22	26	28-Mar-22	9,702,893	60,887.68	26-Mar-22
27	28-Mar-22	27	24-Apr-22	23,355,008	151,238.21	27-Apr-22
28	16-Apr-22	28	18-May-22	65,408,374	223,236.05	23-May-22
29	21-Jun-22	29	23-Jul-22	65,521,384	407,878.71	11-Jun-22
30	20-Jul-22	30	20-Aug-22	61,174,019	159,575.39	16-Aug-22
31	23-Aug-22	31	24-Sep-22	75,988,917	178,590.68	14-Sep-22
				5,736,662,050	48,464,055.22	
<i>Total Amount in LC & FC (1USD = 104.3 PKR) (LC 50:FC 50)</i>				<i>10,791,463,009.45</i>		
<i>Total Amount Certified including LC & FC (Rs.)</i>				<i>64,426,426,087</i>		
<i>Accepted Contract Amount</i>				<i>16.75%</i>		
<i>Disbursement Progress with respect to ACA</i>						

Details of Interim Payment Certificates of EM-01 – Contractor GE-PC JV						
Sr. No.	Application Received	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		
				480,570,192	25,320,000	
<i>Total Amount in LC & FC</i>				<i>25,471,001,920</i>	<i>243,984,000</i>	
<i>Accepted Contract Amount</i>				<i>2%</i>	<i>10%</i>	
<i>Disbursement Progress with respect to ACA</i>				<i>52,455,632,320</i>		
<i>Total Contract Amount (Rs.)</i>						

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Details of Interim Payment Certificates of PCI-01R – Contractor CGCIOP							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			
				Local Currency	Foreign Currency	Due Date	
1	26-Dec-18	1 (Adv. Pay)	28-Dec-18	726,119,001	2,405,315	16-Jan-19	
2	17-Oct-19	2	12-Nov-19	33,567,386	136,295.80	12-Dec-19	
3	17-Nov-19	3	12-Dec-19	34,931,356	141,834.03	12-Jan-20	
4	14-Feb-20	4	06-Mar-20	35,072,900	142,409.00	10-Apr-20	
5	09-Mar-20	5	04-Apr-20	42,945,219	108,612.40	04-May-20	
6	24-Apr-20	6	14-May-20	34,543,747	90,408.73	19-Jun-20	
7	18-Jun-20	7	28-Jun-20	16,566,772	70,069.45	13-Aug-20	
8	02-Jul-20	8	23-Jul-20	32,357,756	95,828.25	27-Aug-20	
9	13-Jul-20	9	10-Aug-20	41,345,304	142,436.39	07-Sep-20	
10	11-Aug-20	10	25-Aug-20	57,969,212	206,748.57	06-Oct-20	
11	09-Sep-20	11	27-Sep-20	46,442,969	176,916.64	04-Nov-20	
12	06-Oct-20	12	29-Oct-20	59,435,690	189,186.18	01-Dec-20	
13	08-Nov-20	13	01-Dec-20	67,698,771	225,993.44	03-Jan-21	
14	09-Dec-20	14	05-Jan-21	36,818,282	126,664.14	03-Feb-21	
15	09-Jan-21	15	04-Feb-21	49,773,681	174,006.62	06-Mar-21	
16	11-Feb-21	16	10-Mar-21	45,051,858	157,276.41	08-Apr-21	
17	11-Mar-21	17	06-Apr-21	28,554,500	94,947.49	06-May-21	
18	10-Apr-21	18	05-May-21	48,159,728	162,023.48	05-Jun-21	
19	08-May-21	19	05-Jun-21	43,238,709	146,047.14	03-Jul-21	
20	10-Jun-21	20	08-Jul-21	42,484,291	146,845.49	05-Aug-21	
21	11-Jul-21	21	09-Aug-21	48,422,532	158,859.84	05-Sep-21	
22	09-Aug-21	22	05-Sep-21	48,268,339	153,050.04	04-Oct-21	
23	07-Sep-21	23	04-Oct-21	32,788,090	109,182.33	02-Nov-21	
24	12-Oct-21	24	07-Nov-21	40,545,279	126,723.09	07-Dec-21	
25	13-Nov-21	25	23-Nov-21	31,906,308	104,477.57	08-Jan-22	
26	14-Dec-21	26	24-Dec-21	26,915,937	91,526.69	08-Feb-22	
27	21-Jan-22	26	14-Feb-22	30,908,137	100,942.68	18-Mar-22	
28	07-Apr-22	28	08-Apr-22	22,262,030	73,117.80	02-Jun-22	
29	07-Apr-22	29	17-Apr-22	20,347,880	63,750.71	02-Jun-22	
30	18-Apr-22	30	15-May-22	13,216,994	42,850.56	13-Jun-22	
31	09-Jun-22	31	01-Jul-22	24,908,565	80,913.11	04-Aug-22	
32	05-Jul-22	32	01-Aug-22	67,779,223	119,945.64	30-Aug-22	
33	07-Aug-22	33	04-Sep-22	11,559,525	30,562.99	02-Oct-22	
34	07-Sep-22	34	26-Sep-22	27,079,138	62,745.59	02-Nov-22	
Total Amount in LC & FC (1USD = 105.55 PKR) (LC 70: FC 30)				1,969,985,109	6,458,513		
Total Amount Certified including LC & FC (Rs.)				2,651,681,187			
Accepted Contract Amount				4,900,000,009			
Disbursement Progress with respect to ACA				54.12%			

Details of Interim Payment Certificates of KKH-01 – Contractor CCECC							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			
				Local Currency	Foreign Currency	Due Date	
1	07-Apr-15	1 (Adv. Pay)	10-Apr-15	2,176,756,967	7,257,158.00	01-May-15	
2	25-Oct-16	2	05-Nov-16	116,085,061	384,408.90	20-Dec-16	
3	20-Mar-17	3	21-Mar-17	115,271,179	384,306.16	15-May-17	
4	07-Oct-17	4	09-Oct-17	163,673,731	537,714.66	02-Dec-17	
5	02-Jan-18	5	15-Jan-18	140,213,172	467,461.04	27-Feb-18	
6	29-Apr-18	6	16-May-18	112,700,084	375,734.32	24-Jun-18	
7	13-Jun-18	7	09-Jul-18	137,477,799	294,116.50	08-Aug-18	
8	18-Aug-18	8	12-Sep-18	83,900,536	248,588.91	13-Oct-18	
9	20-Oct-18	9	07-Nov-18	115,514,185	327,895.98	15-Dec-18	
10	22-Dec-18	10	02-Jan-19	54,277,538	153,159.67	16-Feb-19	
11	29-Jan-19	11	13-Feb-19	117,014,088	295,608.67	26-Mar-19	
12	28-Apr-19	12	13-May-19	83,570,086	218,018.53	23-Jun-19	
13	01-Jul-19	13	12-Jul-19	111,832,242	262,033.71	26-Aug-19	
14	26-Aug-19	14	13-Sep-19	186,836,976	487,212.82	21-Oct-19	
15	24-Nov-19	15	22-Dec-19	60,357,019	167,948.08	19-Jan-20	
16	17-Feb-20	16	13-Mar-20	80,325,069	188,092.50	13-Apr-20	
17	31-Mar-20	17	28-Apr-20	103,054,752		26-May-20	
18	03-Jul-20	18	27-Jul-20	117,062,441	299,271.45	28-Aug-20	
19	03-Oct-20	19	30-Oct-20	541,814,894	244,433.16	28-Nov-20	
20	10-Nov-20	20	07-Dec-20	126,355,008	161,772.28	05-Jan-21	
21	04-Mar-21	21	02-Apr-21	89,700,027	217,810.42	29-Apr-21	
22	30-Apr-21	22	30-May-21	218,335,017	131,214.31	25-Jun-21	
23	17-Jul-21	23	14-Aug-21	123,748,647	1,564.06	11-Sep-21	
24	19-Oct-21	24	16-Nov-21	148,233,396		14-Dec-21	
25	22-Feb-22	25	21-Mar-22	46,553,333	388,294.83	19-Apr-22	
26	19-Jun-22	27	21-Jun-22	3,351,431,289	11,173,440.91	10-Jul-22	
27	19-Jul-22	26	12-Aug-22	22,894,416	2,136,987.46	13-Sep-22	
Total Amount in LC & FC (1USD=100.73PKR) (LC74.86:FC25.14)				8,744,988,952	26,804,247		
Total Amount Certified including LC & FC (Rs.)				11,444,980,786			
Accepted Contract Amount				14,538,852,307			
Disbursement Progress with respect to ACA				78.72%			

Details of Interim Payment Certificates of KKH-02 – Contractor CGGC							
Sr. No.	Application Received	IPC number	IPC's Issued Date	Amount Certified			
				Local Currency	Foreign Currency	Due Date	
1	20-May-17	1 (Adv. Pay)	22-May-17	2,146,910,052	10,590,008	12-Jun-17	
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			
				Local Currency	Foreign Currency	Due Date	
1	07-Apr-15	1 (Adv. Pay)	10-Apr-15	379,956,163	1,616,583.00	01-May-15	
2	08-Sep-16	2	28-Sep-16	30,718,272	127,214.05	03-Nov-16	

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3	24-Nov-16	3	28-Nov-16	33,046,440	140,751.14	19-Jan-17
4	17-Mar-17	4	18-Mar-17	25,337,809	107,803.64	12-May-17
5	31-May-17	5	06-Jun-17	19,217,560	75,637.40	26-Jul-17
6	29-Sep-17	6	22-Oct-17	15,836,928	67,380.67	24-Nov-17
7	18-Jan-18	7	22-Jan-18	29,111,263	119,640.59	15-Mar-18
8	25-May-18	8	07-Jun-18	29,282,076	124,585.00	20-Jul-18
9	19-Oct-18	9	06-Nov-18	27,200,193	115,728.00	14-Dec-18
10	22-Feb-19	10	27-Feb-19	18,068,304	76,874.00	19-Apr-19
11	13-May-19	11	30-May-19	18,051,845	76,804.00	08-Jul-19
12	12-Jul-19	12	02-Aug-19	15,616,281	66,441.90	06-Sep-19
13	29-Sep-19	13	23-Oct-19	14,343,099	61,024.94	24-Nov-19
14	25-Jan-20	14	22-Feb-20	15,400,368	65,523.26	21-Mar-20
15	04-Apr-20	15	01-May-20	22,964,734	87,258.28	30-May-20
16	25-May-20	16	22-Jun-20	37,010,549	157,467.13	20-Jul-20
17	01-Jul-20	17	25-Jul-20	22,836,053	97,159.54	26-Aug-20
18	30-Jul-20	18	27-Aug-20	33,569,813	86,410.44	24-Sep-20
19	09-Sep-20	19	03-Oct-20	36,443,023	155,052.49	04-Nov-20
20	24-Oct-20	20	20-Nov-20	82,520,944	351,098.18	19-Dec-20
21	04-Dec-20	21	31-Dec-20	44,545,575	189,526.09	29-Jan-21
22	29-Dec-20	22	25-Jan-21	47,609,910	202,563.76	23-Feb-21
23	03-Mar-21	23	31-Mar-21	13,481,331	57,358.41	28-Apr-21
24	23-Apr-21	24	19-May-21	28,305,821	100,414.10	18-Jun-21
25	08-Jun-21	25	06-Jul-21	35,431,501	148,527.77	03-Aug-21
26	10-Aug-21	26	05-Sep-21	17,707,706	75,340.18	05-Oct-21
27	15-Oct-21	27	07-Nov-21	17,127,417	72,871.15	10-Dec-21
28	24-Dec-21	28	08-Jan-22	25,132,074	106,928.19	18-Feb-22
29	14-Feb-22	29	07-Mar-22	59,115,357	294,753.05	11-Apr-22
30	04-Apr-22	30	21-Apr-22	58,643,597	249,508.29	30-May-22
31	21-Jun-22	31	05-Jul-22	29,871,706	124,079.66	16-Aug-22
32	04-Aug-22	32	09-Aug-22	51,238,120	207,000.99	29-Sep-22

Total Amount in LC & FC (1USD=100.73PKR) (LC70:FC30) 1,334,741,832
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		Due Date
				Local Currency	Foreign Currency	
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
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		Due Date
				Local Currency	Foreign Currency	
1	10-Jul-15	Adv. Payment	28-Jul-15	286,980,047	403,585.00	24-Aug-15
2	16-Mar-16	2016/Rev-01	21-Mar-16	4,652,449		30-Apr-16
3	16-Mar-16	2016/02	21-Mar-16	2,604,724		30-Apr-16
4	11-Jul-16	2016/03	14-Jul-16	347,684		25-Aug-16
5	11-Jul-16	2016/04	14-Jul-16	10,191,948		25-Aug-16
6	25-Jul-16	2016/05	27-Jul-16	8,537,775		08-Sep-16
7	30-Mar-17	2017/01	10-Apr-17	7,286,730		14-May-17
8	30-Mar-17	2017/02	10-Apr-17	20,617,251		14-May-17
9	02-May-17	2017/03	10-May-17	1,029,370		16-Jun-17
10	20-Jun-17	2017/04	07-Jul-17	15,467,707		04-Aug-17
11	17-Jul-17	2017/05	19-Jul-17	2,926,056		31-Aug-17
12	27-Jul-17	2017/06	19-Aug-17	386,316		10-Sep-17
13	08-Aug-17	2017/07	19-Aug-17	768,750		22-Sep-17
14	06-Nov-17	2017/08	09-Nov-17	16,581,527	164,877.75	21-Dec-17
15	03-Jan-18	2017/09	04-Jan-18	79,952,447	24,499.74	17-Feb-18
16	03-Feb-18	2018/01	07-Feb-18	8,312,535		20-Mar-18
17	04-Apr-18	2018/02	06-Apr-18	32,121,568		19-May-18
18	07-May-18	2018/03	08-May-18	11,485,439	32,729.72	21-Jun-18
19	15-Aug-18	2018/04	16-Aug-18	6,252,657		29-Sep-18
20	12-Sep-18	2018/05	25-Sep-18	15,914,034		27-Oct-18
21	23-Oct-18	2018/06	24-Oct-18	16,345,769		07-Dec-18
22	01-Nov-18	2018/07	07-Nov-18	24,631,750		16-Dec-18
23	04-Dec-18	2018/08	08-Dec-18	7,376,449	4,675.67	18-Jan-19
24	08-Jan-19	2018/09	09-Jan-19	44,412,888		22-Feb-19
25	18-Feb-19	2019/01	21-Feb-19	19,061,264		04-Apr-19
26	06-Apr-19	2019/02	06-Apr-19	20,399,754	6,172.99	21-May-19
27	04-May-19	2019/03	06-May-19	9,149,766		18-Jun-19
28	15-Jun-19	2019/04	21-Jun-19	7,950,672		30-Jul-19
29	22-Jul-19	2019/05	25-Jul-19	8,566,498		05-Sep-19
30	02-Sep-19	2019/06	11-Sep-19	14,717,898		17-Oct-19
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

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43	12-Sep-20	43	16-Sep-20	22,738,054		27-Oct-20
44	29-Oct-20	44	03-Nov-20	18,357,848		13-Dec-20
45	13-Nov-20	45	18-Nov-20	79,002,100		28-Dec-20
46	22-Dec-20	46	28-Dec-20	18,101,938	12,934.08	05-Feb-21
47	22-Jan-21	47	27-Jan-21	28,895,993		08-Mar-21
48	26-Feb-21	48	26-Feb-21	18,046,595		12-Apr-21
49	22-Mar-21	49	27-Mar-21	12,177,261		06-May-21
50	11-Apr-21	50	15-Apr-21	105,933,373		26-May-21
51	15-Apr-21	51	24-Apr-21	8,659,218		30-May-21
52	18-Jun-21	52	26-Jun-21	22,498,685		02-Aug-21
53	06-Jul-21	53	08-Jul-21	22,274,250		20-Aug-21
54	24-Aug-21	54	02-Sep-21	6,968,066		08-Oct-21
55	24-Sep-21	55	01-Oct-21	5,436,112		08-Nov-21
56	06-Dec-21	56	15-Dec-21	14,485,408		20-Jan-22
57	18-Jan-22	57	27-Jan-22	8,255,319	17,028.08	04-Mar-22
58	08-Feb-22	58	11-Feb-22	119,768,095		25-Mar-22
59	23-Mar-22	59	24-Mar-22	27,388,195		07-May-22
60	22-May-22	60	27-May-22	8,921,704		08-Jul-22
61	06-Jul-22	61	22-Jul-22	9,959,510		20-Aug-22
62	26-Jul-22	62	01-Aug-22	19,934,095		09-Sep-22

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		
				Local Currency	Foreign Currency	Due Date
1	12-Jul-19	1 (Adv. Pay)	17-Jul-19	130,963,036		07-Aug-19
2	09-Mar-20	2	25-Mar-20	19,802,834		22-Apr-20
3	09-May-20	3	20-May-20	9,411,827		17-Jun-20
4	15-Aug-20	4	24-Aug-20	24,116,398		21-Sep-20
5	10-Oct-20	5	26-Oct-20	15,274,462		23-Nov-20
6	10-Dec-20	6	20-Dec-20	19,475,809		17-Jan-21
7	01-Feb-21	7	25-Feb-21	14,543,732		25-Mar-21
8	02-Apr-21	8	16-Apr-21	13,480,239		14-May-21
9	04-Jul-21	9	24-Jul-21	6,466,245		21-Aug-21
10	22-Nov-21	10	25-Nov-21	5,016,366		23-Dec-21
11	01-Apr-22	11	15-Apr-22	6,534,788		13-May-22
12	22-Aug-22	12	15-Sep-22	11,770,977		13-Oct-22

Total Amount in LC 276,856,713 -
Total Amount Certified (Rs.) **276,856,713.00**
Accepted Contract Amount **654,815,181**
Disbursement Progress with respect to ACA **42.28%**

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

Total Amount in LC & FC (1USD = 104.8462 PKR) (LC 30:FC 70) 292,371,027 2,927,175
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		
				Local Currency	Foreign Currency	Due Date
1	23-Jun-17	1 (Adv. Pay)	04-Jul-17	75,233,228	1,222,084	25-Jul-17
2	05-Feb-20	2	18-Feb-20	5,697,404	126,794.70	01-Apr-20
3	05-Jun-20	3	15-Jun-20	6,263,338	139,389.45	31-Jul-20
4	09-Nov-20	4	01-Dec-20	5,732,406	127,573.68	04-Jan-21
5	03-Dec-20	5	29-Dec-20	7,530,157	167,582.29	28-Jan-21
6	05-Jul-21	6	24-Jul-21	8,933,670	198,817.22	30-Aug-21
7	25-Dec-21	7	08-Jan-22	7,712,692	171,644.56	19-Feb-22
8	28-Mar-22	8	23-Apr-22	36,548,959	150,462.38	23-May-22
9	30-May-22	9	26-Jun-22	28,572,688	6,150,253.00	25-Jul-22

Total Amount in LC & FC (1USD = 104.8462 PKR) (LC 30:FC 70) 182,224,542 8,454,601
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		
				Local Currency	Foreign Currency	Due Date
1	28-Sep-17	1 (Adv. Pay)	02-Oct-17	54,937,530	182,814	23-Oct-17

Total Amount in LC & FC (1USD = 105.3 PKR) (LC 70:FC 30) 54,937,530 182,814
Total Amount Certified including LC & FC (Rs.) **74,187,844.20**
Accepted Contract Amount **370,939,497**
Disbursement Progress with respect to ACA **20.00%**

APPENDIX G

Details of Claims/Notifications

Appendix G: Details of Claims/Notifications

Sr. No.	Claim Register No. & Claim Title	Short Description of Contractor's Submission	Claimed		Assessed		Engineer's/PM Action/Status
			Cost (PKR)	Cost (USD)	Cost (PKR)	Cost (USD)	
Details of Claims/Notifications of KKH-01 – Contractor CCECC							
1	KKH-01/C-1/C-4 Unfication of C-1 and C-4 Disruption and Delay in Site Possession	Contractor submitted nos. of Interim submissions. First interim submission was made on 18/06/17.	728,709,218		-		The Engineer's replied dated 20/07/2017. Principle of claim was approved. Contractor's substantiation for Additional cost awaited. Contractor provides expense record in interim submissions with out establishing cause-effect link.
		On 14/10/18, Contractor submitted his claim for running cost of Dasu office - [Mar 2017 to Aug 2018]	7,836,150		-		The Engineer asked the Contractor to provide justification for the subject claim. Awaiting Contractor's substantiation.
		On 13/08/18, Contractor submitted Cost Claim - Extension of Workman Insurance	6,236,907		5,597,225		The Engineer recommended Interim entitlements- <i>dated 13-Oct-2018</i> . The Employer agreed to include the Claim Cost 5,330,690 excluding the 'Profit' in IPC. (dated Employer's letter 24-03-2020) Claim Paid.
		On 08/04/19, Contractor submitted Cost Claim - Extension of CAR Insurances	62,860,388		58,410,095		Employer accorded approval on 23/10/20 to pay 55,628,662 PKR, as per actual receipts.
		On 18/05/19, Contractor submitted Cost Claim - Extending the Advance Payment and Performance Guarantees	2,337,028	319,282	913,470	259,661	The Employer was requested to verify the supporting doc of the claim - <i>dated 1-Jun-2019</i> . The Initial assessment of the claim was sent to both parties for their agreement.(dated 23-Dec-2019). Awaiting the Employer's Response
		On 18/08/19, Contractor submitted Claim for 2nd extension of Workmen Compensation (WC) policy with effect from 1st August 2019 to 31 July 2020	4,820,243		4,265,702		Actual reimbursement for 2nd extension of WC Insurance policy may be agreed - [21-April-2020]. On 27-April-2020, Contractor's agreement subject to few condition was conveyed to Employer. Employer shared MSC comments. Engineer replied on 4-Oct-2020. Employer replied to process it after 3rd EOT approval.
		23-02-2022, Constractor's Cost claim regarding extension of Insurances and Guarantees	156,432,253	510,140	130,918,270	481,256	<i>the Engineer issued his assessment/determination on 25-04-2022</i>
2	KKH-01/C-5 Force Majeure-Heavy Rainfal and Land sliding	On 11/04/2016 the Contractor notified claim for extension of time and additional cost due to heavy rain caused land sliding and blockage of KKH					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 28-04-2016 (Ref:16-043)</i> Contractor's substantiation awaited
3	KKH-01/C-6 Interference of Local	On 09/05/2016 the Contractor notified claim for extension of time and additional cost due to Stoppage of works by Interference of Locals at Uchar					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 11/05/2016 (Ref: 16-051)</i> Contractor's substantiation awaited
4	KKH-01/C-7 Delayed Drawings	On 19/05/16 Contractor notified claim for extension of time and additional cost Incurred by Delayed Cross Section Drawings					<i>The Engineer asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 23-05-2016 (Ref:16-060)</i> Contractor's substantiation awaited
5	KKH-01/C-8 Cost of Damage to Loader	On 20/06/16, Contractor submitted his Cost details of the lost loader	9,010,118		-		<i>The principle of the Contractor's claim is disapproved. DHC letter - dated 9-Aug-2017.(Ref:028)</i> Claim Disapproved
6	KKH-01/C-9 Uchar Slope Collapse	On 05/06/2016 the Contractor motified claim for extension of time and additional cost due to Huge Slope Collapse at Uchar.					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 20-07-2016 (Ref:16-086)</i> Contractor's substantiation awaited
7	KKH-01/C-10 Stone Slide EOT	On 14/07/2016 the Contractor motified claim for extension of time and additional cost due to Huge Stone Slide at Barseen					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars via DHC letter dated 04/08/2016 (Ref:16-100)</i> Contractor's substantiation awaited
8	KKH-01/C-11 Dumping at Barseen EOT	On 02/09/2016 the Contractor motified claim for extension of time and additional cost due to difficulty in Dumping at Barseen Spoil Bank					<i>The Engineer acknowledged and asked the contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter dated 05-09-2016 (Ref:16-109)</i> Contractor's substantiation awaited
9	KKH-01/C-12 Development of Crack near Barseen EOT	On 31/08/16, Contractor notified claim for Time and Cost Incurred by stoppage of work due to development of 40m Crack					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 19-09-2016 (Ref:113).</i> Contractor's substantiation awaited.

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10	KKH-01/C-13 Revised Drawings issuance and Cancellation	On 27/12/16, Contractor notified claim for Time and Cost Incurred due to Delay in Construction, Revised Design and instruction					The Engineer asked the contractor to submit full and detailed particulars. <i>DHC letter - dated 10-01-2017 (Ref:010).</i> Contractor's substantiation awaited.
11	KKH-01/C-14 Reducing of R.O.W, increase in gradient of slopes and change in alignment	On 08/01/18, Contractor notified claim due to the certain design changes owing to reducing the R.O.W, and change of alignment of works					The Engineer asked the contractor to submit full and detailed particulars <i>DHC letter - dated 10-01-2018 (Ref:007).</i> Contractor's substantiation awaited
12	KKH-01/C-15 Delays in provision of the NOC required for crushing plant	On 25/01/18, Contractor notified claim due to Employer's lack of assistance and delays in obtaining NOC's required for Crushing Plant.					The Engineer asked the contractor to submit full and detailed particulars <i>DHC letter - dated 29-01-2018(Ref:031).</i> Contractor's substantiation awaited
13	KKH-01/C-16 Vandalization of Contractor's Generator	On 06/08/18, Contractor notified Claim for Generator used for dust control at Shaal Area was found vandalized.					The Contractor was advised to submit contemporary records in support of your claim. <i>DHC letter - dated 09-Aug-2018 (Ref:138).</i> Contractor's substantiation awaited
14	KKH-01/C-17 Claims on account of reduction in rate of work	On 03/09/18, Contractor notified Claim on account of non-payment of IPC No. 7.					The Contractor advised to clarify the extent to which he intends to reduce rate of progress. <i>DHC letter - dated 6-Sep-2018.</i> Contractor's substantiation awaited
15	KKH-01/C-18 Delayed Drawings or Instructions	On 16/05/19, Contractor notified claim for Stoppage of works at K5+743 and Issuance of revised drawings from K6+500 to K8+500 under the same GC Sub clause i.e. 1.9					<i>DHC letter - dated 20-May-2019 (Ref:152)</i> Contractor's substantiation awaited
16	KKH-01/C-19 Force Majeure-strike by 80 Members Dam Committee	On 08/10/19, Contractor notified Force Majeure that was instigated by the protest of the 80-Member Dam Committee. Works' stoppage period [18 Sep 19 to 4 Oct 19]					<i>DHC letter - dated 12-Oct-2019 (Ref:349)</i> Contractor's substantiation awaited
17	KKH-01/C-20 Interference due to other Employer's Contractor	On 05/12/19, Contractor notified - Delays due to interference from Employer's other Contractor pursuant to Sub-Clauses 2.3, 4.6, 20.1, & 8.4.					<i>DHC letter - dated 14-Dec-2019 (Ref:414)</i> Contractor's substantiation awaited
18	KKH-01/C-21 Claim due to outbreak of .Corina Virus (2019-nCoV)	On 16/03/20, Contractor notified claim for Site progress delay caused by inconvenient material mobilization (Steel), purchasing and other impacting due to 2019-nCov under GC 19.4, 3.1, 13.7					<i>DHC letter - dated 8-April-2019 (Ref:077) and 24-July-2020 (Ref:167)</i> Contractor's substantiation awaited
19	KKH-01/C-22 Claim due to due to Shortage of Fuel	On 13/06/20, Contractor notified Intention to claim EoT 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
20	KKH-01/C-23 Demobilization of Labour belongs to Gilgit	On 28/03/21, the Contractor notified calim due to Demobilization of Labour belongs to Gilgit					<i>DHC letter - dated 1-Apr-2021 (Ref:063)</i> Contractor's substantiation awaited
21	KKH-01/C-24B Stoppage work dismissed employees and locals.	On 8/07/21, the Contractor notified calim due to stoppage of work by dismissed employees and locals.					<i>DHC letter - dated 24-Aug-2021 (Ref:147)</i> Contractor's substantiation awaited
22	KKH-01/C-24A IED Blast Incident	On 2/08/21, the Contractor notified calim due to stoppage of work due to IED Blast Incident					<i>DHC letter - dated 13-Aug-2021 (Ref:144)</i> Contractor's substantiation awaited
23	KKH-01/C-25 Increase in PST	On 17/12/21, Contractor notified claim for additional cost due change in legislation in KPK PST rate from 1% to 2%.					<i>DHC letter - dated 27-December-2021 (Ref:193)</i> Contractor's substantiation awaited
25	KKH-01/C-26 Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah	On 13/08/2022, the Contractor notified its intention to claim for Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah					<i>DHC letter - dated 31-August-2022 (Ref:134)</i> Contractor's substantiation awaited
26	KKH-01/C-27 Closure of KKH due to Flash Floods	On 28/08/2022 and 30/08/2022 the Contractor notified its intention to claim for additional cost and time due to closure of Karakoram Highway because of Flash Floods					<i>DHC letter - dated 01-September-2022 (Ref:135)</i> Contractor's substantiation awaited
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		104,304,865			-	The Engineer's replied dated 20/07/2017. Principle of claim was approved. Contractor's substantiation for Additional cost awaited. Contractor provides expense record in interim submissions with out establishing cause-effect link.
		On 13/01/19 Contractor submitted Price adjustment claim for period of Sep 2016 to Sep 2018	15,527,857				The Engineer forwarded his recommendation to the Employer on 20-3-2019. The WAPDA agreed in principle, however on basis of actual additional cost instead of using Formulae. The Engineer asked the Contractor to submit detail claim EOT wise (19/12/19). Contractor's substantiation awaited
		On 04/08/18 Contractor submitted claim for Reimbursement of Premium- Extension of Workman Insurance	2,873,330			2,578,930	The Engineer recommended Interim entitlements - dated 13-Oct-2018. The Employer agreed to include the Claim Cost 2,455,838

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							excludes the 'Profit,' in IPC. (dated Employer's letter 25-03-2020) Claim Paid.
		On 08/04/19 Contractor submitted claim for 2nd Extension of Workman's Insurance	2,851,616		2,649,721		Engineer's assessment shared with both parties on 28/05/19. The Contractor partially agreed. The Employer has accorded formal approval as per insurer verified receipts i.e., Rs 2,523,554/- [DHC Ref: 115 dated 14-July-2020]. Claim Paid.
		On 09/08/20 Contractor submitted claim for Extension of Workers Compensation (WC) Insurance Policy from 9th March 2020 to 8th March 2021	2,190,993				Engineer will proceed Sub-Clause 3.5 [Determinations], after the 4th EOT is accorded by the Employer and/or the Engineer completes its assessment on EOT. [31-Aug-2020].
		On 08/04/19 Contractor submitted claim for Extension of All Risk Insurance Works, Equipment and Third party liability	12,132,400		11,273,469		Engineer's assessment shared with both parties on 28/05/19. The Contractor partially agreed. The Employer has accorded the formal approval as per the insurer verified receipts i.e., Rs 10,736,637 - [DHC Ref: 115 dated 14-July-2020]. Claim Paid.
		On 18/05/19 Contractor submitted Claim - Extending the Advance Payment Guarantee and Performance Guarantee	4,683,011	70,888.15	2,348,945.00	60,581.25	The Employer was requested to verify the supporting doc of the claim. <i>DHC letter - dated 1-Jun-2019 (Ref:161)</i> . The additional contemporary record was provided by Contractor at end of August 2019. The Engineer shared his assessment with both parties on 29-Nov-2019. Awaiting the Employer's Response. [Contractor]
		23-02-2022, Contractor's Cost claim regarding extension of Insurances and Guarantees	26,305,766	60,212.00	22,238,918.00	56,039.24	<i>the Engineer issued his assessment/determination on 12-04-2022</i>
2	RAR-01/C-05 Force Majeure-Heavy Rainfall and Land sliding	On 11/04/2016 the Contractor notified claim for extension of time and additional cost due to heavy rainfall and land sliding (Force Majeure)					<i>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 28-04-2016 (Ref:16-029)</i> Contractor's substantiation awaited
3	RAR-01/C-6 Delayed Drawings EOT	On 19/05/16 Contractor notified claim for Time and Additional Cost Incurred by Delayed Cross Section Drawings					The Engineer asked the contractor to submit full and detailed particulars according to 1.9 "Delayed Drawings or Instructions" & 20.1 "Contractor's Claim". <i>DHC letter - dated: 24-05-2016</i> Contractor's substantiation awaited
4	RAR-01/C-7 Stoppage of works by local people	On 9/10/2016 the Contractor notified claim for extension of time and additional cost due to stoppage of work at construction of retaining wall by local people					<i>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 17-10-2016 (Ref:16-080)</i> Contractor's substantiation awaited
5	RAR-01/C-8 Stoppage of work by local resident	On 31/07/2017 the Contractor notified claim for the extension of time and additional cost due to stoppage of campaction by local resident					<i>The Engineer asked the Contractor to submit full and detailed particulars according to sub clause 20.1 "Contractor's Claim" via DHC letter - dated 03-08-2017 (Ref:17-017)</i> Contractor's substantiation awaited
6	RAR-01/C-09 Force majeure linked to massive land sliding at K6.	On 07/03/19 Contractor notified claim for Extension and Additional Cost due to stoppage of works - Force majeure linked to massive land sliding at K6.					The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. <i>DHC letter - dated: 08-03-2019 (Ref:042)</i> Contractor's substantiation awaited
7	RAR-01/C-10 Force Majeure - Heavy Rain	On 22/08/19 & 27/08/19 Contractor notified claim for Extension and Additional Cost due to Force Majeure-Heavy Rainfall					The Engineer asked the contractor to submit full and detailed particulars according to 20.1 "Contractor's Claim" of GCC. <i>DHC letter - dated: 4-9-2019 (Ref:168)</i> Contractor's substantiation awaited
8	RAR-01/C-11 Force Majeure-strike by 80 Members Dam Committee	On 08/10/19 Contractor notified claim for Force Majeure that was instigated by the protest of the 80-Member Dam Committee. Works' stoppage period [18 Sep 19 to 4 Oct 19]					<i>DHC letter - dated 12-Oct-2019 (Ref:202)</i> Contractor's substantiation awaited
9	RAR-01/C-12 Claim due to outbreak of -Corina Virus (2019-nCoV)	On 15/07/2020 Contractor notified claim for Site progress delay caused by inconvenient material mobilization (Steel), purchasing and other impacting due to 2019-nCov under GC 19.4, 3.1, 13.7					<i>DHC letter dated 24-July-2020 (Ref:124)</i> Contractor's substantiation awaited
10	RAR-01/C-13 Claim due to due to Shortage of Fuel	On 13/06/20 Contractor notified claim for Intention to claim extension of time and additional cost due to shortage of fuel under Sub Clause 8.4 and Sub-Clause 19.4 of General Condition of Contracts.					<i>DHC letter - dated 29-June-2020 (Ref:104)</i> Contractor's substantiation awaited
11	RAR-01/C-14 Damages Due to Massive Land Sliding	On 2/08.21, Notice of Claim - Damages Due to Massive Land Sliding Blocking of RAR-01					<i>DHC letter - dated 24-Aug-2021 (Ref:096)</i> Contractor's substantiation awaited

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12	RAR-01/C-15A 2021- Change in Legislation -KPK PST	on 17th Dec 2021, Notice of Claim- Increase in KPK provisional Slaes Tax.				DHC letter- dated 27th Dec 2021 (Ref: 137) Claim Registered	
13	RAR-01/C-15B Rainfal-Land Sliding and Blockage of RAR-01	On 3rd Sep 2021 the Contractor requested to register claim regarding Rainfal and landslidig as RAR-01/C-15				DHC letter-dated 08-Sep-2021 (Ref:105) Claim Registered	
14	RAR-01/C-16 Land and Social Issues of Komila Bypass	On 30 May 2022 the Contractor notified the claim for extension of time and additional cost due to delay in land aquisition and social issues on Komila bypass				DHC letter-dated 02-June-2022 (Ref:054) Claim Registered	
15	RAR-01/C-17 Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah	On 13/08/2022, the Contractor notified its intention to claim for Inundation of Contractor's Uchar Camp due to Flooding in Uchar Nullah				DHC letter - dated 31-August-2022 (Ref:076) Contractor's substantiation awaited	
16	RAR-01/C-18 Closure of KKH due to Flash Floods	On 28/08/2022 and 30/08/2022 the Contractor notified its intention to claim for additional cost and time due to closure of Karakoram Highway because of Flash Floods				DHC letter - dated 01-September-2022 (Ref:077) Contractor's substantiation awaited	
Details of Claims/Notifications of TL-01 – Contractor PCCC							
1	TL-01/C-1 Idle Cost Claim [Direct Cost]	On 14/02/18, Contractor submitted idle Direct cost claim for the period of 2-Nov-2015 to 31-Dec-2016	7,109,690		3,766,650	Employer's approval to pay in IPC recieved on 2-8-2019. Claim Paid.	
		On 14/11/18, Contractor submitted idle Direct cost claim for the period of 1-Jan-2017 to 31-April-2018	2,676,159		1,736,075	Employer's approval to pay in IPC recieved on 5-8-2019. Claim Paid.	
2	TL-01/C-1 Overhead Claim (Management, offices camp etc) - [Indirect Cost]	On 04/03/19, Contractor submitted Overhead Claim (Management, offices camp etc) - [Indirect Cost] claim for the period of June 2016 to March 2018	161,670,931		74,679,085	Employer's approval to pay recieved on 23-10-20. Claim Paid.	
		TL-01/C-1 2nd Interim claim Overhead Claim (Management, offices camp etc) - [Indirect Cost]	On 04/03/19, Contractor submitted Overhead Claim (Management, offices camp etc) - [Indirect Cost] claim for the period of April 2018 to April 2020	149,088,173		119,786,095	Employer's approval to pay recieved on 31-1-22. Claim Paid.
		Chinese Staff's Social Insurance	On 06/07/20, Contractor submitted Chinese Staff's Social Insurance June 2016 to December 2019	65,054,640			Contractor agreed that this claim to be considered alongwith other Management claim.
	3rd Interim Management Cost Claim for Social insurances of Chinese Staff	On 14/04/2022 the Contractor submitted his 3rd interim management cost claim for social insurances of Chinese Staff for the period of June 2016 to Dec 2019	32,602,984		28,843,299	The Engineer sent his evaluation to the Employer for approval on 1-06-2022	
3	Tentative and Abortive Claim	On 18/07/20, Contractor submitted Tentative and Abortive Claim.				DHC/Dasu/PCCC/TL-01/rar/21-049 dated 15th April 2021 the Contractor withdraw his claim	
4	TL-01/C-2 Equitable Adjustment EoT	On 08/02/16, Contractor submitted Equitable Adjustment Claim.	18,988,060		-	Assessment of "No Entitlement" submitted to WAPDA, and suggested to reply to Contractor - dated 23 February 2016. Claim Disapproved	
5	Reduction in rate of Progress	On 08/03/17, Contractor submitted Reduction in rate of Progress claim for period of 11/10/2016 to 17/02/2017.	27,860,000		-	Explanatory Note submitted to WAPDA on 29 April 2017. Claim Disapproved	
6	TL-01/C-7 Care & Custody of Equipment	On 11/04/18, Contractor submitted claim of care and custody of Grid station and TL Equipment from Nov 2017 to 31st March 2018	7,632,186		444,645	Project Manager assesment submitted on 10-Jul-2018. The Employer agreed with PM Assesment. Contractor replied on 12-11-19 that he did not agrred with PM assessment.	
		On 18/02/19, Contractor submitted claim for Additional Charges for care & Custody of Grid Station Equipment from April 2018 to Nov 2018	2,393,313		227,025	Project Manager assesment submitted on 3-Sep-2019. The Employer agreed with PM Assesment.Contractor replied on 12-11-19 that he did not agrred with PM assessment.	
7	Extension of Insurance and Guarantee Policies	On 27/07/18, 15/11/2018 Contractor submitted claim for Additional charges - Extension of Insurance and Guarantee Policies	23,106,045		14,948,404	Agreed and paid GM/PD/DHPP/AD(C)/TL-01/43B/9245-49 dated 15-11-2019	
		On 22/04/19, Contractor submitted claim for Additional charges - Extension of Insurance and Guarantee Policies			4,720,820	Paid GM/PD/DHPP/Contracts/TL-01/43/6869-73 dated 1/12/2021	
8	Relocation of Tower route	On 14/01/19, Contractor's Notice of Claim with regard to Relocation of Towers				DHC letter - dated 18-January-2019, (Ref:010) Contractor's substantiation awaited.	
9	Perceived Disruption to Excavation Work	On 28/02/19, Contractor notified Claim for Delayed land acquisition and ROW issues				DHC letter - dated 3-March-2019 (Ref:043). Contractor's substantiation awaited.	
10	Price Adjustment for Market Inflation	On 18/02/19, Contractor submitted Claim for Price Adjustment as a result of market inflation during the extended period of work.				Formula to be agreed, waiting for Employer's response.	

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11	Redesign and difficulty in execution of Grid Station	On 22/05/19, Contractor submitted Claim for Additional cost on account of redesigning of Grid Station.	47,157,647	3,898,986			The Project Manager issued Principle of claim and assessment. DHC/Dasu/WAPDA/TL-01/cad/22-052 dated 14th March 2022
12	Change proposal initiated and then Suspended	On 18/11/19, Contractor submitted Claim- Design and Procurement Cost for Preparing the Change Proposal(CR-TI-01-001). Change proposal was initiated by Employer in 2015 and suspended by the Employer in 2017.	695,700	4,094	Nil	4,094	Agreed and paid GM/PD/DHPP/Contracts/TL-01/43/6869-73 dated 2-12-2021
13	Claim Documentation for Guarantee Charges Before Effective Date	On 20/03/20, Contractor submitted claim for Cost of maintenance of guarantees from issue date till to effective date	1,600,914				Contractor agreed in meeting to withdraw this case. [Ref. DHC/Dasu/PCCC/TL-01/rar/21-002 dated 11 January 2021]
14	Claim for Re-excavation/ Slide Removal from Year 2016-19	On 01/04/20, Contractor submitted claim due to continuous ROW issues the backfilling activity of the Contractor was interrupted. The contractor is submitting claim of re-excavation/ slide removal from year 2016 to 2019.	8,459,812				The Contractor agreed to withdraw this claim Ref. letter # DHC/DASu/PCCC/TL-01-cad/22-054 dated 21Mard 2022
15	Outbreak of Corina Virus (2019-nCoV)	On 02/04/20 Contractor notified Force Majeure under GC Sub-Clause 37.1 due to outbreak of COVID19.					DHC letter - dated 15-April-2020 Awaiting for Contractor's detailed submssion
16	TL-01/C-09 Right of Way	On 10/04/20, Contractor notified Notice for Extension in Time due to RoW issue					DHC letter - dated 18-April-2020 Awaiting for Contractor's detailed submssion
17	TL-01/C-10 Slow Progress by Land Owner's Labour	On 12/03/21, Contractor notified Notice for additional cost due to Slow Progress by Land Owner Labour hired to assist the Employer in resolving RoW issue					PM replied via DHC/Dasu/PCCC/TL-01/CAD/22-015 dated 24th January 2022 Awaiting for Contractor's detailed submssion
18	TL-01/C-11 Transportation and loading/unloading of Power Transformer	On 6th May 2021, the Contractor submitted a notice of calim regarding additional cost for the power transformer transportation and other associated costs					DHC letter - dated 1st June-2021 The Engineer registered the subject claim
Details of Claims/Notifications of DASU-MW-01 – Contractor CGGC							
1	MW-01/C-01 Claims for Additional Cost and Time due to delay of Land Handing Over	Contractor submitted 14 nos. of Interim submissions from Jun 23 2017 to Aug 31 2020. First submission was submitted on 18-Aug-2017					The Engineer's replied dated 26 September, 2017. Principle of claim was approved. Contractor's substantiation for Additional cost and EOT awaited. Contractor provides expense record in interim submissions with out establishing cause-effect link.
		Contractor submitted prolongation claim on 14-06-2022 at cut-off date 14-07-2021	8,115,076,911	77,805,148			Arranged a discussion meeting with the Contractor's personnels and asked for required substatial documents in support of the claim
2	MW-01/C-02 Adjustment to Contracts Price due to change in legislation (Withholding Tax)	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001). Contractor submitted Claim notification dated 22/12/2017.					Engineer replied on 29-Oct-2019 and 23-Dec-2019, asked the Contractor to submit additional supporting data for the Engineer to comment on principle of claim. Additional documents are awaited to determine Time bar implication.
3	MW-01/C-03 Disruption Claim - [Work Hindrance by Local Residents]	Contractor submitted on [24/07/2020] first Interim disruption Claim for the Period up to Jan 2019	48,630,356				Engineer's princple of claim sent on 12-01-2021
		Contractor again submitted on interim claim on 14-06-2022 due to disruption of local people upto Jan 2019	3,480,934	33,374			Engineer replied on 05-07-2022 with comments and asked for additional substatial documents in support of the claim
4	MW-01/C-04 Damage to Contractor's Industrial Water Pipe due to unexpected Mud-Rock Flow in Uchar Area	On [18/08/2018], Contractor submitted his claim for Damage to Contractor's Industrial Water Pipe due to Unexpected Mud-Rock Flow in Uchar					The Engineer, on 20-09-2018, assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to 19.4. Claim denied.
5	MW-01/C-05 Work hindrance by Local Residents	The Contractor submitted his claim notifications on 05/09/2018 and 29/10/2018 for additional cost and EOT due to strike by local residence.					The Engineer replied that the strike was done by Contractor's own employees. Without admitting Employer's liability, the Engineer asked, on 5-11-2018 (Ref:442), the Contractor for the submission of detail claim. Contractor's substantiation awaited.
6	MW-01/C-06 Delay in Issuance of Drawings	The Contractor notified the intent to claim due to delay in the review of shop drawings [29/10/2018]					Engineer Replied on 5-11-2018 (Ref:443). Contractor's substantiation awaited.
7	MW-01/C-07 Provision of Electricity	The Contractor's intention to claim due to non provision of Electricity [26/02/2019]					Engineer Replied on 18-03-2019 . The Contractor is fully responsible for the provision of electricity. Claim denied.
8	MW-01/C-08 Work Stoppage due Landslide Incident	Suspension of Work from 15 to 18 January: Claim for EOT and Costs - Contractor submission on 16/02/2019 and 17/04/2019.	37,280,470				Replied on 18-03-2019 and 17-05-2019. The formal notice of your intention to claim was provided outside of the 28 days' time-bar. Claim denied.
		The Contractor submitted a revised claim on 14-06-2022	5,049,342	48,412			Replied on 05-07-2022 and asked for additional substatial documents in support of the subject claim.

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9	MW-01/C-09 Change in Legislation Additional (Custom Duty/Tax on Import of Goods)	On 18/08/2019, Contractor Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods. Contractor submitted Interim Claim No 2 (Feb 2019 to Dec 2019) - dated 23/08/2020.	56,780,851	404,333			Principle of claim issued -DHC/Dasu/CGGC/MW-01/cad/21-491 dated 17th Nov 2021
		The Contractor on 14-06-2022 submitted claim for additional charges due to increase in various import taxes, at the cut off date 31 Dec 2019	54,369,672	521,282			Response yet to be sent
10	MW-01/C-10 Stoppage by the 80 Members Dam Committee: Claim for EOT	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee" - [13/10/2019]					The Engineer replied on 25-Oct-2019. CGGC/MW-01/CD/DHC-510 dated 29th October 2019 DHC/DASU/CGGC/MW-01/you/19-401 dated 2-Nov-2019 EOT Claim to be considered in revised time for variation
11	MW-01/C-11 Unforeseeable Cost due to Co-operation	On 04/09/2020, Contractor submitted first Interim Claim for the Period up to Dec 2018	10,280,007				Engineer's principle of claim sent on 12-01-2021
12	MW-01/C-12 Outbreak of Corina Virus (2019-nCoV)	Contractor submitted nos. of interim Direct Cost claim for the Period up to 31 Jan 2021					The Engineer provided detailed response on 9/10/20. Only EOT may be acceptable. Cost is Contractor's risk under Contract. Principle of Claim denied.
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 7-06-2022					Response yet to be submitted
13	Claim for Crusing Plant and Batching Plant	Contractor submitted detail claim on 4-09-2019					The payment made in IPCs on pro-rata basis.
		The Contractor submitted revised claim on 12-04-2022	412,817,975	3,957,986			Engineer on 24-06-2022 sbmitted Principle of Claim
14	MW-01/C-13 Firing incident at River Diversion inlet area	Contractor submitted detail claim on 22-03-2021	224,592,226				Engineer Replied on 25-02-2021 (Ref:090). Under Review by the Engineer
		The Contractor submitted revised claim on 14-06-2022	25,163,812	241,264			Engineer's Principle of Claim sent on 30-08-2022 Contractor has been asked to resubmit the claim
15	Illegal Industrial Action for the Period of January 2021	Contractor submitted detail claim on 20-02-2021					Engineer's princple of claim sent on 26-03-2021 Principle of Claim denied.
		The Contractor submitted revised claim on 14-06-2022	6,822,489	65,412			Engineer's princple of claim sent on 05-07-2022 Principle of Claim denied.
16	MW-01/C-14 Claim regarding 14-July Blast incident	On 24/07/21, Contractor notified claim due 14-July Blast incident	1,174,806,795	11,263,728			Engineer Replied on 12-08-2021 (Ref:358). Contractor's substantiation awaited.
17	MW-01/C-15 Amended Reinforcement Design	On 20/03//2022, the Contractor notified its itnent to claim due to amended reinforcement design					DHC letter - dated 09-April-2022 (Ref:144) Contractor's substantiation awaited.
18	MW-01/C-16 Flood in Uchar Nullah	On 31/07/2022 and 10/08/2022, the Contractor notified its itnent to claim due to Flood in Uchar Nullah					DHC letter - dated 15-August-2022 (Ref:402) Contractor's substantiation awaited.
19	MW-01/C-17 Natural Catastrophe	On 27/08/2022, Contractor notified its itnent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:441) Contractor's substantiation awaited.
Details of Claims/Notifications of DASU-MW-02 – Contractor CGGC							
1	MW-02/C-01 Claims for Additional Cost and Time due to delay of Land Handing Over	Contractor submitted 14 nos. of Interim submissions from Jun 23 2017 to Aug 31 2020. First submission was submitted on 18-Aug-2017					The Engineer's replied dated 28 Sept, 2017 on principle of claim, and provided detail comments on contemporary records . Principle of claim approved. Contractor's substantiation for Additional cost and EOT awaited. Contractor provides expense record in interim submissions with out establishing cause-effect link.
		The Contractor submitted prolongation cliam at cut-off date 14-07-2021	5,191,161,238	49,771,488			Arranged a discussion meeting with the Contractor's personnels and asked for required substatial documents in support of the claim
2	MW-02/C-02 Additional Cost due to Change in Legislation	Withholding tax was increased from 6% to 7% after the Base Date as a result of adjustments in the Income Ordinance (2001). Contractor submitted Claim notification dated 22/12/2017.					Engineer asked the Contractor to submit additional supporting data for the Engineer to comment on principle of claim. Additional documents are awaited to determine Time bar implication.
	MW-02/C-03 Effective access to PTDC camp area	Contractor on 23-01-18 submitted claim due to prevention of effective acces to PTDC camp area resulting stoppage of work.					Engineer registered the claim as MW-02/C-03 for future correspondenses
4	MW-02/C-04 Delay in Issuance of Drawings	The Contractor has notified the intent to claim due to delay in the review of shop drawings - [29/10/2018]					The Engineer (date 5 Nov. 2018) replied. Contractor's substantiation awaited.

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5	MW-02/C-05 Provision of Electricity	The Contractor's intention to claim due to non provision of Electricity - [26/02/2019]					The Contractor is fully responsible for the provision of electricity [Ref: date 18-March-2019] Claim denied.
6	Work Stoppage due to Landslide Incident	Suspension of Work from 15 to 18 January: Claim for EOT and Costs - [17/04/2019]	18,371,545				Formal notification of the Contractor's intention to claim was provided outside of the 28 days' time-bar- [Ref: date 8-May-19] Claim denied.
		The Contractor submitted revised claim on 14-06-2022	3,625,362	34,759			The Engineer submitted principle of claim on 5-07-2022. Claim Denied
7	MW-02/C-06 Landslide Incident at Khoshe Labour Camp	Notice of Intent to Claim - Landslide Incident at Khoshe Labour Camp - [26/06/2019]					Engineer replied dated 27-Jul-2019) (Ref:126) Contractor's substantiation awaited.
8	MW-02/C-07 Additional Tax on Import of Goods	On 18/08/2019, Contractor Claim under a Change in Legislation due to the levy of additional customs duties and regulatory duties on the importation of Goods. Contractor submitted Interim Claim No 2 (Feb 2019 to Dec 2019) - dated 23/08/2020.	34,965,138	193,215			Principle of claim issued -DHC/Dasu/CGGC/MW-02/cad/21-215 dated 25th Nov 2021
		The Contractor submitted revised claim on 14-06-2022	30,284,297	290,358			Response yet to be submitted
9	MW-02/C-08 Stoppage by the 80 Members Dam Committee: Claim for EOT	Claim for EOT due to "Force Majeure- strike by 80 Members Dam Committee" - [13/10/2019]					The Engineer replied on 25-Oct-2019 CGGC/MW-02/CD/DHC-306 dated 29th October 2019 DHC/DASU/CGGC/MW-02/you/19-207 dated 2- Nov 2019 EOT Claim to be considered in revised time for variation
10	MW-02/C-09 Unforeseeable Cost Due to Co-operation	On 04/09/2020, Contractor submitted first Interim Claim for the Period up to Dec 2018	8,418,715				Engineer's principle of claim sent on 12-01-2021
11	MW-02/C-10 Outbreak of Corona Virus (2019-nCoV)	Contractor submitted nos. of interim Direct Cost claim for the Period up to 31 Jan 2021					The Engineer provided detailed response on 12/10/20. Only EOT may be acceptable. Cost is Contractor's risk under Contract. Principle of Claim denied.
		The Contractor submitted revised interim claim of Direct cost due to Covid-19 on 7-06-2022					Response yet to be submitted
12	LNG Tank Accident - Barseen	Contractor's claim for the idle time as a result of the overturned LNG tank at the Barseen camp - [05/04/2020]	1,028,691				Engineer approved principle of Claim on 28-09-2020 . Asked the Contractor to substantiate actual additional Cost. Contractor's cost substantiation is awaited.
		The Contractor submitted revised claim on 14-06-2022	570,640	5,471			The Engineer responded on 05-07-2022 and asked for additional substantial documents in support of the claim
13	MW-02/C-11 Firing incident at River Diversion inlet area	Contractor submitted detail claim on 22-03-2021	143,164,727				Engineer Replied on 25-02-2021 (Ref:039) . Under Review by the Engineer
		Contractor submitted revised claim on 14-06-2022	17,330,619	166,161			Engineer's Principle of Claim sent on 03-09-2022 Contractor has been asked to resubmit the claim
14	Illegal Industrial Action for the Period of January 2021	Contractor submitted detail claim on 20-02-2021					Engineer's principle of claim sent on 26-03-2021 Principle of Claim denied.
		The Contractor submitted revised claim on 14-06-2022	1,514,864	14,524			The engineer submitted Principle of claim on 5-07-2022. Claim Denied
15	MW-01/C-12 Claim regarding 14-July Blast incident	On 24/07/21, Contractor notified claim due 14-July Blast incident	607,523,703	5,824,772			Engineer Replied on 12-08-2021 (Ref:144). Contractor's substantiation awaited.
16	MW-02 Disruption Claim - [Work Hindrance by Local Residents]	Contractor submitted on [24/07/2020] first Interim disruption Claim for the Period up to Jan 2019	2,105,168				Engineer's principle of claim sent on 14-01-2021. Claim Denied.
		The Contractor submitted revised claim on 14-06-2022	76,250	731			The Engineer respond on 05-07-2022 and asked for addition substantial documents in support of the claim
17	MW-02/C-13 Flood in Uchar Nullah	On 31/07/2022 and 10/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 15-August-2022 (Ref:336) Contractor's substantiation awaited.
18	MW-02/C-14 Natural Catastrophe	On 27/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:372) Contractor's substantiation awaited.
Details of Claims/Notifications of DASU-LBRV-11 – Contractor Zhongmei							
1	LBRV-11/C-01 Perceived Delay in the Issuance of Construction Drawings	On 07/01/19, Perceived Delay in the Issuance of Construction Drawings, January 2019					Replied on 6-Feb-2019 (Ref:033)
2	LBRV-11/C-2U Unified the Work stoppage's claim	On 03/03/19, Contractor submitted Idle Cost Claim Works' stoppage linked to land acquisition issues	22,075,487		2,530,207		The Engineer submitted his initial assessment on 16/09/20. Employer commented on 5/10/20. Engineer replied on 14/10/20. Contractor

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	nos. C-02, C-03, C-04, C-05 under LBRV-11/C-2U dated 20-09-2019						<i>disagree with Engineer's assessment. Engineer advised to have meeting on subject issue. The Engineer has evaluated the claim and submitted to the Employer on 5th May 2021.</i>
4	LBRV-11/C-07 Suspension of Works and unforeseeable physical conditions	On 11/09/19, Contractor submitted Notice of Claim - Unforeseeable Man-Made Physical Obstructions and Suspension of Works at RD 0+ 730 on Khoshe Site-1 Permanent Access Road					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. <i>DHC letter 21-Sep-2019 (153). Contractor's letter: 21-Oct-2019 DHC's letter: 29-Oct-2019</i>
5	LBRV-11/C-08 Claim due to outbreak of Corona Virus (COVID-19)	On 28/03/20, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure].					Engineer replied dated 8-April-2020 (Ref:044)
6	LBRV-11/C-09 Idle Cost Claim and Extension of Time due firing incidence at Logro Tunnel	On 11/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.	1,068,116.00		256,280.00		Engineer acknowledge receipt of notice on 24-Feb-2021 (Ref: 029) The principle of claim has been forwarded to the Contractor on 5th April 2021. On 23 rd October 2021, Engineer's Assessment has been forwarded to Contractor as well as to the Employer for their comment/agreement. The Contractor has shared his consent on the Engineer's assessment on 4 th Nov 2021 which is forwarded to the Employer.
7	LBRV-11/C-10 Idle Cost Claim and Extension of Time due work stoppage by locals	The Contractor has submitted monthly interim claims from March 2021 to October 2021 . The Engineer on the Contractor's request has unify these claims and called as 1st interim claim	16,309,614		5,311,025		The Engineer issued his assessment on 13th December 2021. The Contractor shared his consent on 16th Dec 2021.
		2nd Interim Claim. From November 2021 to February 2022	3,502,800		3,444,420		The Engineer has issued his assessment to both the Parties on 16th March 2022 for their consent. The Contractor has submitted his consent on 19th March 2022.
8	LBRV-11/C-11 Prolongation Cost Claim for 1st Extension of Time due to non possession of sites	on 2nd May 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 4th Dec 2020	319,093,549		4,083,592		Employer accorded approval to pay in IPC 19-05-2022
8	LBRV-11/C-13 Cosr Claim for the recovery of Loss	on 5th March 2022, the Contractor has submitted notice of claim related to the cost claim for the recovery of loss due to the omission of Works under LBRV-11					The Engineer on 9th March 2022 acknowledged the Contractor's notice of claim and instructed him to follow strictly the time line for the submission of detailed claim.
Details of Claims/Notifications of DASU-LBRV-12 – Contractor Zhongmei							
1	LBRV-12/C-01 Rock Fall Incident at Zero Point	On 20/06/19, Contractor notified Claims for Additional Costs and Time due to a suspension of the Works on account of a Rock Fall Incident at Zero Point					Engineer replied on 11-Feb-2019 (Ref:016). No further particulars submitted by the Contractor to date
2	LBRV-12/C-02 Nasirabad-2 Site's Access Road	On 18/03/19, Contractor notified Claim -Due to Stoppage Work at Nasirabad-2 Site's Access Road					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-02a Nasirabad-1 & 2 Site's Access Road	on 22/09/2019 Contractor notified Claim -Due to Stoppage Work 80 member dam committee at Nasirabad-1&2 Sites.	1,341,148.80		547,679		Employer accorded approval to pay in IPC 22-12-2021 Claim Paid
4	LBRV-12/C-03 Extension of Guarantees	On 31/05/19, Contractor notified Claim for Additional Costs for extending performance & advance security					Engineer replied dated 10-Jun-2019 (Ref:043 & 044) This claim has merged in "LBRV-12/C-06
5	LBRV-12/C-04 Claim due to outbreak of Carona Virus (COVID-19)	On 28/03/20, Contractor notified Force Majeure under Sub-clause 19.2 [Notice of Force Majeure].	Nil	Nil	Nil	Nil	Engineer replied dated 8-April-2020 (Ref:044)
6	LBRV-12/C-05 Idle Cost Claim and Extension of Time due firing incidence at Logro Tunnel	On 11/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.	516,020.00		186,077.00		Employer accorded approval to pay in IPC 27-04-2022
7	LBRV-12/C-06 Prolongation Cost Claim for 1st Extension of Time due to non possession of sites	on 2nd May 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 7th Nov 2020	265,758,451.00		6,951,054.00		The principle of claim has been forwarded to the Contractor on 10th June 2021. The Engineer on 24 th January 2022 submitted the revised Engineer's assessment to the Employer and to the Contractor. The Contractor conveyed his consent on the Engineer's assessment on 29th January 2022.
8	LBRV-12/C-07 Delay in issuance of Drawings	The Contractor on 5th August 2021, has submitted a 1st, 2nd and 3rd interim claim regarding the non issuance of constructions drawings of mosque due to delay in finalization of Mosque location.					The principle of claim has been forwarded to the Contractor and to the Employer on 20th Sep 2021

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9	LBRV-12/C-08 Cosr Claim for the recovery of Loss	on 5th March 2022, the Contractor has submitted notice of claim related to the cost claim for the recovery of loass due to the omision of Works under LBRV-12					The Engineer on 9th March 2022 acknowledged the Contractor's notice of claim and instructed him to follow strictly the time line for the submission of detailed claim.
Total Additional Cost			267,615,620	-	7,684,810	-	
Details of Claims/Notifications of DASU-PCI-01R – Contractor CGICOP							
1	PCI-01R/C-01 Works' stoppage linked to land acquisition issues	On 18/06/19, Contractor Notice of Claim -Works' Stoppage at the Choochang Colony Site-Batching Plant Location					Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 22-Jun-2019 (Ref:061) <i>Notice of Claim has been acknowledged.</i> Waiting for the Contractor's Submission
2	PCI-01R/C-02 Delay in issuance of Drawings	On 03/09/19, Contractor claim Extension of time for delay in issuance of construction drawings. July 1st 2019 to Aug. 22 2019	183,457,765				Engineer considers that the late issuance of construction drawings of residence category 1 &2 didn't cause any impacts on the Works. The Engineer replied on 26-Aug-2019 (Ref:113), and 29-Aug-2019 (Ref:118) The Engineer replied on 27-Sep-2019 (147) <i>The Contractor's submission only signifies the provision of cost records for expenses. The Engineer submitted the Project's Manager explanatory note on 5th August 2021</i> Particulars not yet submitted by the Contractor
3	PCI-01R/C-03 Works' stoppage linked to land acquisition issues	On 04/09/19, Contractor claim - Works' Stoppage by House owner in portion-2 near Cat-2 Hostels - 25 July 2019 to 31 August 2019	127,265,692				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) <i>The Engineer replied on 27-Sep-2019 (147)</i> <i>The Contractor's submission only signifies the provision of cost records for expenses.</i> Waiting for the Contractor to submit record to substantiatehis claim
4	PCI-01R/C-04 Claims for Additional Time due to a Works' stoppage linked to Rainfall	On 07/11/19, Contractor submitted notice claim notice due to Construction Works at the site has been stopped due to exceptionally adverse climatic conditions, and inclement rainfall started on 51h November 2019 and continued till 71h November 2019					The Engineer replied on 14-11-2019 Notice of Claim has been acknowledged. Waiting for the Contractor's Submission
5	PCI-01R/C-05 Claim due to outbreak of corona Virus (COVID-19)	On 16/04/20 and 16/05/20, Contractor submitted two interim claim notice for Coronavirsu Force Majeure that lockdown in parts and parcels, causing major deficiency in supply & transport of materials and manpower required for the Project.					Principle of Cost Claim rejected dated 25-July-2020 (Ref:244)
6	Additional Test-Petrographic	On 04/06/20, Contractor submittted EOT and Cost plus profit	462,483				Principle of Claim was rejected dated 7-July-2020 (Ref:229)
7	PCI-01R/C-06 Claim due to shortage of Fuel	On 25/06/20, Contractor submitted claim notice for extra time and additional Cost due to unavailability of Fuel under Sub-Clause 19.4 read with SubClause 20.1.					Notice of claim has been acknowledged via Engineer dated 29-June-2020 waiting for the Contractor's submission
9	PCI-01/C-07 Notice of Force Majeure due to firing incident at Logro Tunnel	On 13/02/21, Contractor gives the notice of Force Majeure under Sub-clause 19.2 [Notice of Force Majeure]. And submitted Idle cost claim on 19/03/2021.					Engineer acknowledge the receipt of notice on 23-Feb-2021 (Ref: 079) and requested the Contractor to submit detailed particulars to substantiate his claim. Waiting for the Contractor's submission
Details of Claims/Notifications of DASU-RV – Contractor KGL							
1	RV/C-01 Works' stoppage linked to land acquisition issues at Additional Choochang Sites	On 24/12/19, Contractor notified Claim for Additional Costs and Time due to a Works' stoppage linked to land acquisition issues with original landowners at Additional Choochang Sites					Maintain contemporary records in support of your claim and follow the timeline for the submission of any claims as per the Contract. The Engineer's letter dated 28-Dec-2019
2	RV/C-01 Works' stoppage by the original landowners at Shatial Museum Site	On 14/01/20, Contractor notified Claim for Additional Costs and Time due to a Works' stoppage by the original landowners at Shatial Museum Site					The Engineer's letter dated 22-Jan-2020
3	RV/C-03 Re-Handling of Excavated Material at Kuz Choochang Upper and Lower Portion	On 29/09/20, Contractor submitted claim for Re-Handling of Excavated Material at Kuz Choochang Upper and Lower Portion	38,780,332		3,211,573		Project Manager shared his assessment to the Employer and to the Contrctor on 24-05-2022

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4	RV/C-04 Coronavirus	On 09/04/20, Contractor notified Corona Virus Pandemic affecting its material transportation. Which delays the progress of Works' at the site and resultantly affecting the completion of the project.					The Engineer's letter dated 29-April-2020
5	RV/C-05 Prolongation Cost Claim for 1st Extension of Time due to non possession of sites	on 21st September 2021, Contractor has submitted prolongation cost claim for 1st interim Extension of Time (EOT) from 26th Dec 2019 - 7th Nov 2020	89,480,364				The Engineer's commented on the Contractor's submission dated 14-October-2021. The Contractor has withdraw his claim and re-submitted it on 29th March 2022.
6	RV/C-06 Hindrance at Site and Non Issuance of Drawing, Masjid Location and Non-Approval of Extension of Time	on 26 October 2021, Contractor has submitted Early Warning under Clause 31 and provided his intention to claim under Clause 27 & 42					The Engineer's on 09-November-2021 registered the claim and requested the contractor to maintain and submit contemporary record regard the events.
Details of Claims/Notifications of EM-01 – Joint Venture (GE-PC JV)							
1	EM-01/C-01 Potential Impact of Covid-19 Outbreak	On 17/08/2021 the Contractor requested the Employer to register the claim for extension of time and additional cost due to potential impact of Covid-19 outbreak					The Project Manager registered the claim on 14-April-2022 Contractor's Submissions are awaited.
2	EM-01/C-02 Delay in Land Handover for Site Camp	on 12-12-2021 the Contractor submitted 6th interim claim for extension of time and additional cost due to delay in land handover for the Contractor's site camp	23,598,372				The Project Manager's principle of claim submitted on 02-02-2022 Further Substantiation is awaited from the Contractor
3	EM-01/C-03 Change in Law and Regulations under the Contract	On 9-05-2022 the Contractor notified claim for additional cost due to change in law and regulations under the Contract					The Project Manager, on 23-06-2022, assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to GC Sub-Clause 45.1 Claim denied.
4	EM-01/C-04 Temporary Fencing and ground Leveling	On 28-04-2022 the Contractor notified the claim for additional cost due to providing temporary fencing and ground leveling on site.					The Project Manager, on 22-06-2022, assessed and replied that the principle of the Contractor's Claim is disapproved pursuant to GC Sub-Clause 45.1 Claim denied.
Details of Claims/Notifications of RAR-02 – Contractor CGGC							
1	RAR-02/C-01 Work Stoppage by Locals	On 3-06-2022 the Contractor notified the claim for additional cost and extension of time due to stoppage of work by locals					The Engineer registered the claim on 9-June-2021 Contractor's Submissions are awaited.
2	RAR-02/C-02 14 July Blast Incident	On 24-07-2021 the Contractor notified the claim for additional cost and extension of time due to 14 July 2021 incident					The Engineer registered the claim on 12-Aug-2021 Contractor's Submissions are awaited.
3	RAR-02/C-04 Influence of Covid-19 Outbreak	On 30-08-2021 the Contractor notified the claim for additional cost and extension of time due to Covid-19 influence					The Engineer registered the claim on 17-Sep-2021 Contractor's Submissions are awaited.
4	RAR-02/C-5 Flood in Uchar Nullah	On 10/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 15-August-2022 (Ref:071) Contractor's substantiation awaited.
5	RAR-02/C-6 Natural Catastrophe	On 27/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:077) Contractor's substantiation awaited.
Details of Claims/Notifications of KKH-02 – Contractor CGGC							
1	KKH-02/C-01 Delay in Handing Over	On 01/06/2022 the Contractor notified the claim for additional cost due to delay in handing over of the land					DHC letter - dated 06-June-2022 (Ref:059) Contractor's substantiation awaited.
2	KKH-02/C-02 Occupation of Contractor's Dormitories by Army Personnel	On 04/08/2022, the Contractor notified its intent to claim due to occupation of its Pakistani staffs' dormitories by the Army Personnel					DHC letter - dated 10-August-2022 (Ref:097) Contractor's substantiation awaited.
3	KKH-02/C-3 Flood in Uchar Nullah	On 18/08/2022, the Contractor notified its intent to claim due to Flood in Uchar Nullah					DHC letter - dated 05-September-2022 (Ref:105) Contractor's substantiation awaited.
4	KKH-02/C-4 Natural Catastrophe	On 29/08/2022, the Contractor notified its intent to claim due to exceptionally adverse climatic conditions (Natural Catastrophe)					DHC letter - dated 05-September-2022 (Ref:106) Contractor's substantiation awaited.

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	Superceded by VO-001R
	VO-001: Prefabricated Security Personnel Building (Uchar Camp)	11,987,906	-	11,987,906	Signed VO Issued on 24th June 2022
2	VO-002: Relocation of Explosive Magazine	6,972,310	-	6,972,310	Singed VO Issued on 25-3-2020
3	VO-003: Slope Stabilization at certain areas of Barseen, Kaigah and Khoshe Section	99,638,316	-	99,638,316	Variation Order signed on 7-Sep-2020
4	VO-004(R): Water Supply Scheme at Kuz Chuchang (K5+500).	663,964	-	663,964	Singed VO Issued on 02-06-2021
5	VO-005: Re-alignment - Tunnels, bridges and culverts	29.413 Billion	7.028 Billion	22,384,659,959	Singed VO Issued on 14-05-2022
6	VO-006: Construction of Safety Barriers around Schools	5,034,513	-	5,034,513	Singed VO Issued on 23-05-2022
7	VO-007: Mitigation Measures for Traffic Safety of Existing KKH	12,586,461	-	12,586,461	Singed VO Issued on 22-05-2022
8	Relocation of Water Supply Facilities in Uchar Village Situated within ROW of the Spoil Dumping Site at Uchar	11,616,918 (p)	-	11,616,918	Final Variation Order is ready, however, Contractor has not signed yet. Work has been completed. Provisional Interim payment was made.
Total				22,542,315,879	

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-04A : Varied Works for the traffic Diversion utilizing the LB Flushing Tunnel [Excluding Price Adjustment amount]	1,010,201,407	-	1,010,201,407	Engineer made his determination of Rates - DHC/Dasu/CGGC/MW-01/ys/22-030 dated 16th January 2022.
	VO-04B : Operation and Maintenance of Traffic Diversion Tunnel				Under Preperation
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
	VO-06 : For Provision of Power Supply to No.1 Crushing and Batching Plant	1,772,000,000			The Engineer made his determination amd issued via DHC/Dasu/CGGC/MW-01?CAD/22-494 dated 26th Sep 2022
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
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 2 nd 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)	Singed 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	Singed and issued on 19 July 2022
13	VO-013 Omission of 08 Units of Category-4D and Adjacent Road (S-11)		150,991,700	(150,991,700)	Signed and issued to the Contractor on 20 June 2022
14	VO-014 Supply and Installation of False Ceiling Lights in Project Office Building	38,179,140	37,705,434	473,706	Singed and issued on 25 August 2022
Total				(44,842,576.22)	

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 26 th February 2022.
	VO-002: Omission of Resettlement Sites Barseen-01, Kaigah-01 and Kaigah-02	715,099,577	715,099,577	715,099,577	The Engineer has issued a draft Variation order for approval on 9th sep 2022 via DHC/Dasu/ZEGL/LBRV-12/CAD/22-045
Total				809,467,527	

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

<i>CONTRACTS AWARDED</i>																	
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	30,528,449,060	26.55%					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	10,791,463,009	16.75%					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	11,444,980,786	78.72%	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	2,651,681,187	54.12%	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	276,856,713	42.28%				16-May-22	Work Inprogress. EOT granted
8	DASU-KKH-02	27-Oct-15	27-Feb-17	25-Apr-17	15-May-22	728	12-May-24	PKR 16,264,917,100	155,727,101	155,727,101	3,252,983,438	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 Cargo (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	21-Jul-2024			31-Jul-2024	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-Dec-2022	31-Dec-2022			28-Feb-2023	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	19-May-2023	19-May-2023	19-May-2023	19-May-2023	N/A
12	Dasu-RV	PKR 107,474,520	30-Sep-2022	PKR 65,481,520	xA/.	14-Dec-2022	14-Dec-2022	14-Dec-2022	14-Dec-2022	N/A

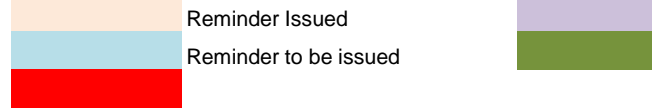
Valid Period

Near to Expiry

Expired

Reminder Issued

Reminder to be issued



APPENDIX K

Summary of Daily Work Records of MW-01 & 02 and EM-01

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Appendix K [2/21]

					1st layer shotcrete (6m3) K0+565~ Drilling for Rockbots Grouting & Install of Rock bolts K0+554~ Fixing of wire mesh	0+574 Grouting & Install of Rock bolts 6 Pieces installed K0+554~ Fixing of wire mesh EL.857 ~856 Cleaning and fixing of wire mesh Excavation and mucking
Cable crane foundation (Right Bank)	No Work	No Work	No Work	No Work	No Work	EL.1067~1065 Excavation work
Uchar New Crushing plant	No Work (No Work due to heavy rain & Flood in Uchar Nullah and Indus river)	No Work (No Work due to heavy rain & Flood in Uchar Nullah and Indus river)	Screening Workshop No.02 No Work Screening Workshop No.04 Fixing of Formwork Foundation Gallery Steel Fixing Batching Plant Area Excavation Mucking Sediment Tank Excavation	Screening Workshop No.02 No Work Screening Workshop No.03 No Work Screening Workshop No.04 Fixing of Formwork Foundation Gallery Steel Fixing Batching Plant Area Excavation & Mucking Sediment Tank Excavation & Mucking Fixing of Embaded parts of crushing plant Fixing of Embaded parts of crushing plant	No Work (No Work due to heavy rain & Flood in Uchar Nullah and Indus river)	No Work (No Work due to heavy rain & Flood in Uchar Nullah and Indus river)
Kass Camp	No Work (Work stopped by local people) Reason: (Payement issue)	No Work (Work stopped by local people) Reason: (Payement issue)	No Work (Work stopped by local people) Reason: (Payement issue)	No Work (Work stopped by local people) Reason: (Payement issue)	No Work (Work stopped by local people) Reason: (Payement issue)	No Work (Work stopped by local people) Reason: (Payement issue)
CR-5-2 / LU-2	No work	No work	No work	No work	No work	Fixing of scaffolding

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Date/Day Location	1 Thu	2 Fri.	3 Sat.	4 Sun.	5 Mon.
Diversions 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.
Diversions 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.
Diversions Tunnel B INLET	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	Roof Slab Install of reinforcement (Top layer) and fixing of scaffolding Cleaning of formwork Middle pier K0+002.3~0-035 Lift No.8 Adjustment of reinforcement Left Wall Lift No.7 Fixing of scaffolding for access Right wall Lift No.7 Fixing of formwork	Roof Slab Install of reinforcement (Top layer) Cleaning of formwork Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering Dewatering and repairing works at DT-B Inlet	Roof Slab Install of reinforcement (Top layer) Cleaning of formwork Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering Dewatering and repairing works at DT-B Inlet	Roof Slab Install of reinforcement (Top layer) Relocation of steel bar Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering Dewatering DT-B Inlet Pipe fixing for 2nd pump

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	raised and water entered the Diversion Tunnels over the Inlet Dyke.	Dewatering Adjustment of pipes for dewatering at DT-B Inlet Adjustment of pipes for dewatering at DT-B inet			
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 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.	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	K0+571~ Charging for additional blast Blast at 9:57 Hrs Mucking and scaling Geological mapping (Q-value=1.5) K0+575~0+579 Install of thickness pins Applied 1st layer of shotcrete (Quantity= 8m3) K0+540~0+565 Fixing of wire mesh Applied 2nd layer of shotcrete (Quantity= 20m3) K0+530~0+540 Applied remedial layer of shotcrete (Quantity= 4m3) K0+578.5~ Survey for blast Drilling for blast K0+565~0+569 Fixing of wire mesh EL.856~853 Fixing of wire mesh Drilling for rock bolts	K0+565~0+569 Fixing of wire mesh K0+578.5~ Drilling for blast Charging (Explosive used =250kg) Blast at 11:45 HrsMucking Geological mapping (Q-value=1.67) Applied 1st layer of shotcrete (Quantity= 6m3) K0+530~0+540 Applied remedial layer of shotcrete (Quantity= 10m3) K0+581.7~ Survey for blast Drilling for blast EL.856~853 Fixing of wire mesh	K0+565~0+569 Fixing of wire mesh K0+572~0+576Fixing of wire mesh K0+578.5~ Drilling for blast Charging (Explosive used =250kg) Blast at 11:40 Hrs Mucking Charging for additional blast Blast at 16:53Hrs Mucking and scaling Geological mapping (Q-value=1.8) Install of thickness pins Applied 1st layer of shotcrete (Quantity= 6m3) K0+530~0+540 Drilling for weep holes K0+585~ Survey for blast Drilling for blast EL.853~ Grouting and install of rock bolts 20 pieces installed	K0+558~0+562 Fixing of wire mesh K0+562~ Fixing of wire mesh K0+585~ Drilling for blast Charging Blasting and ventilation 12:32 Hrs~12:55Hrs Mucking Geological mapping (Q-value=2.08) Install of thickness pins Applied 1st layer of shotcrete (Quantity= 6m3) K0+574~0+588 Marking for rock bolts Drilling for rock bolts K0+450~ Drilling for weep holes EL.853~ Applied 2nd layer of shotcrete	K0+575~0+587.2 Grouting and install of Rock bolts(37nos.) Grouting and install of Rock bolts(32nos.) K0+480~0+502 Drilling for weepholes K0+588.2~ Survey and marking for blasting Drilling for blasting
Cable crane foundation (Right Bank)	EL.1067~1065 Excavation work	EL.1067~1065 Excavation work	No Work (Work stopped by local people) Reason: As there are some houses at downside, during excavation stones and debris fall upon their houses so they stopped the work.	No Work (Work stopped by local people) Reason: As there are some houses at downside, during excavation stones and debris fall upon their houses so they stopped the work.	No Work (Work stopped by local people) Reason: As there are some houses at downside, during excavation stones and debris fall upon their houses so they stopped the work.
Uchar New Crushing plant	Stone masonry at Retaining wall No. 3 and 4 Stone masonry at Retaining wall No. 3 and 4 Fixing of conveyor belt and embedded parts of crush plant Fixing of conveyor belt and embedded parts of crush plant Excavation and mucking for batching plant Pouring of concrete at sediment tank Fixing of reinforcement at foundation gallery near stock piles Removing of scaffolding at work shop No.3 Removing of formwork at work shop No.4 Breaking of stones by jack hammer	Stone masonry at Retaining wall No. 3 and 4 Fixing of conveyor belt and embedded parts of crush plant Charging for bolder blast at Batching plant area Blast at 11:00Hrs Excavation and mucking for batching plant Fixing of reinforcement at sediment tank Fixing of reinforcement at foundation gallery near stock piles Pouring of base slab concrete at foundation gallery near stock piles Removing of formwork from gallery walls Removing of scaffolding at work shop No.3 Tightening of scaffolding and formwork at work shop No.2 Removing of formwork at work shop No.4 Breaking of stones by jack hammer	Stone masonry at Retaining wall No. 3 and 4 Fixing of conveyor belt and embedded parts of crush plant Excavation and mucking for batching plant Placing of lean concrete ar batching plant area (25*25m) Fixing of reinforcement at sediment tank Fixing of reinforcement and formwork at foundation gallery near stock piles Fixing of reinforcement and formwork at foundation gallery near stock piles Tightening of scaffolding and formwork at work shop No.2 (G-floor slab) Breaking of stones by jack hammer	Stone masonry at Retaining wall No. 3 Fixing of conveyor belt and embedded parts of crush plant Fixing of reinforcement at conveyor belt foundation Excavation and mucking for batching plant Placing of lean concrete at screening workshop No.4 Fixing of reinforcement at sediment tank Fixing of reinforcement and formwork at foundation gallery near stock piles Fixing of reinforcement and formwork at foundation gallery near stock piles Removing of formwork at ground floor and install of reinforcement at first floor (Workshop No.2) Breaking of stones by jack hammer Drilling for blast Charging Blast 11:00Hrs	Stone masonry at Retaining wall No. 3 and #4 Fixing of conveyor belt and embedded parts of crush plant Fixing of reinforcement at conveyor belt foundation Excavation and mucking for batching plant Area Fixing of reinforcement at sediment tank Fixing of reinforcement and formwork at foundation gallery near stock piles Fixing scaffolding at foundation gallery near stock piles Removing of formwork at ground floor and install of reinforcement at first floor (Workshop No.2) Removing of formwork at ground floor and install of reinforcement at first floor (Workshop No.2) Breaking of stones by jack hammer Excavation with J. Hammer at batching plant area Excavation and loading of muck from Near Wall #7 and dumping at wall 4

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Kass Camp	No Work (Work stopped by local people) Reason: Contractor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contractor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contractor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contractor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contractor gave some minor contracts to other than land owners so the land owners stopped the work.
CR-5-2 / LU-2	Fixing of formwork	Fixing of formwork for water tank	No work	Fixing of formwork and scaffolding Cleaning and removing loose materials	Pouring of concrete of water tank 48m3

Date/Day Location	6 Tue.	7 Wed.	8 Thu.	9 Fri.	10 Sat.
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 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. Outlet Dyke Drilling for blast Charging Blast 14:52Hrs Excavation	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	Roof Slab Install of reinforcement (Top layer) Install of formwork Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering DT-B Inlet One pump is in running condition Pipe fixing for 2nd pump Dewatering DT-B Inlet One pump is in running condition	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering DT-B Inlet One pump is in running condition Repairing of dewatering pipes Dewatering DT-B Inlet Two pump is in running condition	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering DT-B Inlet Two pump is in running condition Dewatering DT-B Inlet Two pump is in running condition	Roof Slab Install of reinforcement (Top layer) Cleaning of rusted reinforcement bars Middle pier K0+002.3 ~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Cleaning of rusted reinforcement bars Dewatering Dewatering DT-B Inlet Two pump is in running condition Dewatering DT-B Inlet Two pump is in running condition	Roof Slab Install of reinforcement (Top layer) Cleaning of rusted reinforcement bars Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 Dewatering Two pump is in running condition Dewatering DT-B Inlet Two pump is in running condition
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 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.	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	K0+588.2~ Drilling for blasting Charging Blast and ventilation Mucking and	K0+584~593 1st layer of shotcrete K0+593 ~	K0+595.5~ Drilling for blast Charging Blast and ventilation Mucking and	K0+598.5~ Drilling for blast Charging (Explosive used = 250kg)	K0+601 No work K0+587.2~0+601

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Tunnel Portal	scaling Charging for additional blast (6KG) Blast at 2:54Hrs Mucking and scaling EL.856-853 Drilling for blasting Blast at 15:15Hrs Mucking and scaling	Survey for blast Drilling for blast Charging for blast Blast & ventilation Excavation & mucking Geological mapping Q 1.7 1st layer of shotcrete (8m3) K0+562 -K0+572 2nd layer of shotcrete (24m3) K0+595.5- Survey for blast Drilling for blast Charging for blast EL.856-853 Spray of 1st layer shotcrete	scaling Geological mapping 1st layer of shotcrete K0+598.5- Survey for blast Drilling for blast K0+572-0+575 Fixing of wire mesh EL.856-853 Applied 1st layer shotcrete	Blast and ventilation Mucking Mucking and scaling Geological mapping EL.856-853 Applied a layer shotcrete EL.857-856 Drilling for rock bolts	Applying of 1st layer of shotcrete K0+587.2-0+600 Marking and drilling for rockbolts EL.857-856 Drilling for rock bolts
Cable crane foundation (Right Bank)	No Work (Work stopped by local people) Reason: As there are some houses at downside, during excavation stones and debris fall upon their houses so they stopped the work.	Excavation work resumed	No work	Drilling holes for blasting	Drilling holes for blasting
Uchar New Crushing plant	Stone masonry at Retaining wall No. 3 and #4 Fixing of conveyor belt and embedded parts of crush plant Fixing of reinforcement at conveyor belt foundation Excavation and mucking for batching plant Area Fixing of reinforcement at sediment tank Fixing of reinforcement at foundation of conveyor belt Fixing of reinforcement at gallery foundation near stock piles Formwork removing at screening workshop No-4 Fixing of steel and formwork at main crushing plant Drilling for boulder blast Stone breaking with jackhammer Excavation near crushing workshop Fixing scaffolding at screening workshop No-2 Fixing of scaffolding at gallery foundation Excavation at batching plant area Breaking of stones by jack hammer	Excavation for Retaining wall No.1 Fixing of conveyor belt and embedded parts of crush plant Wall No.4 and 3 masonry work Excavation and mucking for batching plant Area Fixing of reinforcement at sediment tank Fixing of reinforcement at foundation of conveyor belt Fixing of reinforcement at gallery foundation near stock piles Formwork removing at screening workshop No-4 Fixing of steel and formwork at main crushing plant Drilling for boulder blast Stone breaking with jackhammer Fixing of formwork at gallery foundation Fixing of formwork and steel at screening workshop No.1&2 Breaking of stones by jack hammer and excavation at batching plant area	Excavation for Retaining wall No.1 Fixing of conveyor belt and embedded parts of crush plant Stone masonry work at Retaining wall No.4,3 and 5 Excavation and mucking for batching plant Area Fixing of reinforcement at sediment tank Fixing of reinforcement at foundation of conveyor belt Fixing of reinforcement at gallery foundation near stock piles Formwork removing at screening workshop No-4 Fixing of steel and formwork at main crushing plant Drilling for boulder blast Excavation and mucking at Retaining wall No.2 from down side Fixing of formwork an steel at gallery foundation near wall No.4 Fixing of scaffolding at screening workshop No.2 near wall No.3 Excavation and mucking near Retaining wall No.6	Excavation for Retaining wall No.1 Fixing of conveyor belt and embedded parts of crush plant Stone masonry work at Retaining wall No.4,3 and 5 Excavation and mucking for batching plant Area Fixing of reinforcement at sediment tank Fixing of reinforcement at foundation of conveyor belt Fixing of reinforcement at gallery foundation near stock piles Formwork removing at screening workshop No-4 Fixing of steel and formwork at main crushing plant Drilling for boulder blast Breaking of stone Excavation and mucking at Retaining wall No.2 from down side Fixing of formwork an steel at gallery foundation near wall No.4 Fixing of scaffolding at screening workshop No.2 Excavation and mucking near Retaining wall No.6	Excavation for Retaining wall No.1 Fixing of conveyor belt and embedded parts of crush plant Stone masonry work at Retaining wall No.4,3 and 5 Excavation and mucking for batching plant Area Excavation and mucking at batching plant area Fixing of reinforcement at sediment tank Fixing of reinforcement at gallery foundation near stock piles Pouring of concrete at gallery foundation near stock piles Scaffolding and Fixing of reinforcement at gallery foundation near stock piles Drilling for boulder blast at batching plant area Pouring of concrete at batching plant area base Breaking of stone Fixing of scaffolding at screening workshop No.2
Kass Camp	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.
CR-5-2 / LU-2	Fixing of formwork	Removal of formwork and scaffolding	Removing of formwork and scaffolding	Removing of formwork and scaffolding	Fixing of Scaffolding for water tank

Date/Day Location	11 Sun.	12 Mon.	13 Tue.	14 Wed.	15 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	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in	NVERT U/S No Work INVERT D/S No Work D/S 3rd+4th Lift No Work No Work due to Flood in

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	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.	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.	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. Outlet 1 Pump operated by CGGC 2 Pump operated by CGGC	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. Outlet 1 Pump operated by CGGC 2 Pump operated by CGGC	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. Outlet 2 Pump operated by CGGC
Diversion Tunnel B Inlet Portal	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3 ~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 Part No. 2 and 3 Right and Left wall Cleaning of rusted reinforcement bars Dewatering One pump is in running condition Repairing of the second pump Dewatering by second pumps Dewatering by two pumps	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 Part No. 2 and 3 Right and Left wall Cleaning of rusted reinforcement bars Dewatering by two pumps	Roof Slab Install of reinforcement (Top layer) and fixing of scaffolding Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering by one pumps from 7:30Hrs~ 17:30Hrs and both pumps from 10:30Hrs~ 17:30Hrs	Roof Slab Install of reinforcement (Top layer), welding works and fixing of scaffolding Shifting of reinforcement Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 No work Dewatering by two pumps	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3~0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall Lift No.7 Arrangement for concrete Part No. 2 and 3 Right and Left wall Cleaning of rusted reinforcement bars Dewatering by two pumps
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 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.	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	K0+587~0+600 Drilling for Rock bolts Grouting and install of rock bolts 65 pieces grouted and installed Applied a layer of shotcrete K0+602.5~ Drilling for blast Charging and blasting Mucking and scaling EL.857~856 Drilling for rock bolts Grouting and install of rock bolts	K0+602.5~ Mucking and scaling Applied 1st layer of shotcrete Survey for blast K0+572~ Fixing of wire mesh K0+605.5~ Drilling for blast EL.857 ~856 Scaling Applied remedial layer of shotcrete	K0+605.5~ Drilling for blast Charging Blast at 18:45Hrs Mucking Applied 1st layer of shotcrete Survey for blast Applied remedial layer of shotcrete	K0+609.5~ Drilling for blast Charging Blast at 14:30Hrs Mucking Applied 1st layer of shotcrete K0+575~ Fixing of wire mesh Applied 2nd layer of shotcrete EL.853~ Excavation, Mucking and scaling	K0+578~ Fixing of wire mesh K0+600~0+611 Drilling for rock bolts Grouting and install of rock bolts K0+613~ Drilling for blast Charging Blast at 00:58Hrs Mucking
Cable crane foundation (Right Bank)	Drilling holes for blasting	Drilling holes for blasting	Drilling holes for blasting	Drilling holes for blasting	Drilling holes for blasting
Uchar New Crushing plant	Fixing of conveyor belt and embedded parts of crush plant Stone masonry work at Retaining wall No.4,3 and 5 Excavation and mucking for batching plant Area Excavation and mucking at batching plant area Fixing of reinforcement at sediment tank and foundation of conveyor belt Removing of formwork at gallery foundation near stock piles Removing of formwork at gallery foundation near stock piles Drilling for boulder blast at batching plant area Breaking of stone	Fixing of conveyor belt and embedded parts of crush plant Stone masonry work at Retaining wall No.3,4 and 5 Excavation and mucking for batching plant Area Excavation and mucking at batching plant area Fixing of reinforcement at sediment tank and foundation of conveyor belt Removing of formwork at gallery foundation near stock piles Removing of formwork at gallery foundation near stock piles Drilling for boulder blast at batching plant area Fixing of	Fixing of conveyor belt and embedded parts of crush plant Fixing of conveyor belt and embedded parts of crush plant Fixing of formwork at Retaining wall No.1 Stone masonry work at Retaining wall No.3,4 and 5 Excavation and mucking for batching plant Area Excavation and mucking at batching plant area Fixing of reinforcement at foundation of conveyor belt Back filling at gallery foundation near stock piles Charging and blast Fixing of reinforcement and formwork at main	Fixing of conveyor belt and embedded parts of crush plant Fixing of formwork at Retaining wall No.1 Pouring of concrete at Retaining wall No.1 Stone masonry work at Retaining wall No.3 and 5 Excavation and mucking for batching plant Area Fixing of reinforcement at foundation of conveyor belt Back filling at gallery foundation near stock piles Pouring of concrete at main crusher Breaking of stones by Jack hammer	Fixing of conveyor belt and embedded parts of crush plant Removing of formwork at Retaining wall No.1 Removing of formwork at Retaining wall No.1 Stone masonry work at Retaining wall No.3 and 5 Excavation and mucking for batching plant Area Fixing of reinforcement at foundation of conveyor belt Removing of formwork at main crusher Breaking of stones by Jack hammer Drilling for boluder blast Demolishing of

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	by jack hammer Breaking of stone by jack hammer Fixing of formwork at screening workshop No.4	formwork at main crusher Fixing of formwork at screening workshop No.4	crusher Arrangement of concrete at screening workshop No.4 Breaking of stones by Jack hammer		houses in uchar (01 Excavator 1E07 used for demolishing)
Kass Camp	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.
CR-5-2 / LU-2	Removing of formwork and scaffolding	Removing of formwork and scaffolding	Removing of formwork and scaffolding	No work	Excavation and mucking

Date/Day Location	16 Fri.	17 Sat.	18 Sun.	19 Mon.	20 Tue.
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. Outle 2 Pumps operated by CGGC	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	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall K0+002.3-0-033 EL.781.4-783.9 Lift No.8 Arrangement for concrete Pouring of concrete Total concrete quantity poured (A-25) = 335.9m3 Dewatering by using one pump and repairing of another pumps	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 No work Left Wall Lift No.7 No work Right wall K0+002.3-0-033 EL.781.4-783.9 Lift No.8 Chipping of concrete surface Dewatering by using one pump and repairing of another pumps Dewatering by using repaired pump	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 Pouring of concrete 150m3 continue Left Wall Lift No.7 No work Right wall K0+002.3-0-033 Fixing of Reinforcement, Chipping and curing Dewatering by using one pump	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 Pouring of concrete Total quantity poured (A-25) = 275.6m3 Chipping work Left Wall Lift No.7 No work Right wall K0+002.3-0-033 No work Dewatering Record Note: There is no dewatering in the Night shift, as the water level reached below the base slab level (EL. 765.9m).	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 Chipping work and curing Left Wall Lift No.7 Preparation for concrete Right wall K0+002.3-0-033 No work
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 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	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	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	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	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. Outlet

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	the Diversion Tunnels over the Inlet Dyke. Outlet 2 Pumps operated by WAPDA	the Diversion Tunnels over the Inlet Dyke. Outlet 2 Pumps operated by WAPDA	the Diversion Tunnels over the Inlet Dyke. Outlet 2 Pumps operated by WAPDA	the Diversion Tunnels over the Inlet Dyke. Outlet 2 Pumps operated by WAPDA	2 Pumps operated by WAPDA
Traffic Diversion Tunnel Portal	K0+586~ Fixing of wire mesh K0+572~ 0+576 Applied 2nd layer of shotcrete K0+613~ Mucking and scaling Geological mapping Applied 1st layer of shotcrete K0+615.2~ Survey for blast Drilling for blast Charging Blast at 5:18Hrs Ventilation EL.853~ Marking for rock bolts No work due malfunctioning of drill Jambo 9:50Hrs~2:40Hrs Drilling for rock bolts	K0+586~ Fixing of wire mesh K0+615.2 ~0+619 Mucking and scaling Geological mapping Applied 1st layer of shotcrete K0+619~ Survey for blast Drilling for blast Charging Blast at 1:28Hrs Mucking and scaling EL.853~ Drilling for rock bolts	K0+595~0+622 Fixing of wire mesh K0+619~ Mucking and scaling Geological mapping Applied 1st layer of shotcrete K0+619~ Survey and marking for blast Drilling for blast Charging Blast at 16:32Hrs Mucking and scaling Charging for additional blast Blast and ventilation Mucking and scaling Geological mapping Install 1st layer of shotcrete K0+582~0+596 Applied 2nd layer of shotcrete EL.853~851 Fixing of wire mesh	K0+612~0+624 Drilling for rock bolts Grouting and install of rock bolts 40 Pieces installed K0+595~ Fixing of wire mesh K0+550~ Drilling for weep holes K0+626~ Survey for blast Drilling for blast Charging Blast at 5:30Hrs EL.853~851m Fixing of wire mesh Making access for LBTT portal Grouting and install of rock bolts 18 pieces installed at EL. 852m	K0+596~ Fixing of wire mesh K0+626~0+630 Mucking and scaling Geological mapping 1st layer shotcrete K0+629.2~ Survey for blast Drilling for blast Note:Drilling stopped due to breakdown of jambo EL.853~851m Fixing of wire mesh Washing the rock surface 1st layer shotcrete
Cable crane foundation (Right Bank)	Drilling holes for blasting at El. 1065	Making access by fixing scaffolding for the support work at EL.1065.	Drilling for Rock bolts at EL.1065.	Fixing of scaffolding pipes for making access at EL.1065 and Gabions filling by stones for the install along the access road	Shifting of Rock Dowels at site
Uchar New Crushing plant	Fixing of conveyor belt and embedded parts of crush plant Excavation at foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Fixing of reinforcement at batching plant Area Fixing of reinforcement at batching plant Area Preparation of concrete at sediment tank Removing of formwork and scaffolding from screening workshop No.4 Removing of formwork and scaffolding from screening workshop No.4 Breaking of stones by Jack hammer	Fixing of conveyor belt and embedded parts of crush plant Fixing of formwork at foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Fixing of reinforcement at batching plant Area Preparation of concrete at sediment tank Excavation at Retaining wall NO.1 Excavation at Retaining wall NO.1 Removing of formwork and scaffolding from screening workshop No.3 Breaking of stones by Jack hammer	Fixing of embedded parts at crush plant Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Fixing of reinforcement at batching plant area Fixing of reinforcement and formwork at batching plant area Preparation of concrete at sediment tank Pouring of concrete at sediment tank Excavation and mucking at Retaining wall NO.1 Excavation at Retaining wall NO.1 Breaking of stones by Jack hammer	Fixing of embedded parts at crush plant Fixing of formwork at the foundation of conveyor belt Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Fixing of reinforcement at batching plant area Excavation at batching plant area Removing of formwork at sediment tank Excavation and mucking at Retaining wall NO.1 Excavation at Retaining wall NO.1 Breaking of stones by Jack hammer	Fixing of embedded parts at crush plant Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Fixing of reinforcement at batching plant area Pouring of concrete at sediment tank Excavation and mucking at Retaining wall NO.1 Breaking of stones by Jack hammer
Kass Camp	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land owners so the land owners stopped the work.
CR-5-2 / LU-2	No work	Excavation and mucking at Chainage K0+490	Excavation and mucking at Chainage K0+490	Dumping and backfilling	No work

Date/Day Location	21 Wed.	22 Thu.	23 Fri.	24 Sat.	25 Sun.
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.	Cleaning and removal of mud material	Cleaning and removal of mud material
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.	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.	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.	INVERT U/S K0+200~K0+400 Cleaning and removal of mud material	INVERT U/S K0+140~K0+400 Cleaning and removal of mud material

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	The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.	The Temporary access damaged again.Due to Flood River water level raised and water entered the Diversion Tunnels over the Inlet Dyke.		
Diversio n Tunnel B Inlet Portal	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3-0-035 Lift No.8 Chipping work and curing Left Wall Lift No.7 Preparation for pouring concrete Cleaning the surface for concreting Right wall K0+002.3-0-033 No work	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Lift No.8 No work Left Wall Lift No.7 EL. 781.4-783.9 Pouring of concrete Total quantity poured (A-25) = 332.6 m3 Right wall K0+002.3-0-033 No work	Roof Slab Install of reinforcement (Top layer) Middle pier K0+002.3-0-035 Lift No.8 Curing of concrete Left Wall Lift No.7 EL. 781.4-783.9 Chipping and curing of concrete Right wall K0+002.3-0-033 Install of reinforcement and fixing of formwork	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Fixing of reinforcement Left Wall Lift No.7 Curing and removal of formwork Right wall K0+002.3-0-033 EL.784.4-786.9 Lift No.9 Fixing of formwork	Roof Slab Install of reinforcement (Top layer) and fixing of formwork Middle pier K0+002.3-0-035 Fixing of reinforcement Left Wall Lift No.7 Chipping and removal of formwork Right wall K0+002.3-0-033 EL.784.4-786.9 Lift No.9 Pouring of concrete Pouring of concrete Total quantity poured 338.2m3
Diversio n 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 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. Outlet No work Note: WAPDA has removed their Pumps	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. Outlet No work Note: WAPDA has removed their Pumps	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. Outlet No work Note: WAPDA has removed their Pumps	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. Outlet No work Note: WAPDA has removed their Pumps	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. Outlet No work Note: WAPDA has removed their Pumps
Traffic Diversio n Tunnel Portal	K0+596- Fixing of wire mesh K0+629.2- Drilling for blast Charging Blast at 12:08Hrs Mucking and scaling Geological mapping 1st layer shotcrete K0+632.8- Survey for blast Drilling for blast Charging and blasting 2:30Hrs EL.853-851m 1st layer shotcrete	K0+608- Fixing of wire mesh K0+632.8-0+636 Mucking and scaling Geological mapping 1st layer shotcrete K0+636- Survey for blast Drilling for blast Charging and blasting Blast at 1:30Hrs Mucking and scaling EL.853-851m 1st layer shotcrete	K0+636-0+640 Mucking and scaling Geological mapping Applied 1st layer of shotcrete K0+595- Applied 2nd layer of shotcrete K0+612- Fixing of wire mesh K0+624-0+640 Drilling for rock bolts Grouting and install of rock bolts 56 Pieces at this chainage and 2 remaining pieces installed EL.853-851m Applied 2nd layer shotcrete	K0+612- Fixing of wire mesh K0+639.3- Survey for blast Drilling for blast Charging Blast at 14:15Hrs Excavation and mucking Geological mapping Applied 1st layer of shotcrete 6m3 K0+642- Survey for blast Drilling for blast EL.853 ~ 851 Applied 2nd layer of shotcrete EL.851-849 Excavation and mucking	K0+616- Fixing of wire mesh K0+643- Drilling for blast Charging Blast at 14:30Hrs Excavation and mucking Geological mapping Install of thickness pins Applied 1st layer of shotcrete 6m3 EL.851-849 Excavation and mucking
Cable crane foundation (Right Bank)	No work	No work	Charging and blasting Explosive used = 50 kg	No work	No work
Uchar New Crushing plant	Fixing of embedded parts at crush plant Fixing of formwork at the foundation of conveyor belt Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Pouring of concrete at Retaining wall No.3 Fixing of reinforcement at batching plant area Excavation at batching plant area Remoal of formwork at sediment tank Excavation, mucking and fixing of	Fixing of embedded parts at crush plant Fixing of formwork, excavation and mucking at Retaining wall No.1 Fixing of formwork at the foundation of conveyor belt Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3 and 5 Pouring of concrete at Retaining wall No.3 Fixing of reinforcement at batching plant area Excavation and mucking at batching plant area Remoal of formwork at sediment tank Excavation, mucking and fixing of formwork at Retaining wall NO.1	Fixing of embedded parts at crush plant Fixing of formwork at the foundation of conveyor belt Fixing of formwork at the foundation of conveyor belt Stone massonary work at Retaining wall No.3,5 and 8 Fixing of reinforcement, formwork and steel plates at batching plant area Concrete pouring at Retaining wall NO.1 and at protection wall near main crusher Excavation and mucking at Retaining wall NO.1 Breaking of stones by Jack hammer Fixing of	Fixing of conveyor belt and embedded parts of crush plant Fixing of formwork at foundation of conveyor belt Pouring of concrete at Retaining wall No.1 Excavation and mucking at Retaining wall No.1 Stone massonary work at Retaining wall No.3 and 5 Stone massonary work at Retaining wall No.3 and 5 Fixing of formwork at batching plant Area Excavation and mucking at batching plant Area Breaking of stones by Jack hammer	Fixing of conveyor belt and embedded parts of crush plant Pouring of concrete at foundation of conveyor belt Pouring of concrete at Retaining wall No.1 Stone massonary work at Retaining wall No.3 and 5 Breaking of stones by Jack hammer Fixing of embedded parts of crush plant Excavation and mucking at batching plant Area Breaking of stones by Jack hammer

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	formwork at Retaining wall NO.1 Breaking of stones by Jack hammer Breaking of stones by Jack hammer Pouring of concrete at saftey blocks	Breaking of stones by Jack hammer Breaking of stones by Jack hammer Pouring of concrete at Retaining wall NO.3 Pouring of concrete at saftey blocks	formwork at saftey blocks Stone massonary work at gallery area		
Kass Camp	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land onwers so the land onwers stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land onwers so the land onwers stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land onwers so the land onwers stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land onwers so the land onwers stopped the work.	No Work (Work stopped by local people) Reason: Contactor gave some minor contracts to other than land onwers so the land onwers stopped the work.
CR-5-2 / LU-2	Excavation and mucking	No work	No work	No work	No work

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	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	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: Resumption of Work after submission of Incident corrective action Plan.	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work
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	Note: Resumption of Work after submission of Incident corrective action Plan.	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
GIS Cavern Access Tunnel from STA	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
Connection Tunnel to Powerhouse From STA	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day F. Ch:0+076 No Activity Night F. Ch:0+076 No Activity	Day 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: Resumption of Work after submission of Incident corrective action Plan.	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work
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	Note: Resumption of Work after submission of Incident corrective action Plan.	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work
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.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	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	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	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	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 Night No Activity	Day Vertical Existing shaft No Activity Night No Activity	Day Vertical Existing shaft No Activity Night No Activity	Day Vertical Existing shaft No Activity Night No Activity	Day Vertical Existing shaft No Activity Night No Activity	Day Vertical Existing shaft No Activity Night No Activity	Day Vertical Existing shaft No Activity Night No Activity
CR-5-1 Access road and LU-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	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	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: Resumption of Work after submission of Incident corrective action Plan.	Contractor starts site work(s) preparation after resumption of work	Note: Drilling and grouting for rock dowels + 2 nd Layer shotcrete sprayed 12m ³ .
Switch Yard Compound	Note: suspension of work due to contractor's failure to ensure safe working	Note: suspension of work due to contractor's failure to ensure safe working	Note: suspension of work due to contractor's failure to ensure safe working	Note: suspension of work due to contractor's failure to ensure safe	Note: Resumption of Work after submission of	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work

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	condition from 16/08/2022	condition from 16/08/2022	condition from 16/08/2022	working condition from 16/08/2022	Incident corrective action Plan.		
Switch Yard	Day work order	Day work order	Day work order	Day work order	Day work order	Day work order	Day work order
Day Work	No Activity	No Activity	No Activity	No Activity	No Activity	No Activity	No Activity

ate/Day Location	22 Thursday	23 Friday	24 Saturday	25 Sunday
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	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work	Scaling of Cracked areas / Remedial shotcrete was in progress	Ch0+80-0+85 Drilling for Rock dowel Installation of Rebar mesh on right wall.
Transformer Cavern Pilot Tunnel I-1 and I-3	Contractor starts site work(s) preparation after resumption of work	Contractor starts site work(s) preparation after resumption of work	No Activity	Ch: 0+241-0+230 Invert Blast for 2 nd Bench II-1 was carried out mucking was in progress
Powerhouse Cavern Pilot tunnel (Crown portion) I-2	Pouring of sika Crete 114 for post tendon head cap/formwork for post tendon head cap.	Pouring of sika Crete 114 for post tendon head cap/formwork for post tendon head cap.	Pouring of sika Crete 114 for post tendon head cap/formwork for post tendon head cap.	Pouring of sika Crete 114 for post tendon head cap/formwork for post tendon head cap.
Powerhouse Cavern Pilot (Right Crown Portion) I-3 & I-1	Repairing of headblock of tension rock bolt was in progress. Rectification of rebar mesh was in progress.	Repairing of headblock of tension rock bolt was in progress. Rectification of rebar mesh was in progress.	Repairing of headblock of tension rock bolt was in progress. Rectification of rebar mesh was in progress.	Ch: 0+241-0+230 Invert Blast for 2 nd Bench II-1 was carried out mucking was in progress
01A Drain Tunnel Left Crown PH I-2	Day 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 F.ch:0+046.0(Approx.) No activity	Day 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	Charging for Blast without getting approval from OHS/DHC	Charging for Blast Blast carried out. 1 st Layer shotcrete was sprayed	Ch: 0+004-0+009 Fixing of wire mesh was in progress.	Ch: 0+004-0+009 Fixing of wire mesh was in progress.

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Penstock Adit Tunnel towards Lower pressure Tunnel No 2	Preparation work after resumption of work.	No Activity	No Activity	No Activity
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	Surveying for Blast Drilling for Blast was in progress	F.Ch.: 0+062(Approx) Charing for blast Blast carried out Mucking and Mapping was in progress	Drilling for rock dowels / support work was in progress.	F.Ch.: 0+062(Approx) Charing for additional blast Blast carried out Mucking and Mapping was in progress
Surge Chamber Vault Access Tunnel	Charging for Blast towards right side Chamber #2	Chamber#1 Ch.0+21 Chamber#2 Ch0+23 Blast was carried out Both chamber mucking was in progress.	Ch0+23 Blast was carried out mucking was in progress.	Chamber#1 Ch.0+22 Chamber#2 Ch0+25 Mucking from both chambers/Gallery was in progress
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	Lowering level / surface excavation for was in progress	Lowering level / surface excavation for was in progress	Lowering level / surface excavation for was in progress	Lowering level / surface excavation for was in progress
CT-2 Adit Tunnel	F.ch:0+105 Drilling for Blast Blast Carried Out.	F. Ch: 0+108. Charging for blast	F. Ch: 0+108. Charging for blast blast carried out Mucking & scaling was in progress.	F. Ch: 0+112. Charging for blast blast carried out Mucking & scaling was in progress.
Switch yard Compound	Preparation work after resumption of work	Preparation work after resumption of work	Preparation work after resumption of work	Platform Excavation/Lowering Level at EL.930 to 920m was in progress 5th Bench slope Excavation above EL.960 was in progress
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

