

Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

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Date : 14th February 2023
Enclosure(s) : As stated

Subject : Progress Report for the Month of January 2023 of Consultancy Services for Detailed Design, Construction Supervision and Project Management Support for Coastal Embankment Improvement Project, Phase-1 (CEIP-1).

Dear Mr. Syed Hasan Imam,

With reference to our mutual agreement for the above mentioned project, we have the pleasure in submitting herewith 10 (Ten) copies coloured Progress Report in original for the month of January 2023.

We trust to have informed you satisfactorily.

Yours Sincerely,


Jean Henry (Harrie) Laboyrie
Team Leader, CEIP-1
Detailed Design Construction Supervision and Project Management Support

Copy to:

1. Office copy



Coastal Embankment Improvement Project, Phase-1 (CEIP-1)



**Consultancy Services for Detailed Design, Construction
Supervision and Project Management Support**

**Progress Report No. 93
Month of January 2023**

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Abbreviations and Acronyms

ARIPO	Acquisition and Requisition of Immovable Property Ordinance
BADC	Bangladesh Agriculture Development Corporation
BARI	Bangladesh Agriculture Research Institute
BBS	Bangladesh Bureau of Statistics
BIWTA	Bangladesh Inland Water Transport Authority
BoQ	Bill of Quantities
BRRRI	Bangladesh Rice Research Institute
BTM	Bangladesh Transverse Mercator
BWDB	Bangladesh Water Development Board
BM	Benchmark
CC	Climate Change or Cement Concrete (no re-bar, e.g., CC blocks)
CCL	Cash Compensation under Law
CDP	Coastal Development Policy
CDMP	Comprehensive Disaster Management Program
CDS	Coastal Development Strategy
CDSP	Char Development and Settlement Project
CEGIS	Centre for Environmental and Geographic Information Services
CEIP-1	Coastal Embankment Improvement Project – Phase 1
CEP	Coastal Embankment Project
CERP	Coastal Embankment Rehabilitation Project
CES	Coastal Embankment System
CPP-I	Cyclone Protection Project - I
CPP-II	Cyclone Protection Project - II
CUL	Compensation under Law
CZE	Coastal Zone Embankment
CZPo	Coastal Zone Policy
CZWMP	Coastal Zone Water Management Program
CSPS	Cyclone Shelter Preparatory Study
DAE	Department of Agriculture <i>Extension</i>
DC	Deputy Commissioner
DDCS&PMS	Detailed Design Construction Supervision and Project Management Support (RHDHV)
DEM	Digital Elevation Model
DevCon	DevConsultants Ltd. Bangladesh Consultants
DHI	Danish Hydraulic Institute, Denmark
DLR	Director Land Records
DoE	Department of Environment
DoF	Department of Fisheries
DPM	Design Planning & Management Consultants
EAP	Environmental Action Plan
ECRRP	Emergency Cyclone Recovery and Restoration Project
EDP	Estuary Development Program
EHS	Environmental Health and Safety
EIA	Environmental Impact Assessment
EMA	External Monitoring Agency

EMP	Environmental Management Plan
EPG	Embankment Protection Group
EPs	Entitled Persons
ES	Embankment Settlers
FAP-7	Flood Action Plan -7
FCDI	Flood Control Drainage & Irrigation
FGD	Focus Group Discussion
FFG	Foreshore Forestry Group
GoB	Government of Bangladesh
GPP	Guidelines for People's Participation
GPS	Global Positioning System
GRM	Grievances Redress Mechanism
GRRP	Gorai River Restoration Project
IBRD	International Bank for Reconstruction & Development
ICB	International Competitive Bidding
ICZM	Integrated Coastal Zone Management
ICZMP	Integrated Coastal Zone Management Plan
ICZMP	Integrated Coastal Zone Management Program
IDA	International Development Agency
IESCs	Important Environmental and Social Components
IoL	Inventory of Losses
IPC	Interim Payment Certificate (invoice of Contractor)
IPSWAM	Integrated Planning for Sustainable Water Management
IWM	Institute of Water Modelling
IEE	Initial Environmental Examination
KJDRP	Khulna Jessore Drainage Rehabilitation Project
KAFCO	Karnaphuli Fertilizer Company Limited
LAP	Land Acquisition Plan
M&EC	Monitoring and Evaluation Consultants (Third Party Consultants)
MES	Meghna Estuary Studies
MOEF	<i>Ministry of Environment and Forest</i>
MOFDF	Ministry of Food and Disaster Management
MOWR	Ministry of Water Resources
MSL	Mean Sea Level (expressed in + or – mPWD)
NEPo	National Environmental Policy
NGO	Non-Government Organization
NWMP	National Water Management Plan
PAP	Project Affected People
PAVC	Property Assessment and Valuation Committee
PBM	Permanent Bench Mark
PDC	Polder Development Committee
PMU	Project Management Unit
PWD	Public Works Department (e.g., + 3 mPWD)
RHDHV	Royal HaskoningDHV and Partners (The Engineer, DDCS & PMS Consultants)
RAP	Resettlement Action Plan
RF	Result Framework

RoR	Record of Rights
SIA	Social Impact Assessment
SLR	Sea Level Rise
SMRPFW	Social Management and Resettlement Policy Framework
SRP	System Rehabilitation Project
SWZ	South Western Zone
SZ	Southern Zone
SoB	Survey of Bangladesh
TRM	Tidal River Management
TBM	Temporary Bench Mark
ToR	Terms of Reference
WARPO	Water Resources Planning Organization
WB	World Bank
WMA	Water Management Association
WMIP	Water Management Improvement Project
WSIP	Water Sector Improvement Project
WUA	Water Users Association

1. Executive Summary

1.1 General

This Monthly Progress Report (MPR) is over the month of **January 2023**. The Executive Summary Chapter will highlight the various developments and issues at stake in a qualitative manner whereas the remaining Chapters will provide more quantitative information and details on the activities and progress of the month of January 2023.

The Executive Summary will first focus on the implementation of the 2 (two) Construction Contracts for **Package W/01** and **Package W/02**. Secondly, in this section, the Consultants activities are also addressed. Activities and issues of a more general nature will be addressed thereafter.

1.2 Implementation of Works under Package W/01 and Package W/02

In the current phases of the CEIP-1 Project, Consultant's focus is on the progress of the construction of Civil Works for Package W/01 and Package W/02. Other Consultant's tasks are summarised separately in this Chapter.

1.2.1 Package W/01 Implementation

The key issues for the month of January 2023 regarding Package-1 are summarised below as follows:

- The physical progress in January 2023 is 0.03% and cumulative physical progress up to January 2023 is 97.55% against revised program of 100%. So, the progress is lagging by 2.45%. In respect to the lagging of progress, it can be mentioned here that the actual physical works which are yet to be completed by the Contractor is estimated to be 0.5% of the Whole Works under Contract No. CEIP-1/W-01. In fact, the weightage for CC Blocks production was assigned based on the contract quantity, which will vary from that actually accomplished as per Field Report. After finalization of the actual quantity, the weightage for CC Block will be finalized, which is likely to result in an increase in the overall progress of the Works when compared with the afore mentioned progress.
- All the remaining works of Polders 33 could not be completed within 30th June 2022 due to amongst others obstacle problems in construction works and delays for providing instructions and drawings for construction of embankment slope development works in paved road areas. Delays are also due to incompetence of the Contractor. Hence Contractor applied for an extension of time on 25th September 2022 which was evaluated by the Engineer and submitted to the Employer on 18th October 2022 with the recommendation for extension of time up to 31st December 2022. Accordingly, extension of time was approved by the Competent Authority. Meanwhile, the Defect Liability Period has been started.
- The completion date of the Contract was on 31st December 2022.
- The Contractor completed 38 nos. Drainage Sluices and 29 nos. Flushing Sluices as per target of the Results Framework and those are handed over to the Employer for using by the beneficiaries. As per assessment of the Engineer, the Works of Polder 33 and 35/3 had been substantially completed and accordingly Taking-Over Certificates for Polders 33 and 35/3 were issued as per GCC Sub-Clause 10.1 (a) and 11.1 on 28th March 2021 with the Sectional Taking-Over Date 28th February 2021 with terms and conditions of issuing. It is noted that Taking-Over Certificates for Polders 32 and 35/1 were issued on 25th September 2022 with the Sectional Taking-Over Date 30th June 2022.
- It had been decided to develop the slopes of the Embankment in the paved road areas of both Packages in September 2021 and accordingly, the design drawings of Package-1 were prepared and provided to the Contractor at the last part of December 2021. Later, Contractor started to develop the slope of embankment of Polder-33, 35/1 and 35/3. As it was delayed

providing the design drawings for the development of the Slope of Embankment and due obstacles in the working areas, the said works of Polder 33 could not be completed within the extended time.

- The Defect Liability Period of Polders 33 had been expired on 27th February 2022, but the Contractor has failed to rectify all the identified defects and works of Polder 33 within the defect liability period. Hence, Contractor applied for extension of Defect Liability Period for Polder 33 on 25th September 2022 and based on the recommendation of the Engineer, Employer approved the extension of defect liability period vide memo. no. CEIP-1/W-01/1298 dated: 19th October 2022 with the conditions to get the outstanding works completed within the extended defect liability period. Engineer communicated the approval of extension of defect liability period to the Contractor vide ref. no. RDCOR_BC5883-100_L004023_JHL_AAM dated: 31st October 2022.
- Contractor claimed several times to issue Taking-Over Certificate for Polder 32 and 35/1 and in this respect, Engineer assessed the status of works of the Polders. As per assessment of the Engineer, the Contractor completed the works of Polder 32 within the completion date 30th June 2022 and the works of Polder 35/1 was substantially completed. Several meetings were held between the Employer, Contractor, and Engineer on the issue of Taking-Over Certificates and on 18th September 2022 it was decided to issue Taking-Over Certificates for the said Polders and accordingly, Taking-Over Certificates for Polders 32 and 35/1 had been issued on 25th September 2022 by the Engineer as per GCC Sub-Clause 10.1 (a) and 11.1 and it had been informed to the Employer vide ref. no. RDCOR_BC5883-100_L004003_JHL_AAM dated: 17th October 2022 and RDCOR_BC5883-100_L004004_JHL_AAM dated: 17th October 2022 respectively for Polders 32 and 35/1.

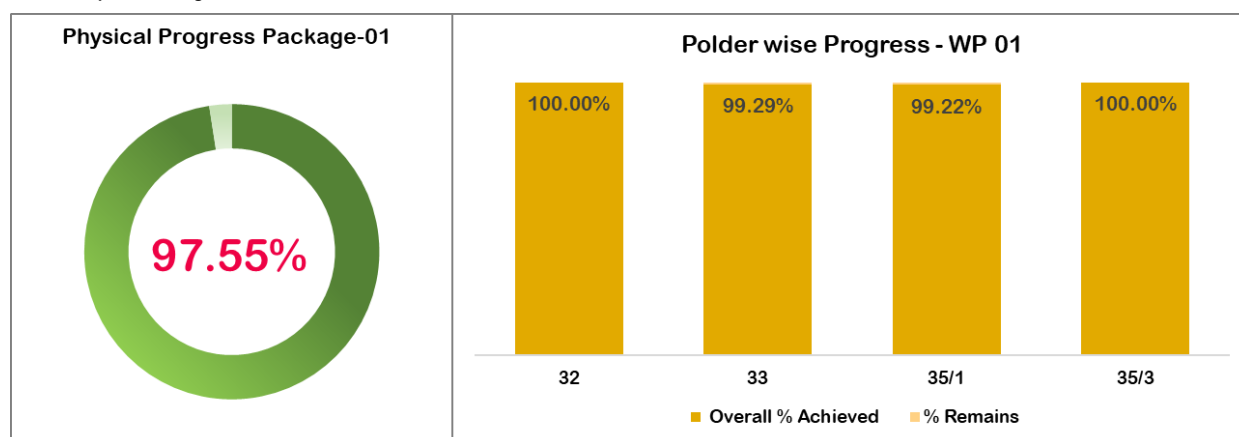


Figure 1-1: Polder wise Progress of Package-1

- The Engineer requested the Contractor to implement Additional Bank Protection Works which are urgently needed to safeguard the Embankments of Polder-32 against River Bank erosion. The Engineer provided the terms and conditions as per Works Contract and accordingly, the Contractor has submitted a first draft Variation Proposal including Bill of Quantities. Contractor and Engineer had various meetings and negotiated a cost estimate and submitted to PMU vide letter no. RDCOR_BC5883-100_L02825_JHL_AAM dated 15th December 2020 soliciting the permission to finalise a draft Variation Order based on the negotiated cost for the interest of the Project. Employer reviewed the cost estimate and provided some observations and requested for further negotiation based on the observations. As per advice of the Employer the Engineer further negotiated with the Contractor as per observations of the Employer and negotiated a cost estimate and submitted to the PMU vide letter no. RDCOR_BC5883-100_L02901_JHL_MAR dated 20th January 2021 soliciting the permission to prepare a draft Variation Order based on the negotiated cost for the commencement of the project within the prevailing dry season for the interest of the Project.

- A Technical Committee was constituted with specific terms of reference by the Competent Authority of Bangladesh Water Development Board (BWDB) vide memo no. 42.01.0000.032:06.008.21-176 dated 6th December 2021 to prepare a Technical Report with recommendations for Additional Bank Protection Works for Polder-32 based on the updated data of field level inspection and feasibility study in order to protect Polder No. 32 by constructing sustainable embankment and implementing River Bank and Slope Protection Works. The Committee visited the said Polder from 24th December to 25th December 2021.
- The Technical Report of the Technical Committee found out 7.100 km vulnerable locations which were categorized in three groups with stretch such as most vulnerable (900 m), moderate vulnerable (4.800 km) and vulnerable (1.400 km). Later, the Project Director instructed the Engineer to take necessary steps to prepare the design drawings as per above mentioned three groups and to prepare the estimates. Accordingly, Engineer has completed the draft design drawings and estimates and submitted to PMU vide Engineer's ref. no. RDCOR_BG5883-100_L003545_JHL_MMR dated 30th January 2022 to take necessary steps to get the approval from the Design Circle. Design Circle-8 provided some observations on the design drawings and accordingly, the design drawings were revised and submitted to Design Circle-8 on 22nd February 2022 for approval and these design drawings were approved by Design Circle-8 on 6th March 2022. Based on the approved design drawings the estimate was prepared and sent to the Contractor vide Engineer's ref.no. RDCOR_BC5883-100_L003636_JHL_AAM dated: 23rd March 2022 to review and comments. In response to the letter of the Engineer, the Contractor submitted the quotation vide ref. no. CHWE/CEIP-1/EN/0536 dated: 26th March 2022. Meanwhile, Project Director has instructed to submit the rate of Contractor's claim and recommendation of the Engineer for 7.100 km Additional River bank Protection Works in Polder-32 of Package-1. As per instruction of the Project Director, the rate of Contractor's claim and recommended rate and cost estimate of the Engineer for 7.100 km of the said were sent to PMU. After reviewing the recommended rate and cost estimate of the Engineer, Employer approved the same and requested to negotiate with the Contractor accordingly. Engineer held several meetings with the Contractor to negotiate as per approved rate and cost estimate but lastly the Contractor did agree to accept the approved amount, hence the negotiation was failed which was informed to the Employer vide Engineer's ref.no. RDCOR_BC5883-100_L003895_JHL_AAM dated: 7th August 2022.
- Meanwhile, in three locations of Polder 32 became very much threatened with the warning to breach the embankment. So, the locations were visited by the Employer accompanying Consultants and Contractor and instructed to take necessary action to combat the breaching of embankment. Accordingly, Consultants prepared the design and cost estimate for construction of temporary Emergency Riverbank Protection Works for the said locations of Polder-32. The cost was negotiated with the Contractor and Work Order had been issued vide DRE's ref.no. RDCOR_BC5883-100_L2542_SI_HAK dated: 24th April 2022 and the works are completed.
- Engineer has prepared the design drawings and cost estimate for taking up the emergency works in some vulnerable locations, but Work Order could not be issued due to shortage of fund under the head of Physical and Price Contingency (Emergency Work).
- Multi beam surveys of the bank protection works has been conducted by IWM on behalf of the Contractor and the detailed report has been submitted to the Employer for review and comments. Consultants will conduct some further cross checking based on shop drawings and the latter will be submitted in February 2023.
- Negotiations, and then specifically concerning unit rates and costing for e.g. emergency works and slope development works, in general with Contractor take a lot of time although Engineer tries to focus on the main points and to conclude on issues at stake. In general, it is noted that Contractor is not willing to do Works.

- IPC-26 has been partly paid and IPC-27 was submitted to PMU but that was returned by the Employer with some observations. Response of the observations are prepared and submitted to PMU with IPC-27 vide Engineer's ref. no. RDCOR_BC5883-100_L003965_JHL_AAM dated: 19th September 2022 which has already been paid by the Employer. IPC-28 has been submitted to the Office of the Engineer by the Contractor but the same has not been submitted to the PMU as per instruction of the Employer due to non-submission of CAR Insurance Policy which is a contractual obligation of the Contractor. IPC-29 has also been submitted by the Contractor to the Engineer's Office but the same has not been submitted to the PMU due to non-submission of CAR Insurance Policy yet.
- After failure of negotiation with the Contractor of Package-1 in respect to Additional River Bank Protection Works in Polder-32, Employer submitted a proposal to the World Bank with request to provide the concurrence to execute the said work through National Competitive Bidding (NCB). As per e-mail dated 29th August 2022 of the Employer, conducting of Market Survey for potential Tenderers/Bidders for Additional Riverbank Protection Works in Polder-32 was done and submitted to PMU vide Engineer's ref. no. RDCOR_BC5883-100_L003949_JHL_AAM dated: 11th September 2022. Later, Employer instructed the Engineer to negotiate with the Contractor of Package-2 for executing the said works. Accordingly, after several meetings the Contractor and Engineer reached to a negotiated cost for the said works and the negotiated cost has been submitted to the Employer vide ref. no. RDCOR_BC5883-100_L004118_JHL_AAM dated: 7th December 2022. It is noted that time is running, and construction of these Works may take some time.
- As said, Contractor Package-1 is very reluctant speeding up the Works and has no interest in (small) additional works. The reluctance is also illustrated by the fact that the Project Manager left Bangladesh for an undefined period.

1.2.2 Package W/02 Implementation

The key issues for the month of January 2023 regarding Package-2 are summarised below as follows:

- The physical progress in January 2023 is 1.01% and cumulative physical progress up to January 2023 is 86.60%. As per revised Work Program it should be 94.23%. So, there is 7.63% lagging in progress. The progress of work in this month is very much unsatisfactory especially since we are in the dry season now with favourable working conditions. The completion date of this Contract had been extended by the Competent Authority up to 30th June 2023 based on the claim of the Contractor and recommendation of the Engineer and which was communicated to the Engineer by the Employer vide memo. no. CEIP-1/W-02/1224 dated: 20th September 2022 and subsequently, Contractor was informed by the Engineer.
- The Contractor of Package-2 is continuing to execute the Embankment Works in paved area of Polder-39/2C, 40/2, 41/1 and 48. The Embankment Works are executing by developing the slope and re-sectioning based on the present status of the sections of Polders.
- Project Director has issued an Office Memorandum vide memo no. CEIP-1/W-02/23 dated 4th January 2022 following the BWDB's Office Order No. স্মারক নং- পাউবো(সটি)/প্রশাসন-১/০৫ তারিখ: ০৪ জানুয়ারী, ২০২২ in respect to involving Executive Engineer of Field Divisions (O & M and WD Divisions) in the supervision of Civil Works for Rehabilitation/Re-construction and Upgrading of Polder-39/2C, 40/2, 41/1, 43/2C, 47 and 48 within the purview of Contract Conditions of Contract No. CEIP-1/W-02. As per direction of the Project Director, the Engineer has provided the copy of Contract Document of Contract No. CEIP-1/W-02 to the Executive Engineers to carry out their responsibilities as assigned in the BWDB's above order and as per approved Terms of Reference (ToR). Engineer has issued an Office Memorandum vide Engineer's ref.no. RDCOR_5883-100_L003602_JHL_AAM dated 3rd March 2022 about the protocol for processing the IPS & IPC of Package-2 following the above-mentioned Office Memorandum of the Project Director.

- IPS & IPC of Package-2 are being processed following the protocol as mentioned in Office Memorandum of the Project Director.
- On 31st January 2023, Team Leader and Deputy Team Leader chaired a Package-2 progress meeting in Patuakhali CEIP-1 Offices with all Contractor’s managers and Engineer’s DRE-2, CSE’s and Field Staff.

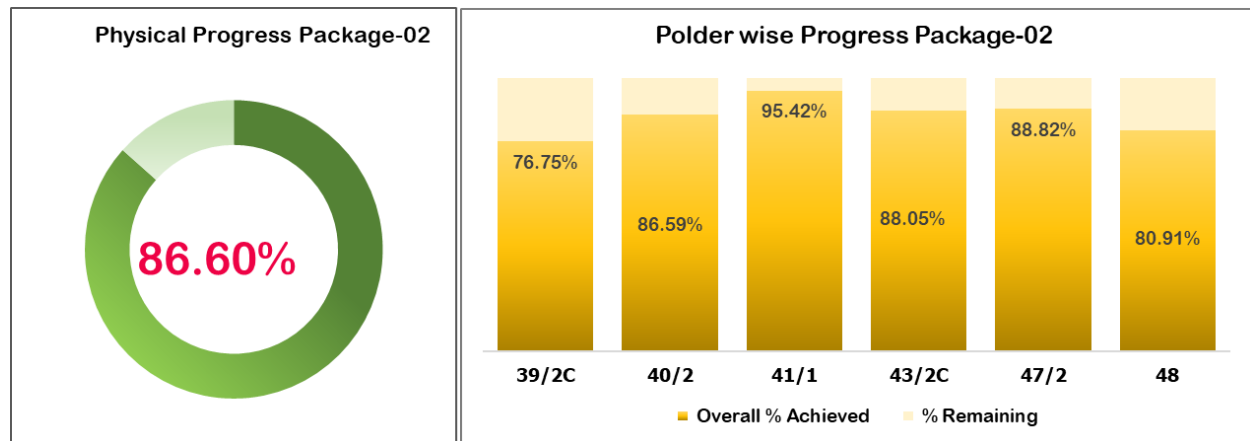


Figure 1-2: Polder wise Progress of Package-2

1.3 Other tasks of Consultants'

The key issues for the month of January 2023 regarding the other tasks of Consultants are summarised below:

1. In the latest development the World Bank has approved all the EIA reports of 6 (six) Polders under Package-3.
2. Activities also involved the development of a Web based system for tracking of land acquisition, GRM and various video call meetings were conducted to this end with World Bank and the Project Director; this task is nearly completed. And waiting for the finalisation of the user acceptance test (UAT). The latter can only be conducted on BWDB servers and Consultant is awaiting to go ahead to conclude the final UAT. No final UAT could be conducted awaiting this go ahead.
3. The development and implementation a pilot for an ICT (Information and Communications Technology) remote monitoring system as included in the Amended Contract commenced and the Inception Report and Functional Requirements Report was submitted and thereafter discussed with concerned Stakeholders. Training of Field Staff in Polder-39/2C has been provided and the system is now operational. Final User Acceptance Test has been done on 16th January 2023 at PMU Offices under the Chairmanship of the Projector Director and accepted by the Employer. The equipment related to ICT remote monitoring system has been handed over to the authorised representative of the Project Director on 18th January 2023. A formal written and signed handing over is yet to be done.
4. Various Technical Committees were Constituted by the Project Director regarding land acquisition, design approaches, embankments in Polder-48, erosion control of Polder-32 and waterlogging issues in Polder-35/1. Consultants prepared various reports and participated in a number of these Technical Committees.
5. The Consultants supported the PMU with various reports and recommendations and attended various meetings with other stakeholders as and whenever required.

6. Meetings were held with the Project Director regarding extension of Consultancy Services of DDCS & PMS for the period from 1st July 2022 up to and including 31st December 2023. Accordingly, Amendment No.04 was prepared and submitted on to Employer vide Engineer's ref.no. RDCOR_5883-100_L003779_JHL_AAM dated: 6th June 2022. Consultancy Services of DDCS & PMS Consultants had been extended up to December 2023 through Amendment No.04 by the Competent Authority which was communicated by the Employer vide their memo. PMU/CEIP-1/917 dated: 30th June 2022. Draft Contract Amendment No.05 had been prepared as per advice of the Employer and submitted to the Employer vide Engineer's ref. no. RDCOR_BC5883-100_L003947_JHL_AAM dated: 10th September 2022. Later, Employer advised to revise the draft Contract Amendment No.05 vide Memo No. CEIP-1/S231/421 dated: 21st November 2022 and accordingly, Consultants prepared the revised the draft Contract Amendment No.05 and submitted to the Employer vide ref. no. RDCOR_5883-100_L004086_JHL_AAM dated: 23rd November 2022. The World Bank provided interim comments on Proposal for Contract Variation No.02 for the Consultancy Services for "Detailed Design, Construction Supervision and Project Management Support": Contract No. CEIP-1/B2, B3 & C1/S-2 which was communicated to the Engineer by the Employer vide e-mail dated: 5th January 2023. Engineer has prepared the replies on the interim comments of the World Bank and submitted to the Employer vide e-mail dated: 12th January 2023.

1.4 Key challenges and risks and recommendations

1.4.1 Key Challenges and Risks

The key challenges and risks are listed below:

1. It should be noted that both the Packages are nearing completion and all outstanding issues which are not resolved should be addressed soon in order not to "pile" up many outstanding and unresolved issues when Contracts will be completed.
2. Risks related to the site situations with respect to availability of lands joint efforts with all stakeholders, including the Client's Local Offices, DC's, Contractor, and Consultants, are applying their utmost efforts to organise this in a practical and pragmatic manner. It is Consultant's view that the progress is possible to be made only by the joint efforts of BWDB and Consultants in the interest of the CEIP-1 Project. This is an area which requires continued highest attention of all concerned.
3. Main challenge remains pushing the Contractor of Package-1 to complete the remaining Works within the Defect Liability Period and the Contractor of Package-2 to complete the remaining Works within the completion date of the Contract; the most challenging is to finalise the Contract of Package-1 in a timely and satisfactorily manner.
4. All the works of Package-1 could not be completed within the Specified completion date, the reason of incompleteness is stated above. The completion date of Package-1 has been expired on 31st December 2022 and the Defect Liability Period has been started and as per conditions provided in the Taking-Over Certificate, the Contractor shall have to complete all the remaining works and remedy all the identified defects within the Defect Liability Period.
5. The way forward on the Additional Bank Protection Works should be clear soon to enable implementation of these Works within the duration of the CEIP-1 Project ending 30th June 2022. It is questionable if the latter target can be achieved.
6. Erosion vulnerable locations in Polders 32 and 33 remain risk and all measures, including Emergency works, are taken to safeguard lives and assets in the Polders. Once all outstanding defects have been resolved, the polders should be formally handed over to the Employer so appropriate actions can be taken and ownership of the polders is clear including responsibility for operations and maintenance.

1.4.2 Recommendations

The following recommendations are being furnished:

- When there would be a land availability issue, joint efforts of Contractors, Engineer and Employer should be enhanced to solve the issues at stake. It is highly appreciated that the Employer plays a vital role here and increased efforts should continue; rooms for improvement are less, reporting and more resolving on the spot.
- In view of the delays, Engineer will continue pushing the Contractors and making them aware of their Contractual obligations.
- Consultant will optimise their resource planning to comply with the needs of the Project which are, as said, sometimes difficult to predict. In connecting to this, Consultants will also put more effort in being present on site more frequently.
- Consultants understand that payments cannot be made for DDCCS & PMS Consultancy Services due to approval process of the Second RDPP and trust that once the latter is approved admin and payment regarding Consultancy Agreements can be settled.

1.5 Contractual Tasks of DDCCS & PMS Consultants

The specific objectives of the CEIP-1 Consultancy Services are described by the following tasks:

- Task A : Review and update the designs bidding documents and related environmental and social plans (EIAs, EMPs, and RAPs) already prepared;
- Task B : Prepare detailed designs for all remaining polders and works that would be included in the project, including the Engineering and Environment and Social studies (i.e., preparation of EIA, EMP and RAP for each remaining polders);
- Task C : Supervise construction of all works under the Project, and do the contract management as "The Engineer", according to FIDIC rules and regulations and the World Bank Guidelines and its standard bidding documents;
- Task D : Provide overall project management support to the BWDB and Project Management Unit (PMU).

The Construction Works will be executed by BWDB as Employer and the Consultant will function as the Engineer of the Civil Works contracts as per FIDIC. The Consultant will administer the Civil Works contracts and ensure that the project works are implemented in accordance with the provision of the Contracts. The Consultant nominated Engineer's representative for 4 and 6 Polders in Packages 1 and 2 respectively under each respective Works Contract.

2. Summary of Key Achievements during the reporting month

2.1 Package-1

No.	Item	Key Achievements during this month – Package-1
1	Works	<ul style="list-style-type: none"> ➤ Construction / Re-Sectioning of Embankment: 0.00 Km (Full) & 0.00 Km (Part); ➤ Excavation / Re-Excavation of Drainage Channel: 150.299 km completed; ➤ Construction of Drainage Sluice: 38 nos. already completed; ➤ Repair of Drainage Sluice: 2 nos. already completed. ➤ Construction of Flushing Inlet: 29 nos. already completed; ➤ Repair of Flushing Inlet: 14 nos. already completed; ➤ Embankment Slope Protection Works: 0.00 Km; ➤ River Bank Protection Works: 4.25 Km already completed; ➤ Nalian Closure Dam: 100% already completed.
2	Contractor Resources	Updated by the Contractor of Package-1 in terms of labour and equipment.
3	RAP and status of resettlement Payment	<ul style="list-style-type: none"> • A total of 5,373 entities were identified during updating of Inventory of Losses (IoL) in August to October 2015 out of whom there were 4,645 non-titled (Squatters), 448 tenants and 280 Wage Labour. But some of the pave road (Pacca road) area are omitted from physical works. As per updating in January 2023, the number of Squatters Stand 4465 (Squatter-4142, Tenant-179 & Wage Labour-144). • BDT 6,178.20 lac has been paid to the 4,465 non-titled EPs (squatters) including 179 numbers tenant and 144 numbers of wage labors as compensation/resettlement benefit against their affected residential, fish gher, commercial, tress. Moreover, the compensation has been paid for Social Forestry (27 nos. for CPR) is BDT 16.12 lac and for removing 76 nos. electric poles from the embankment an amount of BDT 25.48 lac. Total 6,219.80 lac has been compensated as resettlement benefit in Package-1 up to January 2023.
4	Status of Land Acquisition	<ul style="list-style-type: none"> • 131.60ha of land is programmed for acquisition (Polder-32=50.60ha, Polder-33=14.28ha, Polder-35/1=41.71 ha. & Polder-35/3 =25.01ha). New proposal submitted for 0.24 ha of land. • A total 131.36 ha of land finally approved by MoL and DC for acquisition. • BWDB has placed fund for 131.36 ha of land to DCs. • Possession received a total 131.36 ha of land (Polder-32 = 50.60 ha, Polder-33 =14.28 ha, Polder-35/1 = 41.47 ha& Polder-35/3=25.01 ha.) out of 131.60 ha. • DC office Khulna & Bagerhat has paid a total BDT 9,414.70lac against 5,335 nos. of awardees among Titled EPs (1,988 nos. of Polder-32, 1,259 nos. of Polder-33, 1,584 nos. of Polder-35/1, 504 nos. of Polder-35/3). Only 14 nos. of EPs have been paid in January 2023.
5	Relocation	99.96% of paid EPs have already been relocated. 50.12% EPs have relocated on their own land; 10.44% on newly purchased land; 16.22% EP has replaced to their relatives or other's land; 12.99% have relocated temporarily at nearby area; 0.99% and 1.97% have relocated respectively in Market & Group Relocation In addition wage labour 3.22%

No.	Item	Key Achievements during this month – Package-1
		and tenant 4.01% are relocated. 0.04% of the paid EPs are yet to be relocated from the ROW.
6	Grievances	187 complaints/grievances have received up to January 2023 by GRC. 51 complaints/grievances have been resolved at the entry level; while 135 cases have been resolved through investigations and formal hearing by GRC, total 186 cases have been resolved and 1 (one) no. is under more investigation. All records of GRC preserved according to the guidelines of RAP policy.
7	Environment	The Contractor, Package-1, CEIP-1 has almost completed their works and a few works to be completed that includes proper decommissioning of work sites, specially the CC block manufacturing plants, which they are carrying out slowly. Moreover, they have been asked to submit 2 reports based on World Bank requirements according to latest aid memoire on September, 2022.
8	Value of Physical Work done	The total value of physical work done up to January 2023 is BDT 6,995.12 million and during January 2023 is BDT 2.17 million .
9	Finance	Total expenditure incurred up to IPC-27 is BDT 6,430.60 million including Adjustment for Changes in Legislation (VAT & IT) & Adjustment for Changes in Cost. An amount of BDT 660.89 million has been recovered from the advance payment of BDT 660.89 million .

2.2 Package-2

No.	Item	Key Achievements during this month – Package-2
1	Surveys and Design	The pre-sections surveys for the remaining sections of the Polders are conducting during FY 2022-2023 subsequently shop drawings are being issued before execution of Physical works.
2	Physical Works	<ul style="list-style-type: none"> ➤ Construction/Re-sectioning of Embankments: 9.683 Km (F) & 17.982 Km (Partial); ➤ Drainage Channel Excavation/Re-excavation: 0.416 km; ➤ Construction of Drainage Sluices: 2 nos. completed & 9 nos. (Partial); ➤ Repair of Drainage Sluices: 0 no. completed & 3 nos. (Partial); ➤ Construction of Flushing Sluices: 3 nos. completed & 14 nos. (Partial); ➤ Repair of Flushing Sluices: 0 no. completed & 29 nos. (Partial); ➤ Embankment Slope Protection Work: 0.020 km. ➤ River Bank Protections Work: 0.00 Km; ➤ Construction of Closure Dam: 0 no. Completed and 1 no. (Partial);
3	RAP and status of resettlement Payment	<ul style="list-style-type: none"> • As per updated in September 2022, a total of 4,819 entities have been identified, out of which 4,066 are non-titled(squatters), 495 tenants and 258 wage labours which may fluctuate. • BDT 4,149.70 lac has been paid to 3,664 non-titled (squatter)as compensation/resettlement benefits against affected residential and commercial structures. An amount of BDT 258.84 lac has been paid for shifting of electric poles from Polder no- 39/2C, 40/2, 41/1, 43/2C & 48. The total 4,408.54 lac has been compensated as resettlement assistance up to January 2023 of CEIP-1/W02.
4	Progress of land acquisition	<ul style="list-style-type: none"> • The program of land acquisition in Package-2 is 175.77ha. • The lands Acquisition Proposal (LAP) for six Polders under Package -2 were submitted to concern DC (Pirojpur, Jalakhati, Barguna and Patuakhali) for acquisition. New proposal has been submitted of 0.13 ha of land for polder-41/1.

No.	Item	Key Achievements during this month – Package-2
		<ul style="list-style-type: none"> • 172.34 ha. land has been finally approved by MoL for Polder 39/2C, 40/2, 41/1, 43/2C, 47/2 & 48 out of 175.77 ha. BWDB has placed fund against final estimate of CUL for 172.34 ha. of land to DC, Barguna for Polder-40/2 and Polder-41/1, DC, Pirojpur & Jalakhati for 39/2C, & DC Patuakhali for Polder-43/2C), 47/2 & 48. • Possession received a total of 135.03 ha land (Polder 39/2C- 111.25 ha. in Polder 40/2- 11.68 ha. for Polder 41/1- 8.41 ha. Polder-43/2C- 0.06 ha. Polder 47/2-2.57 ha. & Polder 48-1.07ha). • A total 40.73 ha of land is pending with DCs (Pirojpur-12.97 ha, Jhalakati-0.70 ha, Barguna-0.74 ha. and Patuakhali-26.44 ha). • Payment of CUL is going on in Polder-39/2C, 40/2, 41/1, 47/2 & 48. As of January 2023, DC Office Pirojpur, Jalakhati, Barguna and Patuakhali have paid a total BDT 7736.71 (62.58%) Lac to 86.1019 nos. of APs. Only 16 nos. of APs have been paid in January 2023.
5	Relocation	92.76% of paid EPs have already been relocated. 44.05% EPs have relocated on their own land. 7.83% on newly purchased land; 12.66% EPs have relocated to relative's or others' land; 27.21% have relocated temporarily at nearby area. 1.01% made group relocation 7.24% of the paid EPs are yet to be relocated from the ROW.
6	Grievance Redress Management (GRM)	A total number of 63 complaints/grievances have been received up to January 2023 by GRC, out of which 58 complaints/grievances have been resolved in the entry level by field investigation and 5 complaints/grievances are lodged newly which are under investigation.
7	Environment	<p>The Contractor is carrying out the EHS compliances, which is improving with time through monitoring and learning. They are improving the EHS compliance in the light of the latest field visit of the World Bank Senior Environmental Specialist along with various related instructions of the project Environmental Specialists and Monthly EHS Committee meetings. They have also translated and approved EHS risk assessment and C-ESMP into Bangla and Chinese languages for easy understanding for implementation. Both the Contractors also prepared Guidelines Tool to avoid/check infection from COVID-19 and other infectious diseases with reference to "COVID-19 OHS Protocols" provided by the World Bank. The Contractors are following the guidelines to check infection of COVID-19 among their workforce by adoption of instructions included. These guidelines have also been translated in Bangla and Chinese for easy understanding by all concerned. The Contractor, Package-2 has made contract with Teachers of Patuakhali Science and Technical University (PSTU) to provide technical assistance for carrying out Fishery related, and Farm survey related activities, as required by the Contract agreement. They have carried out various activities related to fishery development of the area including release of fish fingerlings, establishing of fish sanctuaries and fishery awareness training of WMG members and other fishery dependent community as per requirement of the BoQ of the Contract Document. They have also produced various reports on below:</p> <ul style="list-style-type: none"> • Construction of fish sanctuary; • Training to the farmers on IPM & ICM with field demonstrations; • Construction of fish sanctuary in khal; • Awareness builds up to local community for conservation of threatened fish species; • Release of fish fry in khals.
8	Value of Physical Work Done	The total value of physical work done up to January 2023 is BDT 9,054.45 million and during January 2023 is BDT 118.33 million .

No.	Item	Key Achievements during this month – Package-2
9	Finance	Total expenditure incurred up to IPC-24 is BDT 8,305.78 million including Adjustment for Changes in Legislation (VAT & IT) & Adjustment for Changes in Cost. An amount of BDT 763.14 million has been adjusted against the advance payment of BDT 1,028.40 million .
10	Contract Administration	<p>The Variation Order No. 2 for construction of Rest House cum Office Building at Bhandaria was submitted to the PMU after recasting the same as per observations of the PMU vide Engineer's letter RDCOR_BC5883-100_L002586_JHL_MAR dated 28th May 2020 in the name of Variation Order No.02 as per instruction of the Project Director. A meeting was arranged by the PMU under the Chairmanship of the Project Director on 27th September 2021 to discuss on the Variation Order No.02. After detailed discussion, the decision was given by the Project Director to use the items rate of related works from the Rate Schedule of Patuakhali WD Circle 2019-20 and resubmit the re-casted Variation Order No.02. Accordingly, Variation Order No.02 for construction of Rest House cum Office Building at Bhandaria was re-casted by the Engineer and sent to the Contractor for their consent. The Contractor refused to do the said work with the rates used in preparation of the estimate. Later, the rates were analysed taking the element rates of MS Rod and Stone from MSBB, published in the month of October 2021, and considering the increment % of labour index from June 2019 to October 2021 as per MSBB published in the month of October 2021. The estimate of Rest House cum Office Building at Bhandaria has been re-casted based on the analysed rates and sent to the Contractor for their consent vide Engineer's ref.no. RDCOR_BC5883-100_L003595_JHL_MAR dated 24th February 2022. The Contractor has given the consent on the estimate and that has been sent to PMU to vide Engineer's ref. no. RDCOR_BC5883-100_L003635_JHL_MAR dated 21st March 2022 to give the approval. Employer instructed to prepare the cost estimate within the budget provision allocated in 1st RDPP vide e-mail dated: 11th April 2022. Accordingly, the cost estimate of Office cum Rest House at Bhandaria was re-casted and submitted to PMU vide Engineer's ref. no. RDCOR_BC5883-100_L003690_JHL_MAR dated 23rd April 2022. Employer has accepted the cost estimate and requested vide e-mail dated: 28th April 2022 to incorporate in Variation Order No.02 of Package-02. Accordingly, it has been incorporated in Variation Order No.02 of Package-02 and submitted to PMU vide Engineer's ref. no. RDCOR_BC5883-100_L003747_JHL_MAR dated 17th May 2022. Interim Comments were made by the World Bank on the Variation Order No.02 which was sent to the Engineer by the Project Director vide e-mail dated: 22nd June 2022. Engineer made the responses on the interim comments of the World Bank and submitted to PMU vide Engineer's ref. no. RDCOR_BC5883-100_L003812_JHL_AAM dated: 23rd June 2022. World Bank (WB) made some more interim comments which was sent to the Engineer by the Employer vide e-mail dated: 26th June 2022. Engineer submitted the responses on the interim comments of WB to the Employer vide ref. no. RDCOR_BC5883-100_L004022_JHL_AAM dated: 30th October 2022. World Bank has provided NoL on Zero Cost Variation Order No.02 vide e-mail dated: 3rd November 2022. Subsequently the Zero Cost Variation Order No.02 has been approved by the Competent Authority which is communicated to the Engineer by the Employer vide memo. no. CEIP-1/W-02/28 dated: 9th January 2023 and Engineer has communicated the same to the Contractor vide ref. no. RDCOR_BC5883-100_L004174_JHL_AAM dated: 9th January 2023.</p>

2.3 Package-3

No.	Item	Key Achievements during the Month – Package-3
1	Surveys and Design	The detailed design of all the infrastructures like Embankment, Drainage Channels, Drainage Regulators, Flushing Regulators, Slope Protection works, Bank Protections works etc. were submitted to the concerned design office of BWDB within June 2019. The design of 209.98 km of Embankment, Design of 167.37 km of Excavation/ Re-excavation of Drainage Channels, design of 53 nos. Drainage Regulators, 19 nos. Flushing Regulators, Slope Protection Works 4.78 Km & Riverbank Protection Works 0.800 km have been approved by the BWDB Design Circle-5. The typical Mechanical Design for Flap Gates & Vertical lift gates for all the D/S & F/S of Package-3 have already been approved by the Mechanical design Circle of BWDB. Detailed design for additional 7 nos. Outlets cum Flushing sluices for Polder 35/1 were prepared and submitted to the concerned design office of BWDB and these have been approved by the BWDB Design Circle-8.
2	Bid Documents	The Draft Bidding Documents was prepared based on preliminary design and submitted to PMU vide Consultant's reference: RDCOR-BE5883-100-L002255_MHR_MAR dated 17 th October 2019. As per Aide-Memoire of the WB Implementation Support Review Mission, the submitted Bid Documents are being updated based on the approved design of BWDB. Updated schedule of rate of BWDB is received and the preparation of Bidding Documents is in process.
3	RAP	The original RAP was prepared based on original LAP. Meanwhile, the crest width of the embankment has been increased by BWDB from 4.50 to 6.00 m based on which the LAP is being updated. Hence, the original RAP has also to be updated based on updated LAP. Following the updated LAP, the LAP/RAP team has to revise the Households (HHs) numbering and Inventory of Losses (IoL) survey in 07 Polders under Package-3 of CEIP-1. As per decision of the PMU, Preparation of updated RAP with 7 Polders has been prepared which have already been submitted to the World Bank. The World Bank has suggested that this RAP may be preserved for any future reference and use.
4	LAP	The draft LAP was prepared for all Polders, but as per latest decision, the LAP has to be revised based on revised crest width of embankment 6.00 m instead of 4.50m. The draft updated LAP has been prepared for 07 Polders, which will be finalized after proper verification in the field.
5	Environment	The World Bank has approved the EIA reports of all the 7 (seven) Polders of Package-3, which contain the responses of the World Bank comments, which have to be cleared by the DOE after holding of National level Workshop to be held soon.

2.4 DDCS & PMS Consultancy Services

No.	Item	Key Achievements up to this Month – Consultant
1	Construction Supervision Systems/Tools	Package-1 physical progress is 97.55% (4 Polders); Package-2 physical progress is 86.60% (6 Polders); Package-3 no works contract, hence no physical progress (7 Polders).

3. Project Progress

3.1 Task A: Review and updated the designs bidding documents and related environmental and social plans (EIAs, EMPs and RAPs) already prepared,

3.1.1 Review and update of Design of Package-1

The approved designs were reviewed and updated at the time of commencement of Implementation of the Civil Works. At present, most of the works have been completed and the remaining works are being going on accordingly.

3.1.2 RAP Implementation Package-1

3.1.2.1 Implementation Activities

RAP Implementation for Polders-32, 33, 35/1 and 35/3 under Package-1 is going on. Individual entitlement has been calculated based on Inventory of Losses (IoL) survey and as per PAVC recommended rate of the structures and other assets. A total of 5,373 entities (residential HHs, commercial premises and common property structures) were identified during updating of Inventory of Losses (IoL) in August-October 2015. As per latest survey, omitting the market area adjustment to the paved road the numbers of non-titled Eps stand 4,465 residing on government land non-titled EPs (Squatters). 179 tenants and 144 wage labourers were identified. Total BDT 6,219.80 lac has been compensated to 4,465 non titled Eps including Social Forestry 16.12 lac & Shifting of Electric Poles from the Embankment 25.48 lac.

The Polder-wise non-titled EPs and payment of compensation as resettlement benefit is reflected in Table 3-1 below.

Table 3-1: Payment of Resettlement Benefit to squatter in Package-1

Polder	Revised no of Non-titled EP's (Squatters)			Paid Non-titled EP's (Squatters)			Total Tenants	Paid Tenant	Total Wage Labourer's	Paid wage labor	Total Entities	Total Paid Entities	Amount paid in BDT (Lac)
	Residence (Squatters)	Commercial (Squatters)	Total (Squatters)	Residence (Squatters)	Commercial (Squatters)	Total Paid (Squatters)							
1	2	3	4= (2+3)	5	6	7= (5+6)	8	9	10	11	12= (4+8+10)	13= (7+9+11)	14
32	877	392	1,269	877	392	1,269	83	83	23	23	1,375	1,375	1,632.28
33	872	397	1,269	872	397	1,269	49	49	21	21	1,339	1,339	1,808.97
35/1	907	427	1,334	907	427	1,334	38	38	88	88	1,460	1,460	2,319.53
35/3	154	116	270	154	116	270	09	09	12	12	291	291	417.42
Total=	2810	1,332	4,142	2,810	1,332	4,142	179	179	144	144	4,465	4,465	6,178.20
Paid for Social Forestry for 27 unit in 33 & 35/3												27	16.12
Paid for Electric Pole for 76 Unit in 33, 35/1 & 35/3												76	25.48
Grand Total=												4,568	6,219.80

3.1.2.2 Payment of Compensation under Law (CUL)

The progress of payment of compensation under law (CUL) is shown in Table 3-2.

Table 3-2: Polder- wise payment of CUL made by DCs Khulna & Bagerhat till January 2023

Polder No.	Total Awardees	No of awardees applied to DC	Total estimated amount of CUL (BDT) Lac	No. of Paid awardees	Nos. of payment cheque distributed by DC	Total paid Amount in BDT Lac	Progress (%)	Remarks
32	3,022	2,870	1,644.35	1988	596	1,249.68	76.00	
33	2,208	2,062	1,673.70	1259	319	1,145.80	68.46	
35/1	1,622	1,622	6,821.98	1584	1460	5764.22	84.49	
35/3	575	568	1,582.73	504	392	1,255.00	79.33	
Total	7,427	7,122	11,722.76	5,335	2,767	9,414.70	80.31%	

3.1.2.3 Relocation Status and Assessment of Relocation in Package-1

The relocation status and assessment of relocation are reflected in Table 3-3:

Table 3-3: Updated Relocation Status as of January 2023

Status of relocation	Number of squatters relocated by Polders					
	Polder 32	Polder 33	Polder 35/1	Polder 35/3	Total	Progress (in %)
Relocated on own land	683	739	678	138	2,238	50.12
Relocated on purchased land	97	46	276	47	466	10.44
Relocated on relative & other's land	246	189	224	65	724	16.22
Relocated Temporarily at nearby area (Govt. Land)	208	264	105	3	580	12.99
Group Relocation	29	30	29	0	88	1.97
Market Relocation	6	0	21	17	44	0.99
Wage Labour	23	21	88	12	144	3.22
Tenant	83	49	38	9	179	4.01
Total Relocated-A	1,375	1,338	1,459	291	4,463	99.96
Not yet relocated	0	1	1	0	2	0.04
Total Relocation-B	0	1	1	0	2	0.04
Total Relocation target (A+B) =	1,375	1,339	1,460	291	4,465	100

3.1.3 Grievance Redress Mechanism (GRM)

A total 15 Grievance Redress Committees (GRC) have been formed (1 for each Union) in four Polders under Package-1 with the representatives of BWDB, Union Parishad, Educational Institution, PAPs, Women representatives, and LAP/RAP team.

A total number of 187 complaints/grievances have been received up to January 2023 by GRC in Package-1. Among those, 51 cases have been resolved at the entry level, 135 cases have been resolved through investigation and formal hearing by GRC and 01 nos. case is pending, which is under verification.

The status of complaints/cases received and resolved by GRC are reflected in the table below:

Table 3-4: The status of complaints/cases received and resolved by GRC under Package-1

SL No.	District	Polder No.	Total Complaints/cases	Resolved at entry level	Resolved by GRC	Total	Newly lodged Grievances
1	Khulna	32	58	19	39	58	0
2	Khulna	33	17	8	9	17	0
3	Bagerhat	35/1	37	14	22	36	1
4	Bagerhat	35/3	75	10	65	75	0
Total =			187	51	135	186	1

3.1.4 Status of Land Acquisition of Package-1

Status of land acquisition for four Polders under Package-1 is shown in Table 3-5.

Table 3-5: Status of land acquisition for 4 four Polders under Package-1

Sl. No.	Polder no.	District	Program for L.A. (ha)	Proposal submitted to DC (ha)	Approved (ha)		Possession received (ha/date)	Fund placed BDT in Lac	Payment of CUL by DC in BDT Lac	Remarks
					DLAC	MoL				
1	2	3	4	5	6	7	8	9	10	11
1	32	Khulna	50.60	50.60	50.60	50.60	50.02 (26.09.17) 0.58 (28.04.2022) =50.60	1,644.35	1249.68 (76%)	Persuasion is going on APs & DC's office to expedite the CUL payment. Payment is delayed due to lack of documents and ownership problem.
2	33	Khulna	14.28	14.28	14.28	14.28	10.94(27.09.17) & 3.34(23.09.19) =14.28	1,673.70	1145.80 (68.46%)	Persuasion is going on APs & DC's office to expedite the CUL payment. Payment of CUL is hampered due to ownership problem and lack of documents of Aps.
3	35/1	Bagerhat	41.71	41.71	41.71	41.47	30.17(22.03.18), 6.84 (26.11.20) & 4.33(07.06.21) 0.13(26.09.21) = 41.47	6,821.98	5764.22 (84.49%)	Payment of CUL is going on. Persuasion is going on APs & DC's office to expedite the CUL payment.
4	35/3	Bagerhat	25.01	25.01	25.01	25.01	24.33 (08.11.17) & 0.68(07.06.21) =25.01	1,582.73	1255.00 (79.29%)	Persuasion is going on APs & DC's office to expedite the CUL payment.
Sub Total=			131.60	131.60	131.60	131.36	131.36	11,722.76	9414.70 (80.31%)	

3.1.5 Land Acquisition for Package-2

The status of land acquisition for 6 (six) Polders under Package-2 is furnished in the following Table 3-6.

Table 3-6: Status of land acquisition for Package-2

Sl. No	Polder no.	District	Program for L.A. (ha)	Proposal submitted to DC (ha)	Approved (ha)		Possession received (ha)	Pending (ha)		Fund placed BDT in Lac	Payment of CUL by DC in BDT Lac	Remarks
					DLAC	MoL/DC		DC	MoL			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	39/2C	Pirojpur	114.04	114.04	114.04	114.04	101.07 (19-12-2019, 16-03-2020 & 26-12-20 to 31-12-20)	12.97		9537.58+2870.40 = 12407.98	5667.65 (59.42%)	CUL Payment is continuing in Pirojpur District. Fund placed for 12.97 ha of land in two LA Cases (2870.40 lac). Issuance and distribution of notice U/S-8 of new two LA cases are completed (12.97 ha). Payments of CUL to APs have yet to start for new two LA cases.
		Jalakhati	10.88	10.88	10.88	10.88	10.18 (02-02-21)	0.70	-	514.75 + 115.03 = 629.78	368.56 (71.60%)	CUL payment is going on. New proposal submitted 0.70 ha of land for construction of Flushing Sluices. Fund placed to DC for 0.70 ha of land (BDT 115.03 lac) of LA case no. 02/2021-22. Notice U/S-8 is served on 17.11.2022. Now, waiting for distribution of CUL to APs.
2	40/2	Barguna	12.17	12.17	12.17	12.17	11.68 (31-7-19, 29-9-19 & 30-11-19)	0.49	-	879.92	758.99 (86.26%)	Payment of CUL is going on. Finally approved by DC of new proposed acquisition on 28.09.2022. Now preparation of estimate is under process.
3	41/1	Barguna	8.54	8.54	8.54	8.41	8.41 (16-1-19, 5-5-19, 24-11-19 & 22-01-23)	0.13	-	469.97	433.14 (92.16%)	Payment of CUL is going on. Approved by DLAC. Issuance of notices U/S-4 (0.13 ha of land) of new proposal is under process.
4	43/2C	Patuakhali	26.50	26.50	26.50	23.20	0.06	26.44	-	8.97+ *3234.85 = 3243.82	*6.35 (70.79%)	BWDB has placed Fund to DC Patuakhali for 23.14 ha of land BDT 3,234.85 lac on 27-6-2022 against 10 mouzas which payment has not started. Issuance of notice U/S-8 is going on for 23.14 acre of land. Approved by DLAC of new proposal of 3.30 ha of land. Waiting for issuance of notices U/S-4 (3.30 ha of land).
5	47/2	Patuakhali	2.57	2.57	2.57	2.57	2.57 (25-11-20)	-	-	436.12	399.70 (91.65%)	Payment of CUL is going on. It is delayed in some cases due to court case & objection by APs.
6	48	Patuakhali	1.07	1.07	1.07	1.07	1.07 (28-12-19 & 25-11-20)	-	-	515.16	102.32 (19.86%)	All land handed over by DC to BWDB. CUL payment is delayed due to court case.
Total of Package-2=			175.77	175.77	175.77	172.34	135.04	40.73	-	12362.47+ 6220.28 = 18582.75	7736.71 (62.58%)	

* Fund of CUL against final estimate has been placed by BWDB for Polder-39/2C & 43/2C in June to December BDT 6220.28 lac which preparation of awardee list and issuance of notices under section -8 are completed and payment of APs has yet started. So, no progress (%) has not counted in the total amount. The progress (%) of payment is shown on BDT 12362.47 lac.

3.1.6 Implementation of RAP for Package-2

3.1.7 Implementation Activities

The RAP for Package-2 was prepared and cleared by the World Bank in March 2017, later updated to incorporating some changes of land acquisition and resettlement issues. The World Bank cleared this updated RAP-2 in December 2018. As per updated a total of 4,819 are non-titled EPs on Government land (squatters-4,066; Tenants-495 and Wage labour-258) which may fluctuate in course of time.

3.1.8 Payment of Compensation / Resettlement Benefits for Package-2

Payment for Compensation and resettlement benefits for non-titled EPs (Squatters) has been started from October 2018. A total of 3,664 EPs have been paid amounting BDT 4,149.70 lac and shifting of electric poles 256.84 lac total amounting of 4,408.54 lac. The detail of the payment of compensation is shown in Table 3-7:

Table 3-7: Payment of Resettlement Benefit to squatter in Package-2

Non-titled EP's (Squatters)				Paid Non-titled EP's (Squatters)			Total Tenants	Paid Ten ant	Total Wage Labourers	Paid wage labour	Total Entities	Total Paid Entities	Amount paid in BDT (Lac)
Polder	Residence (Squatters)	Commercial (Squatters)	Total (Squatters)	Residence (Squatter)	Commercial (Squatters)	Total Paid (Squatters)							
1	2	3	4=(2+3)	5	6	7=(5+6)	8	9	10	11	12=(4+8+10)	13+(7+9+11)	14
39/2C	2	17	19	0	0	0	0	0	0	0	19	0	0
40/2	1039	376	1415	965	243	1208	147	0	34	0	1596	1208	1405.09
41/1	420	203	622	406	216	622	43	0	4	0	670	622	749.42
43/2C	307	272	579	300	167	467	96	0	7	0	682	467	544.56
47/2	93	67	160	93	67	160	8	0	1	0	169	160	155.87
48	828	442	1270	788	419	1207	201	0	212	0	1683	1207	1294.76
Total =	2,689	1,377	4,066	2,552	1,112	3,664	495	0	258	0	4,819	3,664	4,149.70
Shifting of electric poles=												317	258.84
Total=												4,408.54	

3.1.9 Payment of Compensation under Law (CUL), Package-2

The DC, Pirojpur was prepared the list of awardees (16,730 nos. following the Khatian). Now they have optimized the list of affected households/awardees list following the field survey records. So, the number affected household/awardees have reduced now this number is 2926 nos. in place of 16730 nos. The Polder wise payment of compensation Under Law (CUL) of Package-2 made by DCs Pirojpur, Jalakhati, Barguna and Patuakhali are furnished in Table 3-8 below:

Table 3-8: Polder- wise payment of CUL till January 2023

District	Polder No.	Total Awardees/ Affected HHs	No of awardees applied to DC	Total estimated amount of CUL BDT Lac	No. of Paid awardees	Nos. of payment cheque distributed by DC	Total paid Amount in BDT Lac	Progress (%)
1	2	3	4	5	6	7	8	9
Pirojpur	39/2C	2926	1731	12,407.98	1243	1685	5667.65	59.42
Jalakhati		1,154	751	629.78	723	252	368.56	71.60
Barguna	40/2	798	787	879.92	709	418	758.99	86.26
Barguna	41/1	571	532	469.97	476	231	433.14	92.16
Patuakhali	43/2C	8	6	3243.82	6	5	6.35	70.79
Patuakhali	47/2	133	86	436.12	77	63	399.70	91.65
Patuakhali	48	30	15	515.16	5	5	102.32	19.86
Total=		5,620	3912	18,582.75	3245	2666	7,736.71	62.58

NB: Fund of CUL against final estimate has been placed by BWDB for Polder-39/2C, 41/1 & 43/2C in June-Jan 2023 amount in BDT 6,245.73 lac where preparation of awardees list and notice U/S-8 and payment of APs has yet started. So, no progress (%) has not counted in the total amount.

3.1.10 Relocation Status of Package-2

The status of relocation has been given below in Table 3-9 after the first indent payment made.

Table 3-9: Status of relocation in Package-2

Status of Relocation	Number of squatters relocated by Polders						Total	%
	Polder 40/2	Polder 41/1	Polder 43/2C	Polder 47/2	Polder 48			
Relocated on own land	531	290	270	98	425	1,614	44.05	
Relocated on purchased land	45	78	29	5	130	287	7.83	
Relocated on relative & other's land	168	69	98	3	126	464	12.66	
Relocated Temporarily at nearby area (Govt. Land)	243	160	58	49	487	997	27.21	
Group Relocation	37	0	0	0	0	37	1.01	
Market Relocation	0	0	0	0	0	0	0.00	
Total Relocated (A) =	1024	597	455	155	1168	3399	92.76	
Not yet relocated (B) =	184	25	12	5	39	265	7.24	
Total Relocation target (A+B) =	1208	622	467	160	1207	3664	100	

3.1.11 Grievance Redress Mechanism (GRM)

A total number of 63 complaints/grievances have been received so far up to January 2023 by GRC. 56 nos. have been resolved at the entry level. Month complaints/grievances are related to resettlement assistance issues. Table shows the status of complaints/cases received & resolved by GRC.

Table 3-10: The status of complaints/cases received and resolved by GRC

Sl. No.	District	Polder no	Total Complaints/cases	Resolved at entry level	Newly lodged Grievances
1	Pirojpur	39/2C	02	-	2
2	Barguna	40/2	24	21	3
3	Barguna	41/1	20	20	0
4	Patuakhali	43/2C	17	17	0
5	Patuakhali	47/2	0	0	0
6	Patuakhali	48	0	0	0
Total =			63	58	5

3.1.12 Preparation of EIA of Package-1

The EIA of 4 Polders under Package-1 were completed during the study period and duly been approved by the competent authorities including World Bank.

3.2 Task B: Prepare Design, Bid Documents, EIAs, RAP, etc. for Package-2 Polders

3.2.1 Data processing and reviewing the shop drawings

Immediately after the completion of each day's survey work, the raw data is submitted to the DRE. Then the raw data is processed to check the quality by using the field log sheet. The shop drawings of embankment and khals are also verified with the received raw data/field log sheet and reviewing the proposed alignment before giving final approval.

3.2.2 Design status of Package-2

All the Detailed Designs of Package-2 were completed and duly been approved by the respective Design Circle of BWDB.

3.2.3 Preparation of EIA of Package-2

The EIA of 6 Polders under Package-2 were completed and duly been approved by the competent authorities including World Bank.

3.2.4 Preparation of Monthly Progress Report (MPR) of Environmental issues for the month of January 2023

Monthly progress report on the environmental section was prepared for the month of January 2023 as a regular practice. The draft report prepared by DDCS & PMS Consultants has been forwarded to PMU Environmental Specialists for his observations and review, if any and thus it was finalized for submission for onward transmission.

3.2.5 Preparation and submission of Environment-related reports by Contractor, Package-2

Contractor, Package-2, CEIP-1 has finalized various reports according to various BoQ items under Environmental Mitigation works. The reports are as follows:

- Training to the farmers with field demonstration regarding IPM and ICM (according to BoQ sl.09 under Environmental Mitigation Works)
- Solid and liquid waste disposal arrangement (according to BoQ sl.16 under Environmental Mitigation Works)
- Work plan for Capacity building and training to WMOs regarding gate operation and post-project monitoring (according to BoQ sl.17 under Environmental Mitigation Works)
- River bank erosion monitoring (Draft Interim Report) (according to BoQ sl.18 under Environmental Mitigation Works)
- Consultancy services cost for supervision for supervision and monitoring of EMP (according to BoQ sl.19 under Environmental Mitigation Works)

3.2.6 CEIP-I Activity completion report on fisheries program in Package 2

According to the requirement of last WB ISRM (during September 5 to 20, 2022) Aide Memoire agreed action (item no. 38), the activity completion report on fisheries program in Package 2 was shared with the WB. After intensive review, the report has been accepted on January 4, 2023, along with provision of some recommendations. The recommendations have been shared with Contractor, Package-2 for finalization of the report including responses of the recommendations.

3.2.7 Capacity building and training to the WMOs regarding gate operation

The Contractor, Package-2, CEIP-1 has arranged the training of the WMOs regarding gate operation in Polder 39/2C, 40/2. This program has facilitated the WMOs for proper operation the CEIP-1 infrastructures including sluice gate. Women members have also participated in training program along with male WMO members. It will be also continued in Polder no. 41/1, 43/2C, 47/2 & 48 under Package-2, CEIP-1.

3.2.8 Review of River Erosion Monitoring

A Draft interim report on River erosion monitoring was prepared by the Contractor, Package-2, CEIP-1 according to BoQ sl.no.18 under Environmental Mitigation Works. The report was reviewed by the competent person of DDCS&PMS Consultants and comments have been

forwarded to the Contractor, Package-2, CEIP-1 for finalizing the report for submission along with the responses.

3.2.9 Environment-related information, Package-2

The information related to environment for the month of January 2023 have been forwarded by the Contractor, Package-2, CEIP-1 as a part of the regular exercise. The Contractor recruits no under-aged worker and workers' age are verified through cross checking of their National ID Cards. The related information is provided in the following Table 3-11:

Table 3-11: Environment-related Information Package-2 for January 2023

Name of Polder	No. of Total Workers in 5 Polders this Month		No. of environmental trainees in this month	No. of total accidents took place in this month	No. of total environmental grievance in this month	No. of problem faced for environmental compliance in this month	Comment
	Local Workers	Expatriate workers					
Polder 39/2C	250	17	220	0	0	0	Workers have no injury during this month
Polder 40/2	94	4	76	0	0	0	Workers have no injury during this month
Polder 41/1	43	3	34		0	0	Workers have no injury during this month
Polder43/2C	39	4	28	0	0	0	Workers have no injury during this month
Polder 48	88	7	63	0	0	0	Workers have no injury during this month
Dhaka office	6	6					
Patuakhali office	4	4					
Total	523	45	421				

3.2.10 Information of working areas, no. of workers involved (both local and expatriate) and steps taken by the Contractor, Package-2 on COVID-19 pandemic situation

The Contractor of Package-2 has been involved in various construction /civil activities where a number of local and expatriate workers/ staffs are involved. The works were continued at some work sites during the month of January 2023 in the existing in the improved COVID-19 Pandemic situation. The Contractors continued some emergency measures like provision of PPE, mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature, disinfection of camp and work sites and imposition of some restrictions including social/personal distancing and preparation of isolation areas. Information on workers and work sites along with safety issues provided by the contractor during the reporting period are as follows:

Table 3-12: Work site information of Package 2, CEIP-1 during the period from 1st Jan 2023 to 31st Jan 2023

Sl. No.	Location, Polder No. Work site	Type of work	No of workers involved during 01.01.2023to 31.01.2023		Expected date of work completion	Comments
			Local	Expatriate		
1	39/2C	1. CC Block Manufactured work 2. Embankment work for K34+650-34+750 3. Embankment work for K48+672-48+764 4. Embankment work for K31+650-K31+750	250	17	30 June 2023	

Sl. No.	Location, Polder No. Work site	Type of work	No of workers involved during 01.01.2023 to 31.01.2023		Expected date of work completion	Comments
			Local	Expatriate		
		5. Construction of FS-2/1 6. Construction of FS-9 7. Dumping the cc block work.				
2	40/2	1. Embankment Work for K3+800 2. Embankment Work for K15+000 3. Slope protection work for 13+000-13+400	94	4	30 June 2023	
3	41/1	1. Construction of DS-2 2. Slope Protection work For KM 5	45	3	30 June 2023	
4	43/2C	1. Embankment Work for k12+800-13+300 2. Embankment Work for K18+662-19+150 3. Embankment Work for K24+800-25+100	39	4	30 June 2023	
6	48	1. Slope Protection Work 2. Construction Work of DS-4 3. Embankment Work for K16+000 k34+150 4. Embankment Work for k34+150	88	7	30 June 2023	
7.	Dhaka office	Administration and Supervisory works	4	6		
8.	Patuakhali office	Administration and Supervisory works		4		
Total workers			520	45		

Note: During this period, contractor has provided the protective tools to workers, such as Mask, Hand Sanitizer and the 75% of alcohol. Moreover, workers` temperature is measured everyday with temperature measuring gun. In addition, every Polders` camp has prepared the isolation area.

3.2.11 Noise Measurement, Package-2

The automated CC manufacturing plants of Polder 39/2C were partly closed during the month of January 2023. The noise levels have been measured as caused by operation of generator mainly, used for various project related activities operated in Polders 39/2C, 40/2, 41/1,43/2C and 48 during the month of January 2023 are provided in as follows below tables:

Table 3-13: Noise Records of Polder 39/2C

Monitoring Location		Polder 39/2C, CC Block Manufacturing plant, camp
Monitoring Date		30-January-2023 (Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		CC block manufacturing plant, generator
Location category		Mixed area
Measurement results, dB	Operator of Automatic CC Block Machine (Down)	71
	Operator of Automatic CC Block Machine (Up)	72.3
	Are For Tray Replacement	69.85
	CC B lock stacking area	65
	Generator room in side	88
	Generator room out side	82.5
	Workshop Area	72
	Camp room No.1	53
	Camp room No.2	51.2
	Community (East)	62
	Community (West)	60.23
River Side	57	
Daytime standard of sound, dB (ECR 1997)		50(residential area); 60(mixed area); 70(commercial area); 75(industrial area)
Daytime standard of sound, dB (WHO, 1999)		55 (residential); 55 (institutional); 55 (educational); 70 (commercial area); 75 (industrial area)

Table 3-14: Noise level of Polder 40/2

Monitoring Location		Polder 40/2, CC Block Manufacturing plant, camp
Monitoring Date		30-January-2023 (Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		CC block manufacturing plant, generator
Location category		Mixed area
Measurement results, dB	CC block casting area (E497100.876 N434366.099 2.90)	60.23
	curing area (start point) (E497106.635 N434368.626 2.78)	62.45
	curing area (end point) (E497090.418 N434360.046 2.31)	63.5
	stacking area (E497126.491 N434341.003 2.88)	58
	Generator room in side (E497000.16 N434328.054 3.05)	87.89
	Generator room out side (E497000.25 N434328.054 3.05)	83
	Kitchen (E497101.516 N434323.099 2.64)	58
	Camp room No.1(E497100.876 N434366.099 2.66)	52.5
	Camp room No.2(E497121.312 N434331.878 2.65)	53.2
	Worker rest house (E497090.418 N434360.046 2.31)	54
Daytime standard of sound, dB (ECR 1997)		50(residential area); 60 (mixed area); 70 (commercial area); 75 (industrial area)
Daytime standard of sound, dB (WHO, 1999)		55 (residential); 55 (institutional); 55 (educational); 70 (commercial area); 75 (industrial area)

Table 3-15: Noise level of Polder 41/1

Monitoring Location		Polder 41/1 Coordinates: N447305.458 E521446.412
Monitoring Date		30-January-2023(Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		CC block pre-casting yard, Generator
Location category		Mixed area
Measurement results, dB	Generator room in side N447291.788 E521447.84	88.25
	Generator room out side N447291.788 E521450.00	83
	curing area (start point) N447318.086 E521433.608	55
	curing area (end point) N447305.458 E521446.412	56
	stacking area N447365.951 E521434.048	58
	Kitchen N447392.819 E52141.700	58
	House No.1 N447368.946 E521409.219	53
	House No.2 N447389.027 E521416.627	53
Daytime standard of sound, dB (ECR 1997)		50(residential area); 60 (mixed area); 70 (commercial area); 75 (industrial area)
Daytime standard of sound, dB (WHO, 1999)		55 (residential); 55 (institutional); 55 (educational); 70 (commercial area); 75 (industrial area)

Table 3-16: Noise level of Polder 43/2C

Monitoring Location		Polder 43/2C, CC Block Manufacturing plant, CC Block yard Coordinates: N454740.798 E540181.012
Monitoring Date		30-January -2023(Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		CC block manufacturing plant, generator
Location category		Mixed area
Measurement results, dB	Generator room in side (E464740.16 N540128.054 3.05)	89.23
	Generator room out side (E464741.25 N540133.054 3.05)	82
	Kitchen (E464743.516 N540134.099 2.64)	60
	Camp room No.1(E464745.876 N540136.099 2.66)	53
	Camp room No.2(E464744.312 N540122.878 2.65)	52.5
	Worker rest house (E464743.418 N540121.046 2.31)	53.24
Daytime standard of sound, dB (ECR 1997)		50(residential area); 60 (mixed area); 70 (commercial area); 75 (industrial area)
Daytime standard of sound, dB (WHO, 1999)		55 (residential); 55 (institutional); 55 (educational); 70 (commercial area); 75 (industrial area)

Table 3-17: Noise level of Polder 48

Monitoring Location		Polder 48, CC block yard Coordinates: N416325.431 E512365.154
Monitoring Date: January, 2023		30-January, 2023
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		Generator
Location category		Mixed area
Measurement results, dB	CC Block Mixer machine N416380.152 E512338.650	80.23
	curing area (start point) N416365.201 E512314.320	59
	curing area (end point) N416412.693 E512374.993	59
	stacking area N416410.630 E512390.085	58
	Kitchen N416375.098 E512307.765	57
	Generator room in side	88
	Generator room out side	82
	House No.1 N416359.302 E512310.137	53
	House No.2 N416365.201 E512327.038	52.56
Daytime standard of sound, dB (ECR 1997)		50 (residential area); 60 (mixed area); 70 (commercial area); 75 (industrial area)
Daytime standard of sound, dB (WHO, 1999)		55 (residential); 55 (institutional); 55 (educational); 70 (commercial area); 75 (industrial area)

3.2.12 Information on Grievance Collection Box (GCB)

According to the existing information, the present status of GCBs in Package-2, CEIP-1 are as follows:

In Package-2, Polder-wise GCBs are, in Polder 39/2C there are 3 nos. of GCBs (at and around the 3 automated CC block manufacturing plants), in Polder 40/2 there are 2 nos. of GCBs. (1 at

camp site and 1 at mechanical room), in Polder 41/1 there are 2 nos. of GCBs (1 at inside the camp and 1 at entrance of camp), Polder 43/2C has 2 nos. (1 at camp site and another placed in mechanical workshop site), Polder 48 has 3 nos. (1 outside store room, 1 outside generator room and 1 outside mechanical room). The numbers of GCBs will be increased whenever the number of work locations and workers will be increased, which is expected with the improvement of COVID-19 situation. It has to be remembered that the works of Polder 47/2 is already completed.

During the month of January, 202, the Construction Supervision Engineers (CSEs) or the Field Engineers of Polders 39/2C, 40/2, 41/1, 43/2C and 48 have opened the grievance collection boxes, located in different areas and submitted their findings, which have been reported by Deputy Resident Engineer (DRE). Various information of GCBs is submitted as follows Table 3-18.

Table 3-18: Information on grievances of the GCBs in Package-2

Sl. No.	Location	Date of opening the GCB	Name of the person, who keeps the key	No. of Grievance received	Action taken	Remarks
1.	Polder 39/2C (Office area)	31.01.2023	Mr. Motahar Hossain Mamun, Field Engineer	Nil	-	All the boxes were opened jointly by Mr. Motahar Hossain Mamun, Field Engineer and Mr. Zemou, Polder Manager of Polder 39/2C
2.	Polder 39/2C (Mechanical area)	31.01.2023	Mr. Motahar Hossain Mamun, Field Engineer	Nil	-	
3.	Polder 39/2C (Port area)	31.01.2023	Mr. Motahar Hossain Mamun, Field Engineer	Nil	-	
4.	Polder 40/2	30.01.2023	Md. Monir Hosen, Field Engineer	Nil	-	The boxes were opened by the corresponding Field Engineers in presence of Md. Harunur Rashid, CSE of Polders 40/2 and 41/1 and Managers of the camps.
5.	Polder 40/2	30.01.2023	Md. Monir Hosen, Field Engineer	Nil	-	
6.	Polder 41/1	30.01.2023	Khondaker Shamim Ahmed Field Engineer	Nil	-	The boxes were opened by Mr Harunur Rashid, CSE in presence of Mr. Wang Taofu, Polder Manager, Polder 43/2C
7.	Polder 41/1	30.01.2023	Khondaker Shamim Ahmed Field Engineer	Nil	-	
8.	Polder 43/2C (at Chinese camp)	31.01.2023	Mr. Md. Harunur Rashid, CSE, Polder 43/2	Nil	-	All the 3 boxes were opened by Mr. Mazibur Rahman CSE, Polders 47/2 & 48 in presence of Mr. Lixiang, Polder Manager, Polder 48)
9.	Polder 43/2 (at Mechanical shed)	31.01.2023	Mr. Md. Harunur Rashid, CSE, Polder 43/2	Nil	-	
10.	Polder 48 (outside store room)	29.01.2023	Mr. A.K.M. Mazibur Rahman, CSE, Polder 47/2 & 48	Nil	-	All the 3 boxes were opened by Mr. Mazibur Rahman CSE, Polders 47/2 & 48 in presence of Mr. Lixiang, Polder Manager, Polder 48)
11.	Polder 48 (outside generator room)	29.01.2023	Mr. A.K.M. Mazibur Rahman, CSE, Polder 47/2 & 48	Nil	-	
12.	Polder 48 (outside mechanical room)	29.01.2023	Mr. A.K.M. Mazibur Rahman, CSE, Polder 47/2 & 48	Nil	-	

3.2.13 Recording of Workers' History

The Contractors, Package-1 and Package-2 are keeping/ maintaining various records of their workers specially information on their age, gender, medical history, contact details of next of kin to notify in case of accident and emergency. The recording is monitored by the Environmental Specialists of PMU, DDSC&PMS Consultants and Third-party M&E Consultants during their visits at field level.

3.2.14 EAP/C-ESMP Monitoring

Monitoring of key EHS risk management according to EAP/C-ESMP in Package-2 has been carried out during the Month of January 2023 are as follows:

a. Key EHS compliance (Package-2)

Various key EHS measures complied based on EHS risk management in the light of C-ESMP (in Package-2) during the month of January 2023 are presented in the Table 3-19.

Table 3-19: Measures taken on EHS Risk Management and EAP for Package-2

Sl. no.	Polder/site	Specific individual area	EHS Risk issues	Measures taken to mitigate the risk issues	Remarks
1.	Polder 39/2C Construction of embankment		Lockout-tagout (LOTO) of automatic CC plants of Polder 39/2C	<ul style="list-style-type: none"> All required EHS measures and COVID-19 measures were compiled by the contractor and the workers also adopted the measures for their safety and security. automated CC block manufacturing plants of Polder 39/2C were kept closed and kept encircled by security enclosures 	Few CC blocks were manufactured in Nadmulla CC plant during the month of January 2023 and although 2 units of automated CC manufacturing plants of this Polder were closed
		Starting and ending of working length	May occur accident, top soil disruption	<ul style="list-style-type: none"> Demarcated all work sites clearly. Installed cautionary/ informative signals to indicate the entry and exits of vehicles and movement of construction equipment in the working area. Disposed of the excess soil at site with no objection from local authority. Conducted regular toolbox talk before starting the work. Informed the community before the start of work. Provided PPE to the workers during conduct of work. Erected the wire up to enough height before starting and ending of the work. Checked the physical condition of excavator regularly. Checked the physical condition of compaction vehicle regularly. Checked the physical condition of truck regularly. Conducted training on driving safety at regular interval. Borrow area of earth was fixed on agreement with land owners. Documented all borrow agreements. Complied borrow area excavation with safe distance from embankment as per technical specification. 	
2.	Polders 40/2,41/1, 43/2C, 47/2 and 48 Manufacturing of CC block (by mixer machine)		Stockpile area	<ul style="list-style-type: none"> Sprayed water at regular intervals. Maintained safe height of the stockpile. Provided coverage of stockpiled materials 	
			Electric firing	<ul style="list-style-type: none"> Checked the switch board and wire system regularly. Provided fire extinguisher and sand at strategic locations 	
			Fuel Storage	<ul style="list-style-type: none"> Established fuel storage shed. Paved the fuel storage area. Provided firefighting equipment and checked the expiration date of hydrants. Avoided underground storage of fuel. Maintained minimum distance during fueling and re-fueling Made available of fuel absorbent facility at site 	
			Waste storage and disposal	<ul style="list-style-type: none"> Provided separate collection bins for different waste types Installed designated dumping area Installed decanting boxes Established facility for collection of industrial waste Ensured safe waste disposal 	
3.	Polder 40/2, 41/1, 43/2C& 48	Starting and ending	May occur accident, top soil disruption	<ul style="list-style-type: none"> Installed cautionary/ informative signals to indicate the entry and exits of vehicles 	

Sl. no.	Polder/site	Specific individual area	EHS Risk issues	Measures taken to mitigate the risk issues	Remarks
	Re-sectioning of Embankment and slope protection works of Polders 40/2 and Polder 48	of working length		and safe movement of construction equipment in the working area. <ul style="list-style-type: none"> • Disposed the excess soil at site with no objection from local authority. • Erected the wire up to enough height before starting and ending of the work • Checked the physical conditions of excavator regularly • Checked the physical condition of compaction vehicle regularly • Checked the physical condition of trucks regularly • Conducted training on driving safety at regular interval • Borrow area of earth was fixed on agreement with land owners • Documented all borrow agreements • Complied borrow area excavation with safe distance from embankment as per technical specification. 	
4.	All Polders under Package-2	COVID-19 crisis	Infection and Spreading of the germ of novel corona virus	<ul style="list-style-type: none"> • Checking of body temperature of workers by experienced personnel at all work sites before entrance. • Reduced the work load • Made arrangement for hand washing/hand sanitizer • Maintaining the required distance to avoid infection • Provided additional PPE with considerations to the COVID-19 situation • Improvement of workers' awareness on control of outbreak and spread of COVID-19 	

3.2.15 Progress of Mechanical Works

About the mechanical aspects the following activities were performed.

Package-1

Fabrication of all New Gates & Hoisting devices had been completed and installation of the devices has already been completed. Some rectification work which was needed to be done were done by the contractor, package 1. Joint inspection was done by a Team comprising of Consultant's Mechanical engineer, project engineers and representative of PMU. The sluices are prepared for handing over.

Package-2

102 sets of gates and hoists have been arrived at site up to January 2023. In total 96 sets of gates have been installed in the completed structures out of which 76 sets in Drainage Sluices and 20 sets in Flushing Sluices. The Contractor has been advised to bring the remaining Gates and hoists at the earliest possible time to complete the Drainage and Flushing Sluices in all respect to make them functional. Accordingly, as per approval of the Engineer the Contractor has signed a contract with the local factory for manufacturing 33 (thirty-three) sets of sluice gates and related accessories. By April 2022, the local manufacturer has completed manufacturing/fabrication of all 33 (thirty-three) sets of Gates and Hoists. Thus, fabrication of all the Gates and hoists for different Polders of Package-2 (Ordered by Contractor for local fabrication) are completed which has already been sent time to time to the sites for installation at different sluices.

Contractor has been instructed to install all the Gates and Hoists at the earliest. It was informed that some of the locally fabricated Gates and Hoists has already been installed at the completed sluices. The rest will be installed after completion of construction of the sluices.

There are some Gates and Hoists at the old structures at different Polders of Package-2 which need to be replaced or repaired within the jurisdiction of the present Contract. The Contractor of Package-2 was instructed to prepare an inventory of these Gates and Hoists. Accordingly, they prepared and submitted an inventory report on these Gates and Hoists. The said report has been verified by the field staff of the Consultants and submitted the verified report stating the status of the Gates and Hoists of the old structures. Design of Gates and Hoists for the repaired sluices of different Polders has been prepared (according to the verified sizes by DRE). All the Gates and Hoists for the repaired and repairable sluices have been designed and sent to site (DRE) for next course of action. Contractor is preparing to manufacture the Gates locally at their yard. Field Engineer (Mechanical) is monitoring progress of Gate Manufacturing including mechanical works at site and necessary instruction is being given from time to time regarding different issues related for installation of gates and Hoists at all structures including repaired and repairable structures.

Package-3

Remaining Design of Flushing cum Drainage Regulators for Package-3 has got approval from BWDB Design Office. With this, all the mechanical Design works in connection with Package-3, CEIP-1 have been completed now.

3.3 Task B: Prepare Design, Bid Documents, EIAs, RAP, etc. for Package-3 Polders

3.3.1 Design

The detailed information regarding the status of preparation and approval of the design of different items of works of Package-3 has been shown in the Table 3-20 below:

Table 3-20: Status of Design for Package-3

Sl No.	Polder	Embankment (Km)			Drainage Channel (Km)			Drainage Sluice (No.)			Flushing Sluice (No.)		
		Target	Achievement		Target	Achievement		Target	Achievement		Target	Achievement	
			Design Prepared	Design Approved		Design Prepared	Design Approved		Design Prepared	Design Approved		Design Prepared	Design Approved
1	14/1	31.25	31.25	31.25	13.23	13.23	13.23	4	4	4	1	1	1
2	15	30.78	30.78	30.78	15.44	15.44	15.44	4	4	4	0	0	0
3	16	44.75	44.75	44.75	47.90	47.90	47.90	17	17	17	0	0	0
4	17/1	38.50	38.50	38.50	35.80	35.80	35.80	10	10	10	0	0	0
5	17/2	11.00	11.00	11.00	12.40	12.40	12.40	3	3	3	0	0	0
6	23	36.70	36.70	36.70	31.50	31.50	31.50	12	12	12	12	12	12
7	34/3	17.00	17.00	17.00	11.10	11.10	11.10	3	3	3	6	6	6
Total =		209.98	209.98	209.98	167.37	167.37	167.37	53	53	53	19	19	19

River Bank Protection Works (Km)			Embankment Slope Protection Works (Km)			Gates & Hoists					
Target	Achievement		Target	Achievement		Drainage Sluice (No.)		Flushing Sluice (No.)			
	Design Prepared	Design Approved		Design Prepared	Design Approved	Target	Achievement		Target	Achievement	
							Typical Design Prepared	Typical Design Approved		Design Prepared	Design Approved
0.00	0.00	0	4.78	4.78	4.78			0		0	0
1.60	0.800	0.800	0.00	0.00	0			0		0	0
0.00	0	0	0.00	0	0			0		0	0
0.00	0	0	0.00	0	0			0		0	0
0.00	0	0	0.00	0	0			0		0	0
0.00	0	0	0.00	0	0			0		0	0
0.00	0	0	0.00	0	0			0		0	0
1.60	0.800	0.800	4.78	4.78	4.78	1	1	1	1	1	1

3.3.2 Bidding Document of Package-3

Preparation of the Bidding Documents based on estimate prepared based on draft design submitted to the concerned design office for approval had been completed and submitted to PMU on 17th October 2019. As per Aide-Memoire of the WB Implementation Support Review Mission during 16th August 2020 to 20th August 2020, the submitted Bid Documents are to be updated based on the approved design of BWDB. Bid Documents are being updated based on the approved design of BWDB and updated Rate Schedule of BWDB published in September 2022.

3.3.3 Preparation of EIA of Package-3

The World Bank has approved the EIA reports of all the 7 (seven) Polders of Package-3, which contain the responses of the World Bank comments, which have to be cleared by the DOE after holding of National level Workshop.

3.3.4 RAP Preparation of Package-3

After the accomplishment of the map of alignment fixing by the concern of BWDB and Consultants, the LAP/RAP team has completed the Household (HH) numbering and IoL survey in 7 (seven) Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3) under Package-3 of CEIP-1. A total of 20 community consultation meetings were conducted in 15 different locations in Polders of Package-3. Meanwhile, the design crest level has been increased from 4.50 m to 6.00 m with the instruction of BWDB and the design of embankment was approved accordingly. At present, the Package-3 is not implementing under CEIP-1 Resettlement Action Plan (RAP) has been prepared and submitted to the World Bank. The World Bank has suggested that this RAP may please be preserved for any future reference and use.

3.3.5 LAP Preparation for Package-3

The Land Acquisition Plan (LAP) of Package-3 has been prepared on the basis of original design of embankment where the crest width of the embankment was 4.50m. Meanwhile, BWDB had decided to change the design of embankment providing the crest width 6.00m instead of 4.50m. At the present context, the designs of embankment have been approved by the Design Circle-5, BWDB considering the crest width 6.00m. The LAP/RAP team has collected records and information on previously acquired land for seven Polders (Polder- 14/1, 15, 16, 17/1, 17/2, 23 and 34/3) from concerned O&M Divisions of BWDB and the concerned DC offices (Khulna, Satkhira and Bagerhat). Mouza Maps have also been collected from the office of Director, Land Records, Tejgaon, Dhaka and the DC office Khulna, Satkhira and Bagerhat. The works of Package-3 proposes to acquire 95.37 ha. of land for improvement of Seven Polders. The 3rdPackage is likely to displace 4,825 household (HH) and other units. But all these activities will require updated in accordance with the revised LAP and RAP.

3.4 Task C: Supervise Construction & Administer Contract of Package-1

3.4.1 Introduction

The Progress report covers the events up to 31st January 2023. The Contract for Package-1 was signed on 1st November 2015 for the execution of Rehabilitation/ Reconstruction and Upgrading of Polder-32; Polder-33; Polder 35/1 and 35/3 under Package-1. The date of formal commencement of work was on 26th January 2016.

Of the total 200.617 kilometres of embankment upgrading in the four Polders, 198.932 kilometres are fully completed (excluding some dressing & turfing works) and 1.685 kilometre is partially done. In Package-1 in total there is 17.699 km paved road, out of these 10.65 km in Polder 35/1 and 1.95 km in Polder 35/3, and km 5.099 km in Polder 33. The most lengths of the paved roads are in good condition with crest levels around 40 to 50 cm lower than the CEIP-1

design crest levels. The crest widths are also close to CEIP-1 design crest width of 4.50 m. Once it was decided that paved road would not be dismantled, and no works would be executed there. However, later it has been decided to keep the target length of embankment unchanged, slope development work of the embankment would be executed for these paved roads area. By this time, 10.650 km of Polder 35/1, 3.414 km of Polder 33 and 1.95 km of Polder 35/3 have been completed.

As per the target for the Result Framework in total 150.299 Km of Drainage Channel re-excavation has been achieved.

There is provision for 19.766 Km of embankment slope protection works in the four Polders of which 19.529 Km are completed as of January 2023. The 4.25 Km Riverbank protection works had been completed.

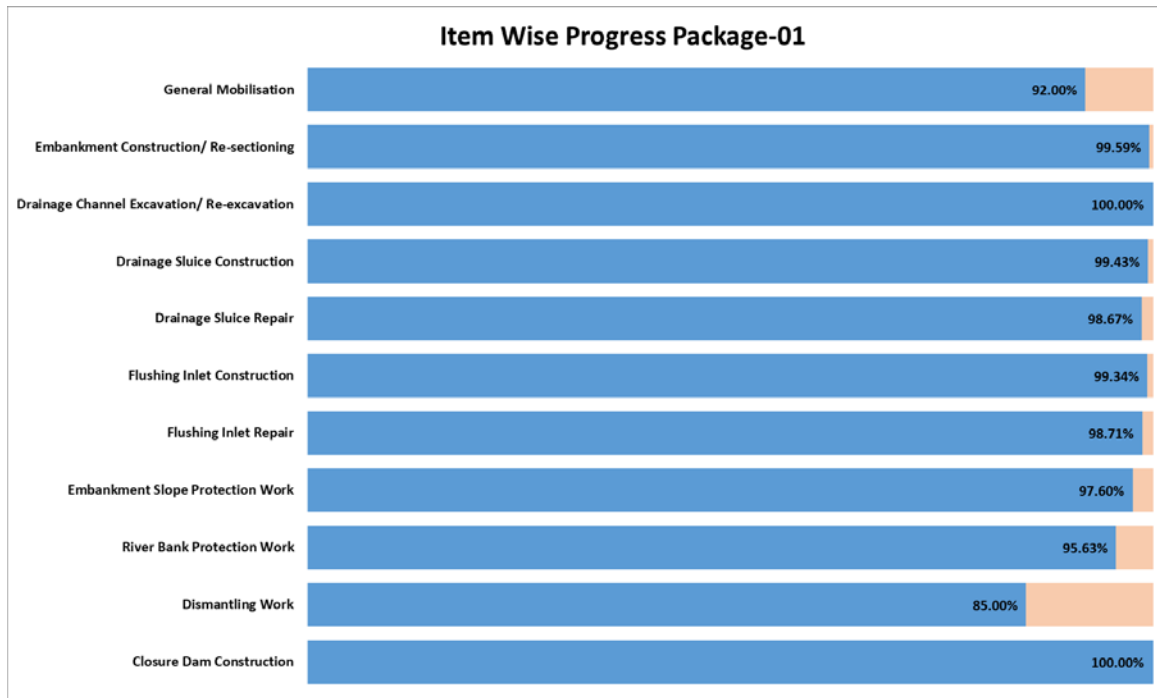


Figure 3-1: Item Wise Progress of Package-1

Water logging in Polder 35/1

There was severe water logging in Polder 35/1 under CEIP-1, Contract Package-1 in the last week of July & first week of August 2021 due to incessant record-breaking rainfall from July 27, 2021, to August 01, 2021. Cultivated lands and homesteads were flooded and Polder residents suffered from inundation of their kitchens and sanitary facilities. District administration arranged dry foods to the affected Polder residents as the water logging situation stayed for over a week.

Project Director, PMU, CEIP-1, BWDB; Team Leader, DDCS & PMS Consultants and Consultants field staff including Construction Resident Engineer, Construction Supervision Engineer, and Field Engineers, rushed to the affected area and made immediate short term arrangement by installing drainage Pipe at nine strategic locations of the embankment in consultations with affected Community to remove water logging of the 9 (nine) locations identified, Pipe installations were all completed by the first week of September 2021.

During this time, Project Director, PMU, CEIP-1, BWDB, constituted a Committee with Executive Engineer, CEIP-1, BWDB, as the Convener and Resident Engineer, DDCS&PMS Consultants, as the Member-Secretary to visit the area and report the causes of water of water and suggest further remedial measures. The Committee submitted report on the 14th of August 2021.

Team Leader, DDCS&PMS Consultants, also prepared and submitted an intermediate report including the findings of the Institute of Water Modelling (IWM), and the BWDB Committee and submitted the final report to the Office of the Project Director, PMU, CEIP-1, on 17th November 2021.

Both the Intermediate Report and the BWDB Committee Report recommended further investigation to consider permanent drainage Outlets/Inlets structures at the nine (9) locations where pipes are installed, as a permanent solution to this water logging problem.

Meanwhile, Project Director, PMU, CEIP-1, BWDB constituted another seven (7) member Committee on 2nd December 2021 that comprises of PMU staff & Consultants with Resident Engineer, DDCS&PMS Consultants, as a member to specifically identify the actual field situation of the five (5) khals that were reported to be closed (ref: DC, Bagerhat Memo) during construction of the CEIP-1 Embankment. The Deputy Commissioner, Bagerhat District, sent the report to the Senior Secretary, Ministry of Water Resources (MoWR) and the report was followed up by the Cabinet Division through the Office of the honourable Prime Minister, Government of Bangladesh. The honourable Prime Minister of Bangladesh sent a note to the Director General, Bangladesh Water Development Board (BWDB) that in the future the issue of water logging must be taken with adequate attention.

The latest Committee submitted their report on December 20, 2021, with the recommendations to replace temporary pipe installations with permanent minor Outlet/Inlet structures in at least seven of the nine locations. The Contractor was instructed to carry out site survey to prepare design of these minor drainage structures by the DDCS & PMS Consultants. Site surveys are completed, and the data sent to Design Engineer, DDCS & PMS Consultants to prepare a typical design for implementing the work. Engineer reviewed the report and prepared the draft detailed design and drawing for 7 nos. additional Flushing cum Drainage Outlets following the report and BWDB standard design procedures and submitted to PMU vide Engineer's ref.no. RDCOR_BC5883-100_L003615_JHL_KRH dated: 8th March 2022 to take necessary action for getting approval from Design Circle-8 and subsequently, design drawings of 7 nos. additional Flushing cum Drainage Outlets were approved by the Competent Authority which was communicated by the Project Director to the Engineer vide e-mail dated: 7th July 2022. Design drawings were sent to the Contractor by the Engineer vide e-mail dated: 13th July 2022 with request to submit the competitive quotation/ estimate for execution of the works, in response the Contractor has informed vide e-mail dated: 26th July 2022 that they are not able to carry out the additional outlets work as they have completed their contract work and all manpower and equipment have been demobilized As per instruction of the Employer the negotiation is in progress with the Contractor of Package-2 to execute the said works. .

Emergency Bank Protection Works in Polder 35/1

The Emergency Bank Protection Works at km 2+000-2+300 (300 m) and at km 4+500-4+650 (150 m) with a total length of 450 m in Polder 35/1 under CEIP-1, Contract Package-1, was completed about 98% by November 2021 and the balance 2% would be completed along with bank pitching works.

Precautionary Emergency Bank Protection Works in Polder 32

Precautionary Emergency Bank Protection Works in Polder 32 was taken up at the five most vulnerable locations during the past monsoon months in 2022 to protect the embankment and the lives and living of the Polder Community. Executive Engineer, CEIP-1, BWDB, Khulna assisted in counting the geo-bags through the BWDB Committee constituted by the Project Director.

Additional Bank Protection Works in Polder 32

- BWDB Technical Committee headed by Chief Engineer, Design, visited the vulnerable sites on 25th December 2022 and recommended 7.100 km of Additional Bank Protection Works in place of the originally identified 4.0 km. Engineer has completed the draft design drawings and estimates and submitted to PMU vide Engineer's ref.no. RDCOR_BG5883-100_L003545_JHL_MMR dated 30th January 2022 to take necessary steps to get the approval from the Design Circle. Design Circle-8 provided some observations on the design drawings and accordingly, the design drawings have been revised and submitted to Design Circle-8 on 22nd February 2022 for approval and these design drawings were approved by Design Circle-8 on 6th March 2022. Based on the approved design drawings the estimate has been prepared and sent to the Contractor vide Engineer's ref.no. RDCOR_BC5883-100_L003636_JHL_AAM dated: 23rd March 2022 to review and comments. In response to the letter of the Engineer, the Contractor submitted a quotation vide ref. no. CHWE/CEIP-1/EN/0554 dated: 31st MAY 2022 with an amount of BDT 1,958,276,328.44. Subsequently, the Contractor revised their quotation and re-submitted vide ref. no. CHWE/CEIP-1/EN/0561 dated: 20th June 2022 with the value of BDT 1,886, 354,107.46. Meanwhile, Project Director instructed to submit the rate of Contractor's claim and recommendation of the Engineer for 7.100 km Additional Riverbank Protection Works in Polder-32 of Package-1. Accordingly, Engineer submitted the rate of recommendation of the Engineer for the cost estimate and Contractor's claim vide Engineer's ref. no. RDCOR_BG5883-100_L003840_JHL_AAM dated 7th July 2022. PMU made some observations on the cost estimate vide memo no. CEIP-1/W-01/971 dated: 12th July 2022. Based on the observations, cost estimate was re-casted, and the re-casted amount was stood to BDT 1,648,771,623.45. Engineer sent the re-casted cost estimate to the Contractor vide ref. no. RDCOR_BG5883-100_L003851_JHL_AAM dated 24th July 2022 for their review and consent on the cost estimate. In response, Contractor has informed vide ref. no. CHWE/CEIP-1/EN/0576 that they would remain strict to their quotation submitted vide ref. no CHWE/CEIP-1/EN/0561 dated: 20th June 2022 with the value of BDT 1,886, 354,107.46. Later, further discussion was made between Engineer and Contractor at the office of the Engineer and finally the Contractor has given their decision that they are not able to execute the said work. So, the negotiation was failed, and this has been informed in detail to the Project Director by the Engineer vide ref. no. RDCOR_BG5883-100_L003895_JHL_AAM dated 7th August 2022.
- The present status of Additional Riverbank Protection Works of Polder-32 has been stated in detail under article 1.2.1 of this Monthly Progress Report.

3.4.2 Physical Progress (Milestone Matrix)

Table 3-21: Physical Works Status of Package-1 as of January 2023

Item	Unit	RF Target	Revised Quantity	Tentative Program FY 2022-2023		Cumulative upto June 2022		Cumulative upto 31 Dec 2022		Current Month		Cumulative upto 31 Jan 2023		Cumulative During FY 2022-23	
				Full	Part	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed
1	2	3	4	5	6	7	8	9	10	11=(13-9)	12	13	14	15=(13-7)	16
General Mobilization	LS	-	-	-	0	90.00%		92.00%		0.00%		92.00%		2.00%	
Embankment Construction/Re-sectioning	Km	200.617	200.617			197.882	0.400	198.932	0.000	0.000	1.685	198.932	1.685	1.050	1.685
						99.36%		99.48%		0.11%		99.59%		0.24%	
Drainage Channel Excavation/Re-excavation	Km	151.210	150.299			150.30	0.000	150.299	0	0.000	0.00	150.299	0	0.000	0.00
						100.00%		100.00%		0.00%		100.00%		0.00%	
Drainage Sluice Construction	No.	38	38			38	0	38	0	0	0	38	0	0	0
						99.43%		99.43%		0.00%		99.43%		0.00%	
Drainage Sluice Repair	No.	2	2			2	0	2	0	0	0	2	0	0	0
						98.67%		98.67%		0.00%		98.67%		0.00%	
Flushing Inlet Construction	No.	30	29			29	0	29	0	0	0	29	0	0	0
						99.34%		99.34%		0.00%		99.34%		0.00%	
Flushing Inlet Repair	No.	14	14			14	0	14	0	0	0	14	0	0	0
						98.71%		98.71%		0.00%		98.71%		0.00%	
Embankment Slope Protection Work	Km	19.966	19.766			19.606	-	19.529	-	0.000	-	19.529	-	-0.077	0.00
						97.60%		97.60%		0.00%		97.60%		0.00%	
River Bank Protection Work	Km	4.45	4.25			4.250	-	4.250	-	0.000	-	4.250	-	0.00	0.00
						95.63%		95.63%		0.00%		95.63%		0.00%	
Closure Dam Construction	No.	1	1			100.00%		100.00%		0.00%		100.00%		0.00%	

Table 3-22: Polder wise Physical Works status of Package-1 as of January 2023

Package No	Polder No	Progress for Construction of Drainage sluices								Progress for Construction of Flushing Sluices							
		Number of DS	Dropped	Revised target of DS	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.	Number of FS	Dropped	Revised target of FS	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in Operation
1	32	8	0	8	8	0	0	100.00%	8	2	1	1	1	0	0	100.00%	1
	33	12	0	12	12	0	0	100.00%	12	6	6	6	0	0	100.00%	6	
	35/1	15	1	14	14	0	0	100.00%	14	4	12	12	0	0	100.00%	12	
	35/3	4	0	4	4	0	0	100.00%	4	10	10	10	0	0	100.00%	10	
	Total	39	1	38	38	0	0	99.43%	38	40	11	29	29	0	0	99.34%	29

Package No	Polder No	Progress for Repair of Drainage Sluices								Progress for Repair of Flushing Sluices							
		Number of DS	Number of Dropped	Revised target of DS Repair	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.	Number of FS	Number of Dropped	Revised target of FS Repair	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.
1	32	0	0	0	0	0	0	NA	0	19	13	6	6	0	0	100.00%	6
	33	0	0	0	0	0	0	NA	0	6	3	3	3	0	0	100.00%	3
	35/1	2	0	2	2	0	0	98.67%	2	3	0	3	3	0	0	100.00%	3
	35/3	0	0	0	0	0	0	NA	0	2	0	2	2	0	0	100.00%	2
	Total	2	0	2	2	0	0	98.67%	2	30	16	14	14	0	0	98.71%	14

Package No	Polder No	Progress for Bank Protection Work			Summary of Slope Protection Work			Progress for Excavation / Re-excavation of Drainage Channel				Summary of CC Block Production Status		
		Target Length (Km)	Completed Length (Km)	% Completed	Target Length (Km)	Completed Length (Km)	% Completed	Number of Canals	RF Target Length (Km)	Completed Length (Km)	% Completed	Target Quantity	Production Quantity	% Completed
Package 1	32	2.000	2.000	100.00%	3.30	3.300	100.00%	7	17.00	17.00	100.00%	1,945,077	1,943,312	99.91%
Package 1	33	1.300	1.300	100.00%	4.02	4.016	100.00%	13	62.83	62.83	100.00%	1,332,055	1,293,736	97.12%
Package 1	35/1	0.800	0.800	100.00%	11.75	11.513	97.98%	18	70.47	70.47	100.00%	2,960,616	2,778,317	93.84%
Package 1	35/3	0.150	0.150	100.00%	0.70	0.700	100.00%	2	0.00	0.00	NA	208,950	228,122	109.18%
Package 1		4.250	4.250	95.63%	19.766	19.529	97.60%	40	150.299	150.299	100.00%	6,446,698	6,243,487	96.85%

Package No	Polder No	Progress of Construction / Re-sectioning of Embankment											Partly Completed			
		Target Length (Km)	Completed Length (Km)	% Completed	New Emb. Length (Km)	Completed New Emb. Length (Km)	% Completed	Resectioning Length (Km)	Completed Resectioning Length (Km)	% Completed	Retd. Emb. Length (Km)	Completed Retd. Emb. Length (Km)	% Completed	New Emb. Length (Km)	Resectioning Length (Km)	Retd. Emb. Length (Km)
Package 1	32	49.666	49.666	100.00%	0.00	0.00	NA	24.68	24.68	100.00%	24.99	24.99	100.00%	0.000	0.000	0.000
Package 1	33	49.154	47.469	96.57%	0.00	0.00	NA	44.87	43.03	95.88%	4.28	4.44	103.79%	0.000	1.685	0.000
Package 1	35/1	61.972	61.972	100.00%	0.00	0.00	NA	57.22	57.22	100.00%	4.75	4.75	100.00%	0.000	0.000	0.000
Package 1	35/3	39.825	39.825	100.00%	0.00	0.00	NA	23.36	23.36	100.00%	16.47	16.47	100.00%	0.000	0.000	0.000
Package 1		200.617	198.932	99.59%	0.000	0.000	NA	150.133	148.286	98.77%	50.48	50.65	100.32%	0.000	1.685	0.000

Table 3-24: Detailed information of Slope Development Status of Paved Road Stretches of Package-1

Pkg. No	Polder	Location	Status of Work	Length (Km)	Starting Chainage (Km)	End Chainage (Km)	Remarks
WP 01	33	Burir Dabor	Ongoing	0.499	11.028	11.527	LGED Road. Turfing work remaining
	33	Thakurbari to khagrahat	Completed	2.620	19.232	21.852	LGED Road. Turfing work remaining
	33	Chunkuri	Ongoing	1.980	39.765	41.745	LGED Road. Energy Pack LPG Gass
	35/1	Dhansagor	Ongoing	10.650	51.250	61.900	LGED Road. Turfing work 250m remaining
	35/3	Molliker ber	Completed	1.950	34.210	36.160	LGED Road
Total of Package-1				17.699			

Table 3-25: Detailed information of Construction Status of Drainage Channel of Package-1

#	Polder	Name of Khal	Status of Work	Length (Km)	Completed Length (km)	Required Quantity (Cum)	Achieved Quantity (Cum)	Status as of Jan 2023	Remarks
Package 1									
1	32	Charar (DS-1)	Completed	1.470	1.470	26,784.05	26,784.05	100.00%	Work completed.
2	32	Hatkhola (DS-2)	Completed	3.321	3.321	50,830.07	50,830.07	100.00%	Work completed.
3	32	Para (DS-3)	Completed	4.313	4.313	34,772.10	34,772.10	100.00%	Work completed.
4	32	Kayratoli (DS-7)	Completed	3.116	3.116	25,978.95	25,978.95	100.00%	Work completed.
5	32	Clozarer (DS-8)	Completed	1.783	1.783	8,019.15	8,019.15	100.00%	Work completed.
6	32	Jaliakhali (DS-16)	Completed	3.000	3.000	22,949.11	22,949.11	100.00%	Work completed.
12	33	Bojan, DS 1	Completed	2.156	2.156	53,571.00	53,571.00	100.00%	Work completed.
9	33	Khejura, DS 2	Completed	5.500	5.500	39,452.00	39,452.00	100.00%	Work completed.
13	33	Borobage, DS 3	Completed	7.500	7.500	28,241.00	28,241.00	100.00%	Work completed.
14	33	Bolder, DS 4	Completed	0.975	0.975	18,618.00	18,618.00	100.00%	Work completed.
8	33	Chara, DS 5	Completed	10.000	10.000	89,475.00	89,475.00	100.00%	Work completed.
15	33	Dhopadi, DS 6	Completed	4.073	4.073	61,069.00	61,069.00	100.00%	Work completed.
16	33	Dacope, DS 7	Completed	3.950	3.950	115,279.00	115,279.00	100.00%	Work completed.
7	33	Bajua, DS 9	Completed	8.890	8.890	51,558.00	51,558.00	100.00%	Work completed.
11	33	Pachin Baju, DS 10	Completed	8.500	8.500	630.00	630.00	100.00%	Work completed.
10	33	Khuntakhali, DS 11	Completed	4.350	4.350	43,945.00	43,945.00	100.00%	Work completed.
17	33	Borobaker, DS 13	Completed	5.616	5.616	34,205.00	34,205.00	100.00%	Work completed.
18	33	Kata, FS 9	Completed	1.320	1.320	31,744.00	31,744.00	100.00%	Work completed.
19	35/1	Terabeka,DS-08(Khal-01)	Completed	2.505	2.505	18,304.00	18,304.00	100.00%	Work completed.
20	35/1	Rayenda,DS-04(Khal-20)	Completed	9.500	9.500	81,985.00	81,985.00	100.00%	Work Completed.
21	35/1	Satgharer,DS-18(Khal-02)	Completed	1.000	1.000	9,365.00	9,365.00	100.00%	Work Completed.
22	35/1	Gabtota,DS-07(Khal-04)	Completed	2.000	2.000	10,575.00	10,575.00	100.00%	Work Completed.
23	35/1	Tafalbari(Khal-06),DS-06	Completed	6.197	6.197	44,382.00	44,382.00	100.00%	Work Completed.
24	35/1	Sonatola(Khal-11),DS-10	Completed	2.500	2.500	14,468.00	14,468.00	100.00%	Work Completed.
25	35/1	Jheelbonia(Khal-19),DS-05	Completed	5.730	5.730	38,856.00	38,856.00	100.00%	Work Completed.
26	35/1	Thanar(Khal-42),DS-11	Completed	3.511	3.511	70,562.00	70,562.00	100.00%	Work Completed.
27	35/1	Khunta kata(Khal-61),DS-03	Completed	3.500	3.500	454.50	454.50	100.00%	Work Completed.
28	35/1	Kumarkhali(Khal-64),DS-02	Completed	12.500	12.500	196,165.00	196,165.00	100.00%	Work Completed.
29	35/1	Sannashir(Khal-73),DS-01	Completed	1.500	1.500	11,825.00	11,825.00	100.00%	Work Completed.
30	35/1	Andaria(Khal-75),DS-15	Completed	2.075	2.075	32,662.00	32,662.00	100.00%	Work Completed.
31	35/1	Kabirajer(Khal-79),DS-13	Completed	3.151	3.151	38,743.00	38,743.00	100.00%	Work Completed.
32	35/1	Rajapur(Khal-81),DS-12	Completed	3.730	3.730	77,690.00	77,690.00	100.00%	Work Completed.
33	35/1	Khajurbaria(Khal-90),DS-17	Completed	5.500	5.500	75,241.00	75,241.00	100.00%	Work Completed.
34	35/1	Rathiar(Khal-84),DS-16	Completed	4.625	4.625	69,186.00	69,186.00	100.00%	Work Completed.
35	35/1	Fajajipara(Khal-76),DS-14	Completed	0.942	0.942	7,695.00	7,695.00	100.00%	Work Completed.
36	35/3	Care Khal	Dropped	0.000	0.000	-	-	NA	Not required hence it is drop.
Total				150.299	150.299	1,535,278.93	1,535,278.93		

Table 3-26: Detailed information of Construction Status of Drainage Sluices of Package-1

#	Polder	Sluice Name	Dropped/ Not Dropped	LA Problem	LA - Current Status	Preparation cofferdam- excavation- dewatering	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing - Gate	Status as of Jan 2023	Remarks
Drainage Sluice											
1	32	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
2	32	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
3	32	DS-7	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
4	32	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
5	32	DS-9	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
6	32	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
7	32	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
8	32	DS-16	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
9	33	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
10	33	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
11	33	DS-3	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
12	33	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
13	33	DS-6	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
14	33	DS-7	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
15	33	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
16	33	DS-9	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
17	33	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
18	33	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
19	33	DS-12	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
20	33	DS-13	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
21	35/1	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
22	35/1	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
23	35/1	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
24	35/1	DS-5	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
25	35/1	DS-6	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
26	35/1	DS-7	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
27	35/1	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
28	35/1	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
29	35/1	DS-12	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
30	35/1	DS-13	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
31	35/1	DS-14	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
32	35/1	DS-15	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
33	35/1	DS-16	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
34	35/1	DS-17	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
35	35/1	DS-18	Dropped	N	NA					0%	DS-18, Dropped due to vulnerable situation of Baleshor River from November, 2016
36	35/3	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
37	35/3	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
38	35/3	DS-3	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
39	35/3	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.

Table 3-27: Detailed Information of Construction Status of Flushing Sluices of Package-1

#	Polder	Sluice Name	Dropped/ Not Dropped	LA Problem	LA - Current Status	Preparation cofferdam- excavation- dewatering	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing - Gate	Status as of Jan 2023	Remarks
Flushing Sluice											
1	32	FS-3	Dropped	Y						0%	Dropped as local chairman does not allow to construct the FS-3
2	32	D-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
3	33	FS-1	Dropped	N	NA					0%	Dropped due to Court Case
4	33	FS-3	Dropped	Y						0%	Dropped as adjacent DS-3 will serve the purpose
5	33	FS-5	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
6	33	FS-6	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
7	33	FS-8	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
8	33	FS-9	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
9	33	FS-10	Dropped	Y						0%	Dropped due to Land Problem.
10	33	FS-11	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
11	33	FS-14	Dropped	Y						0%	Dropped due to Land Problem for excavation of diversion channel
12	33	FS-15	Dropped	N	NA					0%	Structure is good condition, converted to repair. Design data submitted for repair work.
13	33	FS-17	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
14	33	FS-19	Dropped							0%	Dropped due to Land Problem .
15	35/1	FS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
16	35/1	FS-2	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
17	35/1	FS-4	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
18	35/1	FS-5	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
19	35/1	FS-6	Dropped	Y						0%	Dropped due to Land Problem for excavation of diversion channel
20	35/1	FS-7	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
21	35/1	FS-12	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
22	35/1	FS-13	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
23	35/1	FS-14	Dropped	Y						0%	Dropped due to Land Problem for excavation of diversion channel
24	35/1	FS-15	Dropped	Y						0%	Dropped due to Land Problem for excavation of diversion channel
25	35/1	FS-16	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
26	35/1	FS-17	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
27	35/1	FS-18	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
28	35/1	FS-19	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
29	35/1	FS-21	Dropped	Y						0%	The local farmer and UP Member demanded new sluice by their letter dated 10.12.2018 to EE & DRE,CEIP-1.Land issues for diversion channel at R/S needs to be solved & decision of compenent authority needs for next step of construction of FS-
30	35/1	FS-22	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
31	35/1	FS-23	Dropped	Y						0%	Dropped due to Land Problem for excavation of diversion channel
32	35/3	FS-1	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
33	35/3	FS-3	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
34	35/3	FS-4	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
35	35/3	FS-5	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
36	35/3	FS-6	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
37	35/3	FS-8	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
38	35/3	FS-9	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
39	35/3	FS-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
40	35/3	FS-13	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
41	35/3	FS-14	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.

Table 3-28: Detailed Information for Repairing of Drainage & Flushing Sluices of Package-1

#	Type of HS	Package	Polder	Sluice Name	Status (Dropped/ Not Dropped)	LA Problem	LA - Current Status	Preparation cofferdam- excavation-	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing -	Status as of Jan 2023	Remarks
Drainage Sluice													
1	DS	1	35/1	DS-03	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
2	DS	1	35/1	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
Flushing Sluice													
1	FS	1	32	FS-01	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
2	FS	1	32	FFDFB-01	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
3	FS	1	32	FFDFM-01	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
4	FS	1	32	FFDFR-01	Dropped							NA	No need to repair. (FFDFR-01)
5	FS	1	32	FM-08	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
6	FS	1	32	FS-04	Dropped							NA	Sluice not repairable.(FS-04)
7	FS	1	32	FM-09	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
8	FS	1	32	FM-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
9	FS	1	32	FM-12	Dropped							NA	No need to repair
10	FS	1	32	FM-01	Dropped							NA	No need to repair
11	FS	1	32	FM-02	Dropped							NA	Sluice is not used any more.
12	FS	1	32	FM-07	Dropped							NA	No to need repair, connected with private pond
13	FS	1	32	FM-11	Dropped							NA	No to need repair, connected with private pond
14	FS	1	32	FO-02	Dropped							NA	Abandoned as outside the retired embankment
15	FS	1	32	FO-03	Dropped							NA	No repair needed
16	FS	1	32	FO-04	Dropped							NA	Abandoned as outside the retired embankment
17	FS	1	32	FO-05	Dropped							NA	Abandoned as outside the retired embankment
18	FS	1	32	FO-06	Dropped							NA	Abandoned as outside the retired embankment
19	FS	1	32	FH-9	Dropped							NA	Engulfed by river erosion
20	FS	1	33	FS-02	Dropped							NA	Private structure, no repair needed
21	FS	1	33	FS-12	Dropped							NA	Private structure, no repair needed
22	FS	1	33	FS-13	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
23	FS	1	33	FS-15	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
24	FS	1	33	FS-16	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
25	FS	1	33	FS-18	Dropped							NA	Private structure, no repair needed
26	FS	1	35/1	FS-03	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
27	FS	1	35/1	FS-10	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
28	FS	1	35/1	FS-20	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
29	FS	1	35/3	FS-02	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.
30	FS	1	35/3	FS-07	Completed	N	NA	100%	100%	100%	100%	100%	Sluice in operation.

Table 3-29: Detailed Information of Slope Protection Works of Package-1

#	Polder #	Length (Km)	LA Problem	LA - Current Status	Status of Work	Starting Chainage (Km)	End Chainage (Km)	Mobilization	Production of CC Blocks	Placing of CC block	Other related work	Completed Length (km)	Status as of Jan 2023	Remarks
Package 1								3%	77%	7%	13%			
1	32	0.700	N	NA	Completed	4.80	5.50	100%	100%	100%	100%	0.700	100%	Work is Completed
2	32	0.600	N	NA	Completed	7.10	7.70	100%	100%	100%	100%	0.600	100%	Work is Completed
3	32	1.000	N	NA	Completed	9.00	10.00	100%	100%	100%	100%	1.000	100%	Work is Completed
4	32	1.000	N	NA	Completed	15.00	16.00	100%	100%	100%	100%	1.000	100%	Work is Completed
5	33	0.100	N	NA	Completed	28.50	28.60	100%	100%	100%	100%	0.100	100%	Work is Completed
6	33	2.199	N	NA	Completed	41.74	43.93	100%	100%	100%	100%	2.199	100%	Work is Completed
7	33	0.042	N	NA	Completed	44.03	44.07	100%	100%	100%	100%	0.042	100%	Work is Completed
8	33	0.110	N	NA	Completed	45.00	45.11	100%	100%	100%	100%	0.110	100%	Work is Completed
9	33	0.165	N	NA	Completed	45.30	45.47	100%	100%	100%	100%	0.165	100%	Work is Completed
9	33	0.100	N	NA	Completed	45.47	45.57	100%	100%	100%	100%	0.100	100%	Work is Completed
9	33	1.000	N	NA	Completed	45.60	46.60	100%	100%	100%	100%	1.000	100%	Work is Completed
9	33	0.300	N	NA	Completed	47.87	48.17	100%	100%	100%	100%	0.300	100%	Work is Completed
10	35/1	0.277	N	NA	Ongoing	2.02	2.30	100%	100%	90%	90%	0.124	98.00%	Work in progress
11	35/1	1.000	N	NA	Completed	2.30	3.30	100%	100%	100%	100%	1.000	100.00%	Work is Completed
12	35/1	0.773	N	NA	Ongoing	3.80	4.57	100%	100%	95%	95%	0.689	99.00%	Work in Progress
13	35/1	0.183	N	NA	Completed	5.12	5.30	100%	100%	100%	100%	0.183	100.00%	Work is Completed
14	35/1	0.267	N	NA	Completed	5.30	5.57	100%	100%	100%	100%	0.267	100.00%	Work is Completed
15	35/1	0.750	N	NA	Completed	8.00	8.75	100%	100%	100%	100%	0.750	100.00%	Work is Completed
16	35/1	0.500	N	NA	Completed	13.50	14.00	100%	100%	100%	100%	0.500	100.00%	Work is Completed
17	35/1	3.000	N	NA	Completed	14.00	17.00	100%	100%	100%	100%	3.000	100.00%	Work is Completed
18	35/1	3.000	N	NA	Completed	20.50	23.50	100%	100%	100%	100%	3.000	100.00%	Work is Completed
19	35/1	2.000	N	NA	Completed	23.50	25.50	100%	100%	100%	100%	2.000	100.00%	Work is Completed
20	35/3	0.700	N	NA	Completed	39.30	40.00	100%	100%	100%	100%	0.700	100.00%	Work is Completed
Total		19.766										19.529		

Table 3-30: Detailed Information of Bank Protection Works of Package-1

#	Polder	Length (Km)	Status of Work	Starting Chainage (Km)	End Chainage (Km)	Mobilization	Production of CC Blocks	Placing of CC block	Other related work	Completed Length (km)	Status as of Jan 2023	Remarks
Package 1						3%	83%	6%	8%			
1	32	0.750	Completed	20.493	21.243	100%	100%	100%	100%	0.750	100.00%	Work Completed
2	32	0.500	Completed	25.450	25.950	100%	100%	100%	100%	0.500	100.00%	Work Completed
3	32	0.750	Completed	48.824	49.574	100%	100%	100%	100%	0.750	100.00%	Work Completed
4	33	0.200	Completed	0.000	0.200	100%	100%	100%	100%	0.200	100.00%	Completed
5	33	0.400	Completed	0.990	1.390	100%	100%	100%	100%	0.400	100.00%	Work Completed.
6	33	0.500	Completed	17.360	17.860	100%	100%	100%	100%	0.500	100.00%	Work Completed.
7	33	0.200	Completed	21.680	21.880	100%	100%	100%	100%	0.200	100.00%	Work Completed.
8	;35/1	0.300	Dropped	0.300	0.600	0%	0%	0%	0%	0.000	0.0%	Shifted 200m from total 300m to km 3.30 to km 3.60 which has now become km 3.30 to km 3.80. no work is required to the remaining 100m. Design and Drawing is approved by Team Leader,CEIP-1.
9	35/1	0.800	Completed	3.300	4.100	100%	100%	100%	100%	0.800	100.00%	Work Completed.
10	35/3	0.15	Completed	36.220	36.370	100%	100%	100%	100%	0.150	100.00%	Work Completed.
Total		4.250								4.250		

Table 3-31: Detailed Information of Construction of Closure Dam of Package-1

#	Polder	Name of Closure	Status of Work	Foundation Construction of the Closure	Closing of the Closure	Final Protection of the closure	Status as of Jan 2023	Remarks
Package 1								
1	32	Nalian Closure	Completed	100%	100%	100%	100.0%	Completed
Total							100.00%	

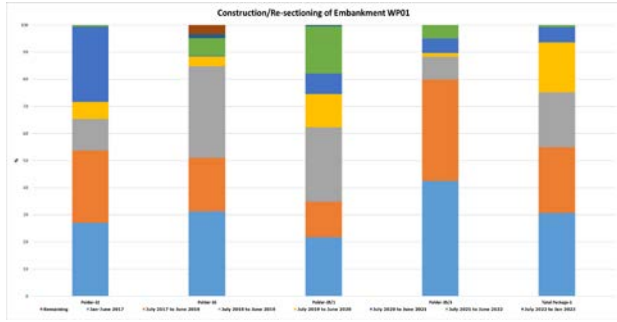


Figure 3-2: Construction/Re-sectioning of Embankment of Package-1

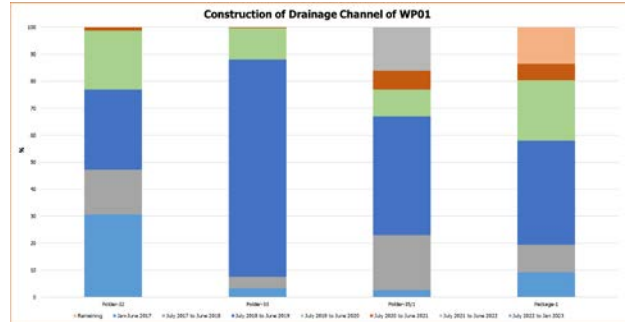


Figure 3-3: Drainage Channel of Package-1

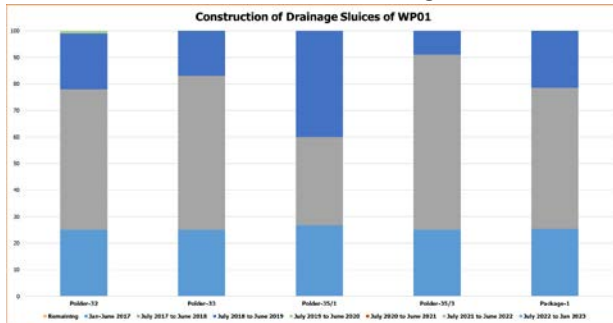


Figure 3-4: Construction of Drainage Sluices of Package-1

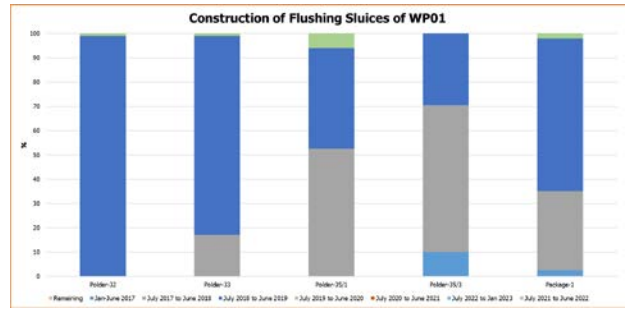


Figure 3-5: Construction of Flushing Sluice of Package-1

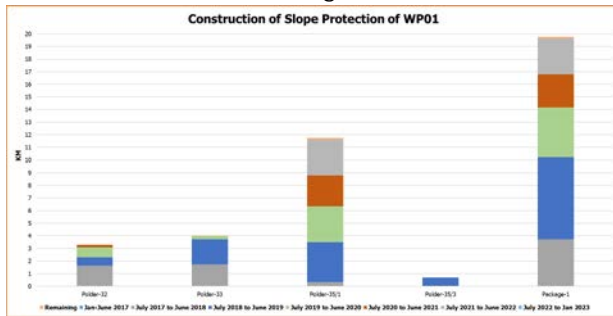


Figure 3-6: Construction of Slope Protection of Package-1

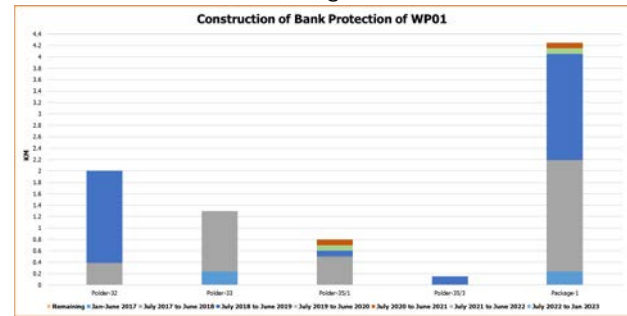


Figure 3-7: Construction of Bank Protection works of Package-1

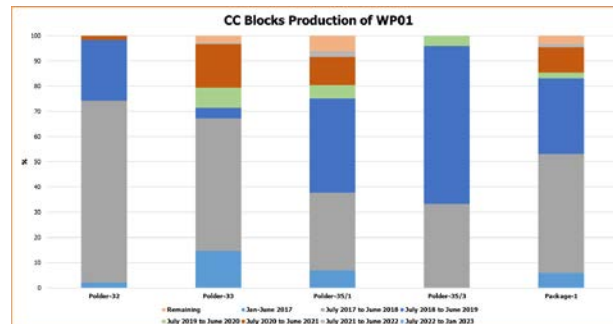


Figure 3-8: CC Blocks Production of Package-1

Table 3-32: CC Blocks Production as of January 2023

S.N.	Polder Number	As per Requirement	Cumulative Total as of 31 Dec 2022	Production during Jan 2023					Cumulative Total as of 31 Jan 2023
				40x40x40 (No)	40x40x20 (No)	30x30x30 (No)	40x40x30 (No)	Total (No)	
1	32	1,945,077	1,943,312	0	0	0	0	0	1,943,312
2	33	1,332,055	1,293,736	0	0	0	0	0	1,293,736
2	35/1	2,960,616	2,778,317	0	0	0	0	0	2,778,317
3	35/3	208,950	228,122	0	0	0	0	0	228,122
Total =		6,446,698	6,243,487	0	0	0	0	0	6,243,487



Figure 3-9: Completed DS of Polder-32



Figure 3-10: Completed Slope Protection Works in Polder-32



Figure 3-11: Nalian Closure Dam of Polder-32

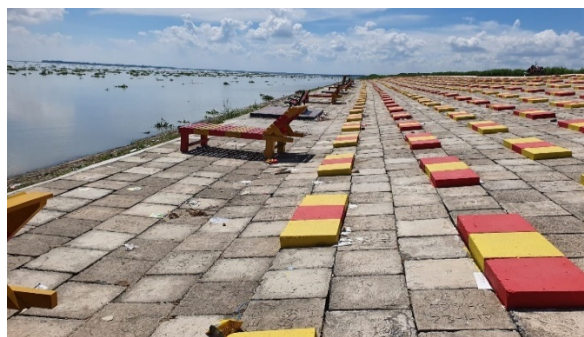


Figure 3-12: Completed Slope Protection Works in Polder-35/1



Figure 3-13: Nalian Closure Dam of Polder-32



Figure 3-14: Emergency Works of Polder-32



Figure 3-15: Completed Embankment of Polder-32



Figure 3-16: DS-6 of Polder-35/3

3.4.3 Staffing

In Table 3-33 below manpower deployment for Contract Package-1 is listed and sample check has been done by the Consultants.

Table 3-33: List of Polder-wise Manpower Deployed to the Site of Package-1

Sl. No.	Description	Sub-Total		Khulna		Polder 32		Polder 33		Polder 35/1		Polder 35/3	
		Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.
1	Management	3	0	1	0	1	0	0	0	1	0	0	0
2	Technical Staff	15	21	6	7	3	7	0	1	6	5	0	1
3	Operator/Driver	0	10	0	3	0	2	0	0	0	5	0	0
4	Skilled Worker	0	20	0	0	0	0	0	0	0	20	0	0
5	Common Labor	0	0	0	0	0	0	0	0	0	0	0	0
6	Logistic	0	0	0	0	0	0	0	0	0	0	0	0
Total		18	51	7	10	4	9	0	1	7	30	0	1

Source by Contractor

3.4.4 Finances of Contractor Package-1

Tentative Forecast of Payment for FY 2022-23 of Package-1 has been reflected in the following table.

Table 3-34: Tentative forecast of Payment for FY 2022-23 of Package-1

IPC No.	Month of Submission	Forecast Value of IPC in BDT	Remark
IPC-27	September 2022	199,508,865.16	IPC-27 was submitted to the Employer by the Engineer on 31 st July 2022 with recommendation for payment but the same was returned to the Engineer on 1 st August 2022 with some comments. Engineer has re-submitted the IPC-27 to the Employer on 19 th September 2022 with recommendation for payment and the payment has been made to the Contractor.
IPC-28	September 2022	162,886,471.00	IPC-28 was made ready by the Engineer to submit to the Employer, but Employer instructed over mobile not to send the said IPC to the PMU as the Extension of Time of Package-1 is not yet approved and CAR Insurance Policy is not extended which is a contractual obligation of the Contractor. Hence, IPC-28 is staying at the Engineer's Dhaka Office.
IPC-29	October 2022	450,000,000.00	IPC-29 has been submitted by the Contractor which is related to refund of retention money of polder 32 and 35/1 but that has not yet been processed as the CAR Insurance Policy is not extended which is a contractual obligation of the Contractor.
IPC-30	December 2022	200,179,767.00	IPS-30 has been submitted by the Contractor which is under review by the Engineer.
Total		813,066,238.00	

3.4.5 Emergency Works in Package-CEIP-1/W-01

The emergency works under this Package have taken up to close the breaching of existing embankment at some vulnerable locations. The main target of these emergency works was to stop the intrusion of saline water into the Polders to save the crops. In the Contract, there was a provision for an amount under Environmental Mitigation Works (Specified Provisional Sum). After exhaustion of the above-mentioned amount to meet up the cost of the rest emergency works, the expenditures are being meet up from the Physical & Price Contingencies (Emergency Work). The status of emergency works up to January 2023 is shown below.

Table 3-35: Summary of Emergency works under the head of “Environmental Mitigation Works”

SI.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-32	4.187	21,314,699
02	Polder-33	1.454	8,616,598
03	Polder-35/1	0.941	7,981,316
04	Polder-35/3	1.04	2,078,530
Total =		7.622	39,991,142

❖ Total available budget as per contract: BDT: 40,000,000

Table 3-36: Summary of Emergency works under the head of “Physical & Price Contingency (Emergency Work)”

SI. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-32	9.199	172,436,990
02	Polder-33	1.782	28,167,330
03	Polder-35/1	3.216	79,190,381
04	Polder-35/3	2.918	3,510,442
Total =		17.115	283,305,143

❖ Total available budget for Physical & Price Contingency (Emergency Works) as per Variation Order No.05 is BDT: 198,454,489.59.

Table 3-37: Details of Emergency Works under the head of “Environmental Mitigation Works”

Sl. No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
1.	Polder-32	18.840	19.960	1.120	Hatkhola	3-Mar-16	817,000.00	Environmental Mitigation Works	FY 2015-16
2.	Polder-32	7.561	7.991	0.430	Kalibari	14-Mar-16	1,307,000.00	Environmental Mitigation Works	FY 2015-16
3.	Polder-32	8.161	8.350	0.189	Kalibari	14-Mar-16	614,000.00	Environmental Mitigation Works	FY 2015-16
4.	Polder-32	8.491	8.628	0.137	Kalibari	14-Mar-16	1,009,000.00	Environmental Mitigation Works	FY 2015-16
5.	Polder-32	2.883	3.144	0.261	Gunari of Sutharkhali	20-Mar-16	972,969.00	Environmental Mitigation Works	FY 2015-16
6.	Polder-32	44.561	44.931	0.370	Sutarkhali	20-Mar-16	1,039,924.00	Environmental Mitigation Works	FY 2015-16
7.	Polder-32	12.393	12.693	0.300	Jaynagar	23-Mar-16	1,027,000.00	Environmental Mitigation Works	FY 2015-16
8.	Polder-32	16.680	16.900	0.220	Jhaliakhali of Kamarkhola	23-Mar-16	608,000.00	Environmental Mitigation Works	FY 2015-16
9.	Polder-32	18.575	18.690	0.115	Hatkhola	20-Apr-16	817,000.00	Environmental Mitigation Works	FY 2015-16
10.	Polder-32	8.140	8.217	0.077	Kalibari	22-Jan-17	256,000.00	Environmental Mitigation Works	FY 2016-17
11.	Polder-32	45.062	45.100	0.038	Shibsha River	27-Mar-17	631,551.00	Environmental Mitigation Works	FY 2016-17
12.	Polder-32	8.164	8.292	0.128	Sutarkhali	16-Apr-17	811,931.00	Environmental Mitigation Works	FY 2016-17
13.	Polder-32	19.179	19.236	0.057	Kamarkhola	24-Apr-17	460,436.32	Environmental Mitigation Works	FY 2016-17
14.	Polder-32	36.155	36.232	0.077	Sutarkhali	24-Apr-17	337,118.92	Environmental Mitigation Works	FY 2016-17
15.	Polder-32	43.118	43.147	0.029	Sutarkhali	24-Apr-17	103,342.00	Environmental Mitigation Works	FY 2016-17
16.	Polder-32	7.681	7.981	0.300	Sutarkhali	7-May-17	1,433,223.43	Environmental Mitigation Works	FY 2016-17
17.	Polder-32	44.907	44.935	0.028	Sutarkhali	11-May-17	108,959.00	Environmental Mitigation Works	FY 2016-17
18.	Polder-32	8.566	8.649	0.083	Sutarkhali	16-May-17	619,153.00	Environmental Mitigation Works	FY 2016-17
19.	Polder-32	8.030	8.160	0.130	Sutarkhali	5-Jun-17	639,091.00	Environmental Mitigation Works	FY 2016-17
20.	Polder-32	30.050	30.148	0.098	Sutarkhali	22-Jun-17	7,702,000.00	Environmental Mitigation Works	FY 2016-17
21.	Polder-33	17.447	17.547	0.100	Ramnagar	19-Jan-16	3,601,000.00	Environmental Mitigation Works	FY 2015-16

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Sl. No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
22.	Polder-33	48.800	48.875	0.075	Banisanta	15-Mar-16	1,175,520.00	Environmental Mitigation Works	FY 2016-17
23.	Polder-33	1.190	1.432	0.242	Banisanta	25-Mar-16	456,000.00	Environmental Mitigation Works	FY 2015-16
24.	Polder-33	0.130	0.280	0.150	Banisanta	2-Jun-16	386,000.00	Environmental Mitigation Works	FY 2015-16
25.	Polder-33	0.600	1.300	0.700	Banisanta	2-Jun-16	1,159,000.00	Environmental Mitigation Works	FY 2015-16
26.	Polder-33	48.800	48.875	0.075	Banisanta	15-Mar-17	1,175,520.00	Environmental Mitigation Works	FY 2016-17
27.	Polder-33	1.220	1.332	0.112	Baniashanta	25-May-17	663,558.00	Environmental Mitigation Works	FY 2016-17
28.	Polder-35/1	63.050	63.106	0.056	Morelgonj	1-Mar-16	1,317,000.00	Environmental Mitigation Works	FY 2015-16
29.	Polder-35/1	63.112	63.128	0.016	Same as 63.050 to 63.106	1-Mar-16	Cost is included in sl.28	Environmental Mitigation Works	FY 2015-16
30.	Polder-35/1	20.082	20.163	0.081	Sarankhola	1-Apr-16	100,000.00	Environmental Mitigation Works	FY 2015-16
31.	Polder-35/1	24.430	24.500	0.070	Sarankhola	23-Apr-17	1,793,272.30	Environmental Mitigation Works	FY 2016-17
32.	Polder-35/1	2.100	2.466	0.366	Baleswar	8-May-17	609,128.55	Environmental Mitigation Works	FY 2016-17
33.	Polder-35/1	24.673	24.864	0.191	Bogi	19-Jun-17	2,080,957.39	Environmental Mitigation Works	FY 2016-17
34.	Polder-35/1	24.703	24.864	0.161	Southkhali	21-Jun-17	2,080,957.39	Environmental Mitigation Works	FY 2016-17
35.	Polder-35/3	7.176	7.905	0.729	Panchamala of Dema	22-Mar-16	533,000.00	Environmental Mitigation Works	FY 2016-17
36.	Polder-35/3	9.558	9.597	0.039	Panchamala of Dema	22-Mar-16	23,000.00	Environmental Mitigation Works	FY 2016-17
37.	Polder-35/3	9.815	9.887	0.072	Panchamala of Dema	22-Mar-16	34,000.00	Environmental Mitigation Works	FY 2016-17
38.	Polder-35/3	29.865	29.965	0.100	Radhaballab	27-Mar-16	1,070,000.00	Environmental Mitigation Works	FY 2015-16
39.	Polder-35/3	3.394	3.494	0.100	MollikerBer	27-Apr-17	418,530.02	Environmental Mitigation Works	FY 2016-17
Total				7.662			39,991,142		

Table 3-38: Detailed of Emergency Works under the head of "Physical & Price Contingencies"

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
1.	Polder-32	2.805	2.850	0.045	Gunari of Sutharkhali	7-Jun-18	287,852.00	Physical & Price Contingency	FY 2017-18
2.	Polder-32	2.765	2.858	0.093	Gunari of Sutharkhali	1-Aug-18	474,946.00	Physical & Price Contingency	FY 2018-19
3.	Polder-32	3.093	3.633	0.540	Gunari of Sutharkhali	2-Aug-16	277,000.00	Physical & Price Contingency	FY 2016-17
4.	Polder-32	3.130	3.180	0.050	Gunari of Sutharkhali	11-Sep-17	317,883.95	Physical & Price Contingency	FY 2017-18
5.	Polder-32	3.103	3.241	0.138	Gunari of Sutharkhali	31-Oct-16	593,800.00	Physical & Price Contingency	FY 2016-17
6.	Polder-32	7.540	7.620	0.080	Gunari of Sutharkhali	12-Oct-22	56,489,750.88	Physical & Price Contingency	FY 2022-23
7.	Polder-32	7.620	7.860	0.240	Gunari of Sutharkhali	12-Oct-22	0.00	Physical & Price Contingency	FY 2022-23
8.	Polder-32	8.060	8.100	0.040	Kalibari	18-Nov-17	77,000.00	Physical & Price Contingency	FY 2018-19
9.	Polder-32	8.321	8.414	0.093	Kalibari	1-May-17	530,000.00	Physical & Price Contingency	FY 2017-18
10.	Polder-32	8.350	8.385	0.035	Kalibari	1-Dec-16	60,000.00	Physical & Price Contingency	FY 2016-17
11.	Polder-32	8.586	8.729	0.143	Kamarkhola	27-Aug-17	922,055.59	Physical & Price Contingency	FY 2017-18
12.	Polder-32	8.600	8.670	0.070	Kalibari	26-Jun-17	150,000.00	Physical & Price Contingency	FY 2017-18
13.	Polder-32	8.650	8.713	0.063	Kamarkhola	6-Jul-17	113,492.00	Physical & Price Contingency	FY 2017-18
14.	Polder-32	13.604	13.644	0.040	Sutarkhali	21-Aug-17	311,091.06	Physical & Price Contingency	FY 2017-18
15.	Polder-32	14.400	14.900	0.500	Precautionary	12-Oct-22	33,961,569.85	Physical & Price Contingency	FY 2012-23
16.	Polder-32	16.800	17.100	0.300	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23
17.	Polder-32	18.600	19.200	0.600	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23
18.	Polder-32	42.990	43.100	0.110	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23
19.	Polder-32	44.400	44.600	0.200	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23
20.	Polder-32	45.900	46.126	0.226	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
21.	Polder-32	47.000	47.050	0.050	Precautionary	12-Oct-22		Physical & Price Contingency	FY 2012-23
22.	Polder-32	16.078	16.326	0.248	Jhaliakhali of Kamarkhola	25-Jul-17	1,181,802.00	Physical & Price Contingency	FY 2017-18
23.	Polder-32	16.030	16.300	0.270	Jhaliakhali of Kamarkhola	25-Mar-18	1,033,085.00	Physical & Price Contingency	FY 2017-18
24.	Polder-32	16.078	16.326	0.248	Jhaliakhali of Kamarkhola	28-Sep-17	1,154,217.71	Physical & Price Contingency	FY 2017-18
25.	Polder-32	16.135	16.395	0.260	Jhaliakhali of Kamarkhola	5-Jun-18	1,712,969.00	Physical & Price Contingency	FY 2017-18
26.	Polder-32	16.240	16.300	0.060	Jhaliakhali of Kamarkhola	25-May-18	30,358.00	Physical & Price Contingency	FY 2017-18
27.	Polder-32	16.298	16.525	0.227	Jaliakhali	7-May-16	1,200,000.00	Physical & Price Contingency	FY 2017-18
28.	Polder-32	16.325	16.398	0.073	Jaliakhali	18-Oct-18	706,605.00	Physical & Price Contingency	FY 2018-19
29.	Polder-32	16.514	16.639	0.125	Same amount of Ch. 16.325 to Km 16.398	18-Oct-18	0.00	Physical & Price Contingency	FY 2018-19
30.	Polder-32	16.400	16.445	0.045	Jhaliakhali of Kamarkhola	1-Aug-18	258,751.00	Physical & Price Contingency	FY 2018-19
31.	Polder-32	16.504	16.592	0.088	Jhaliakhali of Kamarkhola	4-Jun-18	539,967.00	Physical & Price Contingency	FY 2017-18
32.	Polder-32	18.787	19.117	0.330	Hatkhola	3-May-20	1,928,199.75	Physical & Price Contingency	FY 2019-20
33.	Polder-32	19.150	19.225	0.075	Kamarkhola	5-Apr-17	40,000.00	Physical & Price Contingency	FY 2017-18
34.	Polder-32	19.165	19.265	0.100	Kamarkhola	2-Aug-16	625,000.00	Physical & Price Contingency	FY 2017-18
35.	Polder-32	19.141	19.277	0.136	Kamarkhola	22-Aug-17	122,307.32	Physical & Price Contingency	FY 2017-18
36.	Polder-32	24.759	24.859	0.100	Sharankhola	14-Nov-16	1,859,614.00	Physical & Price Contingency	FY 2017-18
37.	Polder-32	25.659	25.719	0.060	Kamarkhola	17-Nov-16	415,302.00	Physical & Price Contingency	FY 2016-17
38.	Polder-32	30.568	30.618	0.050	Sutarkhali	18-Oct-18	90,967.00	Physical & Price Contingency	FY 2018-19
39.	Polder-32	30.890	31.082	0.192	Sutarkhali	7-May-20	1,132,902.26	Physical & Price Contingency	FY 2019-20

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
40.	Polder-32	30.905	31.070	0.165	Sutarkhali	1-Oct-19	1,153,060.25	Physical & Price Contingency	FY 2019-20
41.	Polder-32	31.345	31.387	0.042	Sutarkhali	27-Apr-17	84,867.18	Physical & Price Contingency	FY 2017-18
42.	Polder-32	36.179	36.268	0.089	Sutarkhali	22-Jun-17	164,657.00	Physical & Price Contingency	FY 2016-17
43.	Polder-32	36.317	36.365	0.048	Sutarkhali	1-Aug-18	307,884.00	Physical & Price Contingency	FY 2018-19
44.	Polder-32	36.225	36.341	0.116	Sutarkhali	11-Aug-18	150,000.00	Physical & Price Contingency	FY 2017-18
45.	Polder-32	41.570	41.620	0.050	Sutarkhali	22-May-18	468,884.00	Physical & Price Contingency	FY 2017-18
46.	Polder-32	42.900	43.150	0.250	Sutarkhali	6-Oct-22	42,802,152.56	Physical & Price Contingency	FY 2022-23
47.	Polder-32	44.300	44.500	0.200	Sutarkhali	6-Oct-22		Physical & Price Contingency	FY 2022-23
48.	Polder-32	47.010	47.110	0.100	Sutarkhali	6-Oct-22		Physical & Price Contingency	FY 2022-23
49.	Polder-32	7.660	7.820	0.160	Sutarkhali	6-Oct-22		Physical & Price Contingency	FY 2022-23
50.	Polder-32	43.005	43.110	0.105	Thursday Bazar, Sutarkhali	9-Mar-21	6,202,295.02	Physical & Price Contingency	FY 2020-21
51.	Polder-32	43.115	43.155	0.040	Thursday Bazar, Sutarkhali	1-Aug-18	129,624.00	Physical & Price Contingency	FY 2018-19
52.	Polder-32	44.900	45.120	0.220	Sutarkhali	20-Aug-18	508,047.00	Physical & Price Contingency	FY 2018-19
53.	Polder-32	44.957	45.083	0.126	Kalabogi	1-May-16	926,000.00	Physical & Price Contingency	FY 2018-19
54.	Polder-32	44.575	44.826	0.251	Kalabogi	23-Jun-19	2,706,997.00	Physical & Price Contingency	FY 2018-19
55.	Polder-32	45.506	45.518	0.012	Kalabogi	10-May-17	32,000.00	Physical & Price Contingency	FY 2017-18
56.	Polder-32	45.620	45.860	0.240	Kalabogi	7-May-20	6,863,723.28	Physical & Price Contingency	FY 2019-20
57.	Polder-32	45.549	45.731	0.182	Sutarkhali	12-Jul-17	1,338,310.00	Physical & Price Contingency	FY 2017-18
58.	Polder-33	1.086	1.127	0.041	Banishanta	19-Sep-17	432,185.30	Physical & Price Contingency	FY 2017-18
59.	Polder-33	1.155	1.184	0.029	Same as 1.086 to 1.127	19-Sep-17	0.00	Physical & Price Contingency	FY 2017-18
60.	Polder-33	0.005	0.060	0.055	Banishanta	1-Jun-17	344,069.00	Physical & Price Contingency	FY 2016-17

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
61.	Polder-33	1.070	1.116	0.046	Dhangmari	25-May-17	31,798.00	Physical & Price Contingency	FY 2017-18
62.	Polder-33	1.200	1.242	0.042	Baniashanta	20-Aug-18	294,835.00	Physical & Price Contingency	FY 2018-19
63.	Polder-33	0.235	0.280	0.045	Baniashanta	13-Aug-18	416,831.00	Physical & Price Contingency	FY 2018-19
64.	Polder-33	17.465	17.595	0.130	Ramnagar	1-Aug-16	465,000.00	Physical & Price Contingency	FY 2016-17
65.	Polder-33	21.730	21.800	0.070	Dacope	11-Aug-18	464,469.00	Physical & Price Contingency	FY 2018-19
66.	Polder-33	30.742	30.853	0.111	Banishanta	12-Oct-22	18,737,594.33	Physical & Price Contingency	FY 2022-23
67.	Polder-33	48.575	48.658	0.083	Banishanta	16-Aug-16	594,000.00	Physical & Price Contingency	FY 2017-18
68.	Polder-33	48.653	48.741	0.088	Banisanta	13-Aug-18	1,172,456.00	Physical & Price Contingency	FY 2018-19
69.	Polder-33	48.767	48.836	0.069	Same amount of Ch. 48.653 to 48.741	13-Aug-18	0.00	Physical & Price Contingency	FY 2018-19
70.	Polder-33	48.892	48.972	0.080	Banisanta	11-Sep-18	497,585.00	Physical & Price Contingency	FY 2018-19
71.	Polder-33	48.850	49.100	0.250	Banisanta	16-May-18	1,480,308.98	Physical & Price Contingency	FY 2017-18
72.	Polder-33	48.866	49.020	0.154	Banisanta	22-Jul-19	886,667.79	Physical & Price Contingency	FY 2019-20
73.	Polder-33	48.868	49.087	0.219	Banisanta	1-Aug-18	597,128.00	Physical & Price Contingency	FY 2018-19
74.	Polder-33	48.930	49.050	0.120	Banisanta	24-Aug-16	880,283.00	Physical & Price Contingency	FY 2016-17
75.	Polder-33	49.000	49.045	0.045	Banisanta	10-Oct-17	224,000.00	Physical & Price Contingency	FY 2018-19
76.	Polder-33	49.022	49.099	0.077	Banisanta	11-Oct-17	337,240.00	Physical & Price Contingency	FY 2018-19
77.	Polder-33	49.047	49.075	0.028	Banisanta	21-Sep-17	310,880.00	Physical & Price Contingency	FY 2018-19
78.	Polder-35/1	10.950		0.000	Sarankhola	28-Jul-22	264,822.39	Physical & Price Contingency	FY 2022-23
79.	Polder-35/1	20.020	20.308	0.288	Sarankhola	1-Jul-16	2,800,000.00	Physical & Price Contingency	FY 2017-18
80.	Polder-35/1	23.812	24.014	0.202	Southkhali	24-Apr-18	5,394,032.65	Physical & Price Contingency	FY 2017-18
81.	Polder-35/1	23.750	23.910	0.160	Bagi	28-Jul-19	8,088,391.80	Physical & Price Contingency	FY 2019-20

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
82.	Polder-35/1	23.788	23.823	0.035	Southkhali	10-Jan-18	290,938.46	Physical & Price Contingency	FY 2018-19
83.	Polder-35/1	23.967	25.190	1.223	Southkhali	11-Jul-19	6,782,023.55	Physical & Price Contingency	FY 2019-20
84.	Polder-35/1	23.988	24.028	0.040	Sarankhola	24-May-18	355,507.00	Physical & Price Contingency	FY 2018-19
85.	Polder-35/1	23.988	24.028	0.040	Sarankhola	10-Jan-19	257,635.10	Physical & Price Contingency	FY 2018-19
86.	Polder-35/1	24.094	24.154	0.060	Sarankhola	10-Jan-19	535,364.22	Physical & Price Contingency	FY 2018-19
87.	Polder-35/1	24.252	24.329	0.077	Southkhali	29-Jul-18	1,961,705.54	Physical & Price Contingency	FY 2018-19
88.	Polder-35/1	24.273	24.340	0.067	Southkhali	27-Nov-17	1,370,419.82	Physical & Price Contingency	FY 2017-18
89.	Polder-35/1	24.400	24.457	0.057	Sarankhola	1-Aug-16	812,000.00	Physical & Price Contingency	FY 2016-17
90.	Polder-35/1	24.366	24.454	0.088	Bagi	30-Oct-17	11,372,087.83	Physical & Price Contingency	FY 2017-18
91.	Polder-35/1	24.475	24.537	0.062	Bagi	19-Sep-17	761,484.52	Physical & Price Contingency	FY 2016-17
92.	Polder-35/1	24.525	24.605	0.080	Bagi	9-May-18	6,539,821.57	Physical & Price Contingency	FY 2017-18
93.	Polder-35/1	24.594	24.666	0.072	Bagi	30-Oct-17	1,352,571.65	Physical & Price Contingency	FY 2017-18
94.	Polder-35/1	24.815	24.913	0.098	Sarankhola	12-Mar-19	2,355,290.74	Physical & Price Contingency	FY 2018-19
95.	Polder-35/1	24.528	24.598	0.070	Sarankhola	12-Mar-19	445,810.12	Physical & Price Contingency	FY 2018-19
96.	Polder-35/1	24.164	24.251	0.087	Sarankhola	16-May-18	11,847,015.74	Physical & Price Contingency	FY 2017-18
97.	Polder-35/1	23.788	23.833	0.045	Sarankhola	16-Aug-18	535,205.00	Physical & Price Contingency	FY 2018-19

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
98.	Polder-35/1	24.590	24.765	0.175	Southkhali	12-Sep-18	12,063,945.09	Physical & Price Contingency	FY 2018-19
99.	Polder-35/1	24.759	24.859	0.100	Southkhali	30-Nov-17	1,801,033.32	Physical & Price Contingency	FY 2017-18
100.	Polder-35/1	24.865	24.955	0.090	Southkhali	3-Dec-17	1,203,275.08	Physical & Price Contingency	FY 2017-18
101.	Polder-35/3	0.127	0.168	0.041	MollikerBer	27-Jul-16	250,000.00	Physical & Price Contingency	FY 2016-17
102.	Polder-35/3	0.130	0.170	0.040	MollikerBer	7-May-17	287,000.00	Physical & Price Contingency	FY 2017-18
103.	Polder-35/3	2.826	2.948	0.122	MollikerBer	27-Apr-17	208,850.00	Physical & Price Contingency	FY 2017-18
104.	Polder-35/3	5.500	5.570	0.070	Basbaria	25-Jul-17	20,270.00	Physical & Price Contingency	FY 2018-19
105.	Polder-35/3	7.000	7.007	0.007	Panchamala of Dema	5-Jul-17	14,000.00	Physical & Price Contingency	FY 2018-19
106.	Polder-35/3	9.867	9.917	0.050	MollikerBer	22-Mar-16	26,000.00	Physical & Price Contingency	FY 2016-17
107.	Polder-35/3	9.873	10.083	0.210	Panchamala of Dema	23-Jul-18	135,916.00	Physical & Price Contingency	FY 2018-19
108.	Polder-35/3	9.900	10.050	0.150	Dema	7-May-17	446,761.94	Physical & Price Contingency	FY 2016-17
109.	Polder-35/3	10.000	10.040	0.040	Panchamala of Dema	19-Jul-17	45,269.00	Physical & Price Contingency	FY 2017-18
110.	Polder-35/3	10.040	10.085	0.045	Panchamala of Dema	18-Jul-17	51,276.00	Physical & Price Contingency	FY 2017-18
111.	Polder-35/3	10.085	10.120	0.035	Panchamala of Dema	19-Aug-17	39,819.00	Physical & Price Contingency	FY 2018-19
112.	Polder-35/3	10.120	10.160	0.040	Panchamala of Dema	20-Aug-17	45,269.00	Physical & Price Contingency	FY 2018-19
113.	Polder-35/3	13.055	13.155	0.100	Radhabollov of Karapara	23-Jul-18	151,106.00	Physical & Price Contingency	FY 2018-19
114.	Polder-35/3	13.283	13.315	0.032	Same amount of ch. 13.055 to 13.155	23-Jul-18		Physical & Price Contingency	FY 2018-19
115.	Polder-35/3	13.345	13.400	0.055	Same amount of ch. 13.055 to 13.155	23-Jul-18		Physical & Price Contingency	FY 2018-19
116.	Polder-35/3	13.209	13.242	0.033	Radhaballab	8-Oct-16	145,000.00	Physical & Price Contingency	FY 2017-18

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-1)

SL.No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of locations	Engineer Approved Date	Estimated Cost in BDT	Head of Expenditure	FY Year
117.	Polder-35/3	13.343	13.366	0.023	Same as 13.209 to 13.242	8-Oct-16		Physical & Price Contingency	FY 2017-18
118.	Polder-35/3	13.483	13.510	0.027	Same as 13.209 to 13.242	8-Oct-16		Physical & Price Contingency	FY 2017-18
119.	Polder-35/3	13.110	13.148	0.038	Radhabollov	3-Jun-17	379,048.09	Physical & Price Contingency	FY 2016-17
120.	Polder-35/3	13.569	13.602	0.033	Same as 13.110 to 13.148	3-Jun-17	0.00	Physical & Price Contingency	FY 2016-17
121.	Polder-35/3	13.350	13.387	0.037	Bagerhat	18-Sep-17	268,708.79	Physical & Price Contingency	FY 2017-18
122.	Polder-35/3	13.067	13.187	0.120	Radhaballab	27-Mar-16	320,000.00	Physical & Price Contingency	FY 2015-16
123.	Polder-35/3	13.573	13.610	0.037	Radhaballab	27-Mar-16	123,000.00	Physical & Price Contingency	FY 2015-16
124.	Polder-35/3	29.600	29.700	0.100	Khagraghat	26-Aug-17	20,197.50	Physical & Price Contingency	FY 2018-19
125.	Polder-35/3	29.800	29.950	0.150	Same as Ch. 29.600 to 29.700	26-Aug-17		Physical & Price Contingency	FY 2018-19
126.	Polder-35/3	30.000	30.070	0.070	Rampal	12-Jun-17	17,000.00	Physical & Price Contingency	FY 2017-18
127.	Polder-35/3	33.050	33.090	0.040	Betbunia	17-Dec-19	243,043.52	Physical & Price Contingency	FY 2019-20
128.	Polder-35/3	36.625	36.665	0.040	Rampal	31-Aug-16		Physical & Price Contingency	FY 2016-17
129.	Polder-35/3	37.130	37.325	0.195	MollikerBer	19-Jul-17	30,064.00	Physical & Price Contingency	FY 2018-19
130.	Polder-35/3	37.500	37.550	0.050	Rampal	17-Jul-17	9,543.00	Physical & Price Contingency	FY 2017-18
131.	Polder-35/3	37.624	37.774	0.150	MollikerBer	17-Jul-17	34,000.00	Physical & Price Contingency	FY 2017-18
132.	Polder-35/3	38.585	38.904	0.319	MollikerBer	28-Aug-16	158,010.00	Physical & Price Contingency	FY 2016-17
133.	Polder-35/3	38.560	38.980	0.420	MollikerBer	20-Jul-17	41,290.00	Physical & Price Contingency	FY 2017-18

3.5 Task C: Supervise Construction & Administer Contract of Package-2

3.5.1 Introduction

The MPR covers all major site activities executed in each of the six Polders up to 31st January 2023. The Contract was signed on 8th March 2017 for the execution of Rehabilitation/ Reconstruction and upgrading of six (6) Polders in total, namely Polder 39/2C, 40/2, 41/1, 43/2C, 47/2 and Polder 48 under CEIP-1 (Contract No: CEIP-1/W-02).

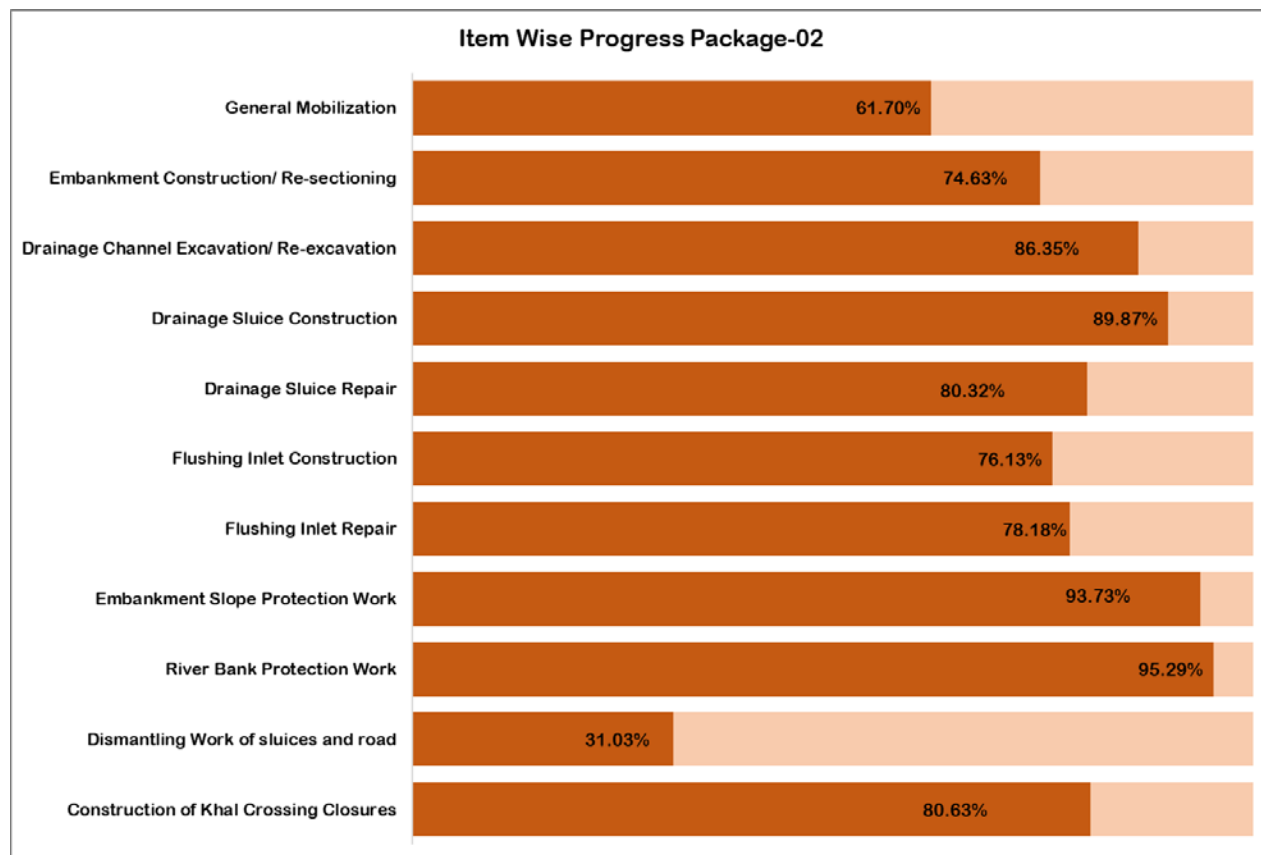


Figure 3-17: Item Wise Progress of Package-2

3.5.2 Physical Progress (Milestone Matrix)

Table 3-39: Physical Works Status of Package-02 as of January 2023

Item	Unit	RF Target	Revised Quantity	Tentative Program FY 2022-2023		Cumulative upto June 2021		Cumulative upto 31 Dec 2022		Current Month		Cumulative upto 31 Jan 2023		Cumulative During FY 2022-23	
				Full	Part	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed	Completed	Partially Completed
1	2	3	4	5	6	7	8	9	10	11=(13-9)	12	13	14	15=(13-7)	16
General Mobilization	LS	-	-			61.70%		61.70%		0.00%		61.70%		0.00%	
Embankment Construction/Re-sectioning	Km	208.051	208.093			127.073	12.155	140.492	10.400	9.683	17.982	150.175	17.982	23.10	17.982
						74.27%		73.06%		1.57%		74.63%		0.36%	
Drainage Channel Excavation/Re-excavation	Km	154.630	154.931			107.831	0.000	107.831	0.000	0.416	0.000	108.247	0	0.42	0.00
						77.39%		85.25%		1.10%		86.35%		8.96%	
Drainage Sluice Construction	No.	50	52			32	16	38	11	2	9	40	9	8	9
						89.66%		89.35%		0.51%		89.87%		0.20%	
Drainage Sluice Repair	No.	6	6			0	3	0	3	0	3	0	3	0	3
						64.75%		80.15%		0.16%		80.32%		15.56%	
Flushing Inlet Construction	No.	50	51			20	16	24	15	3	14	27	14	7	14
						71.37%		73.03%		3.10%		76.13%		4.76%	
Flushing Inlet Repair	No.	30	32			1	28	1	29	0	29	1	29	0	29
						84.98%		78.07%		0.10%		78.18%		-6.81%	
Embankment Slope Protection Work	Km	9.480	9.626			4.421	-	5.497	-	0.020	-	5.517	-	1.096	0.00
						83.48%		90.87%		2.86%		93.73%		10.25%	
River Bank Protection Work	Km	4.920	5.691			5.274	-	5.274	-	0.000	-	5.274	-	0.000	0.00
						93.71%		95.27%		0.03%		95.29%		1.58%	
Construction of Road Pavement	Km		0.00			-	-	-	-	-	-	-	-	-	-
Construction of RCC Flood Wall	Km		0.00			-	-	-	-	-	-	-	-	-	-
Closure Dam Construction	No.		8	7		5 nos. completed	1 nos. ongoing 67.13% completed	5 nos. completed	2 nos. ongoing 75.09% completed	0 no. Completed	1 no. ongoing 80.63% completed	6 nos. completed	1 no. ongoing 80.63% completed	1 no. completed	1 no. ongoing 80.63% completed

Table 3-40: Polder wise Physical Works status of Package-2 as of January 2023

Package No	Polder No	Progress for Construction of Drainage sluices							Progress for Construction of Flushing Sluices								
		Number of DS	Dropped	Revised target of DS	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.	Number of FS	Dropped	Revised target of FS	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation
2	39/2C	13	0	13	8	3	2	82.65%	7	23	2	21	3	9	9	46.73%	1
	40/2	10	0	10	7	2	1	87.60%	7	14	7	7	3	4	0	91.43%	3
	41/1	10	0	10	9	1	0	92.20%	9	16	6	10	9	1	0	99.63%	9
	43/2C	8	0	8	6	2	0	99.34%	5	15	8	7	6	0	1	85.71%	6
	47/2	4	0	4	4	0	0	100.00%	2	5	2	3	3	0	0	100.00%	2
	48	7	0	7	6	1	0	93.54%	6	3	0	3	3	0	0	100.00%	2
	Total	52	0	52	40	9	3	89.87%	36	76	25	51	27	14	10	76.13%	23

Package No	Polder No	Progress for Repair of Drainage Sluices							Progress for Repair of Flushing Sluices								
		Number of DS	Number of Dropped	Revised target of DS Repair	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.	Number of FS	Number of Dropped	Revised target of FS Repair	100% Completed	Ongoing	Yet to Start	Overall Progress (%)	Sluice in operation.
2	39/2C	0	0	0	0	0	0	NA	0	0	0	0	0	0	0	NA	0
	40/2	3	0	3	0	1	2	29.92%	0	12	1	11	0	11	0	89.43%	0
	41/1	0	0	0	0	0	0	NA	0	13	1	12	1	10	1	76.98%	1
	43/2C	0	0	0	0	0	0	NA	0	7	0	7	0	6	1	78.21%	0
	47/2	0	0	0	0	0	0	NA	0	2	0	2	0	2	0	92.50%	0
	48	3	0	3	0	2	1	57.50%	0	0	0	0	0	0	0	NA	0
	Total	6	0	6	0	3	3	80.32%	0	34	2	32	1	29	2	78.18%	1

Package No	Polder No	Progress for Bank Protection Work			Summary of Slope Protection Work			Progress for Excavation / Re-excavation of Drainage Channel				Summary of CC Block Production Status			Construction of Closure Dam		
		Target Length (Km)	Completed Length (Km)	% Completed	Target Length (Km)	Completed Length (Km)	% Completed	Number of Canals	RF Target Length (Km)	Completed Length (Km)	% Completed	Target Quantity	Production Quantity	% Completed	Target (No)	Completed (No)	Ongoing (No)
Package 2	39/2C	3.787	3.500	92.42%	4.000	1.09	27.22%	11	57.23	34.08	59.55%	5,324,023	5,019,369	94.28%	8	6	1
Package 2	40/2	0.000	0.000	NA	1.137	1.01	88.65%	11	4.23	1.83	43.25%	437,858	401,914	91.79%	0	0	NA
Package 2	41/1	0.674	0.674	100.00%	0.000	0.00	NA	8	23.13	8.80	38.05%	592,665	572,306	96.56%	0	0	NA
Package 2	43/2C	0.540	0.540	100.00%	0.261	0.00	0.00%	8	28.26	21.46	75.93%	432,997	428,189	98.89%	0	0	NA
Package 2	47/2	0.690	0.560	81.16%	0.000	0.00	NA	4	9.17	9.17	100.00%	487,243	436,327	89.55%	0	0	NA
Package 2	48	0.000	0.000	NA	4.228	3.42	80.89%	11	32.91	32.91	100.00%	595,414	576,409	96.81%	0	0	NA
	Package 2	5.691	5.274	95.29%	9.626	5.517	93.73%	53	154.931	108.247	86.35%	7,870,200	7,434,514	94.46%	8	6	1

Package No	Polder No	Progress of Construction / Re-sectioning of Embankment							Partly Completed							
		Target Length (Km)	Completed Length (Km)	% Completed	New Emb. Length (Km)	Completed New Emb. Length (Km)	% Completed	Resectioning Length (Km)	Completed Resectioning Length (Km)	% Completed	Retd. Emb. Length (Km)	Completed Retd. Emb. Length (Km)	% Completed	New Emb. Length (Km)	Resectioning Length (Km)	Retd. Emb. Length (Km)
Package 2	39/2C	59.250	37.132	62.67%	59.25	37.13	62.67%	0.00	0.00	NA	0.00	0.00	NA	2.830	0.000	0.000
Package 2	40/2	34.200	21.450	62.72%	0.00	0.00	NA	34.20	21.45	62.72%	0.00	0.00	NA	0.000	0.850	0.000
Package 2	41/1	33.571	29.311	87.31%	0.00	0.00	NA	31.27	28.47	91.05%	2.30	0.84	36.52%	0.000	0.000	1.200
Package 2	43/2C	25.505	18.578	72.84%	0.00	0.00	NA	20.60	15.58	75.62%	4.60	3.00	65.22%	0.000	1.126	0.000
Package 2	47/2	17.567	17.567	100.00%	0.00	0.00	NA	16.24	16.24	100.00%	1.33	1.33	100.00%	0.000	0.000	0.000
Package 2	48	38.000	26.137	68.78%	0.00	0.00	NA	38.00	26.14	68.78%	0.00	0.00	NA	0.000	11.976	0.000
	Package 2	208.093	150.175	74.63%	59.250	37.132	62.67%	140.308	107.873	76.88%	8.23	5.17	62.82%	2.830	13.952	1.200

Table 3-41: Chainage wise Detailed Information of Construction of Embankment for Package-2

#	Polder	Location	Status of Work	Length (Km)	Starting Chainage (Km)	End Chainage (Km)	Type of Work (New/ Retd./ Resectioning)	LA Problem	LA - Current Status	Required Earthwork Quantity (Cum)	Completed Earthwork Quantity (Cum)	Required Dressing & Turfing (Sqm)	Completed Dressing and turfing (Sqm)	Completed Earthwork %	Completed Dressing and turfing %	Progress as of Jan 2023	Completed Length (km)	Partly Completed Length (km)	Remarks
Package 2																			
1	39/2C	Bandharia	Yet to Start	1.100	0.000	1.100	New	Yes	Possession Received	21,100				0.00%	0.00%	0.00%			Program for the year 2022-23
2	39/2C	Pirojpur	Ongoing	4.063	1.100	5.163	New	Yes	Possession Received	90,518	81,466	62,978	37,786	90.00%	60.00%	87.60%	3.500	0.000	Work in Progress
3	39/2C	Pirojpur	Yet to Start	1.237	5.163	6.400	New	Yes	Possession Received	32,300				0.00%	0.00%	0.00%			Program for the year 2022-23
4	39/2C	Pirojpur	Ongoing	1.400	6.400	7.800	New	Yes	Possession Received	33,851	33,851	19,031	7,972	100.00%	41.89%	95.35%	1.400	0.000	Work in Progress
5	39/2C	Jalukhathi	Ongoing	2.450	7.800	10.250	New	Yes	Possession Received	64,200	59,000	35,305	16,400	91.90%	46.45%	88.26%	2.250	0.040	Work in Progress
6	39/2C	Jalukhathi	Ongoing	2.150	10.250	12.400	New	Yes	Possession Received	49,888	42,405	31,327	12,550	85.00%	40.06%	81.41%	1.850	0.000	Work in Progress
7	39/2C	Pirojpur	Ongoing	3.200	12.400	15.600	New	Yes	Possession Received	125,594	77,000	46,705	25,000	61.31%	53.53%	60.69%	1.950	0.100	Work in Progress
8	39/2C	Pirojpur	Ongoing	3.700	15.600	19.300	New	Yes	Possession Received	110,095	73,000	58,588	25,300	66.31%	43.18%	64.46%	2.350	0.200	Work in Progress
9	39/2C	Pirojpur	Ongoing	2.050	19.300	21.350	New	Yes	Possession Received	65,751	16,225	16,688	-	24.68%	0.00%	22.70%	0.350	1.000	Work in Progress
10	39/2C	Pirojpur	Ongoing	3.350	21.350	24.700	New	Yes	Possession Received	85,801	71,500	49,590	-	83.33%	0.00%	76.67%	2.900	0.000	Work in Progress
11	39/2C	Pirojpur	Ongoing	5.300	24.700	30.000	New	Yes	Possession Received	166,860	104,550	68,600	8,400	62.66%	12.24%	58.62%	4.340	0.000	Work in Progress
12	39/2C	Pirojpur	Ongoing	3.600	30.000	33.600	New	Yes	Possession Received	116,343	93,074	44,444	-	80.00%	0.00%	73.60%	2.600	0.000	Work in Progress
13	39/2C	Pirojpur	Ongoing	3.000	33.600	36.600	New	Yes	Possession Received	94,450	25,200	51,130	-	26.68%	0.00%	24.55%	0.800	0.000	Work in Progress
14	39/2C	Pirojpur	Ongoing	2.400	36.600	39.000	New	Yes	Possession Received	145,448	135,000	55,200	34,800	92.82%	63.04%	90.43%	1.700	0.190	Work in Progress
15	39/2C	Pirojpur	Ongoing	4.775	39.000	43.775	New	Yes	Possession Received	86,122	12,500		-	14.51%	0.00%	13.35%	0.450	1.000	Work in Progress
8	39/2C	Pirojpur	Ongoing	3.475	43.775	47.250	New	Yes	Possession Received	218,935	150,072	83,400	57,171	68.55%	68.55%	68.55%	2.382	0.000	Work in Progress
9	39/2C	Pirojpur	Ongoing	1.090	47.250	48.340	New	Yes	Possession Received	34,292	27,430	14,650	12,200	79.99%	83.28%	80.25%	0.850	0.100	Work in Progress
10	39/2C	Junia, Pirojpur	Ongoing	2.210	48.340	50.550	New	No	do	151,000	151,000	13,600	6,000	100.00%	44.12%	95.53%	2.210	0.000	Work in Progress
11	39/2C	Junia, Pirojpur	Ongoing	3.450	50.550	54.000	New	No	do	101,267	63,000	71,464	35,600	62.21%	49.82%	61.22%	2.150	0.000	Work in Progress
12	39/2C	Junia, Pirojpur	Ongoing	0.800	54.000	54.800	New	No	do	44,500	44,500	16,483	15,100	100.00%	91.61%	99.33%	0.800	0.000	Work in Progress
13	39/2C	Junia, Pirojpur	Ongoing	0.300	54.800	55.100	New	No	do	18,300	18,300	7,700	6,700	100.00%	87.01%	98.96%	0.300	0.000	Work in Progress
14	39/2C	Junia, Pirojpur	Ongoing	0.850	55.100	55.950	New	No	do	36,701	36,701	16,578	15,500	100.00%	93.50%	99.48%	0.850	0.000	Work in Progress
15	39/2C	Pirojpur	Ongoing	0.550	55.950	56.500	New	No	do	65,687	52,549	11,294	8,500	80.00%	75.26%	79.62%	0.450	0.100	Work in Progress
16	39/2C	Pirojpur	Ongoing	2.750	56.500	59.250	New	Yes	do	86,515	21,950	52,427	-	25.37%	0.00%	23.34%	0.700	0.100	Work in Progress

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#	Polder	Location	Status of Work	Length (Km)	Starting Chainage (Km)	End Chainage (Km)	Type of Work (New/ Retd./ Resectioning)	LA Problem	LA - Current Status	Required Earthwork Quantity (Cum)	Completed Earthwork Quantity (Cum)	Required Dressing & Turfing (Sqm)	Completed Dressing and turfing (Sqm)	Completed Earthwork %	Completed Dressing and turfing %	Progress as of Jan 2023	Completed Length (km)	Partly Completed Length (km)	Remarks
17	40/2	Pathargata Mouza	Completed	1.240	0.000	1.240	Resectioning	Pourashava CC Road	NA	45,011	45,011	41,540	41,540	100.00%	100.00%	100.00%	1.240	0.000	Work is Completed
18	40/2	Pathargata Mouza	Ongoing	1.760	1.240	3.000	Resectioning	No	Possession Received	118,930	118,930	46,015	46,015	100.00%	100.00%	100.00%	1.760	0.000	Work in Progress
19	40/2	Gohorpur	Ongoing	1.150	3.000	4.150	Resectioning	No	NA	63,991	63,500	35,166	30,000	99.23%	85.31%	98.12%	1.150	0.000	Work in Progress
20	40/2	Gohorpur	Completed	1.700	4.150	5.850	Resectioning	No	NA	19,892	19,892	28,838	28,838	100.00%	100.00%	100.00%	1.700	0.000	Work is Completed
21	40/2	Gohorpur	Completed	0.100	5.850	5.950	Resectioning	No	NA	4,622	4,622	1,983	1,983	100.00%	100.00%	100.00%	0.100	0.000	Work is Completed
22	40/2	Gohorpur	Completed	0.700	5.950	6.650	Resectioning	No	NA	16,002	16,002	13,052	13,052	100.00%	100.00%	100.00%	0.700	0.000	Work is Completed
23	40/2	Nijlathimara	Ongoing	0.850	6.650	7.500	Resectioning	No	NA	18,943	18,500	16,464	15,500	97.66%	94.14%	97.38%	0.850	0.000	Work in Progress
24	40/2	Nijlathimara	Ongoing	1.500	7.500	9.000	Resectioning	No	NA	31,238	30,700	27,140	25,500	98.28%	93.96%	97.93%	1.500	0.000	Work in Progress
25	40/2	Tangra Mouza	Ongoing	3.000	9.000	12.000	Resectioning	No	NA	129,970	127,000	88,798	85,000	97.71%	95.72%	97.56%	3.000	0.000	Work in Progress
26	40/2	Gapbharia	Completed	0.850	12.000	12.850	Resectioning	No	NA	52,726	52,726	35,093	35,093	100.00%	100.00%	100.00%	0.850	0.000	Work is Completed
27	40/2	Tapalbaria	Ongoing	1.150	12.850	14.000	Resectioning	No	Possession received	109,488	109,000	24,688	15,000	99.55%	60.76%	96.45%	1.150	0.000	Work in Progress
28	40/2	Tapalbaria	Completed	1.000	14.000	15.000	Resectioning	Yes	Possession received	84,270	84,270	40,501	40,501	100.00%	100.00%	100.00%	1.000	0.000	Work is Completed
29	40/2	Tapalbaria	Ongoing	2.700	15.000	17.700	Resectioning	No	NA	264,202	131,000	121,079	32,000	49.58%	26.43%	47.73%	1.400	0.200	Work in Progress
30	40/2	Tapalbaria	Ongoing	0.550	17.700	18.250	Resectioning	No	NA	41,287	33,442	23,757	15,000	81.00%	63.14%	79.57%	0.300	0.250	Work in Progress
31	40/2	Tapalbaria	Completed	0.200	18.250	18.450	Resectioning	No	Possession received	16,343	16,343	8,965	8,965	100.00%	100.00%	100.00%	0.200	0.000	Work is Completed
32	40/2	Char donai Mouza	Completed	1.250	18.450	19.700	Resectioning	No	Possession received	99,752	99,752	39,118	39,118	100.00%	100.00%	100.00%	1.250	0.000	Work is Completed
33	40/2	Char donai Mouza	Completed	1.300	19.700	21.000	Resectioning	No	Possession received	111,132	111,132	46,157	46,157	100.00%	100.00%	100.00%	1.300	0.000	Work is Completed
34	40/2	Char donai Mouza	Ongoing	0.550	21.000	21.550	Resectioning	No	Possession received	41,131	41,131	22,710	0	100.00%	0.00%	92.00%	0.550	0.000	Work in Progress
	40/2	Char donai Mouza	Ongoing	1.450	21.550	23.000	Resectioning	No	NA	41,856	41,856	31,338	18,000	100.00%	57.44%	96.60%	1.450	0.000	Work in Progress
35	40/2	Char donai Mouza	Ongoing	4.520	23.000	27.520	Resectioning	LGED Road	NA	57,984	1,100	-	-	1.90%	0.00%	1.75%			LGED Paved Road. Work in progress
36	40/2	Hoglapasha	Ongoing	4.715	27.520	32.235	Resectioning	RHD Road	NA	27,906	5,000	-	-	17.92%	0.00%	16.48%	0.000	0.400	RHD Paved Road. Work in Progress
37	40/2	Hatempur & Boraitola	Yet to Start	1.515	32.235	33.750	Resectioning	Pourashava Carpeting Road	NA	-	-	-	-	0.00%	0.00%	0.00%			Pourashava Paved Road.
38	40/2	Pathargata Mouza	Yet to Start	0.450	33.750	34.200	Resectioning	Pourashava cc Road	NA	-	-	-	-	0.00%	0.00%	0.00%			Pourashava cc Road.
39	41/1	Ayala Patakata UP	Completed	2.300	0.000	2.300	Resectioning	No	NA	57,203	57,203	85,000	85,000	100.00%	100.00%	100.00%	2.300	0.000	Work is Completed
40	41/1	Burir Char UP	Yet to Start	0.700	2.300	3.000	Resectioning	RHD Road	NA	-	-	-	-	0.00%	0.00%	0.00%			RHD Carpeting Road.
41	41/1	Burir Char UP	Ongoing	2.300	3.000	5.300	Retired	No	Possession Received	197,000	183,210	74,000	27,000	93.00%	36.49%	88.48%	0.840	1.200	Work in Progress
42	41/1	Burir Char UP	Ongoing	7.500	5.300	12.800	Resectioning	No	NA	188,475	164,000	-	-	87.01%	0.00%	80.05%	7.500	0.000	Work in Progress
43	41/1	Burir Char UP	Ongoing	0.950	12.800	13.750	Resectioning	No	NA	51,709	51,709	33,250	21,000	100.00%	63.16%	97.05%	0.950	0.000	Work in Progress
44	41/1	Burir Char UP	Completed	0.250	13.750	14.000	Resectioning	No	NA	13,304	13,304	5,500	5,500	100.00%	100.00%	100.00%	0.250	0.000	Paved Road area. Work in Completed
45	41/1	Burir Char UP	Completed	4.750	14.000	18.750	Resectioning	LGED Road	NA	78,353	78,353	87,500	87,500	100.00%	100.00%	100.00%	4.650	0.000	Paved Road area. Work in Completed
46	41/1	Burir Char UP	Yet to Start	1.750	18.750	20.500	Resectioning	Pourashava Road	NA	-	-	-	-	0.00%	0.00%	0.00%			Pourashava Carpeting Road.
47	41/1	Burir Char UP	Completed	6.750	20.500	27.250	Resectioning	RHD Road	NA	-	0	-	-	100.00%	100.00%	100.00%	6.750		RHD Carpeting Road. Work in Completed
48	41/1	Ayala Patakata UP	Ongoing	2.250	27.250	29.500	Resectioning	LGED Road	NA	35,500	31,500	48,000	42,600	88.73%	88.75%	88.73%	2.000	0.000	Paved Road area. Work in Progress
49	41/1	Ayala Patakata UP	Completed	2.500	29.500	32.000	Resectioning	LGED Road	NA	42,400	42,400	53,000	53,000	100.00%	100.00%	100.00%	2.500	0.000	Paved Road area. Work in Completed
50	41/1	Ayala Patakata UP	Completed	1.571	32.000	33.571	Resectioning	LGED Road	NA	39,000	39,000	34,562	34,562	100.00%	100.00%	100.00%	1.571	0.000	Paved Road area. Work in Completed

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#	Polder	Location	Status of Work	Length (Km)	Starting Chainage (Km)	End Chainage (Km)	Type of Work (New/ Retd./ Resectioning)	LA Problem	LA - Current Status	Required Earthwork Quantity (Cum)	Completed Earthwork Quantity (Cum)	Required Dressing & Turfing (Sqm)	Completed Dressing and turfing (Sqm)	Completed Earthwork %	Completed Dressing and turfing %	Progress as of Jan 2023	Completed Length (km)	Partly Completed Length (km)	Remarks
51	43/2C	Suhari	Yet to Start	0.074	0.000	0.074	Resectioning	RHD Road	NA					0.00%	0.00%	0.00%			RHD Carpeting Road.
52	43/2C	Bauria	Ongoing	0.851	0.074	0.925	Resectioning	Yes	Revised land plan under preparation	42,009	40,217	21,392	17,500	95.73%	81.81%	94.62%	0.775	0.076	Work in Progress
53	43/2C	Bauria	Completed	0.400	0.925	1.325	Resectioning	Yes	do	12,396	12,396	8,370	8,370	100.00%	100.00%	100.00%	0.400	0.000	Work is Completed
54	43/2C	Gabua	Completed	2.703	1.325	4.028	Resectioning	Yes	do	73,828	73,828	52,570	52,570	100.00%	100.00%	100.00%	2.703	0.000	Work is Completed
55	43/2C	Boro Gabua	Yet to Start	0.872	4.028	4.900	Resectioning	LGED Road	NA					0.00%	0.00%	0.00%			LGED Carpeting Road.
56	43/2C	Boro Gabua	Ongoing	0.950	4.900	5.850	Resectioning	Yes	Revised land plan under preparation	22,861	21,672	18,158	18,556	94.80%	102.19%	95.39%	0.950	0.000	Work in Progress
57	43/2C	Boro Gabua	Yet to Start	1.650	5.850	7.500	Resectioning	LGED Road	NA					0.00%	0.00%	0.00%			LGED Carpeting Road.
58	43/2C	Goikhali	Ongoing	5.600	7.500	13.100	Resectioning	Yes	Revised land plan under preparation	120,868	116,250	111,189	103,247	96.18%	92.86%	95.91%	5.300	0.300	Work in Progress
59	43/2C	Goikhali	Yet to Start	1.100	13.100	14.200	Retired	Yes	do	82,892	0	31,030		0.00%	0.00%	0.00%	0.000	0.000	Work in Progress
60	43/2C	East Golkhali	Ongoing	0.800	14.200	15.000	Resectioning	Yes	do	35,565	15,500	21,384	9,175	43.58%	42.91%	43.53%	0.300	0.050	Work in Progress
61	43/2C	East Golkhali	Ongoing	3.000	15.000	18.000	Retired	Yes	do	117,295	117,296	88,954	84,954	100.00%	95.50%	99.64%	3.000	0.000	Work in Progress
62	43/2C	East Golkhali & Badarour	Ongoing	1.300	18.000	19.300	Resectioning	No	do	46,380	23,000	32,738	6,750	49.59%	20.62%	47.27%	0.650	0.000	Work in Progress
63	43/2C	Suharinij Char	Yet to Start	0.500	19.300	19.800	Retired	Yes	do	43,472		15,383		0.00%	0.00%	0.00%			Program for the year 2022-23
64	43/2C	East Golkhali & Badarour	Ongoing	0.900	19.800	20.700	Resectioning	No	do	52,926	22,212	21,009		41.97%	0.00%	38.61%	0.350	0.350	Work in Progress
65	43/2C	Suharinij Char	Ongoing	1.700	20.700	22.400	Resectioning	No	do	64,993	64,000	51,294	48,178	98.47%	93.93%	98.11%	1.700	0.000	Work in Progress
66	43/2C	Suharinij Char	Ongoing	1.600	22.400	24.000	Resectioning	No	do	73,766	73,000	49,560	38,750	98.96%	78.19%	97.30%	1.600	0.000	Work in Progress
67	43/2C	Suhari	Ongoing	1.200	24.000	25.200	Resectioning	No	do	61,707	54,200	35,378	18,550	87.83%	52.43%	85.00%	0.850	0.350	Work in Progress
68	43/2C	Suhari	Yet to Start	0.305	25.200	25.505	RHD Road	RHD Road	NA					0.00%	0.00%	0.00%			RHD Carpeting Road.
69	47/2	Piarpur	Ongoing	2.100	0.000	2.100	Resectioning	No	NA	9,178	9,178	26,745	22,463	100.00%	83.99%	98.72%	2.100	0.000	Work in Progress
70	47/2	Piarpur	Completed	0.650	2.100	2.750	Retired	Yes	Possession received	34,813	34,813	13,378	13,378	100.00%	100.00%	100.00%	0.650	0.000	Work is Completed
71	47/2	Piarpur	Ongoing	3.400	2.750	6.150	Resectioning	No	NA	36,849	36,849	56,220	47,360	100.00%	84.24%	98.74%	3.400	0.000	Work in Progress
72	47/2	Kichikata	Completed	0.680	6.150	6.830	Retired	Yes	Possession received	31,378	31,378	9,259	9,259	100.00%	100.00%	100.00%	0.680	0.000	Work is Completed
73	47/2	Kichikata	Completed	6.220	6.830	13.050	Resectioning	No	NA	52,700	52,700	84,575	84,575	100.00%	100.00%	100.00%	6.220	0.000	Work is Completed
74	47/2	Thankhola	Ongoing	4.517	13.050	17.567	Resectioning	No	NA	48,526	48,526	60,057	50,765	100.00%	84.53%	98.76%	4.517	0.000	Work in Progress
75	48	Khajura	Ongoing	0.500	0.000	0.500	Resectioning	No	NA	3,950	2,963		0	75.01%	0.00%	69.01%	0.00	0.500	Work in Progress
76	48	Khajura	Ongoing	4.000	0.500	4.500	Resectioning	No	NA	28,460	12,807	47,704	19,082	45.00%	40.00%	44.60%	1.500	2.500	Work in Progress
77	48	Tolatali, Chapali & Char Chapli	Ongoing	2.200	4.500	6.700	Resectioning	No	NA	14,072	12,792	104,164	15,155	90.90%	14.55%	84.80%	2.000	0.200	Paved Road area. Work in Progress
78	48	Tolatali, Chapali & Char Chapli	Ongoing	9.434	6.700	16.134	Resectioning	LGED Road	NA	69,710	54,946	163,312	109,120	78.82%	66.82%	77.86%	7.500	1.934	Paved Road area. Work in Progress
79	48	Char Chapali	Completed	0.316	16.134	16.450	Resectioning	No	NA	5,513	5,513	6,188	6,188	100.00%	100.00%	100.00%	0.316	0.000	Work is Completed
80	48	Ashakhali	Ongoing	0.685	16.450	17.135	Resectioning	No	NA	115,564	92,000	40,197	36,500	79.61%	90.80%	80.51%	0.685	0.000	Work in Progress
81	48	Ashakhali	Ongoing	0.865	17.135	18.000	Resectioning	No	NA	120,046	108,000	53,831	49,800	89.97%	92.51%	90.17%	0.826	0.039	Work in Progress
82	48	Ashakhali	Ongoing	3.000	18.000	21.000	Resectioning	No	NA	394,860	334,444	182,329	136,746	84.70%	75.00%	83.92%	2.375	0.625	Work in Progress
83	48	Ashakhali	Ongoing	3.000	21.000	24.000	Resectioning	No	NA	425,692	333,459	186,164	139,623	78.33%	75.00%	78.07%	2.350	0.650	Work in Progress
84	48	Ashakhali	Ongoing	5.455	24.000	29.455	Resectioning	No	NA	495,322	133,737	284,260	23,449	27.00%	8.25%	25.50%	1.300	4.155	LGED Carpeting Road. Work in progress
85	48	Kuakata Beach	Ongoing	1.195	29.455	30.650	Resectioning	LGED Road	NA	47,983	4,798			10.00%	0.00%	9.20%		1.195	Work in Progress
86	48	Do	Ongoing	0.150	30.650	30.800	Resectioning	No	NA	7,392	7,392			100.00%	0.00%	92.00%	0.15	0.000	Work in Progress
87	48	Do	Ongoing	1.215	30.800	32.015	Resectioning	No	NA	40,658	39,570	12,080	12,080	97.32%	100.00%	97.54%	1.150	0.100	Work in Progress
88	48	Do	Ongoing	2.285	32.015	34.300	Resectioning	No	NA	110,109	110,109	30,757	0	100.00%	0.00%	92.00%	2.285	0.000	Work in Progress
89	48	Do	Completed	0.250	34.300	34.550	Resectioning	No	NA	25,871	25,871	3,017	3,017	100.00%	100.00%	100.00%	0.250	0.000	Work is Completed
90	48	Do	Completed	0.328	34.550	34.878	Resectioning	No	NA	23,428	23,428	3,958	3,958	100.00%	100.00%	100.00%	0.328	0.078	Work is Completed
91	48	Do	Completed	2.122	34.878	37.000	Resectioning	No	NA	222,081	222,081	117,669	117,669	100.00%	100.00%	100.00%	2.122	0.000	Work is Completed
92	48	Khajura	Ongoing	1.000	37.000	38.000	Resectioning	No	NA	12,694	12,694			100.00%	0.00%	92.00%	1.00	0.000	Work in Progress

Table 3-42: Detailed information of Slope Development Status of Paved Road Stretches of Package-2

Pkg. No	Polder	Location	Status of Work	Length (Km)	Starting Chainage (Km)	End Chainage (Km)	Remarks
WPO2	39/2C	Bhandaria Thana premissis to Liakat Market, Bhandaria, Pirojpur	Yet to Start	0.016	0.000	0.016	RHD Overlapping
	39/2C		Yet to Start	0.129	0.016	0.145	RHD Overlapping
	39/2C		Yet to Start	0.205	0.145	0.350	RHD Overlapping
	39/2C	Liakat market to Gorur Hat, Bhandaria, Pirojpur	Yet to Start	0.166	0.350	0.516	RHD Overlapping
	39/2C	Gorur Hat to Mia Bari Madrassa complex (FS-1), south shealkathi, Bhandaria Pirojpur	Yet to Start	0.484	0.516	1.000	RHD Overlapping
	39/2C		Yet to Start	0.080	1.000	1.080	RHD Overlapping
	39/2C	Near Tarukder Bari, Dhawa, Pirojpur	Ongoing	0.055	2.590	2.645	LGED overlapping
	39/2C		Ongoing	0.105	2.928	3.033	LGED overlapping
	39/2C	Poddar Khal Bazar, East Dhawa (DS-1)	Ongoing	0.038	3.033	3.071	LGED overlapping
	39/2C		Ongoing	0.274	3.071	3.345	LGED overlapping
	39/2C	Tulatala to Jalner Khal South-East Dhawa (FS-3)	Ongoing	0.280	4.700	4.980	LGED overlapping
	39/2C		Ongoing	0.166	4.995	5.161	LGED overlapping
	39/2C	Jalner khal to west Chechrirampur(DS-2), Soth Dhawa	Yet to Start	0.021	5.161	5.182	LGED overlapping
	39/2C		Ongoing	0.987	5.182	6.169	LGED overlapping
	39/2C	Near west chechri Primary School, Dhawa	Ongoing	0.010	7.190	7.200	LGED crossing
	39/2C	West chechrirampur Tofsirer khea ghat, Kathalia	Ongoing	0.010	9.360	9.370	LGED crossing
	39/2C	Near Bhogiratpur Bazar (North side), Mottbaria	Ongoing	0.237	14.873	15.110	LGED Overlapping
	39/2C		Ongoing	0.009	15.111	15.120	LGED crossing
	39/2C	Near Bhogiratpur Bazar (west side), Mottbaria	Ongoing	0.009	15.660	15.669	LGED crossing
	39/2C		Ongoing	0.007	15.840	15.847	LGED crossing
	39/2C	Besides Gazi bari Bazar, Boro Saula, Motbaria	Ongoing	0.005	17.931	17.936	LGED crossing
	39/2C	Near Anis karir Bari, Boro Saula	Ongoing	0.005	18.685	18.690	LGED crossing
	39/2C	Near Badura Bazar toward safa	Ongoing	0.005	21.002	21.007	LGED crossing
	39/2C	Bhanga Pool- near south Tetulbaria Panchagram primary school	Ongoing	0.006	22.080	22.086	LGED crossing
	39/2C	Near safa bazar about 300m towards badura	Ongoing	0.007	24.135	24.142	LGED crossing
	39/2C	Near safa bazar RHD road, (DS-6)	Ongoing	0.010	24.420	24.430	RHD crossing
	39/2C	Near Safa bazar rcc bridge	Ongoing	0.009	25.002	25.011	LGED crossing
	39/2C	Vangon Kul, Gulbunia	Ongoing	0.078	27.280	27.358	LGED overlapping
	39/2C	Near South Junia bridge	Ongoing	0.007	28.380	28.387	LGED crossing
	39/2C	Near Horinpala bridge & Cyclone shelter	Ongoing	0.008	31.570	31.578	LGED crossing
	39/2C	Bashai Bari, Horinpala	Ongoing	0.005	32.606	32.611	LGED crossing
	39/2C	Near Chairman bari, Horinpala	Ongoing	0.012	33.585	33.597	LGED crossing
	39/2C		Ongoing	0.060	36.170	36.230	LGED overlapping
	39/2C	Horinpala Eco Park	Ongoing	0.007	36.405	36.412	LGED crossing
	39/2C	Telekhali Bazar (DS-8)	Ongoing	0.003	42.875	42.878	LGED crossing
	39/2C	Near south side Charkhali Ferry ghat (DS-11)	Ongoing	0.165	50.785	50.950	LGE Doverlapping
	39/2C	Between Charkhali More and Ferry ghat	Ongoing	0.006	51.164	51.170	RHD crossing
	39/2C	Near charkhali more (North side)	Ongoing	0.005	51.315	51.320	LGED crossing
	39/2C	Near old charkhali launch ghat	Ongoing	0.005	51.655	51.660	LGED crossing
	39/2C	Near Chenguria Bazar	Ongoing	0.115	56.420	56.535	LGED overlapping
	39/2C	Near Kudus ukil bari (DS-13)	Ongoing	0.088	57.082	57.170	LGED overlapping
	39/2C		Ongoing	0.118	57.200	57.318	LGED overlapping
	39/2C	Near Horolal & Hiralaler bari, south shealkathi	Ongoing	0.027	57.395	57.422	LGED overlapping
	39/2C		Ongoing	0.251	57.804	58.055	LGED overlapping
	39/2C		Ongoing	0.011	58.300	58.311	LGED (crossing)
	39/2C	Moshrraf er Bari, South Shealkhathi	Ongoing	0.197	58.437	58.634	LGED overlapping
	39/2C		Ongoing	0.030	58.725	58.755	LGED overlapping
	39/2C	From Khokon Kazir Bari to Bhandaria LSD Godown	Ongoing	0.295	58.755	59.050	LGED overlapping
39/2C		Ongoing	0.200	59.050	59.250	LGED overlapping	
40/2	Pathargata Mouza	Completed	1.240	0.000	1.240	Pourashaba Road	
40/2	Char donai Mouza	Yet to Start	0.600	23.000	23.600	LGED Road	
40/2	Hoglapasha	Yet to Start	3.920	23.600	27.520	RHD Road (Under up Gradation by RHD)	
40/2	Hatempur & Boraitola	Ongoing	4.715	27.520	32.235	Pourashaba Road	
40/2	Pathargata Mouza	Yet to Start	1.965	32.235	34.200	Pourashaba Road	
41/1	Burir Char UP	Yet to Start	0.750	2.250	3.000	RHD road (Under up gradation by RHD)	
41/1	Burir Char UP	Completed	4.900	13.750	18.650	LGED Road	
41/1	Burir Char UP	Ongoing	2.050	18.650	20.700	Pourasabha Road	
41/1	Burir Char UP	Completed	6.560	20.700	27.260	RHD road (Under up gradation by RHD)	
41/1	Burir Char UP	Ongoing	6.140	27.260	33.400	LGED Road	
43/2C	Suhari	Yet to Start	0.074	0.000	0.074	RHD Road	
43/2C	Boro Gabua	Yet to Start	0.876	4.024	4.900	RHD Road	
43/2C	Boro Gabua	Yet to Start	1.650	5.850	7.500	LGED Road	
43/2C	Suhari	Yet to Start	0.303	25.210	25.513	RHD Road	
48	Kuakata Beach	Ongoing	15.600	0.534	16.134	LGED Road	
48	Kuakata Beach	Yet to Start	1.197	29.455	30.652	LGED Road	
Total of Package-2				57.568			

Table 3-43: Channel Wise detailed Information for Construction of Drainage Channel for Package-2

#	Polder	Name of Khal	Status of Work	Length (Km)	Completed Length (km)	Required Quantity (Cum)	Achieved Quantity (Cum)	Status as of Jan 2023	Remarks
Package 2									
1	39/2C	Chokeydev Khal	Ongoing	5.500	2.550	36,491.00	12,380.00	46.36%	Work in Progress
2	39/2C	Pona Khal	Ongoing	20.000	1.500	24,296.05	1,800.00	7.50%	Work in Progress
3	39/2C	Bakshi Khal Br. 2	Ongoing	3.000	2.800	2,769.37	2,500.00	93.33%	Work in Progress
4	39/2C	Dasher Khal	Completed	3.750	3.750	20,760.50	20,760.50	100.00%	Work Completed.
5	39/2C	Juniher Khal	Completed	3.000	3.000	2,926.00	2,931.00	100.00%	Work Completed.
6	39/2C	Teli Khali Khal	Completed	4.500	4.500	1,634.30	1,634.35	100.00%	Work Completed.
7	39/2C	Chakluia Khal	Ongoing	5.500	4.050	6,339.35	3,100.00	73.64%	Work in Progress
8	39/2C	Hetalia Khal	Ongoing	3.500	3.450	10,108.00	8,978.00	98.57%	Work in Progress
9	39/2C	Nodmollar Khal	Completed	4.000	4.000	11,209.00	11,139.00	100.00%	Work Completed.
10	39/2C	Dagrey Khal	Completed	2.000	2.000	27,552.00	27,552.00	100.00%	Work Completed.
11	39/2C	Bauner Khal	Completed	2.480	2.480	-	-	100.00%	No need of Re-excavation
12	40/2	Mutainer Khal	Yet to Start	2.400	0.000	42,571.38	-	0.00%	This khal has already been excavated by BWDB (Connected with DS-1)
13	40/2	Adhania Khal	Dropped	0.000	0.000	23,507.00	-	0.00%	Dropped
14	40/2	Nijladiamar Khal	Dropped	0.000	0.000	43,613.08	-	0.00%	Dropped
15	40/2	Ganpara Khal - 1	Dropped	0.000	0.000	-	-	0.00%	Dropped
16	40/2	Keoratala Khal	Completed	1.829	1.829	36,574.00	35,558.00	100.00%	Work Completed.
17	40/2	Charduani Khal	Dropped	0.000	0.000	73,031.75	-	0.00%	Dropped
18	40/2	Hoglapasha Khal	Dropped	0.000	0.000	57,367.59	-	0.00%	Dropped
19	40/2	Munshigonj Khal	Dropped	0.000	0.000	1,663.75	-	0.00%	Dropped
20	40/2	Maser Khal	Dropped	0.000	0.000	37,548.50	-	0.00%	Dropped
21	40/2	Kajibari Khal	Dropped	0.000	0.000	38,060.00	-	0.00%	Dropped
22	40/2	Boroiola Khal	Dropped	0.000	0.000	73,238.00	-	0.00%	Dropped
23	41/1	Lobongla Khal	Yet to Start	4.073	0.000	14,393.64	-	0.00%	This khal has already been excavated by BWDB (Connected with DS-1)
24	41/1	Shonakhali Khal	Dropped	0.000	0.000	17,187.50	-	0.00%	Dropped
25	41/1	Charakgasia Khal	Dropped	0.000	0.000	6,789.75	-	0.00%	Dropped
26	41/1	Charnalar Khal	Completed	1.260	1.260	18,345.00	18,345.00	100.00%	Work is completed (Connected with DS-4)
27	41/1	Burirchar Khal	Yet to Start	6.930	0.000	38,439.50	-	0.00%	(Connected with DS-5)
28	41/1	Lobongla Khal Br. 1	Completed	4.390	4.390	5,301.00	5,301.00	100.00%	As per approved shop drawing, the excavation quantity is only 5,301.00 Cum which is negligible in compared to length. So the existing section is enough compared to design section. No need re-excavation (Connected with DS-6).
29	41/1	Napit Khali Khal	Completed	1.813	1.813	23,564.00	23,564.00	100.00%	Work is completed. (Connected with DS-7)
30	41/1	Choto Lobongla Khal	Completed	4.667	1.338	26,171.00	26,171.00	100.00%	Length of Khal is 4.700Km. But from Km 1.338 to Km 4.700 already excavated by BWDB. (Connected with DS-8)
31	43/2C	Chadkokai Khal	Completed	2.600	2.600	65,370.00	65,370.00	100.00%	Work Completed
32	43/2C	Jamaluddin Khal	Ongoing	3.961	0.360	12,322.00	10,000.00	9.09%	Work in Progress
33	43/2C	Mushir Khal - 01	Completed	6.793	6.793	3,376.00	3,376.00	100.00%	Work Completed
34	43/2C	Mushir Khal	Ongoing	2.448	1.650	32,013.00	29,500.00	67.40%	Work in Progress
35	43/2C	Pollar Khal	Ongoing	2.350	2.300	41,624.00	40,000.00	97.87%	Work in Progress
36	43/2C	Rishir Khal	Ongoing	2.000	1.966	45,783.00	43,801.09	98.30%	Work in Progress
37	43/2C	Taltola Khal	Completed	2.440	2.440	35,930.84	35,715.00	100.00%	Work Completed
38	43/2C	Golkhali Khal	Ongoing	5.669	3.350	59,517.00	52,100.00	59.09%	Work in Progress
39	47/2	Eidkhola Khal	Completed	0.676	0.676	8,019.00	8,019.00	100.00%	Work Completed
40	47/2	Kichikata Khal	Completed	1.700	1.700	13,607.00	13,607.00	100.00%	Work Completed
41	47/2	Dhankhola Khal	Completed	4.791	4.791	53,943.00	53,943.00	100.00%	Work Completed
42	47/2	Piarpur Khal	Completed	2.000	2.000	29,714.00	29,714.00	100.00%	Work Completed
43	48	Khanjura Khal	Completed	7.465	7.465	100,302.50	100,302.50	100.00%	Work Completed
44	48	Matiranga Khal	Completed	1.925	1.925	4,473.90	4,473.90	100.00%	Work Completed
45	48	Loxir Khal	Completed	7.000	7.000	19,364.00	19,364.00	100.00%	Work Completed
46	48	Nayapara Khal - 1	Completed	4.250	4.250	31,796.00	31,796.00	100.00%	Work Completed
47	48	Tolatali Khal	Completed	5.723	5.723	97,230.00	96,853.22	100.00%	Work Completed
48	48	Charchapali Khal	Completed	2.472	2.472	26,483.00	26,483.00	100.00%	Work Completed
49	48	Kauarchar Khal	Completed	1.000	1.000	7,818.25	7,818.25	100.00%	Work Completed
50	48	Kalaipara Khal	Completed	0.350	0.350	9,547.58	9,547.58	100.00%	Work Completed
51	48	Goramkhula Khal	Completed	2.726	2.726	54,163.00	54,163.13	100.00%	Work Completed
52	48	Khalifar Khal	Dropped	0.000	0.000	6,924.50	-	0.00%	Dropped
53	48	Maither Khal	Dropped	0.000	0.000	4,983.00	-	0.00%	Dropped
Total				154.931	108.247	1,101,842.155	937,660.52		

Table 3-44: Detailed Information of Construction Status of Drainage Sluice for Package-2

#	Type of HS	Polder	Sluice Name	Dropped/ Not Dropped	LA Problem	LA - Current Status	Preparation cofferdam-excavation-dewatering	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing - Gate	Status as of Jan 2023	Remarks
Drainage Sluice												
1	DS	39/2C	DS-1	Yet to Start	Y	Possession Received					0.00%	Program for the year 2022-23.
2	DS	39/2C	DS-2	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
3	DS	39/2C	DS-3	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Work is Completed
4	DS	39/2C	DS-4	Ongoing	Y	Possession Received	100%	100%	100%	50%	92.50%	Work in progress
5	DS	39/2C	DS-5	Yet to Start	Y	Possession Received					0.00%	Program for the year 2022-23
6	DS	39/2C	DS-6	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
7	DS	39/2C	DS-7	Completed	N	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
8	DS	39/2C	DS-8	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
9	DS	39/2C	DS-9	Ongoing	Y	Taka Deposited to DC	100%	100%	100%	30%	89.50%	Work in progress
10	DS	39/2C	DS-10	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
11	DS	39/2C	DS-11	Completed	Y	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
12	DS	39/2C	DS-12	Completed	N	N/A	100%	100%	100%	100%	100.00%	Sluice in operation.
13	DS	39/2C	DS-13	Ongoing	Y	Possession Received	100%	100%	100%	50%	92.50%	Work in progress
14	DS	40/2	DS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
15	DS	40/2	DS-2	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
16	DS	40/2	DS-3	Completed	N	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
17	DS	40/2	DS-5	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
18	DS	40/2	DS-7	Yet to Start	Y	Court case					0.00%	Due to court case work not yet started
19	DS	40/2	DS-7A	Ongoing	Y	N/A	100%	100%	100%	40%	91.00%	Work in progress
20	DS	40/2	DS-8	Ongoing	Y	Court case	100%	100%	100%		85.00%	Work in progress
21	DS	40/2	DS-9	Completed	N	Court case	100%	100%	100%	100%	100.00%	Sluice in operation.
22	DS	40/2	DS-10	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
23	DS	40/2	DS-10A	Completed	Y	Court case	100%	100%	100%	100%	100.00%	Sluice in operation.
24	DS	41/1	DS-1	Completed	N	Possession Received	100%	100%	100%	100%	100.00%	Sluice in operation.
25	DS	41/1	DS-2	Ongoing	N	NA	100%	60%			22.00%	Work in progress
26	DS	41/1	DS-3	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
27	DS	41/1	DS-4	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
28	DS	41/1	DS-5	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
29	DS	41/1	DS-6	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
30	DS	41/1	DS-7	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
31	DS	41/1	DS-8	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
32	DS	41/1	DS-9	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
33	DS	41/1	DS-10	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
34	DS	43/2C	DS-1	Ongoing	N	NA	100%	100%	100%	75%	96.25%	Work in progress
35	DS	43/2C	DS-2	Ongoing	Y	NA	100%	100%	100%	90%	98.50%	Work in progress
36	DS	43/2C	DS-3	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
37	DS	43/2C	DS-4	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
38	DS	43/2C	DS-5	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
39	DS	43/2C	DS-6	Completed	Y	NA	100%	100%	100%	100%	100.00%	Work is Completed
40	DS	43/2C	DS-7	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
41	DS	43/2C	DS-8	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
42	DS	47/2	DS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Work is Completed
43	DS	47/2	DS-2	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
44	DS	47/2	DS-3	Completed	N	NA	100%	100%	100%	100%	100.00%	Work is Completed
45	DS	47/2	DS-4	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
46	DS	48	DS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
47	DS	48	DS-2/A	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
48	DS	48	DS-3/2	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
49	DS	48	DS-3/3	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
50	DS	48	DS-3/4	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
51	DS	48	DS-4	Ongoing	N	NA	100%	100%	45%		54.75%	Work in progress
52	DS	48	DS-6	Completed	Y	Taka Deposited to DC	100%	100%	100%	100%	100.00%	Sluice in operation.

Table 3-45: Detailed Information of Construction Status of Flushing Sluice for Package-2

#	Type of HS	Polder	Sluice Name	Dropped/ Not Dropped	LA Problem	LA - Current Status	Preparation cofferdam-excavation-dewatering	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing - Gate	Status as of Jan 2023	Remarks
Flushing Sluice												
1	FS	39/2C	FS-1	Yet to Start	Y	Taka Deposited to DC					0.00%	Land problem issue has not yet been resolved
2	FS	39/2C	FS-2	Ongoing	Y	do	100%	100%	100%	50%	92.50%	Work in Progress
3	FS	39/2C	FS-2/1	Completed	Y	do	100%	100%	100%	100%	100.00%	Work is Completed
4	FS	39/2C	FS-3	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
5	FS	39/2C	FS-4	Ongoing	Y	do	50%				5.00%	Work in Progress
6	FS	39/2C	FS-5	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
7	FS	39/2C	FS-6	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
8	FS	39/2C	FS-6/1	Completed	Y	do	100%	100%	100%	100%	100.00%	Sluice in operation.
9	FS	39/2C	FS-6/2	Dropped	Y	do					0.00%	Dropped
10	FS	39/2C	FS-7	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
11	FS	39/2C	FS-8	Completed	Y	do	100%	100%	100%	100%	100.00%	Work is Completed
12	FS	39/2C	FS-9	Ongoing	Y	do	100%	100%	100%	60%	94.00%	Work in Progress
13	FS	39/2C	FS-10	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
14	FS	39/2C	FS-11	Ongoing	Y	do	100%	100%	100%		85.00%	Work in Progress
15	FS	39/2C	FS-12	Ongoing	Y	do	100%	100%	75%		71.25%	Work in Progress
16	FS	39/2C	FS-13	Ongoing	Y	do	100%	100%	100%		85.00%	Work in Progress
17	FS	39/2C	FS-14	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
18	FS	39/2C	FS-14/1	Ongoing	Y	do	100%	100%	100%	65%	94.75%	Work in Progress
19	FS	39/2C	FS-14/2	Yet to Start	Y	do					0.00%	Program for the year 2022-23
20	FS	39/2C	FS-15	Ongoing	Y	do	100%	100%	100%	75%	96.25%	Work in Progress
21	FS	39/2C	FS-16	Ongoing	Y	do	100%	100%	50%		57.50%	Work in Progress
22	FS	39/2C	FS-17	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
23	FS	39/2C	FS-17/1	Dropped	Y	do					0.00%	Dropped
24	FS	40/2	FS-1	Dropped							0.00%	Recommended for repair instead of replacement.
25	FS	40/2	FS-3	Dropped							0.00%	Recommended for demolished
26	FS	40/2	FS-4	Dropped							0.00%	Recommended for repair instead of replacement.
27	FS	40/2	FS-4/1	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
28	FS	40/2	FS-8	Ongoing	N	NA	100%	100%	100%	100%	85.00%	Work in progress
29	FS	40/2	FS-9	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
30	FS	40/2	FS-9A	Ongoing	N	NA	100%	100%	100%	100%	85.00%	Work in progress
31	FS	40/2	FS-10	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
32	FS	40/2	FS-11	Ongoing	N	NA	100%	100%	100%	100%	85.00%	Work in progress
33	FS	40/2	FS-13	Dropped							0.00%	Recommended for demolished
34	FS	40/2	FS-14	Dropped							0.00%	Recommended for repair instead of replacement.
35	FS	40/2	FS-16	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
36	FS	40/2	FS-17	Dropped							0.00%	Recommended for dropped from program instead of replacement due to land problem.
37	FS	40/2	FS-20	Dropped							0.00%	Recommended for repair instead of replacement.
38	FS	41/1	FS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
39	FS	41/1	FS-3	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
40	FS	41/1	FS-5	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
41	FS	41/1	FS-6	Completed	Y		100%	100%	100%	100%	100.00%	Sluice in operation.
42	FS	41/1	FS-7	Dropped	Y	Possession Received					0.00%	Dropped
43	FS	41/1	FS-8	Completed			100%	100%	100%	100%	100.00%	Sluice in operation.
44	FS	41/1	FS-9	Completed			100%	100%	100%	100%	100.00%	Sluice in operation.
45	FS	41/1	FS-12	Dropped							0.00%	DS-8 is to be construction instead of FS-12.
46	FS	41/1	FS-15	Completed			100%	100%	100%	100%	100.00%	Sluice in operation.
47	FS	41/1	FS-16	Dropped							0.00%	Recommended for repair instead of replacement.
48	FS	41/1	FS-21	Dropped	Y						0%	Shifting to repair of Flushing Sluice
49	FS	41/1	FS-22	Dropped	Y						0%	Shifting to repair of Flushing Sluice
50	FS	41/1	FS-23	Dropped	Y						0%	Shifting to repair of Flushing Sluice
51	FS	41/1	FS-24	Completed	Y		100%	100%	100%	100%	100.00%	Sluice in operation.
52	FS	41/1	FS-25	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
53	FS	41/1	FS-28	Ongoing	Y		100%	100%	100%	75%	96.25%	Work in progress
54	FS	43/2C	FS-1	Yet to Start							0.00%	Program for the year 2022-23
55	FS	43/2C	FS-1A	Completed	Y		100%	100%	100%	100%	100.00%	Sluice in operation.
56	FS	43/2C	FS-2	Dropped							0.00%	Recommended for repair instead of replacement.
57	FS	43/2C	FS-3	Dropped							0.00%	Recommended for demolish instead of replacement as per local resident.
58	FS	43/2C	FS-7	Dropped							0.00%	Recommended for repair instead of replacement.
59	FS	43/2C	FS-8	Completed	Y	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
60	FS	43/2C	FS-9	Dropped							0.00%	Recommended for repair instead of replacement.
61	FS	43/2C	FS-10	Completed	Y	N/A	100%	100%	100%	100%	100.00%	Sluice in operation.
62	FS	43/2C	FS-12	Completed	Y	N/A	100%	100%	100%	100%	100.00%	Sluice in operation.
63	FS	43/2C	FS-13	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
64	FS	43/2C	FS-14	Dropped							0.00%	Recommended for repair instead of replacement.
65	FS	43/2C	FS-15	Dropped							0.00%	Recommended for repair instead of replacement.
66	FS	43/2C	FS-16	Dropped							0.00%	Recommended for repair instead of replacement.
67	FS	43/2C	FS-17	Dropped							0.00%	Recommended for repair instead of replacement.
68	FS	43/2C	FS-18	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
69	FS	47/2	FS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Work is completed
70	FS	47/2	FS-2	Dropped							0.00%	Recommended for repair instead of replacement.
71	FS	47/2	FS-3	Dropped							0.00%	Recommended for demolish.
72	FS	47/2	FS-6	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
73	FS	47/2	FS-7	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
74	FS	48	FS-1	Completed	N	NA	100%	100%	100%	100%	100.00%	Work is completed
75	FS	48	FS-3	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
76	FS	48	FS-4	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.

Table 3-46: Detailed Information of Repair of Drainage & Flushing Sluice for Package-2

#	Type of HS	Package	Polder	Sluice Name	Status (Dropped/ Not Dropped)	LA Problem	LA - Current Status	Preparation cofferdam- excavation-	Foundation sand piling - Sheet Piles	Structure - Concreting Work	Installation CC block placing -	Status as of Jan 2023	Remarks
Drainage Sluice													
3	DS	2	40/2	DS-1	Yet to Start	N	NA					0.00%	Dropped -DS-1
4	DS	2	40/2	DS-4	Yet to Start	N	NA					0.00%	Program for current year
5	DS	2	40/2	DS-6	Ongoing	N	NA	100%	100%	95%	50%	89.75%	Work in progress
6	DS	2	48	DS-3/1	Ongoing	N	NA	50%	100%	100%	25%	83.75%	Work in progress
7	DS	2	48	DS-4	Yet to Start	Y						0.00%	Resettlement issue has not yet been resolved
8	DS	2	48	DS-5	Ongoing	N	NA	100%	100%	100%	25%	88.75%	Work in progress
Flushing Sluice													
1	FS	2	40/2	FS-1	Ongoing			100%	100%	100%		85.00%	Work in Progress
2	FS	2	40/2	FS-2	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
3	FS	2	40/2	FS-4	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
4	FS	2	40/2	FS-6	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
5	FS	2	40/2	FS-6/1	Ongoing			100%	100%	100%		85.00%	Work in Progress
6	FS	2	40/2	FS-12	Ongoing			100%	100%	100%		85.00%	Work in Progress
7	FS	2	40/2	FS-14	Ongoing	N	NA	100%	100%	100%		85.00%	Work in Progress
8	FS	2	40/2	FS-16	Dropped							0.00%	Dropped FS-16
9	FS	2	40/2	FS-18	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
10	FS	2	40/2	FS-19	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
11	FS	2	40/2	FS-20	Ongoing			100%	100%	100%	25%	88.75%	Work in Progress
12	FS	2	40/2	FS-22	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
13	FS	2	41/1	FS-2	Completed	N	NA	100%	100%	100%	100%	100.00%	Sluice in operation.
14	FS	2	41/1	FS-4	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
15	FS	2	41/1	FS-5	Dropped							0.00%	Dropped FS-5
16	FS	2	41/1	FS-11	Ongoing			100%	100%	100%	25%	88.75%	Work in Progress
17	FS	2	41/1	FS-13	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
18	FS	2	41/1	FS-16	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
19	FS	2	41/1	FS-18	Ongoing	N	NA	100%	100%	100%		85.00%	Work in Progress
20	FS	2	41/1	FS-19	Yet to Start	N	NA					0.00%	Program for the year 2022-23
21	FS	2	41/1	FS-21	Ongoing			100%	100%	100%		85.00%	Work in Progress
22	FS	2	41/1	FS-22	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
23	FS	2	41/1	FS-23	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in Progress
24	FS	2	41/1	FS-30	Ongoing	N	NA	100%				10.00%	Work in Progress
25	FS	2	41/1	FS-29	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
26	FS	2	43/2C	FS-2	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
27	FS	2	43/2C	FS-6	Ongoing			100%	100%	100%		85.00%	Work in Progress
28	FS	2	43/2C	FS-7	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
29	FS	2	43/2C	FS-9	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
30	FS	2	43/2C	FS-14	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
31	FS	2	43/2C	FS-15	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
32	FS	2	43/2C	FS-16	Yet to Start							0.00%	Program for the year 2021-22
33	FS	2	47/2	FS-2	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress
34	FS	2	47/2	FS-4	Ongoing			100%	100%	100%	50%	92.50%	Work in Progress

Table 3-47: Detailed Information for Slope Protection Work for Package-2

#	Polder #	Length (Km)	LA Problem	LA - Current Status	Status of Work	Starting Chainage (Km)	End Chainage (Km)	Mobilization	Production of CC Blocks	Placing of CC block	Other related work	Completed Length (km)	Status as of Jan 2023	Remarks
Package 2								3%	77%	9%	11%			
1	39/2C	0.540	N	Possession received	Yet to Started	42.280	42.820						0.00%	Program for the year 20
2	39/2C	0.317	N	Possession received	Yet to Started	43.800	44.117						0.00%	Program for the year 20
3	39/2C	0.730	N	Possession received	Yet to Started	44.580	45.310						0.00%	Program for the year 20
4	39/2C	0.167	N	Possession received	Ongoing	45.650	45.817	70%	100%	76%	60%	0.135	92.54%	Work in Progress
5	39/2C	0.254	N	Possession received	Yet to Started	46.306	46.560						0.00%	Program for the year 20
6	39/2C	0.522	N	Possession received	Ongoing	46.758	47.280	70%	98%	84%	50%	0.484	90.62%	Work in Progress
7	39/2C	0.170	N	Possession received	Yet to Started	47.900	48.070						0.00%	Program for the year 20
8	39/2C	1.000	N	Possession received	Ongoing	48.100	49.100	60%	90%	45%	50%	0.450	80.65%	Work in Progress
9	39/2C	0.300	N	Possession received	Ongoing	50.400	50.700	30%	90%	25%	35%	0.020	76.30%	Work in Progress
10	40/2	0.400	N	Possession received	Completed	1.240	1.640	100%	100%	100%	100%	0.400	100.00%	Work is Completed
11	40/2	0.129	N	Possession received	Ongoing	12.871	13.000	50%	55%	45%	50%	0.000	53.40%	Work in Progress
12	40/2	0.393	N	Possession received	Completed	13.184	13.577	100%	100%	100%	100%	0.393	100.00%	Work is Completed
13	40/2	0.215	N	Possession received	Completed	13.745	13.960	100%	100%	100%	100%	0.215	100.00%	Work is Completed
14	43/2C	0.078	Y	Proposal under Preparation	Yet to Started	19.885	19.963					0.000	0.00%	Program for the year 20
15	43/2C	0.090	Y	Proposal under Preparation	Yet to Started	19.680	19.770					0.000	0.00%	Program for the year 20
16	43/2C	0.093	Y	Proposal under Preparation	Yet to Started	19.460	19.553					0.000	0.00%	Program for the year 20
17	48	0.150	Y	NS	Ongoing	30.650	30.800	50%	42%	35%	30%	0.000	40.29%	Work in Progress
18	48	1.215	N	NA	Ongoing	30.800	32.015	100%	95%	91%	90%	1.115	94.24%	Work in Progress
19	48	2.285	N	NA	Ongoing	32.015	34.300	80%	80%	50%	70%	1.727	76.20%	Work in Progress
20	48	0.578	N	NA	Completed	34.300	34.878	100%	100%	100%	100%	0.578	100.00%	Work is Completed
Total		9.626										5.517		

Table 3-48: Detailed Information Bank Protection Work for Package-2

#	Polder	Length (Km)	Status of Work	Starting Chainage (Km)	End Chainage (Km)	Mobilization	Production of CC Blocks	Placing of CC block	Other related work	Completed Length (km)	Status as of Jan 2023	Remarks
Package 2						3.00%	85.00%	9.00%	3.00%			
1	39/2C	1.000	Ongoing	42.600	43.600	100%	100%	100%	50%	1.000	98.50%	End Termination work is ongoing
2	39/2C	2.500	Ongoing	51.500	54.000	100%	95%	75%	50%	2.500	92.00%	Work in progress.
3	39/2C	0.287	Yet to Start	54.000	54.287						0.00%	
4	41/1	0.215	Completed	5.030	5.245	100%	100%	100%	100%	0.215	100.00%	Work Completed
5	41/1	0.459	Completed	13.230	13.689	100%	100%	100%	100%	0.459	100.00%	Work Completed
6	43/2C	0.540	Completed	13.400	13.940	100%	100%	100%	100%	0.540	100.00%	Work Completed
7	47/2	0.045	Yet to Start	6.105	6.150					0.000	0.00%	Program for the year 2021-22
8	47/2	0.560	Completed	6.150	6.710	100%	100%	100%	100%	0.560	100.00%	Work Completed
9	47/2	0.085	Yet to Start	6.710	6.795					0.000	0.00%	Program for the year 2021-22
Total		5.691								5.274		

Table 3-49: Detailed Information Construction of Closure Dam for Package-2

#	Polder	Sluice Closure	Status of Work	Foundation Construction of the Closure	Closing of the Closure	Final Protection of the closure	Status as of Jan 2023	Remarks
Package 2				25%	20%	55%		
1	39/2C	Pona upper Khal (DS-2)	Completed	100%	100%	100%	100.00%	Completed
2	39/2C	Pona Lower Khal (DS-6)	Completed	100%	100%	100%	100.00%	Completed
3	39/2C	Junia Khal (DS-7)	Completed	100%	100%	100%	100.00%	Completed
4	39/2C	Telikhali Khal (DS-8)	Ongoing	100%	100%		45.00%	Work in Progress
5	39/2C	Bamuner Khal (DS-9)	Yet to Start				0.00%	After completion of adjacent sluice
6	39/2C	Darulhuda Khal (DS-10)	Completed	100%	100%	100%	100.00%	Completed
7	39/2C	Hetalia Khal (DS-11)	Completed	100%	100%	100%	100.00%	Completed
8	39/2C	Nadmula Khal (DS-12)	Completed	100%	100%	100%	100.00%	Completed
Total							80.63%	

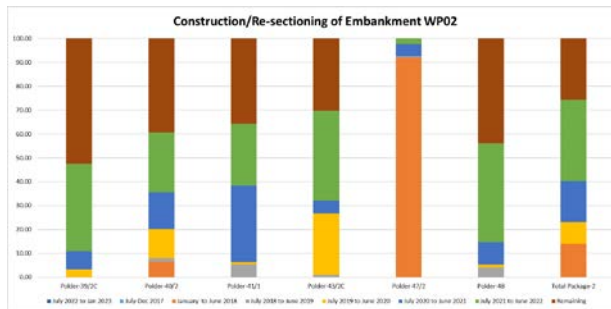


Figure 3-18: Construction/Re-sectioning of Embankment of Package-2

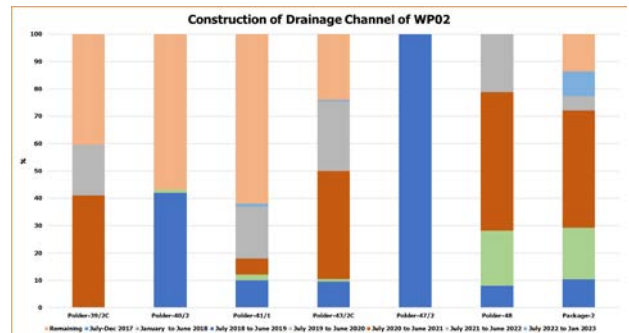


Figure 3-19: Construction of Drainage Channel of Package-2

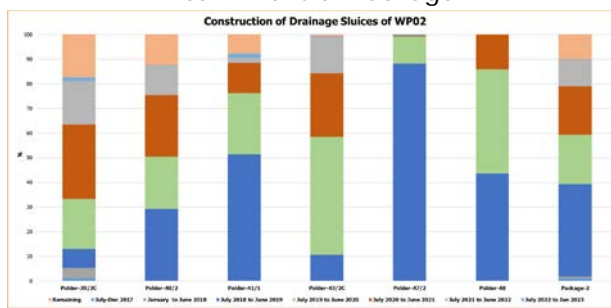


Figure 3-20: Construction of Drainage Sluice of Package-2

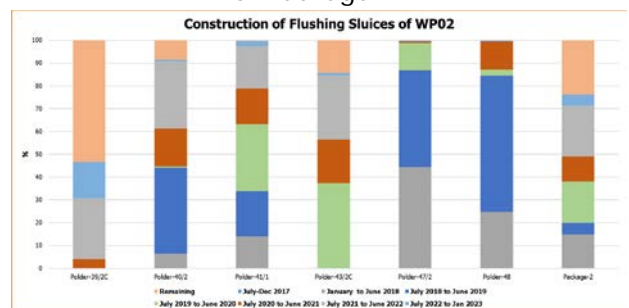


Figure 3-21: Construction of Flushing Sluice of Package-2

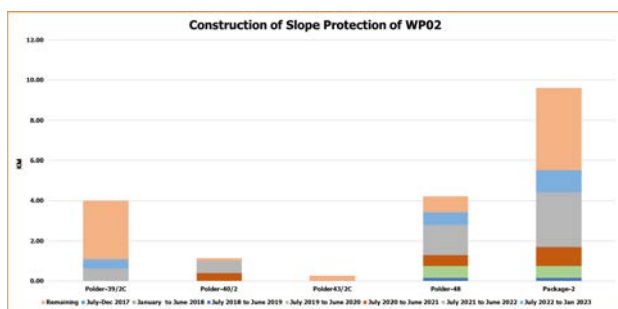


Figure 3-22: Construction of Slope Protection of Package-2

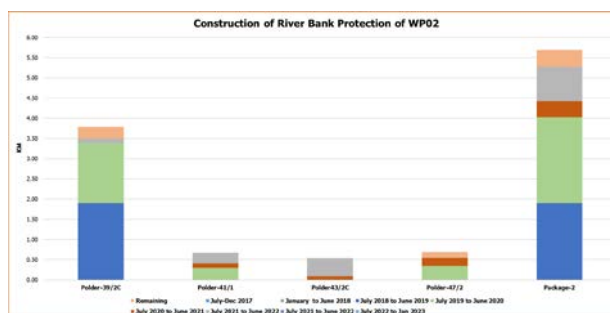


Figure 3-23: Construction of River Bank Protection of Package-2

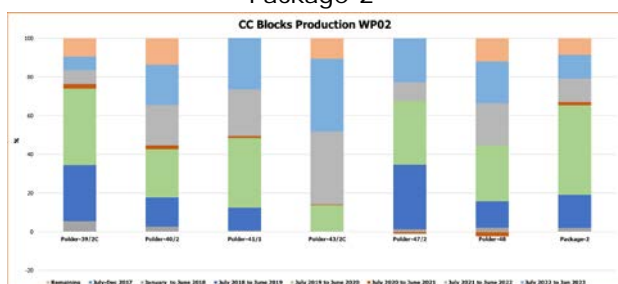


Figure 3-24: CC Blocks Production of Package-2

Table 3-50: CC Blocks Production as of January 2023

S.N.	Polder Number	Quantity as per Zero Cost Variation (Upto VO No. 01)	Cumulative Total as of 31 Dec 2022	Production during Jan 2023							Cumulative Total as of 31 Jan 2023
				40x40x40 (No)	40x40x20 (No)	30x30x30 (No)	40x40x30 (No)	60x60x40 (No)	60x60x60 (No)	Total (No)	
1	39/2C	5,324,023	5,016,626	0	0	2,743	0	0	0	2,743	5,019,369
2	40/2	437,858	401,914	0	0	0	0	0	0	0	401,914
3	41/1	592,665	572,306	0	0	0	0	0	0	0	572,306
4	43/2C	432,997	428,189	0	0	0	0	0	0	0	428,189
5	47/2	487,243	436,327	0	0	0	0	0	0	0	436,327
6	48	595,414	556,201	0	0	0	14,443	5,765	0	20,208	576,409
Total =		7,870,200	7,411,563	0	0	2,743	14,443	5,765	0	22,951	7,434,514

3.5.3 Deployment List of Contractor Personnel

The Contractor has established their site offices at Bhandaria, Kalapara, Barguna, Patharghata and their field head quarter at Patuakhali. The deployment list of Contractor staff is appended below in Table 3-51.

Table 3-51: Contractor Staffs available in Package-2

Sl. No.	Description	Total Nos.		Dhaka		Patuakhali		39/2C		40/2		41/1		43/2C		47/2		48	
		Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.
1	Management	45	10	6	1	4	0	17	5	4	1	3	1	4	1	0	0	7	1
2	Technical Staff	0	7	0	0	0	0	0	1	0	2	0	1	0	2	0	0	0	1
3	Operator/Driver	0	111	0	2	0	1	0	45	0	17	0	13	0	13	0	0	0	20
4	Skilled Labor	0	168	0	1	0	2	0	88	0	25	0	15	0	11	0	0	0	26
5	Unskilled Labor	0	210	0	1	0	1	0	108	0	44	0	13	0	8	0	0	0	35
6	Logistic	0	17	0	0	0	0	0	3	0	5	0	2	0	2	0	0	0	5
Total=		45	523	6	5	4	4	17	250	4	94	3	45	4	37	0	0	7	88

3.5.4 Equipment mobilization

The site works of Package-2 are going on with sufficient machineries and equipment. Mobilisation List of Equipment for Package-2 are reflected in Table 3-52 below:

Table 3-52: Mobilisation List of Equipment for Package-2

Sl No.	Equipment Name	Polder Wise Maximum Required							Deployed Status as on January 2023						Total Deployed
		Total Required	39/2C	40/2	41/1	43/2C	47/2	48	39/2C	40/2	41/1	43/2C	47/2	48	
1	B.dozer/ Vibrator Roller	32	10	6	2	3	0	11	3	2	2	2	0	3	12
2	Dum Truck / Tractor	94	30	17	6	8	0	33	9	25	13	8	0	89	144
3	Excavator	112	43	18	12	14	0	25	25	10	7	12	0	27	81
4	Sand Pile driving equipment Vibratory hammer for sheet pile	15	8	5	1	1	0	0	2	0	4	4	0	0	10
5	CC Block manufacturing machine/Brick Maker	5	5	0	0	0	0	0	5	1	1	0	0	1	8
6	Concrete Mixer Machine	78	42	16	7	8	1	4	5	12	12	14	0	16	59
7	Positioning Barge	4	1	0	1	1	1	0	3	0	3	0	0	0	6
8	Survey Vessel	3	1	0	1	1	0	0							0
9	Wheel Loader	4	1	0	1	1	1	0	6	3	3	4	0	5	21
10	Transportation barge	4	1	0	1	1	1	0	2	0	1	0	0	1	4
11	Tugboat	4	1	0	1	1	1	0	3		1			1	5
12	Generator	44							8	5	7	8	0	10	38
Total=		399	143	62	33	39	5	73	71	58	54	52	0	153	388



Figure 3-25: Turfing work for k13+100-k15+000 in Polder-40/2



Figure 3-26: Embankment turfing and afforestation work at km 1+170 in Polder-39/2C

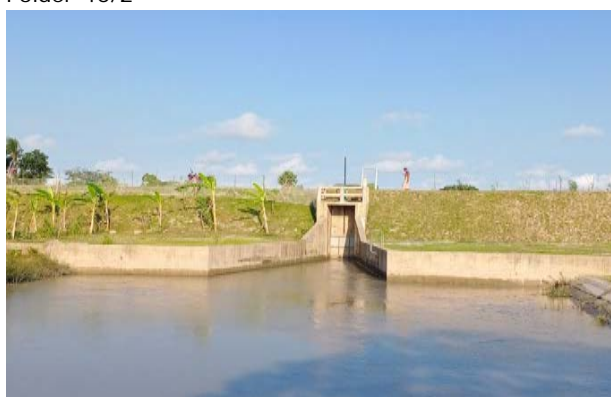


Figure 3-27: Complete Drainage Sluice DS-1 in Polder-40/2



Figure 3-28: Slope Protection work For KM 48+672-48+764 in Polder-39/2C



Figure 3-29: Slope Protection work from KM 30+800 to Km 31+450 in Polder-48

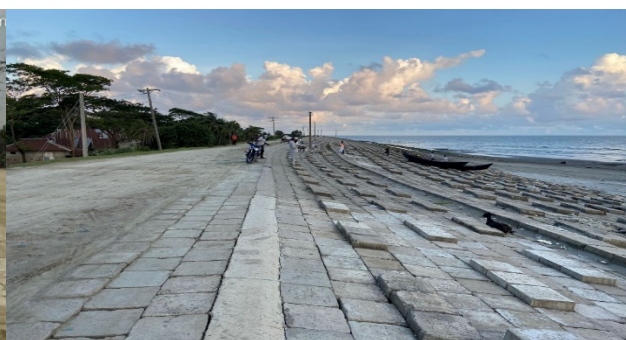


Figure 3-30: Slope protection work for km 32+015-34+300 in Polder-48

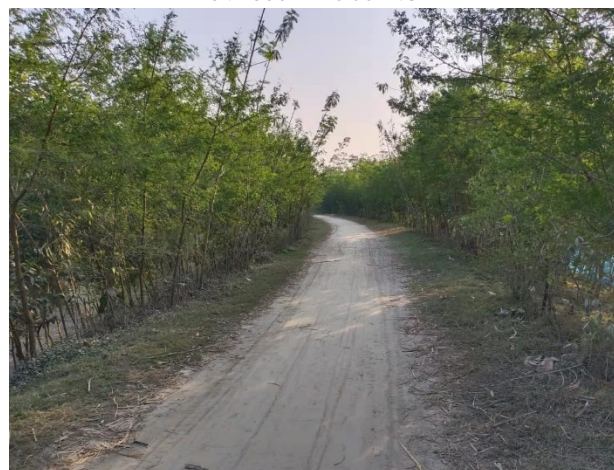


Figure 3-31: Completed Embankment of Polder-40/2

3.5.5 Plans for execution of works

Early in the work season of the current year 2022-2023, the contractor was advised to proceed with the top priority works of the embankment slope Protection at the important tourist hot spot location of Kuakata sea beach in Polder 48. Around 1.284 kilometres of slope protection works was targeted for completion in the on-going dry season in this Polder. The other priority works were the additional bank protection works in the four Polders (39/2C, 41/1, 43/2C & 47/2) during this dry session.

Embankment earth works and re-excavation of drainage channels included in the current year program for the Six Polders were also planned for execution in this dry season. All drainage channels included for re-excavation in the current year program were planned for completion. Although land acquisition was an issue impeding embankment earthworks construction in Polder 39/2C, 43/2C.

Program for Month of February 2023

Polder39/2C:

CC Block Manufacturing Yard1: (A) Nadmulla

- To manufacture 20,000 nos. of 40cmx40cmx30cm CC blocks.

CC Block Manufacturing Yard2: (A2) Charkhali

- No Program

CC block manufacturing yard 3: (B) Telikhali

- No Program

Other Construction Activities

- To start DS-1, DS-5, FS- 1, 3, 4, 5, 6, 10, 14 & 14/2 urgently;

- To complete the remaining works of FS-2, 2/1, 9, 11, 13, 14/1, 15 & 16 urgently;
- To complete the remaining work of DS-4, 8, 9 & 13;
- To complete the end termination work at Telekhali;
- To Progress the construction of embankment work;
- To Progress the Slope protection work.

Polder40/2

- To continue the manufacturing of CC Blocks;
- To progress & complete the slope protection work;
- To Complete the remaining work of construction work of FS-8, 9A & 11 & 16;
- To Completed the remaining work of DS-7A & 8;
- To complete the remaining re-sectioning work of embankment (Around 12.00 km);

Polder-41/1

- To Speed up progress of the earth work of embankment;
- To progress the construction work of DS-2:
- To complete the remaining work of FS-28 urgently;
- To complete the pitching work of river bank protection work.

Polder-43/2C

- To speed up the progress of earth work of embankment.
- To complete the backing filling work of DS-1, 2 & DS-6:

Polder-47/2

- To open the diversion channels & complete the remaining works of installation of gates of FS-1:
- To open the diversion channel & remaining works of gate DS-1 & DS-3.

Polder-48:

- To continue the manufacturing of CC Blocks:
- To continue the slope protection, work of sea dyke at Kuakata Beach;
- To speed up the progress of the earth work of embankment:
- To complete the turfing of embankment.

Other structures and embankment works are planned to be started very soon. Site activities on all structures will go through first, second, third, fourth & fifth dry season. Most of the sites works are scheduled during these five main dry seasons.

3.5.6 Pre-Construction Survey of all the Six Polder

Pre-construction survey progress is shown in below:

Table 3-53: Pre-construction Survey of all the Six Polders (Up to 31st January 2023)

SI No	Polder	Item	Total Quantity	Unit	Achievement	Progress of the field Survey
1	2	3	4	5	6	7
1	P-39/2C	BM/TBM verification	59.25	Km	59.25	100%
		Centreline Survey	59.25	Km	59.25	100%
		Pre-work Survey (EMB)	59.25	Km	59.250	100%
2	P-40/2	BM/TBM verification	34.200	Km	34.20	100%
		Centreline Survey	34.200	Km	34.20	100%
		Pre-work Survey (EMB)	34.200	Km	34.20	100%
3	P-41/1	BM/TBM verification	33.571	Km	33.571	100%

SI No	Polder	Item	Total Quantity	Unit	Achievement	Progress of the field Survey
		Centreline Survey	33.571	Km	33.571	100%
		Pre-work Survey (EMB)	33.571	Km	33.571	100%
4	P-43/2C	BM/TBM verification	25.7	Km	25.700	100%
		Centreline Survey	25.7	Km	25.700	100%
		Pre-work Survey (EMB)	25.7	Km	25.700	100%
5	P-47/2	BM/TBM verification	17.567	Km	17.567	100%
		Centreline Survey	17.67	Km	17.567	100%
		Pre-work Survey (EMB)	17.567	Km	17.567	100%
6	P-48	BM/TBM verification	38.000	Km	38.000	100%
		Centreline Survey	38.000	Km	38.000	100%
		Pre-work Survey (EMB)	38.000	Km	38.000	100%

3.5.7 Construction of Regional Office Building at Patuakhali, Kalapara and Pathorghata,

Regional Office Building at Patuakhali: Contractor prepared a detailed design of the Regional Office Building at Patuakhali which was submitted to Project Director, CEIP-1, PMU, and was approved. Approved detailed design was sent to the contractor to start the building at Patuakhali. The contractor started the work on 17 April 2019 and building work is in progress. The overall progress is about 95%.

Vertical Extension of BWDB's Existing Office Building at Kalapara, Patuakhali: The Building has been completed and handed over to the competent authority.

Rest house Re-construction at Pathorghata, Barguna: Re-construction work of Rest House at Pathorghata has been dropped as per decision of the employer and the saving amount will be used to construct the Office Building cum Rest House at Bhandaria, Pirojpur District. Construction of the Office cum Rest House at Bhandaria is included in variation order no.02 which is in process of approval.

Boundary Wall at Pathorghata BWDB Colony: The boundary wall has been 100% completed.

Laboratory Building at Patuakhali: The building has been completed and handed over.

3.5.8 Emergency works in different Polders

Emergency work in Polder-40/2 (km 12.92 to km 12.989, km 13.215 to km 13.411 and km 13.992 to km 14.077: cost BDT 2.795 million): Earth work in connection with emergency Ring-dyke Construction in polder-40/2 along the alignment of the damaged embankment is complete.

Placing of Geo-textile bags on the river side slope of Ring-dyke to protect the slope from wave action is complete.

Emergency work in Polder-41/1: (km 5.139 to km 5.189: Cost BDT 0.585million) Dumping of earth filled Synthetic bag along the river side slope of the damaged embankment in Polder-41/1 has been completed. Overall progress is 100%

Emergency work in Polder-47/2: (km 6.168 to km 6.618): Backing of the Embankment by earth filling is complete. Subsequent wave action needed additional temporary protection by sand filled Geo-bags and Pala siding works, which has been completed.

Emergency work in Polder-48:

- (Km 31.060 to km 31.220; km 31.280 to km 31.408; km 34.305 to km 34.525): Sea dyke slope protection works by Geo-bag, Gunny bag, Bullah, Bamboo etc was completed.
- Emergency work from km 31.060 to km 31.220 and km 31.280 to km 31.408 started from 9th April, 2019 and the work was completed.

Emergency work in Polder-39/2C:

- Emergency temporary bank protection work from Km 54.512 to Km 54+600 and Km 54+608 to Km 54+678 in Polder-39/2C started on 10th September'2019 and the work was completed.

Emergency work in Polder-47/2:

- Progress of the construction of emergency ring dyke from Km 6.265 to 6.745 (480 meter) in Polder 47/2 is 75% completed as on 30 June 2020 and then the work stopped.

Emergency work in Polder-43/2C:

- Progress of the construction of emergency Temporary Slope protection work from Km 19+449 to 19+509 & 19+646 to 19+771, Total 185 meter in Polder 43/2C is around 100% completed as on 31 July 2020.

Emergency work in Polder-47/2:

- Design and estimate for the emergency protective works from embankment Km 2+547 to 2+619 (72 meter) has already been approved and the progress of work is about 79% as on 31 October 2020.

Emergency work in Polder 39/2C:

- Progress of the emergency temporary river bank protection work for the bank erosion of left bank of Kocha River from Km 54+010 to Km 54+066 (56 meter) in Polder 39/2C of Package-2 under CEIP-1 is around 100% as on 31 December 2020.

Emergency work in Polder 41/1:

- Progress of Temporary Emergency Slope Protection Works from km 4+820 to km 4+920 (100m) in Polder 41/1 under Package-2 of CEIP-1 during the year 2020-2021 is 100% on 31 July 2021.

Emergency work in Polder 43/2C:

- Progress of Temporary Emergency Bank Protection Works from km 14+300 to km 14+480 (180m) in Polder 43/2C under Package-2 of CEIP-1 during the year 2020-2021 is 100% on 14 July 2021.

Emergency work in Polder 48:

- Progress of Temporary Emergency Slope/Bank Protection Works from km 30+750 to km 30+800 (50m) in Polder 48 under Package-2 of CEIP-1 during the year 2020-2021 is 100% on 15 July 2021.

Emergency work in Polder 43/2C:

- Progress of Temporary Emergency Embankment Slope Protection Works from km 19.875 to km 19.905 (30m) & km 20.188 to km 20.225 (37m) in Polder 43/2C under Package-2 of CEIP-1 during the year 2021-2022 is 100% on 25 August 2021.

Emergency work in Polder 43/2C:

- Progress of Temporary Emergency Slope Protection Works from km 19+483 to km 19+523 (40m) in Polder 43/2C under Package-2 of CEIP-1 during the year 2020-2021 is 100% on 26 August 2022.

The Summary as well as the details of the emergency works in different Polders are reflected in the following tables here below.

Table 3-54: Summary of Emergency works under the head of “Environmental Mitigation Works”

SI. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-39/2C	0.177	1,666,992.00
02	Polder-40/2	0.35	2,795,174.46
03	Polder-41/1	0.0509	560,125.89
04	Polder-43/2C	0	0.00
05	Polder-47/2	0.848	6,872,990.26
06	Polder-48	0	0.00
Total =		1.426	11,895,283

Total available budget as per Contract is BDT: 12,000,000.00

Table 3-55: Summary of Emergency works under the head of “Physical and Price Contingency (Emergency Works)”

SI. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-39/2C	0.379	3,580,818
02	Polder-40/2	0	0
03	Polder-41/1	0.100	1,633,155
04	Polder-43/2C	0.435	7,030,653
05	Polder-47/2	1.219	3,814,254
06	Polder-48	0.508	12,359,617
Total =		2.641	28,418,496.20

Total budget available for Physical and Price Contingency (Emergency Works) as per V.O. No.02 is BDT 50,000,000.00.

Table 3-56: Detailed of Emergency Works under the head of "Provisional Sum"

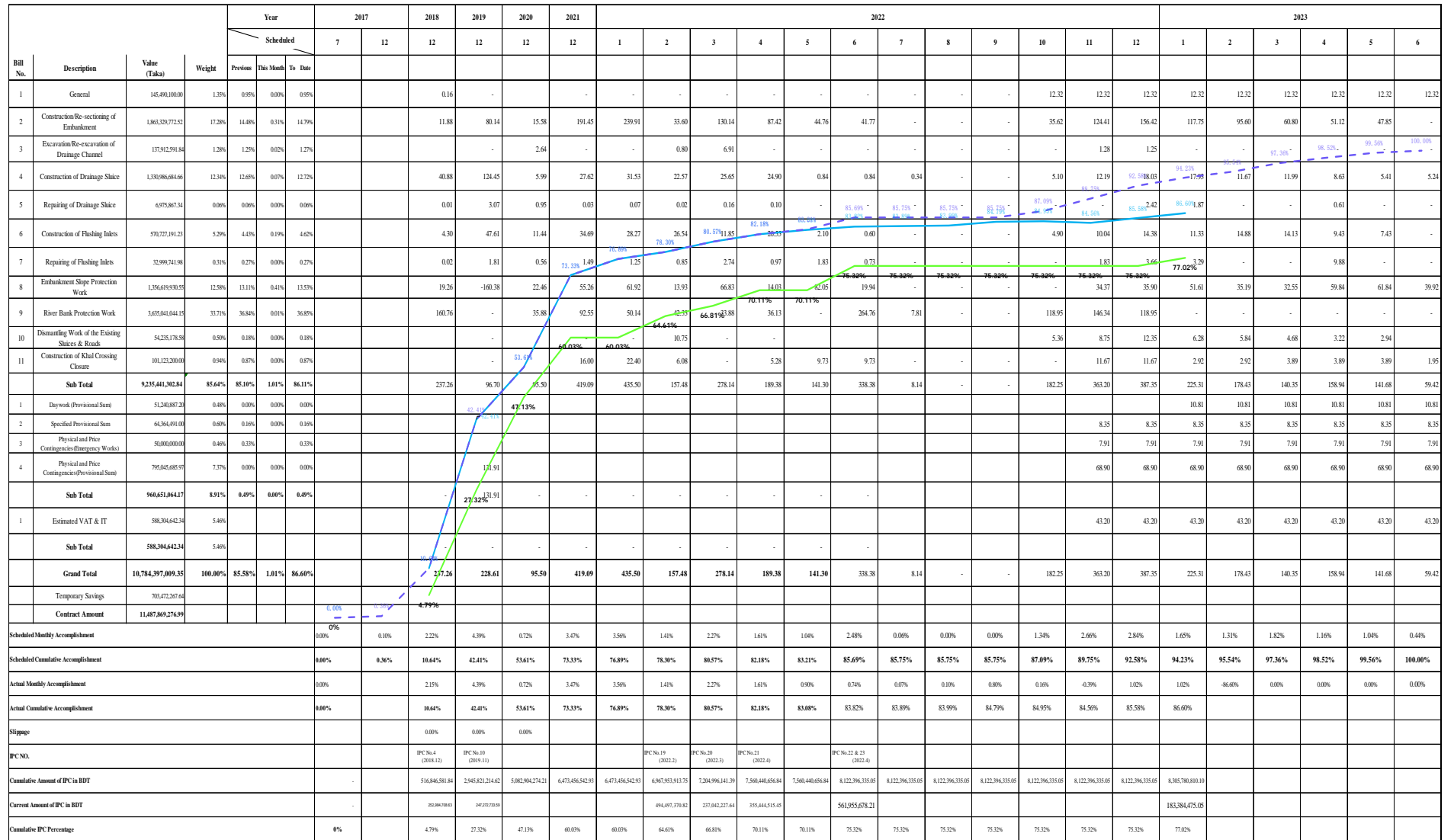
Sl. No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of location	Engineer Approved Date	Estimated Cost in BDT	Remarks	Year
1.	Polder-41/1	5.139	5.190	0.051	Burir Char Barguna	22-Aug-17	560,125.89	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
2.	Polder-47/2	6.168	6.618	0.450	Kalapara	2-Oct-17	1,454,046.70	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
3.	Polder-47/2	6.635	6.660	0.025	Kalapara	2-Oct-17	154,515.16	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
4.	Polder-40/2	12.920	12.989	0.069	Tafalbaria Pathorghata	14-Nov-17	2,795,174.46	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
5.	Polder-40/2	13.215	13.411	0.196	Amount 27,95,174.46	14-Nov-17	Cost is included in sl.4	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
6.	Polder-40/2	13.992	14.077	0.085	Amount 27,95,174.46	14-Nov-17	Cost is included in sl.4	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
7.	Polder-39/2C	54.195	54.372	0.177	Nadmulla	16-May-18	1,666,992.00	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
8.	Polder-47/2	6.453	6.478	0.025	Kalapara	15-Jul-18	168,575.92	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
9.	Polder-47/2	31.28	31.408	0.128	Kalapara	15-Jul-18	1,418,282.41	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
10.	Polder-47/2	34.305	34.525	0.220	Kalapara	15-Jul-18	3,677,570.07	Environmental Mitigation Work (Specified Provisional Sum)	FY 2017-18
Total				1.426			11,895,282.61		

Table 3-57: Detailed of Emergency Works under the head of “Physical & Price Contingency”

Sl. No.	Polder No.	Chainage From	Chainage To	Length (Km)	Name of location	Engineer Approved Date	Estimated Cost in BDT	Remarks	Year
1.	Polder-39/2C	0.275	0.440	0.165	Bhandaria, Bamuner Khal	24-Mar-18	1,677,973.00	Physical and Price Contingency	FY 2017-18
2.	Polder-39/2C	54.512	54.600	0.088	Nadmulla	9-Sep-19	775,917.00	Physical and Price Contingency	FY 2019-20
3.	Polder-39/2C	54.608	54.678	0.070	Nadmulla	9-Sep-19	616,858.00	Physical and Price Contingency	FY 2019-20
4.	Polder-39/2C	54.010	54.066	0.056	Nadmulla	6/21/2021	510,069.82	Physical and Price Contingency	FY 2020-21
5.	Polder-41/1	4.820	4.920	0.100	Near Payra River	6/8/2021	1,633,154.64	Physical and Price Contingency	FY 2020-21
6.	Polder-43/2C	19.483	19.523	0.040	Lohalia River	01-Dec-22	2,423,204.92	Physical and Price Contingency	FY 2022-23
7.	Polder-43/2C	19.449	19.509	0.060	Kalapara	09-May-20	2,190,291.84	Physical and Price Contingency	FY 2019-20
8.	Polder-43/2C	19.646	19.771	0.125	Kalapara	10-May-20		Physical and Price Contingency	FY 2019-20
9.	Polder-43/2C	14.300	14.480	0.180	Lohalia River	6/8/2021	1,581,936.74	Physical and Price Contingency	FY 2020-21
10.	Polder-43/2C	19.875	19.905	0.030	Lohalia River	16 Aug, 2021	835,219.70	Physical and Price Contingency	FY 2021-22
11.	Polder-47/2	6.200	6.711	0.511	Kalapara	04-Dec-22	1,223,082.16	Physical and Price Contingency	FY 2022-23
12.	Polder-47/2	6.300	6.375	0.075	Kalapara	01-Aug-18	555,379.53	Physical and Price Contingency	FY 2017-18
13.	Polder-47/2	6.550	6.592	0.042	Kalapara	01-Aug-18	290,209.45	Physical and Price Contingency	FY 2017-18
14.	Polder-47/2	6.670	6.692	0.022	Kalapara	01-Aug-18	109,704.67	Physical and Price Contingency	FY 2017-18
15.	Polder-47/2	6.710	6.727	0.017	Kalapara	01-Aug-18	103,196.95	Physical and Price Contingency	FY 2017-18
16.	Polder-47/2	6.265	6.745	0.480	Kalapara	21-Jun-21	1,233,423.35	Physical and Price Contingency	FY 2020-21
17.	Polder-47/2	2.545	2.617	0.072	Pairpur	10-May-20	299,257.47	Physical and Price Contingency	FY 2020-21
18.	Polder-48	31.060	31.220	0.160	Kuakata	08-Apr-19	2,414,561.67	Physical and Price Contingency	FY 2017-18
19.	Polder-48	31.280	31.408	0.128	Kuakata	29-Jul-18	1,840,849.69	Physical and Price Contingency	FY 2018-19
20.	Polder-48	34.305	34.525	0.220	Kuakata	08-Jun-18	8,104,205.60	Physical and Price Contingency	FY 2018-19
Total=				2.641			28,418,496.20		

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Figure 3-32: S Curve for Package-2



Legend: — SCHEDULE — ACTUAL — IPC

3.5.9 Finance (Invoices) Contractor Package-2

IPC-01 of Contractor Package-2 concerned the first instalment of the 5% Advanced payment and was paid on 28 June 2017;

IPC-02 concerned the second instalment of the 5% Advanced payment which was recommended by the Engineer and was paid by the Employer on June 2018;

IPC-3 was recommended by the Engineer and paid by the Employer on 20 June 2018;

IPC-4 was submitted to the Employer on 29th October 2018 by the Engineer with recommendation for payment and paid by the Employer on 19 December 2018;

IPC-5 was submitted to the Engineer on 27 December 2019 and it was sent by the Engineer to the Employer on 10 January 2019 with recommendation for payment and paid by the Employer on 30 January 2019.

IPC-6 was submitted to the Engineer on 28 February 2019 and the IPC was sent by the Engineer to the Employer on 14 March 2019 with recommendation for payment and paid by the Employer on 28 March 2019;

IPC-7 was submitted to the Engineer on 28 April 2019 and the IPC was sent by the Engineer to the Employer on 05 May 2019 with recommendation for payment and paid by the Employer on 22 May 2019;

IPC-8 was submitted to the Engineer on 25 June 2019 and the IPC was sent by the Engineer to the Employer on 27 June 2019 with recommendation for payment and paid by the Employer on 27 June 2019;

IPC-9 was submitted to the Engineer on 29 June 2019 and the IPC was sent by the Engineer to the Employer on 30 June 2019 with recommendation for payment and paid by the Employer on 30 June 2019;

IPC-10 was submitted to the Engineer on 22 October 2019 and the IPC was sent by the Engineer to the Employer on 05 November 2019 with recommendation for payment and paid by the Employer on 22 December 2019;

IPC-11 was submitted to the Engineer on 04 February 2020 and the IPC was sent by the Engineer to the Employer on 06 February 2020 with recommendation for payment and paid by the Employer on 19 February 2020;

IPC-12 was submitted to the Engineer on 04 March 2020 and the IPC was sent by the Engineer to the Employer on 07 March 2020 with recommendation for payment and paid by the Employer on 24 March 2020;

IPC-13 was submitted to the Engineer on 25 April 2020 and the IPC was sent by the Engineer to the Employer on 18 May 2020 with recommendation for payment;

IPC-14 was submitted to the Engineer on 28 June 2020 and the IPC was sent by the Engineer to the Employer on 30 June, 2020 with recommendation for payment and paid by the Employer on 30 June, 2020.

IPC-15 was submitted to the Engineer on 14 March, 2021 and the IPC was sent by the Engineer to the Employer on 22 March, 2021 with recommendation for payment and paid by the Employer on 07th April, 2021.

IPC-16 was submitted to the Engineer on 22nd May, 2021 and the IPC was sent by the Engineer to the Employer on 24th May, 2021 with recommendation for payment and paid by the Employer on 13th June, 2021.

IPC-17 was submitted to the Engineer on 28th June, 2021 and the IPC was sent by the Engineer to the Employer on 30th June, 2021 with recommendation for payment and paid by the Employer on 30th June, 2021.

IPC-18 was submitted to the Engineer on 23rd November 2021 and the IPC was sent by the Engineer to the Employer on 29th November 2021 with recommendation for payment and paid by the Employer on 7th December 2021.

IPC-19 was submitted to the Engineer on 19th January 2022 and the IPC was sent by the Engineer to the Employer on 23rd January 2022 with recommendation for payment and paid by the Employer on 24th February 2022.

IPC-20 was submitted to the Engineer on 3rd March 2022 and the IPC was sent by the Engineer to the Employer on 14th March 2022 with recommendation for payment and paid by the Employer on 29th March 2022.

IPC-21 was submitted to the Engineer on 21st April 2022 and the IPC was sent by the Engineer to the Employer on 24th April 2022 with recommendation for payment and paid by the Employer on 18th May 2022.

IPC-22 was submitted to the Engineer on 11th June 2022 and the IPC was sent by the Engineer to the Employer on 14th June 2022 with recommendation for payment and paid by the Employer on 23rd June 2022.

IPC-23 was submitted to the Engineer on 25th June 2022 and the IPC has been sent by the Engineer to the Employer on 28th June 2022 with recommendation for payment and paid by the Employer on 30th June 2022.

IPC-24 was submitted to the Engineer on 27th December 2022 and the IPC has been sent by the Engineer to the Employer on 11th January 2023 with recommendation for payment and paid by the Employer on 24th January 2023.

3.5.10 Contract Modifications

Detailed description has been made about Contract Modifications in Sub-item 2.2 Package-2 under Item 2. Summary of Key Achievements during the reporting month.

Based on the claim of the Contractor and recommendation of the Engineer Extension of Time has been approved by the Competent Authority up to 30th June 2023 with the condition that no claim will be acceptable due to extension of time which has been communicated to the Engineer by the Project Director vide memo. no. CEIP-1/W-02/1224 dated: 20th September 2022 and accordingly, Engineer has informed the Contractor.

3.5.11 Tentative Forecast of Payment of Package-2:

Tentative forecast of Payment for FY 2022-23 of Package-2 has been reflected in the following table.

Table 3-58: Tentative forecast of Payment for FY 2022-23 of Package-2

IPC No.	Month of Submission	Forecast Value of IPC in BDT	Remark
IPC-24	November 2022	569,939,589.00	IPC-24 has been submitted by the Contractor in December 2022 and Engineer send to Employer. Employer paid 24 th Jan 2023.
IPC-25	January 2023	523,164,607.00	IPC-25 has been submitted by the Contractor in December 2022 which is under review by the Engineer.
IPC-26	March 2023	501,345,867.00	
IPC-27	May 2023	573,911,552.00	
IPC-28	June 2023	237,319,283.00	
Total		2,405,680,898	

3.6 Task D: Project Management Support Services

3.6.1 Financial Projection

Disbursements of funds for IPCs are well-known and the planned future disbursements depend on the work plan works scheduling. IPC is submitted when the monetary value of the works done over a new period reaches a threshold value (percentage of the contract value). In general, during a good construction season, each IPC amount of every month to be minimum US\$ 10.45 Million and US\$ 43.55 Million for Package-1 & Package-2 respectively considering the completion date up to January 2023 for Package-1 and June 2023 for Package-2. IPC-27 was submitted to the Employer by the Engineer on 31st July 2022 with recommendation for payment but the same was returned to the Engineer on 1st August 2022 with some comments. Engineer re-submitted the IPC-27 to the Employer on 19th September 2022 with recommendation for payment. IPC-28 and IPC-29 have been submitted by the Contractor to the Engineer but those have not yet sent to the Employer by the Engineer as the Contractor has not yet extended Contractor All Risks (CAR) Insurance Policy which is a contractual obligation for the Contractor. The Contractor of Package-2 has submitted IPC-24 and that has been submitted to PMU by the Engineer with recommendation for payment to the Employer and Employer made payment on 24th January 2023. The next IPCs are, however, expected by February 2023 from both the Contractors.

3.6.2 Modification of Consultancy Contract

Detailed description has been made about Modification of Consultancy Contract for DDCS & PMS Consultants in Sub-item 1.3 other tasks Consultant Sl.no.6 under Item 1. Executive Summary.

3.6.3 Staffing and staff changes approved or in process during the month

Table 3-59: Overview of Staffing (including Proposed Replacements)

Description of Staffs	Position	Original Staff	Current Staff	Remarks
A. International Key Staff	Team Leader	Jean Henry Laboyrie	Jean Henry Laboyrie	Available
	Design Engineer	Alec Sleigh	Arend jan van de kerk	
	River Training Engineer	Bert te Slaa	Bert te Slaa	
	Sociologist/Resettlement Specialist	Dr. Salim Zaman	Dr. Salim Zaman	
	Quantity Surveyor - 1	Barbara Hellet	Mr. Rainier Manansala Dela Cruz	Available
	Construction Resident Engineer - 1	Trevor Morish Hale	Trevor Morish Hale	
	Construction Resident Engineer - 2	Gerard Pichel	GM Akram Hossain	Not available

Description of Staffs	Position	Original Staff	Current Staff	Remarks
	Contract Management Specialist	Rob Brouwer	Rob Brouwer	
	Procurement Specialist	Barbara Hellet	Barbara Hellet	
	Environmental Specialist	Henk Blok	Henk Blok	
	Morphological Modeler	Henrik Rene Jensen	Henrik Rene Jensen	
	Environmental Specialist	Anders Malgrem Hansen	Anders Malgrem Hansen	
	Quantity Surveyor - 2	Andrew Cook	Andrew Cook	
B. International Non-Key Staff	Sociologist/Resettlement Specialist	Roy Timmer	Dr. Salim Zaman	
	Geo-Technical Engineer	Joost van der Schrier	Joost van der Schrier	
	Estuary and River Morphology Modeler	Bo Brahtz Christensen	Bo Brahtz Christensen	
	River and Coastal Expert	Ranjit Galappatti	Ranjit Galappatti	
A. National Key Staff	Deputy Team Leader	Md. Habibur Rahman	A K M Momtaz Uddin	Available
	Deputy Resident Engineer - 1	Mazibur Rahman Khan	Mr. A.K.M. Sayeed Uddin	
	Deputy Resident Engineer - 2	Md. Gulzer Hossain	Mr. Mohammad Ali	Available
	Re-settlement Specialist/Sociologist	Kh. Khairul Matin	Md. Zainal Abedin	
A. National Non-Key Staff	Design Engineer	Md. Anwar Hossain Bhuiyan	Md. Anwar Hossain Bhuiyan	
	Geo-Technical Engineer	Md. Nurul Islam	Md. Nurul Islam	
	Design Engineer	Mr. Mahbubur Rahman	Mr. Mahbubur Rahman	Available
	Environmentalist	Sheikh Muhammad Abdur Rashid	Sheikh Muhammad Abdur Rashid	
	Sociologist/Resettlement Specialist	Md. Ferdous Rahman	Md. Ferdous Rahman	Available
	Geographical Information System Expert	Md. Monirul Haque	Md. Monirul Haque	
	Procurement Specialist	Md. Humayun Kabir	Md. Humayun Kabir	
	Senior Estimator - 1	Md. Ansar Ali Mia	Md. Ansar Ali Mia	
	Senior Estimator - 2	Md. Nazrul Islam	Md. Gulzer Hossain	
	Survey Engineer - 1	Pankaj Kumar Moitra	Pankaj Kumar Moitra	Available
	Survey Engineer - 2	Md. Amirul Islam	Md. Amirul Islam	
	Survey Engineer - 3	ABM Anwar Haidar	Abu Taiub Mia	
	Junior Design Engineer - 1	Ms. Selina Akhter	Ms. Selina Akhter	
	Junior Design Engineer - 2	Ms. Shaikh Naureen Laila	Ms. Selina Akhter	
	Auto CAD Specialist - 1	Ms. Marjan Mallik	Md. Asadujjaman	
	Auto CAD Specialist - 2	Biprojit Paul	Ms. Nahid Farjana	
	River and Coastal Expert	Md.Zahirul Haque Khan	Md.Zahirul Haque Khan	
	Construction Supervision Engineer - 1	Md. Mukhlesur Rahman	S.M. Saiful Islam	
	Construction Supervision Engineer - 2	Shyamal Kumar Dutta	Shyamal Kumar Dutta	
	Construction Supervision Engineer - 3	SK Golam Quader	Md. Mainul Islam	
	Construction Supervision Engineer - 4	Abdul Jalil	AKM Mazibur Rahman	Available
	Quality Control Specialist - 1	Md. Abdur Razzaque Khan	Md. Delowar Hossain	
	Quality Control Specialist - 2	Md. Sekendar Ali	Md. Rafiqul Alam	
	Procurement / Contract Management Specialist	Md. Tafazzal Ali	Md. Aminur Rahman	Available
	Environmental Specialist	Dr. Quazi Alamgir Kabir	Abu Bakr Siddique	Available
	Resettlement Specialist/Sociologist	Md. Mustafizur Rahman	Md. Mustafizur Rahman	
	Land Acquisition Officer	Benu Gopal Dey	Kh. Mahabub Alam	
	Geo-Technical and Foundation Specialist	Mizanur Rahman	Ashraf Ul Abedin	
	Mechanical Engineer - 1	Monojit Kumar Bagchi	Monojit Kumar Bagchi	
	Mechanical Engineer - 2	Md. Rashidul Islam	Md. Rashidul Islam	Available
	Agronomist	Dr. Santosh Kumer Sarker	Dr. Santosh Kumer Sarker	
	Fisheries Expert	Md. Mokammel Hossain	Md. Mokammel Hossain	
	Senior Estimator - 2	Md. Nazrul Islam	Md. Gulzer Hossain	
	Economist	Md. Aminul Islam	Md. Aminul Islam	
Construction Supervision Engineer - 5	Md. Sadiqul Islam	Md. Sadiqul Islam	Available	
Construction Supervision Engineer - 6	Md. Ghiasuddin Ahmad	Md. Harun ar Rashid	Available	
Quality Control Specialist - 3	Md. Ali Jinnah	Md. Ali Jinnah		
Quality Control Specialist - 4	Md. Harun Ur Rashid	Md. Harun Ur Rashid	Available	
A. Other Staffs	Office Manager	Md. Shahadat Hossain	Md. Shahadat Hossain	Available
	Office Manager (Khulna)	Jakir Hossen	Md. Mizanur Rahman	Available
	Office Manager (Patuakhali)	Mehede Hasan	Mehede Hasan	Available
	Accounts Officer (Dhaka)	Md. Fazlul Karim Khan	Md. Fazlul Karim Khan	Available
	Accounts Officer (Dhaka)	Md. Badarudduza	Md. Badarudduza	Available

Description of Staffs	Position	Original Staff	Current Staff	Remarks
	Office Secretary (Dhaka)	Mahmuda Islam	Mahmuda Islam	Available
	Computer Operator (Dhaka)	Md. Abdulla Al Mamun	Md. Abdulla Al Mamun	Available
	Computer Operator (Dhaka)	Md. Delowar Hossain	Md. Delowar Hossain	Available
	Field Engineer	Md. Hasibur Rahman	Md. Hasibur Rahman	Available
	Field Engineer	Md. Lakidul Islam	Md. Lakidul Islam	Available
	Field Engineer	Md. Samsul Alam -1	Md. Samsul Alam	Available
	Field Engineer	Md. Jamal Uddin	Md. Jamal Uddin	Available
	Field Engineer	Khandaker Shamim Ahmed	Khandaker Shamim Ahmed	Available
	Field Engineer	Md. Monirul Islam	Md. Monirul Islam	Available
	Field Engineer	Md. Shohel Rana	Md. Shohel Rana	Available
	Field Engineer	Md. Abdulla Al Mamun	Md. Abdulla Al Mamun	Available
	Field Engineer	Md. Rakibul Islam Nahid	Md. Rakibul Islam Nahid	Available
	Field Engineer	Md. Lutfor Rahman	Md. Lutfor Rahman	Available
	Field Engineer	Mst. Mousumi Khatun	Mst. Mousumi Khatun	Available
	Field Engineer	Noor A Alam	Noor A Alam	Available
	Field Engineer	Kamrul Hasan	Kamrul Hasan	Available
	Field Engineer	S.M. Shamim Hasan	S.M. Shamim Hasan	Available
	Field Engineer	Md. Monir Hosen	Md. Monir Hosen	Available
	Field Engineer	Motahar Hossain Mamun	Motahar Hossain Mamun	Available
	Field Engineer	Md. Liton Azad	Md. Liton Azad	Available
	Field Engineer	Allama Hammed Toha	Allama Hammed Toha	Available
	Lab Technician	Md. Aminur Rahman	Md. Aminur Rahman	Available
	Lab Technician	Md. Rubayat Hossain	Md. Rubayat Hossain	Available
	Lab Technician	Swapan Kumar Sarker	Swapan Kumar Sarker	Available
	Lab Technician	Md. Ohidul Islam Sheikh	Md. Ohidul Islam Sheikh	Available
	Office Secretary (Patuakhali)	Abdullah Al Masun	Abdullah Al Masun	Available
	Computer Operator (Khulna)	Hosnewara Khatun	Hosnewara Khatun	Available
	Computer Operator	Md. Bellal Hossain	Md. Bellal Hossain	Available
	Computer Operator	Md. Kazi Rezaul Hoque	Md. Kazi Rezaul Hoque	Available
	Computer Operator	Md. Jakaria Islam	Md. Jakaria Islam	Available
	Office Peon	Md. Jahangir Alam	Md. Jahangir Alam	Available
	Office Peon	Md. Gaffar Sarker	Md. Gaffar Sarker	Available
	Office Peon (Khulna)	Md. Sojib Hossen	Md. Sojib Hossen	Available
	Office Peon (Patuakhali)	Md. Rownaqu Islam	Md. Rownaqu Islam	Available
	Office Peon (Patuakhali)	Md. Babul Akhter	Md. Babul Akhter	Available
	Office Peon (Dhaka)	Sohan Mia	Sohan Mia	Available
	Messenger (Dhaka)	Sheikh Rabiul Islam	Sheikh Rabiul Islam	Available
	Cleaner/ Chowkidar	Md. Shohidul Islam	Md. Shohidul Islam	Available
	Cleaner/ Chowkidar	Nargis Begum	Nargis Begum	Available
	Chowkidar (Khulna)	Ariful Islam	Ariful Islam	Available

3.6.4 Monthly Tentative Forecast of Payment for DDCS & PMS Consultants:

Tentative forecast of payment for DDCS & PMS Consultants for FY 2022-2023 has been reflected in the Table 3-62.

Table 3-60: Tentative forecast of payment for DDCS & PMS Consultants for FY 2022-2023

Invoice No.	Invoice Month	Submission Month	Projected Value of Invoice (BDT)/(EURO)	Actual Value of Invoice (BDT)/(EURO)	Remarks
Local Currency					
LC- 45	May-June 2022	August 2022	16,184,321.03	25,129,151.03	Paid
LC- 46	Jul-August 2022	August 2022	28,000,000.00		
LC- 47	Sept-Oct 2022	October 2022	35,000,000.00		
LC- 48	Nov-Dec 2022	December 2022	28,000,000.00		
LC- 49	Jan-Feb 2023	February 2023	24,200,000.00		

Invoice No.	Invoice Month	Submission Month	Projected Value of Invoice (BDT)/(EURO)	Actual Value of Invoice (BDT)/(EURO)	Remarks
LC- 50	Mar-Apr 2023	April 2023	35,000,000.00		
LC- 51	May-Jun 2023	June 2023	35,000,000.00		
Total=			201,384,321.03		
Foreign Currency					
FC-46	Jul-August 2022	August 2022	132,734.00		
FC-47	Sept-Oct 2022	October 2022	100,000.00		
FC-48	Nov-Dec 2022	December 2022	120,000.00		
FC-49	Jan-Feb 2023	February 2023	130,000.00		
FC-50	Mar-Apr 2023	April 2023	120,000.00		
FC-51	May-Jun 2023	June 2023	130,000.00		
Total=			732,734		

3.6.5 Finance (Invoices) RHDHV/DDCS & PMS Consultants

Table 3-61: Overview of Consultants Invoices since Project Inception

SI No. of Invoices	Payment in EURO			Payment in BDT		
	Amount invoiced	Date submitted	Date paid	Amount invoiced	Date submitted	Date paid
Advance Payment	481,134.90	30-Dec-14	1-Apr-15	59,249,809.60	30-Dec-14	1-Apr-15
Invoice No 1	50,908.14	25-May-15	11-Jun-15	1,119,426.94	15-June-15	16-Jun-15
Invoice No 2	129,241.61	25-May-15	11-Jun-15	5,952,195.13	17-June-15	16-Jun-15
Invoice No 3 (Part)	60,000.00	21-June-15	22-Jun-15	7,967,524.20	30-Jun-15	30-Jun-15
Invoice No 3 (Part)	70,282.49	21-June-15	06-Oct-15	33,150,070.88	30-Jun-15	27-Sep-15
Invoice No 4	206,972.03	27-Sep-15	02-Dec-15	14,332,732.78	27-Sep-15	29-Nov-15
Invoice No 5	169,555.53	15-Nov-15	10-Dec-15	25,991,948.77	30-Nov-15	10-Jan-16
Invoice No 6	74,062.24	17-Jan-16	04-Feb-16	14,590,698.64	03-Jan-16	27-Jun-16
Invoice No 7	201,749.51	01-June-16	30-Jun-16	15,016,503.44	19-June-16	30-Jun-16
Invoice No 8	140,967.65	01-June-16	30-Jun-16	692,718.66	19-June-16	30-Jun-16
	0.00			36,351,389.86	19-June-16	10-Nov-16 (Partly Paid)
Invoice No 9	153,881.30	30-June-16	30-Jun-16	19,138,626.07	27-Nov-16	02-Mar-17
Invoice No 10	243,824.28	23-Oct-16	09-Nov-16	15,095,311.81	27-Nov-16	02-Mar-17
Invoice No 11	224,255.11	06-Nov-16	1-Jun-17	15,623,144.38	07-Dec-16	18-May-17
Invoice No 12	211,748.62	15-Jan-17	1-Jun-17	51,335,041.98	15-Jan-17	18-May-17
Invoice No 13	149,954.66	10-Apr-17	1-Jun-17	25,796,446.77	16-Mar-17	18-May-17
Invoice No 14	51,073.50	3-May-17	18-Oct-17	9,847,754.23	1 Jun-17	29-Jun-17
Invoice No 15	359,744.20	16-Oct-17	10-Dec-17	18,863,496.23	29-Jun-17	29-Jun-17 (Partly Payment)
	0.00	16-Oct-17	10-Dec-17	3,123,876.54	10-Dec-17	10-Dec-17 (Partly Payment)
Invoice No. 16	82,732.65	26-Oct-17	10-Dec-17	28,318,643.89	10-Dec-17	29-Jan-18
Invoice No. 17	129,562.33	22-Nov-17	03-Dec-17	1,597,5427.00	10-Dec-17	29-Jan-18
Invoice No. 18	216,541.94	25-Feb-18	30-Apr-18	18284749.64	19-Apr-18	30-Apr-18
Invoice No. 19	126,541.94	15-Apr-18	30-Apr-18	25067376.46	19-Apr-18	30-Apr-18
Invoice No. 20	90,204.56	4-Jun-18	9-Jun-18	36,031,005.53	27-May-18	9-Jun-18
Invoice No. 21	85,705.24	21-June-18	30-Jun-18	18,677,806.77	30-June-18	30-June-18
Invoice No. 22	135,163.94	10-Sep-18	23-Dec-18	20,437,707.45	10-Oct-18	09-Dec-18

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SI No. of Invoices	Payment in EURO			Payment in BDT		
	Amount invoiced	Date submitted	Date paid	Amount invoiced	Date submitted	Date paid
Invoice No. 23	122,330.66	01-Jan-19	30-Mar-19	127,219,58.17	20-Dec-18	20-Feb-19
Invoice No. 24	94,865.43	01-Jan-19	25-Mar-19	12,123,246.79	11-Feb-19	25-Mar-19
Invoice No. 25	101,908.93	14-Mar-19	25-Mar-19	28,104,552.17	21-May-19	30-May-19
Invoice No. 26	102,016.32	26-Jun-19	27-Jun-19	14,008,004.31	27-Jun-19	27-Jun-19
Invoice No. 27	88,698.49	30-Jun-19	30-Jun-19	14,240,648.43	30-Jun-19	30-Jun-19
Invoice No. 28	24,002.59	19-Dec-19	20-Jan-20	37,413,649.93	19-Dec-19	20-Jan-20
Invoice No. 29	60,375.90	19-Dec-19	20-Jan-20	21,506,237.37	19-Dec-19	20-Jan-20
Invoice No. 30	199,141.45	24-Feb-20	25-Feb-20	19,736,470.06	27-Feb-20	25-Feb-20
Invoice No. 31	97400.49	18 Mar-20	30-Jun-20	28,623,021.06	08-May-20	17-May-20
Invoice No. 32	82,884.43	8-May-20	30-Jun-20	18,373,088.31	08-May-20	17-May-20
Invoice No. 33	67,391.39	30-Jun-20	30-Jun-20	18,132,800.03	30-Jun-20	30-Jun-20
Invoice No. 34	62,739.09	14-Oct-20	12-Jan-21	14,624,097.66	14-Oct-20	12-Jan-21
Invoice No. 35	94,637.90	13-Dec-20	12-Jan-21	10,962,805.39	03-Dec-20	12-Jan-21
Invoice No. 36	96,035	15-Mar-21		13,811,729	15-Mar-21	30-Jun-21
Invoice No. 37 (Part)	32,840.43	15-Mar-21	30-Jun-21	12,149,448.08	15-Mar-21	30-Jun-21
Invoice No. 37 (Part)	42,777.61	1-Apr-21	30-Jun-21	5,543,294.37	30-Jun-21	30-Jun-21
Invoice No. 38	100,467.43	20-May-21	30-Jun-21	3,656,867.77	30-Jun-21	30-Jun-21
Invoice No. 39	51,317.18	30-Jun-21	30-Jun-21	58511657.95	10-Oct-21	3-Jan-22
Invoice No. 40	125,220.00	11-Nov-21	24-Feb-22	17,210,330.67	16-Nov-21	24-Feb-22
Invoice No. 41	83,071.45	11-Nov-21	24-Feb-22	17444121.68	8-Dec-21	23-Mar-22
Invoice No. 42	105,719.72	23-Jan-22	27-Apr-22	15,184,263.75	8-Mar-22	27-Apr-22
Invoice No. 43	84,841.67	18-Apr-22	16-Jun-22	38,846,070.90	7-Apr-22	27-Apr-22
Invoice No. 44	51,675.82	25-May-22	16-Jun-22	19,321,770.80	16-Jun-22	30-Jun-22
Invoice No. 45	98,576.26	30-Jun-22	17-Nov-22	25,129,151.03	30-Jun-22	24-Nov-22
Invoice No. 46	125,256.84	17-Nov-22				
Invoice No. 47	117829.50	17-Nov-22				
Total Amount Invoiced =	6,159,830.35			1,000,816,038.33		

Annex 1: Updated Physical Site Works: Package-1& 2

Package-1 (weightage basis)

BoQ Item	Activity Name	Unit	Weightage as per VO NO. 05	Weight (Partial)	Name of Work	Quantity as per VO No. 5	Actual Quantity	Percentage Completed	Weighted Percentage	Achieved Weightage	Status as of January 2023	Contract Value as per Variation No. 5 (BDT)	Cumulative Value of Work Executed (BDT)	Cumulative Amount of Permanent Work (BDT)	Cumulative Amount including Permanent Work, Tax+Vat & Price Adjustment (BDT)
Item No. 1	General Mobilisation		7.89%					92.00%	7.259%	7.2590%	92.00%	492,947,161.80	453,511,388.86	444,355,913	458,689,033
Item No. 2	Embankment Construction/ Re-sectioning	Cum	24.99%			6,451,538	6,425,256	99.59%	24.892%	24.8917%	99.59%	1,561,482,189.03	1,555,120,943.27	1,409,347,527	1,506,741,969
Item No. 3	Drainage Channel Excavation/ Re-excavation	Cum	2.83%			1,535,278.93	1,535,278.93	100.00%	2.834%	2.8341%	100.00%	177,063,722.57	177,063,722.57	122,474,102	145,778,568
Item No. 4	Drainage Sluice Construction	No	9.77%							9.7123%	99.43%	610,286,036.34	606,781,582.90	581,982,138.12	707,153,804.56
			0.46%		Casting Block size 40cm x 40cm x 20cm.	99,424	92,914	93.45%	0.429%			28,689,652.20	26,811,140.32		
			0.32%		Casting Block size 30cm x 30cm x 30cm.	80,850	74,175	91.74%	0.289%			19,695,025.95	18,069,084.39		
			8.99%		Other Drainage Sluices Construction Works	561,901,358.19	561,901,358	100.00%	8.994%			561,901,358.19	561,901,358.19		
Item No. 5	Drainage Sluice Repair	No	0.13%							0.1259%	98.67%	7,969,770.01	7,863,856.57	4,737,165.26	5,958,241.44
			0.01%		Casting Block size 40cm x 40cm x 20cm.	2,556	2,389	93.45%	0.011%			737,614.98	689,318.17		
			0.01%		Casting Block size 30cm x 30cm x 30cm.	2,865	2,628	91.74%	0.010%			697,910.20	640,293.56		
			0.10%		Other Drainage Sluices Repair Works	6,534,245	6,534,245	100.00%	0.105%			6,534,244.84	6,534,244.84		
Item No. 6	Flushing Inlet Construction	No	4.18%							4.1572%	99.34%	261,457,343.89	259,722,028.77	241,231,647.53	293,966,100.43
			0.23%		Casting Block size 40cm x 40cm x 20cm.	52,899	49,435	93.45%	0.218%			14,555,832.08	13,602,760.10		
			0.15%		Casting Block size 30cm x 30cm x 30cm.	38,831	35,625	91.74%	0.139%			9,475,309.20	8,693,066.06		
			3.80%		Other Flushing Inlets Construction Works	237,426,203	237,426,203	100.00%	3.800%			237,426,202.61	237,426,202.61		
Item No. 7	Flushing Inlet Repair	No	0.50%							0.4894%	98.71%	30,971,311.33	30,572,995.11	20,009,665.40	25,484,126.34
			0.05%		Casting Block size 40cm x 40cm x 20cm.	10,263	9,591	93.45%	0.044%			2,961,655.73	2,767,735.45		
			0.04%		Casting Block size 30cm x 30cm x 30cm.	10,164	9,325	91.74%	0.036%			2,475,847.48	2,271,451.55		
			0.41%		Other Flushing Inlets Repair Works	25,533,808	25,533,808	100.00%	0.409%			25,533,808.12	25,533,808.12		
Item No. 8	Embankment Slope Protection Work	Km	17.86%							17.4284%	97.60%	1,115,669,135.37	1,088,844,481.24	983,406,932.66	1,148,249,220.92
			4.56%		Casting Block size 40cm x 40cm x 40cm.	519,339	479,777	92.38%	4.217%			285,189,321.69	263,464,103.70		
			7.75%		Casting Block size 40cm x 40cm x 20cm.	1,762,799	1,762,799	100.00%	7.747%			484,011,790.87	484,011,790.87		
			1.50%		Casting Block size 40cm x 40cm x 30cm.	208,165	197,032	94.65%	1.423%			93,936,707.88	88,913,031.14		
			4.04%		Other Embankment Slope Works	252,531,314.93	252,455,555.53	99.97%	4.041%			252,531,314.93	252,455,555.53		
Item No. 9	River Bank Protection Work	Km	23.48%							22.4505%	95.63%	1,466,622,871.50	1,402,604,212.26	1,426,608,414.83	1,762,188,802.52
			11.99%		Casting Block size 40cm x 40cm x 40cm.	1,364,375	1,260,439	92.38%	11.079%			749,232,468.95	692,157,264.95		
			0.73%		Casting Block size 40cm x 40cm x 20cm.	166,256	166,256	100.00%	0.731%			45,648,770.83	45,648,770.83		
			8.79%		Casting Block size 30cm x 30cm x 30cm.	2,126,370	2,099,641	98.74%	8.683%			549,411,576.30	542,505,336.07		
			0.01%		Casting Block size 40cm x 40cm x 30cm.	1,542	1,460	94.65%	0.011%			695,875.94	658,660.93		
			1.95%		Other Bank Protection Works	121,634,179.49	121,634,179.49	100.00%	1.947%			121,634,179.49	121,634,179.49		
Item No. 10	Dismantling Work	Km	1.16%							0.9894%	85.00%	72,724,881.27	61,816,149.08	20,275,450.62	24,068,005.08
Item No. 11	Closure Dam Construction	Km	2.93%							2.9280%	100.00%	182,925,081.00	182,925,081.00	182,925,080.64	239,868,629.56
			0.73%		Foundation Construction of the Closure	45,731,270	45,731,270.00	100.00%	0.732%			45,731,270.00	45,731,270.00		
			0.59%		Closing of the closure	36,585,016	36,585,016.00	100.00%	0.586%			36,585,016.00	36,585,016.00		
			1.61%		Final Protection Work of the Closure	100,608,795	100,608,795.00	100.00%	1.610%			100,608,795.00	100,608,795.00		
	Schedule of Day work		0.14%			8,772,704	8,772,704	100.00%	0.140%	0.1404%	100.00%	8,772,704.46	8,772,704.46	3,762,435	3,920,669
	Environmental Mitigation Works		0.96%			60,200,000	60,200,000	100.00%	0.964%	0.9636%	100.00%	60,200,000.00	60,200,000.00	54,100,000.00	55,791,096.28
	Physical and Price Contingency (Emergency Works)		3.18%			198,454,490	198,454,490	100.00%	3.177%	3.1765%	100.00%	198,454,490	198,454,489.59	50,885,838.24	52,738,383.67
	Physical and Price Contingency (Provision Sum)		0.00%			721,566,506	663,001,898	91.88%	0.000%			721,566,506	663,001,898.00	0.00	
	Estimated Adjustment in VAT (BDT)		0.00%									90,685,351			
	Estimated Adjustment in IT (BDT)		0.00%									183,864,331			
			100.00%								97.55%	7,243,662,887.49	6,757,255,533.67	5,546,102,310.79	6,430,596,649.21

Package-2

BoQ Item	Activity Name	Unit	Weightage	Weight (Partial)	Name of Work	Quantity as per VO No. 02	Actual Quantity of work executed	Percentage Completed	Weighted Percentage	Achieved Weightage	Status on January 2023	Value (BDT) as per VO No. 02	Cumulatative Value of Work Executed (BDT)	Cumulatative Amount of Permanent Work (BDT)
Item No. 1	General Mobilization		1.55%					61.70%	0.95%	0.955%	61.70%	145,490,100.00	89,767,858.56	70,977,471.00
Item No. 2	Embankment Construction/ Re-sectioning	Cum	19.82%			7,511,254	5,605,591	74.63%	14.79%	14.792%	74.63%	1,863,329,772.52	1,390,588,712.81	1,210,199,036.70
Item No. 3	Drainage Channel Excavation/ Re-excavation	Cum	1.47%			1,085,925.92	937,660.52	86.35%	1.27%	1.267%	86.35%	137,912,591.84	119,082,886.04	117,451,808.53
Item No. 4	Drainage Sluice Construction	No	14.16%							12.723%	89.87%	1,330,986,684.66	1,196,116,715.10	1,143,611,005.65
				0.99%	Casting Block size 40cm x 40cm x 40cm.	93,590	77,853	83.18%	0.82%			93,155,742.40	77,491,436.89	
				0.45%	Casting Block size 30cm x 30cm x 30cm.	174,543	138,321	79.25%	0.36%			42,413,949.00	33,611,940.91	
				12.72%	Other Drainage Sluices Construction Works	1,195,416,993	1,085,013,337	90.76%	11.54%			1,195,416,993.26	1,085,013,337.29	
Item No. 5	Drainage Sluice Repair	No	0.07%							0.060%	80.32%	6,975,867.34	5,602,678.98	2,382,212.55
				0.02%	Casting Block size 40cm x 40cm x 20cm.	7,175	4,836	67.39%	0.01%			1,930,075.00	1,300,759.89	
				0.01%	Casting Block size 30cm x 30cm x 30cm.	5,488	4,349	79.25%	0.01%			1,333,584.00	1,056,830.30	
				0.04%	Other Drainage Sluices Repair Works	3,712,208	3,245,089	87.42%	0.03%			3,712,208.34	3,245,088.79	
Item No. 6	Flushing Inlet Construction	No	6.07%							4.622%	76.13%	570,727,191.23	434,487,496.20	382,091,808.27
				0.76%	Casting Block size 40cm x 40cm x 40cm.	72,052	59,936	83.18%	0.63%			71,717,678.72	59,658,222.15	
				0.32%	Casting Block size 30cm x 30cm x 30cm.	122,300	96,920	79.25%	0.25%			29,718,900.00	23,551,447.92	
				4.99%	Other Flushing Inlets Construction Works	469,290,613	351,277,826	74.85%	3.74%			469,290,612.51	351,277,826.13	
Item No. 7	Flushing Inlet Repair	No	0.35%							0.274%	78.18%	32,999,741.98	25,797,592.17	3,209,461.98
				0.09%	Casting Block size 40cm x 40cm x 20cm.	31,720	21,377	67.39%	0.06%			8,532,680.00	5,750,537.11	
				0.04%	Casting Block size 30cm x 30cm x 30cm.	16,154	12,802	79.25%	0.03%			3,925,422.00	3,110,793.86	
				0.22%	Other Flushing Inlets Repair Works	20,541,640	16,936,261	82.45%	0.18%			20,541,639.98	16,936,261.20	
Item No. 8	Embankment Slope Protection Work	Km	14.43%							13.525%	93.73%	1,356,619,930.55	1,271,536,377.17	1,105,701,296.70
				3.92%	i) CC Block: 40cm x 40cm x 30cm.	886,883	842,427	94.99%	3.73%			368,943,328.00	350,449,575.17	
				2.00%	ii) CC Block: 40cm x 40cm x 40cm.	338,711	323,791	95.60%	1.91%			188,323,316.00	180,027,809.69	
				2.53%	iv) CC Block: 60cm x 60cm x 40cm.	119,329	112,757	94.49%	2.39%			237,912,891.56	224,809,268.75	
				2.61%	v) CC Block: 60cm x 60cm x 60cm.	80,194	78,911	98.40%	2.57%			245,366,166.29	241,441,619.37	
				3.36%	Other Embankment Slope Works	316,074,228.70	274,808,104.19	86.94%	2.92%			316,074,228.70	274,808,104.19	
Item No. 9	River Bank Protection Work	Km	38.67%							36.85%	95.29%	3,635,041,044.15	3,463,865,266.24	3,482,863,296.99
				34.09%	Casting Block size 40cm x 40cm x 40cm.	5,763,564	5,509,683	95.60%	32.59%			3,204,541,476.25	3,063,383,734.31	
				0.70%	Casting Block size 40cm x 40cm x 30cm.	158,497	150,552	94.99%	0.67%			65,934,752.00	62,629,688.83	
				3.88%	Other Bank Protection Works	364,564,815.90	337,851,843.10	92.67%	3.59%			364,564,815.90	337,851,843.10	
Item No. 10	Dismantling Work of sluices and road	Km	0.58%							0.179%	31.03%	54,235,178.58	16,827,774.82	21,452,098.52
				0.327%	Dismantling Works of existing roads	30,779,110	8,618,151	28.00%	0.09%			30,779,109.74	8,618,150.73	
				0.250%	Dismantling Works of existing Sluices	23,456,069	8,209,624	35.00%	0.08733%			23,456,068.84	8,209,624.10	
Item No. 11	Construction of Khal Crossing Closures	No.	1.08%			101,123,200	81,530,580	80.63%	0.87%	0.867%	80.63%	101,123,200.00	81,530,580.00	79,634,520.00
Item No. 12	Construction of Road Pavement over Embankment	Km	0.00%			-	-	0.00%	0.00%	0.000%	0	0.00	0.00	
Item No. 13	Construction of RCC Flood Wall	Km	0.00%			-	-	0.00%	0.00%	0.000%		0.00	0.00	
	Schedule of Day work		0.55%			51,240,887	-	0.00%	0.00%	0.000%	0.00%	51,240,887.20	0.00	
	Environmental Mitigation Works		0.68%			64,364,491	14,651,755	22.76%	0.16%	0.156%	22.76%	64,364,491.00	14,651,755.00	38,095,478.92
	Emergency Works (Charge to Physical Contingencies)		0.53%			50,000,000	30,990,456	61.98%	0.33%	0.330%	61.98%	50,000,000.00	30,990,455.92	24,083,955.14
	Physical and Price Contingencies					795,045,686	-	0.00%	0.00%	0.000%		795,045,685.97	0.00	597,581,295.84
	Temporary Savings											703,472,267.64		
	Estimated Adjustment in VAT (BDT)					229,380,563						229,380,563.45		182,087,258.45
	Estimated Adjustment in IT (BDT)					358,924,079						358,924,078.89		227,134,111.58
Total			100.00%								86.60%	11,487,869,276.99	8,140,846,149.01	8,688,556,066.65

Annex 2: Labour Influx Report

Initial information on labour influx risks, requirements and implication for work package W-01 under CEIP-1

1. PROJECT DATA		
1.1	Name of Project	Coastal Embankment Improvement Project - Phase I (P128276)
1.2	Contract Package	Package-1
1.3	Date of Commencement	January 2016
1.4	Date of Completion	June 2022
1.5	Location	Polder-32 and Polder-33 under Khulna district; & Polder-35/1; Polder-35/3 under Bagerhat District
1.6	Name and Contact Information (email/phone) of Contractor	CHWE, mainland China
1.7	Name and Contact Information (email/phone) of all sub-Contractors	Project Manager Mr. Sun Huaxin; No sub-contractors; about 56 Chinese and skilled workers influx; 01 Indian worker; local labour and foremen about 610 persons;
1.8	Type of Works (single site, linear, clustered and construction duration)	Civil engineering/hydraulic works: earthen embankment; water control sluices; river bank protection works; embankment slope protection works; closure dam; offices and site buildings; excavation of sediment internal channels (khals); social re-afforestation; single and localized sites, stand-alone site for construction of one structure or one stretch of embankment etc; These are the standard engineering interventions in a typical coastal polder in Bangladesh, since 'time immemorial'; no rocket science; a lot of manual labour work activities, for men and women both;

2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS		
2.1	Will the project potentially involve an influx of migrant workers? If yes, are there also foreign labourers mobilized on site?	Yes, there are Migrant workers' influx at Project area, relatively small numbers and scattered all over the many construction sites; foreign labourers yes, Chinese & Indian, around 56 persons including middle technicians and Master of Science level engineers; The mobilization of foreign worker started in November 2015 and onward.
2.2	Is the influx of non-local workforce significant for the local community?	Not significant because there are many stand-alone construction sites and the number of Chinese/foreign workers per stand-alone site is about 3 to 5 Chinese men; this is not disruptive for the social cohesion of the local site; local stand-alone construction sites are mostly far away from community centres (rural setting, remote sites; sluices are not located inside a community); In the camp site, there have a separate place for their living, dining. Also, police from local Thana/authority provide the security for the safety of Chinese workers. There have two or three local translator; if any problem arises, they will arrange communication with local people. Even now there is no complain from local people, mentioned that in camp site also have a register to note down to take proper action within appropriate time.

2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS		
		At least certain percentage of local people would have been mobilized in civil work that would be beneficial for the local people.
2.3	What are the opportunities for local laborers?	Of course, there were opportunities for local worker in civil work. Local residents are poor people with virtually no mobility or transport facilities and are employed in agriculture, aquaculture and civil construction works such as road, buildings etc. in 'urban' areas, mostly intermittent job contracts. There is some small business such as small shops, chicken and duck breeding/farm, aquaculture, and motorbike repair workshops etc which do not employ many people; e.g. Polder-35/1 is located 100 km away from the city of Khulna, hence not much influx from Khulna to Polder-35/1; due to few numbers of small rudimentary road tracks, there is hardly any economic traffic to the 4 Polders; one needs to cross many rivers with (small) ferries; labour market is non-existent for local laborers; Recently for polder-32, 206 local workers engaged for construction workers; P-33, 80 local workers; P-35/1, 207 local workers; P-35/3, 70 local workers. There are no women because, for heavy civil work women are not suitable. By negotiating we fixed the salary, so there is no unsatisfactory and no complain.
2.4	Frequency of outsider's visit	Chinese labourers are generally permanently stationed and working; they live together inside a fenced compound, with professional security guards; Non-local labours are regular, but they have the seasonal vacation during rainy season.
2.5	Environmental sensitivity of the project site	Refer to the four approved EIA Reports of the 4 Polders; in general, the close location of the border lines of the Sundarbans mangrove forest prompt the Chinese Contractor to take care/be alerted of the possible negative impacts on the water, noise, environment, biodiversity of the Sundarbans;
2.6	Community experience with similar projects?	Much community experience yes as all 139 coastal polders were built back in the 1970s and 1980s and had undergone many subsequent small and big interventions, emergency works, repair and recovery after huge flood disaster events etc.; local labourers are fully familiar with similar types of civil engineering works; And also familiar with the similar movement of non-local labour because in coast region in different time different improvement work have done throughout the specific period.

3. SOCIO-ECONOMIC CONSIDERATIONS		
3.1	How similar are local and migrant labour backgrounds? (Cultural, religious and demographic considerations)	The background particularly cultural, religious and demographic point of view is dissimilar in many ways and similar in some ways. They have different language, ethnicity, belief system even political system but it does not create any problem to perform the job or pose any risk for the project. The migrant is few in number that does not make any imbalance in local social coherence. The main similarities imply that both groups come from same profession; There is no issue at all, because the non-local workers are busy in daytime for work. Also, the work site is located in different place from their residence. No negative impact on job market because this project makes the more opportunity of job for local people. Group means not like two separate parts. Both local and non-local workers are working as a part of the project as like a teamwork.

3.2	Are there increased competitions for resources (e.g. accommodation, water, food, fuel) with the local community?	Absolutely not;
3.3	Given local community characteristics any specific adverse impacts anticipated?	No adverse impact is anticipated at the moment;

4. LOCAL COMMUNITY (Please provide Polder wise description of Facilities)

4.1	Size of Local Population	Bangladesh is highly densely populated country, but the project area has lesser density. It is found from the RAP document that inside the Polder-32, 33, 35/1 and 35/3 the total population amounts to 38397, 62305, 99182 and 33075 respectively.		
4.2	Working age population and capacity (education, skills, experience)	The labour force (age between 15 and 59 year), the actual number of people available for work is 61%. The labour force includes both the employed and the unemployed. According to BBS, 30% of the people fall in the age group 1-15 year. The literacy rate in the project area roams around 58% whereas the national figure is 51.8%. The livelihood of 66.1% of people depends on agriculture activities;		
4.3	Working age population capacity	<i>Education</i>	<i>Skill</i>	<i>Experience</i>
		No information is available	No information	No information
4.4	Local capacity for infrastructure, services, utilities, health (please provide a short brief)	Inside the 4 Polders, both earthen and pucca roads are available and there are waterways also. There is academic institution, market, religious institution, local government offices, providing necessary public services to the local people. Motor bikes play important role to communicate in project areas. Auto rickshaw is main transportation vehicle; No there is no impact of these facility due to the inflow of chines people.		
4.5	Availability of accommodation, food, water (please provide a short brief)	Contractor provides adequate accommodation, water and food, protective sheds etc to their workers; Yes, these facilities are easily available for rent and consumption		
4.6	Are there any security considerations?	Not from the local governments; Contractor is now paying for the security force mainly in work site cum residential sites.		
4.7	Are there any marginalized, vulnerable, ethnic, indigenous- communities?	Some marginalized and vulnerable people are in the project side like other places of the country but there are no ethnic and indigenous groups.		

5. MAINTENANCE OF OTHER LABOR RECORDS

5.1	Is a copy of photo ID of each labourer kept with the Contractor/ Sub-contractor?	Yes. NID for local workers and visa copy for Chinese workers; no sub-contractors;
5.2	Is contact information of labour's next-of-kin kept for each labourer?	Yes. Family members are mostly close-by. Chinese contractor recruits mainly from the locality;

6. LABOR PROFILE (Please provide Polder wise information)

This data is to be collected for each Polder where civil works has commenced, and cover the regular labour, temporary labour, labour hired through sub-contractors or labour contractors / groups.

6.1	Number of laborers by sex	Male		Female		Total
		67		2		
6.2	Number of laborers by skill	Skilled	Semi-skilled	Unskilled		Total
		53	12	4		69
6.3	Number of laborers by origin	Local (same or adjoining district)	Other districts	Other Country		Total
		41	6	22		69
6.4	Number of laborers by age	18-25		25-50	Above 50	Total
		57		07	5	69
6.5	Source of labour	Contractor	Sub-contractor	Independent	Other	Total
		69	0	0	0	69

7. FACILITIES (Please provide Polder wise description of Facilities)					
7.1	Details of labour camps	Number	Permanent/Temp.	Location	Distance from nearest village/habitation
		2	Permanent	Every CC blocks yard and every work site	Almost within 100m
		4	Temporary		
7.2	Type of housing in labour camp on leased land (temporary shelters / kuchha /pukka)	Work sites have temporary shelter, but cc block yard has pukka house			
7.3	Is there any housing on public land like roadsides, open fields and other spaces?	No. Only housing exist inside the constructional premises.			
7.4	Is there any housing in rented accommodation in residential areas? If so, who is it rented by?	Yes, for the Chinese and Bangladeshi senior staff. Contractor rents the buildings themselves			
7.5	How many laborers have families on/near worksite?	The migrant workers do not live with their family. Sometime their family member visit here for very short time. The local worker mostly live with their family			
7.6	Likelihood of family members accompanying (visiting)	They hardly visit the project side. Labourers have family homes close by; daily transport is done by motorbikes or by vehicles of Contractor			
7.7	Is drinking water available on site and at the campsite?	Yes			
7.8	Are latrines and urinals provided on site and at the campsite?	Yes			
7.9	Are First Aid facilities provided on site?	Yes			
7.10	Does a doctor visit the worksite / campsite regularly?	Yes			
7.11	Is there a tie-up with a hospital or dispensary near the worksite / campsite	Yes			

7.12	Is there a facility for cooking / canteen facility for all labour?	Yes
7.13	Are leisure activities / facilities available for all labour	Yes
7.14	Is transport to and from the worksite provided to labour?	Yes, for migrant labourer but no provision for unskilled local labourer.

8. SUPERVISION BY LABOR OFFICIALS		
8.1	Has the worksite / campsite been inspected by a labour official?	In 20-22 November 2017 and 04-06 February 2018 WB team visited the work area of CEIP-1,
8.2	How many times has the worksite / campsite been inspected by a labour official since commencement of work?	Six times since commencement from WB. From the part of PMU and BEDB, visited the woks site frequently, as per the need basis.
8.3	What documents were inspected by labour officials?	Accident /injury register, salary sheet/record
8.4	What documents were maintained, and which ones were not?	Safety training record, accident register, safety guideline document, compliance register, GRM system notice. Nothing missing, if anything required, please give us the valuables suggestion. We will ensure it in work site.
8.5	What directions were given by labour officials?	About personal health and safety
8.6	What is the mode of compliance with such directions?	Action taken in field level as soon as possible
8.7	Are you facing any legal proceedings on labour issues in Labour Court/ Other?	None;

9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities)		
9.1	What is the nature of accidents / emergencies usually occurring at a worksite like yours?	No accident so far has been taken place
9.2	Is a functioning First Aid available at the campsite / worksite?	Yes
9.3	Is functioning fire-fighting equipment available at the campsite / worksite?	Yes
9.4	Which is the nearest doctor / clinic / dispensary?	Within some kilometres, alert by mobile phone of which the number is known to all Chinese people (Chinese medical doctor available); doctor covers the four Polders
9.5	Which is the nearest hospital?	The nearest hospital is situated at Upazila head quarter. But there some clinic or satellite clinic inside the polder. If any worker required critical services, then he/she refer to Khulna or Dhaka. The contractor has own car for every camp site and CC block manufacturing site to transport he/she to Khulna or Dhaka.

9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities)		
9.6	Which is the nearest Police Station?	In any Polder, there is Police office close-by, within 10 km range. On the other hand, a team of 2-3 nos. police available in work camp site and cc block manufacturing site cum residential site. If required, they will help us. But even no situations arise to do this.
9.7	Are details of nearest doctor / clinic / dispensary / hospital / Police station available and prominently displayed at worksite / campsite?	Yes
9.8	What is the system of informing next of kin?	For the migrant worker, there is focal person to deal with the issue. The contact numbers of all workers are well documented. For the local worker, the system is same. Bengali senior staff employed by the Chinese contractor.
9.9	What is your familiarity with accident reporting procedures?	Chinese Contractor holds regular drills on procedures and protocols to enact in case of accidents
9.10	What is your familiarity with police reporting procedures?	We are well familiar to local police reporting system, and we have their contact number and relation. So far, no such incident whereby Police is to be called upon. It is worthy to mention that Contractor site camps are secured by police protection permanently.
9.11	Is there any mechanism to address the workplace Sexual Harassment of Women at the project sites?	Yes (sanctions are known to Chinese workers and their bosses). Mechanism is there. We have gender policy. There is complaint system to mitigate sexual harassment. Finally, legal step can be applied where necessary;

Initial information on labour influx risks, requirements and implication for work package W-02 under CEIP-1

10. PROJECT DATA		
1.1	Name of Project	Coastal Embankment Improvement Project - Phase I (CEIP-1)
1.2	Contract Package	Package-2
1.3	Date of Commencement	12 th July, 2017
1.4	Date of Completion	30 th June, 2023
1.5	Location	Polder-39/2C, Polder-40/2, Polder-41/1, Polder-43/2C, Polder-47/2 & Polder-48
1.6	Name and Contact Information (email/phone) of Contractor	Chongqing International Construction Corporation cicobangladesh@gmail.com/+8801827-935882
1.7	Name and Contact Information (email/phone) of all sub-Contractors	None
1.8	Type of Works (single site, linear, clustered and construction duration)	<ol style="list-style-type: none"> 1. Upgrading via new construction and re-sectioning of embankments with a length of about 209 km; 2. Excavation and re-excavation of drainage channels in the Polders with a total length of about 188 km; 3. Construction of 50 drainage sluices; 4. Repairing of 6 drainage sluices; 5. Construction of 73 flushing sluices; 6. Repairing of 8 flushing sluices; 7. Construction of embankment slope protection works with a total length of some 9.5km; 8. Construction of river bank protection works with a total length of 5.40 km; 9. Construction of 8 Khal Closing Closures with varying widths between 35m to 60m; 10. Dismantling of 36 drainage sluices, 70 flushing sluices and road pavement for about 50 km; 11. Construction of RCC Flood wall with a length of about 17km; 12. Construction of Road Pavement with a length of about 51km. <p>Construction duration: 59 months</p>

11. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS		
2.1	Will the project potentially involve an influx of migrant workers? If yes, are there also foreign laborers mobilized on site?	Yes, scattering all over the construction sites. There are no foreign labours mobilized onsite.
2.2	Is the influx of non-local workforce significant for the local community?	Yes, these benefits are typically related to economic opportunities through employment and/or training by the project, or through selling goods and services. Other benefits include the provision of local infrastructure (e.g., access roads, power or water connection) which is developed for the project, and which serves the community beyond the project duration.
2.3	What are the opportunities for local laborers?	It will bring more employment opportunities to the local labours. It will improve the education status because of workers' training.
2.4	Frequency of outsider's visit	Normal
2.5	Environmental sensitivity of the project site	Fuel supply for cooking and heating, fuel storage area, by-pass road construction, sanitation, water supply and construction work.
2.6	Community experience with similar projects?	Embankment construction, Bridge construction and road pavement construction

12. SOCIO-ECONOMIC CONSIDERATIONS		
3.1	How similar are local and migrant labour backgrounds? (Cultural, religious and demographic considerations)	The labour no matter where they from are Bangladesh citizen. They almost have the same cultural and religious background. The demographics are shifted just from one region to another and there is no change on total demographics of Bangladesh.
3.2	Are there increased competitions for resources (e.g., accommodation, water, food, fuel) with the local community?	More water, electricity, medical services, transport, education and social services will be required with the execution of works.
3.3	Given local community characteristics any specific adverse impacts anticipated?	It will bring more influx of additional population and Increased pressure on accommodations and rents, Increase in traffic and related accidents

13. LOCAL COMMUNITY (Please provide Polder wise description of Facilities)			
4.1	Size of Local Population	Polder-39/2C: 84853, Polder-40/2: 41317, Polder 41/1: 41051, Polder-43/2C: 14851, Polder-47/2: 5411, Polder-48: 26260.	
4.2	Working age population and capacity (education, skills, experience)	No information	
4.3	Working age population capacity	<i>Education</i>	<i>Skill</i>
		No information	No information
4.3	Working age population capacity	<i>Experience</i>	No information
		No information	No information
4.4	Local capacity for infrastructure, services, utilities, health (please provide a short brief)	The health centre and hospital are available in local place.	
4.5	Availability of accommodation, food, water (please provide a short brief)	Accommodation, water and food is available to the local community.	
4.6	Are there any security considerations?	Yes	
4.7	Are there any marginalized, vulnerable, ethnic, indigenous-communities?	No	
14. MAINTENANCE OF OTHER LABOR RECORDS			
5.1	Is a copy of photo ID of each labourer kept with the Contractor/ Sub-contractor?	Yes	
5.2	Is contact information of labour's next-of-kin kept for each labourer?	No	

15. LABOR PROFILE (Please provide Polder wise information)					
<i>This data is to be collected for each Polder where civil works has commenced, and cover the regular labour, temporary labour, labour hired through sub-contractors or labour contractors / groups.</i>					
6.1	Number of laborers by sex	<i>Male</i>		<i>Female</i>	<i>Total</i>
		515		3	518
6.2	Number of laborers by skill	<i>Skilled</i>	<i>Semi-skilled</i>	<i>Unskilled</i>	<i>Total</i>
		88	19	411	518
6.3	Number of laborers by origin	<i>Local (same or adjoining district)</i>	<i>Other districts</i>	<i>Other Country</i>	<i>Total</i>
		424	94	0	518

6.4	Number of laborers by age	18-25		25-50	Above 50	Total
		273		237	8	518
6.5	Source of labour	Contractor	Subcontractor	Independent	Other	Total
		518			0	518

16. FACILITIES (Please provide Polder wise description of Facilities)					
7.1	Details of labour camps	Number	Permanent/Temp.	Location	Distance from nearest village/habitation
		6	Temporary	Near the project site	Within 1 km
7.2	Type of housing in labour camp on leased land (Temporary shelters / kuchha /pukka)	Temporary shelter			
7.3	Is there any housing on public land like roadsides, open fields and other spaces?	Yes, there are housings on open field.			
7.4	Is there any housing in rented accommodation in residential areas? If so, who is it rented by?	Yes, it is rented by the Chinese Contractor as temporary shelter.			
7.5	How many laborers have families on/near worksite?	No information			
7.6	Likelihood of family members accompanying (visiting)	Not allowed			
7.7	Is drinking water available on site and at the campsite?	Yes			
7.8	Are latrines and urinals provided on site and at the campsite?	Yes			
7.9	Are First Aid facilities provided on site?	Yes			
7.10	Does a doctor visit the worksite / campsite regularly?	No, sometimes.			
7.11	Is there a tie-up with a hospital or dispensary near the worksite / campsite	Yes			
7.12	Is there a facility for cooking / canteen facility for all labour?	No			
7.13	Are leisure activities / facilities available for all labour	Yes			
7.14	Is transport to and from the worksite provided to labour?	Yes			

17. SUPERVISION BY LABOR OFFICIALS		
8.1	Has the worksite / campsite been inspected by a labour official?	No
8.2	How many times has the worksite / campsite been inspected by a labour official since commencement of work?	None
8.3	What documents were inspected by labour officials?	None
8.4	What documents were maintained, and which ones were not?	None
8.5	What directions were given by labour officials?	None
8.6	What is the mode of compliance with such directions?	None

8.7	Are you facing any legal proceedings on labour issues in Labour Court/ Other?	No
18. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities)		
9.1	What is the nature of accidents / emergencies usually occurring at a worksite like yours?	Drowning, Injury from machine
9.2	Is a functioning First Aid available at the campsite / worksite?	Yes
9.3	Is functioning fire-fighting equipment available at the campsite / worksite?	Yes
9.4	Which is the nearest doctor / clinic / dispensary?	Polder-39/2C: Digital X-ray Clinic, 5 minutes by car away from the campsite, 01717-997-914, Kamrunnasar Polder-41/1: DR.Abudus salam M.B.B.S Ex-medical officer of Barguna general hospital, clinic-sharif x-ray clinic, Dispensary mouir medical hall. Polder-47/2: 1 km from our working site to the nearest dispensary Polder-48: 100 m from our temporary camps to the nearest dispensary but the doctor and clinic are 1 km away.
9.5	Which is the nearest hospital?	Polder-39/2C: Upazila Health Complex, 5 minutes by car away from the campsite, 01735-950-462, Fakrel Islam. Polder-41/1: Barguna sader hospital Polder-47/2: 10 km from our working site to the nearest hospital. Polder-48: the nearest hospital is 3 km towards the seaside.
9.6	Which is the nearest Police Station?	Polder-39/2C: Bhandaria Police station, 5 minutes by car away from the campsite, 01713-374-337, Kamruzzaman. Polder-41/1: Barguna sader police station. Polder-47/2: 8 km from our working site to the nearest police station. Polder-48: the nearest police station is 3 km approximately around the third bridge.
9.7	Are details of nearest doctor / clinic / dispensary / hospital / Police station available and prominently displayed at worksite / campsite?	Polder-39/2C: Yes, such information shall be printed on paper and displayed at the site office. Polder-41/1: DR. Abudus salam M.B.B.S Ex-medical officer of Barguna general hospital, clinic-sharif x-ray clinic, Dispensary mouir medical hall, Barguna sader hospital, Barguna sader police station, above mentioned details information is true and they are able to respond within short period and mentioned location is very nearest to our worksite. Polder-47/2: Yes. Such, information shall be printed on paper and displayed at the site office. Polder-48: Yes, such information shall be printed on paper and displayed at the site office.
9.8	What is the system of informing next of kin?	A phone number chat including all the Chinese people has been distributed to all working site/ campsite, anything happening at site will be reported immediately to the person who is in charge of corresponding issue.
9.9	What is your familiarity with accident reporting procedures?	For any accident happened at site, the foreman shall report to the site office and site manager immediately, and site office shall write on the accident logbook for records. Then site office shall report to the corresponded local government office.
9.10	What is your familiarity with police reporting procedures?	So far, no such incident whereby Police is to be called upon. The Contractor camps are secured by police.
9.11	Is there any mechanism to address the work place Sexual Harassment of Women at the project sites?	No, because all male workers at the project working at sites and the working place for female staff are limited in the camp and office.

Annex 3: Key Performance Indicators and Targets per PAD/RDPP

Project Development Objective Indicators						
To increase the area protected in selected polders from tidal flooding and frequent storm surges						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	Target
Gross area protected	ha	Value	0.00	55,880	57,098	66,012.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		Area protected is in proportion to the share of embankment with earthwork completed.	Area protected is in proportion to the share of embankment with earthwork completed.	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Direct project beneficiaries from increased resilience to climate change (number)	person	Value	0.00	582,083	603,056	724,202.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		Beneficiaries are in proportion to the share of embankment with earthwork completed	Beneficiaries are in proportion to the share of embankment with earthwork completed	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Female beneficiaries	Percentage	Value	0.00	50.00	50.00	50.00
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Contingent Emergency Appropriation	Text	Value	NA	N/A	N/A	Triggered if requested
	Sub Type	Date	22-Apr-2013	22-Apr-2013	January 31, 2022	30-June-2023
		Comments				The end date was revised during the restructuring
To improve agricultural production by reducing saline water intrusion in selected polders						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Increase cropping intensity	Percentage	Value	140.00	178.20	178.20	180.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
				Pkg 01-148.7% Pkg 02-198.9%	Pkg 01-148.7% Pkg 02-198.9%	The end date was revised during the restructuring

To improve the Government of Bangladesh's capacity to respond to an emergency						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Contingent Emergency Appropriation	Text	Value	NA	N/A	N/A	Triggered if requested
	Sub Type	Date	22-Apr-2013	31 May-2022	31 May-2022	30-Jun-2023
		Comments			Not Triggered Yet	The end date was revised during the restructuring
Intermediate Results Indicators						
Rehabilitation and Improvement of Polders						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Length of Upgraded Embankment	km	Value	0.00	339.424	349.107	408.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 198.932 Km (out of 200.617 Km) W-02: 140.492 Km (out of 208.101 Km)	W-01: 198.932 Km (out of 200.617 Km) W-02: 150.175 Km (out of 208.101 Km)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Drainage Structures replaced	Number	Value	0.00	76	78	88
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 38 number (out of 38) W-02: 38 number (out of 52)	W-01: 38 number (out of 38) W-02: 40 number (out of 52)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Drainage Structures Repaired	Number	Value	0.00	2	2	8
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 2 number (out of 2) W-02: 0 number (out of 6)	W-01: 2 number (out of 2) W-02: 0 number (out of 6)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Flushing Inlets Replaced	Number	Value	0.00	53	56	80
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 29 number (out of 29) W-02: 24 number (out of 51)	W-01: 29 number (out of 29) W-02: 27 number (out of 51)	The end date was revised during the restructuring

Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Flushing inlets Repaired	Number	Value	0.00	15	15	44
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 14 number (out of 14) W-02: 1 number (out of 32)	W-01: 14 number (out of 14) W-02: 1 number (out of 32)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Length of Drainage Channels Upgraded	km	Value	0.00	258.130	258.546	305.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 150.299 Km (out of 150.299 Km) W-02: 107.831 Km (out of 154.931 Km)	W-01: 150.299 Km (out of 150.299 Km) W-02: 108.247 Km (out of 154.931 Km)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Length of River Bank Protection	km	Value	0.00	9.524	9.524	9.37
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 4.250 Km (out of 4.25 Km) W-02: 5.274 Km (out of 5.691 Km)	W-01: 4.250 Km (out of 4.25 Km) W-02: 5.274 Km (out of 5.691 Km)	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Length of Slope Protection	km	Value	0.00	25.026	25.046	28.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		W-01: 19.529 Km (out of 19.766 Km) W-02: 5.497 Km (out of 9.476 Km)	W-01: 19.529 Km (out of 19.766 Km) W-02: 5.517 Km (out of 9.476 Km)	The end date was revised during the restructuring
Implementation of Social and Environmental Management Frameworks and Plans						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Area Afforested	Ha	Value	0.00	610.08	610.08	700.00
	Sub Type	Date	22-Apr-2013	30 Sep-2022	30 Sep-2022	30-Jun-2023
						The end date was revised during the restructuring

Indicator Name	Unit of Measure	Value	Baseline	Actual (Previous)	Actual (Current)	End Target
Water Management Association (WMA)	Number	10.00	0.00	10.00	10.00	10.00
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2023
		Comments		WMA Registration: 141 (out of 143)	WMA Registration: 141 (out of 143)	The end date was revised during the restructuring
				WMA Registration: Committee Formed 8 (out of 10) and applied for registration-6	WMA Registration: Committee Formed 9 (out of 10) and applied for registration-7	
Construction Supervision, Project Monitoring and Evaluation, and Coastal Zone Monitoring						
Indicator Name	Unit of Measure	Value	Baseline	Actual (Previous)	Actual (Current)	End Target
Improved coastal monitoring (Text)	Text	Limited Data	Limited Data	In Progress	In Progress	1. Modelling of the long-term physical processes and other relevant phenomena (subsidence, climate change, river morphology etc.) (scale: macro, meso and micro). 2. An investment plan describing a phased polder improvement roadmap for Bangladesh Coast.
	Sub Type	Date	22-Apr-2013	31 Dec-2022	31 Jan-2023	30-Jun-2022
		Comments		1. Some of the interim Reports of Macro and Mesoscale Modelling have been received and currently those are being Other Modelling works are in progress 2. The investment plan is in progress, these are also linked to the completion of the modelling works, which are underway	1. Some of the interim Reports of Macro and Mesoscale Modelling have been received and currently those are being Other Modelling works are in progress 2. The investment plan is in progress, these are also linked to the completion of the modelling works, which are underway	Reflecting the scope of works of the analytics (long-term monitoring, research and analysis of the coastal zone). The end date was revised during the restructuring

Project Management, Technical Assistance, Training and Strategic Studies						
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
BWDB Person Days of training provided	Number	Value	0.00	569	679	1,200.00
	Sub Type	Date	22-Apr-2013	31-Aug-2021	31 January-2022	30-Jun-2023
		Comments				The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Grievance Redress Committee (GRC)	Number	Value	0.00	36.00	36.00	36.00
	Sub Type	Date	22-Apr-2013	30 Nov-2022	31 Dec-2022	30-Jun-2023
		Comments		All Committees are formed and functional	All Committees are formed and functional	The end date was revised during the restructuring
Indicator Name	Unit of Measure		Baseline	Actual (Previous)	Actual (Current)	End Target
Detailed design of future 7 Polders (including EIA, RAP/LAP)	Number	Value	0.00	7.00	7.00	7.00
	Sub Type	Date	22-Apr-2013	30 Nov-2022	31 Dec-2022	30-Jun-2023
		Comments		All Design completed by consultant <ul style="list-style-type: none"> ▪ Embankment: Approved (all, 210.030 km) ▪ Drainage Channel – Design done, approval (7) ▪ DS: Design done (53), approval (52) ▪ FS: Design done (19), approval (19) ▪ RBP: Design done (0.800 km), approval (0.800) ▪ SPW: Design done (4.78), approval (4.78). EIAs for 6 polders being revised in line with the IPOE-vetted EIA for Polder 14/1	All Design completed by consultant <ul style="list-style-type: none"> ▪ Embankment: Design done (210.030), approved (210.030 km) ▪ Drainage Channel: Design done (7), approved (7) ▪ DS: Design done (53), approved (53) ▪ FS: Design done (19), approved (19) ▪ RBP: Design done (0.800 km), approved (0.800) ▪ SPW: Design done (4.78), approved (4.78) ▪ EIAs for 7 Polders of Package-3 have been cleared (approved) by the World Bank after accommodation of all responses of WB comments on them. 	The end date was revised during the restructuring Get update from CE Design Circle regarding package 3 design approval.