Government of the People's Republic of Bangladesh
Bangladesh Water Development Board (BWDB)

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




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

Progress Report No. 60
Month of April 2020

Royal HaskoningDHV Enhancing Society Together
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Table of Contents

List of Tables

List of Figures

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
BRRI	Bangladesh Rice Research Institute
BTM	Bangladesh Transverse Mercator
BWDB	Bangladesh Water Development Board
BM	Bench Mark
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
CZE	Coastal Zone Embankment
CZPo	Coastal Zone Policy
CZWMP	Coastal Zone Water Management Program
CSPS	Cyclone Shelter Preparatory Study
DAE	Department of Agriculture *Extension*
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	*Ministry of Environment and Forest*
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

The Monthly Progress Report (MPR) is over the month of **April, 2020.** 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 April, 2020.

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

This Executive Summary includes an Action Log which have been updated where relevant.

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

In the current phases of the CEIP-1 Project, Consultants 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.

From the second half of March 2020, the working environment has become abnormal due to pandemic of Corona Virus and to restrict the spread of this virus, the Government of Bangladesh has issued notifications to limit any gathering and advised to stay at home. The Government has also declared holiday from 25th March 2020 to 16th May 2020; it is not known if this will be extended thereafter. The progress of work is reduced significantly due to pandemic of Corona Virus in the month of April 2020.

1.2.1 Package W/01 implementation

The key issues for the month of April, 2020 regarding Package-1 are summarised below as follows:

1. The physical progress up to April, 2020 is 89.00% against the revised target of 95.94% Progress. The current dry season is in hand is very limited till then due to the pandemic of Corona Virus the Engineer is pushing the Contractor to speed up the emergency and other essential activities in order to complete the Works before coming monsoon and as per the revised work program;
2. The Contractor was requested to submit the revised work program considering that the remaining whole works are to be completed within the approved revised time for Completion by June, 2020. Accordingly, the Contractor submitted the revised program and that has been reviewed by the Consultants and sent to PMU 24th October, 2019. As per revised program Consultants have determined that the actual progress is lagging by 6.94% when compared to the revised target;
3. Contractor has completed 38 nos. Drainage Sluices and 29 nos. Flushing Sluices up to April, 2020 and has been working together with the Engineer on the handing over procedures;
4. As per requirement of the World Bank Mission during 21st October 2019 to 25th October 2019 on environmental aspects of the CEIP-1 Project, the Contractor is undertaking various steps required for improving the EHS issues through the training and motivation of Environment Specialists of the Project in the light as desired by the World Bank's Environmental Specialist during their field visit;

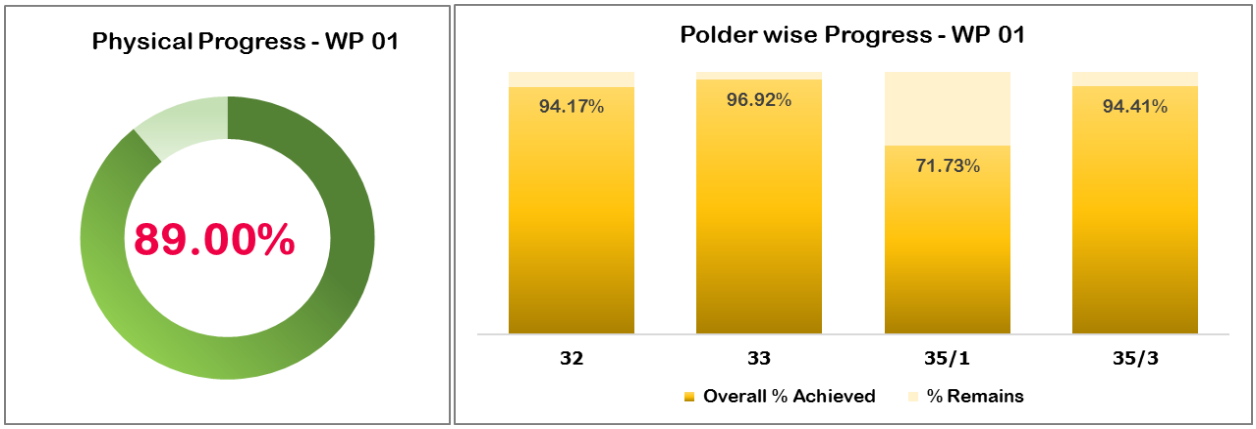

Figure 1-1: Polder Wise Progress of Package-1

5. The Contractor has successfully completed the closing of Nalian Closure dam on 17th February, 2020 and the raising of crest level and improvement of C/S & R/S slopes as per design of the closure are going on in the month of April 2020. The overall progress of Nalian Closure is satisfactory;
6. The Competent Authority has approved the Zero Cost Variation (up to Variation Order No.4) of this contract and that has been informed by the Project Director vide memo no. CEIP-1/W-01/1521 dated 26th December, 2019 to the concerned personnel;
7. In the Contract, there was a Provision for repairing works of 30 nos. Flushing Sluices out of which 16 nos. have been dropped (for falling the structures outside the alignment of retired embankment or not repairable). Out of the remaining 14 nos. of repairing of Flushing Sluices 13 nos. have already been completed, 1 no is ongoing. There was a provision for repairing works of 2 nos. Drainage Sluices which have already been completed;
8. The Result Framework target for Excavation/re-excavation of Drainage channels of 4 (Four) Polders under Package 1, CEIP-1 is 151.210 km. From the target length of 151.210 km a length of 33.160 km is required to be omitted from the re-excavation program of CEIP-1 as this length is fully effective to provide the purposes of the drainage system. As such, the total revised length for Excavation/re-excavation of Drainage channels of 4 (Four) Polders under Package 1, CEIP-1 will stand to 118.05 km. Out of this revised quantity 116.850 km has already been excavated and the remaining 1.200 km will be completed very soon. In this connection a Polder wise detailed report has been submitted to the Project Director, CEIP-1 explaining the reasons of reduction of lengths of Excavation/re-excavation of Drainage Channels vide Engineer's reference RDCOR_BC5883-100_L002550_JHL_AAM dated: 17th April, 2020.

1.2.2 Package-2 implementation

The key issues for the month of April, 2020 regarding Package-2 are summarised below as follows:

1. The physical progress up to April, 2020 is 51.43% against the target of 56.90% as per Revised Work Program as submitted by the Contractor in April, 2020;
2. The performance of the Contractor in the last dry season was not at all satisfactory. Considering the unsatisfactory performance of the Contractor, meetings with higher Management of Contractor were held and an action plan was prepared, however, follow-up is as yet lacking;
3. The Contractor is trying to increase the rate of progress but as the Zero Cost Variation up to Variation Order No. 01 has not yet been approved by the competent authority for which they

are not entitled for payment of some items of works which have exceeded the BOQ and for some new items of work. As such, they are facing cash flow constrains.

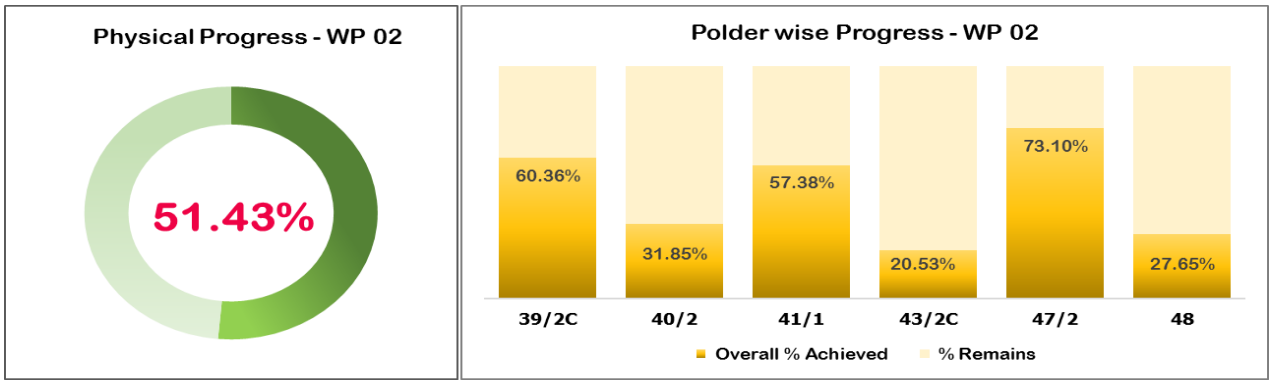

Figure 1-2: Polder wise Progress of Package-2

4. As per requirement of the World Bank Mission during 21st October 2019 to 25th October 2019 on environmental aspects of the CEIP-1 Project, the Contractor is undertaking various steps required for improving the EHS issues through the training and motivation of Environment Specialists of the Project in the light as desired by the World Bank's Environmental Specialist during their field visit;

9. The Contractor has submitted the Final Revised Work Program with all other relevant documents keeping provision that all the works will be completed within the Contract period with the condition to provide all the lands without any hindrance within March 2020 and those have been submitted to PMU on 1st March 2020 after finally been reviewed by the Engineer. However, as per the revised work program there is a target to complete 56.90% of the Physical Work by April, 2020 and the actual progress achieved is 51.43% which indicates that there is 5.47% lagging up to April, 2020.The progress of work is reduced to a great extent, as from the 2nd half of March, 2020 the working environment has become abnormal due to pandemic of Corona Virus mentioned above. Till then the Engineer is ushing the Contractor to speed up the progress of the Emergency Works more to complete those before coming monsoon. Other tasks of Consultants

The key issues for the month of April, 2020 regarding the other tasks of Consultants are summarised below:

1. The responses of the World Bank's latest comments on the EIA/EMP reports of Package-3 are in progress and a sample of EIA report for Polder-14/1 is now under review with IPOE for his clearance. The remaining 6 Polders under Package-3 will be completed in accordance with that as soon as it is obtained from the IPOE through the PMU;
2. The Consultants supported the PMU with various reports and recommendations.

1.3 Key challenges and risks and recommendations

1.3.1 Key challenges and risks

Key challenges and risks are listed below:

1. The weather conditions in April, 2020 were favourable for construction of civil works including the works of embankment re-sectioning;
2. Risks related to the site situations with respect to availability of lands in some cases remain almost same till April, 2020; all stakeholders, including the Client, 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 progress is possible to be made

only by the joint efforts of BWDB & Consultants in the interest of the CEIP-1 Project. This is an area which requires continued highest attention of all concerned;

3. The global Corona virus is hampering and limiting and, in some cases, stopped the movement of Staff of both the Contractors of Package-W/01 and W/02 and the Consultants. Consultants are following the international developments closely and adhering to travel guidance of e.g. World Health Organisation and Bangladesh Authorities. Restrictions have been imposed on travellers from outside Bangladesh and as a result this has impact on the progress of the Works. Consultants has advised to all their Staffs how to deal with Corona virus and provided guidance and mouth caps. Non-essential travelling is being highly discouraged.

1.3.2 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 issues at stake. It is recommended that the Employer plays a visible role here and increased efforts should continue; less reporting and more resolving on the spot. In Table 1-1 an Action Log is introduced to monitor actions required to be taken forward in the interest of the CEIP-1 Project. It will be updated monthly, and actions fulfilled will be deleted.

Table 1-1: Action Log

Action No.	Description of action	By when	By whom	Done by and can be deleted from this Action Log next month		Remarks
				Date	Done	
Nov17-001	PMU-World Bank Environmental actions agreed upon on 23rd November 2017	Continuous	Consultants	Continuous	mostly	Improvement of Consultant's report has been done, Contractor achieved most of the requirements & EHS improvement is being continued
Jan18-001	Advise Contractors to involve international experts in various fields.	28-02-2018	Engineer		Partly	Contractor Package-1 has involved international experts; Contractor Package-2 is gradually involving more international experts.
Feb2018-001	Follow-up Environmental Mission of World Bank, February, 2018	1-05-2018	Consultants		Ongoing	Ongoing
Mar2018-003	Prepare guiding document for accelerating work for Package-1 and Package-2 during monsoon	15-04-2018	Engineer			This action was implemented during the regular review meetings on work progress and for preparing the updated work programs for the fiscal year 2019-2020. The Contractors of both the packages have submitted the revised work program and those have been reviewed and sent to PMU.

1.4 Contractual Tasks of DDCS & 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 will be required to nominate an Engineer's representative for a group of Polders under each contract who will be a full-time resident in the area encompassing the designated Polders.

2. Summary of Key Achievements during the reporting month

Item	Key Achievements during the month – Package-1, 2 & 3
RAP & LAP	It may kindly be noted that as per Government Notification, all the Government Offices were closed during the month of April 2020 due to pandemic of Corona Virus for which Land Acquisition & Resettlement activities have no progress. Hence, the progress in this respect so far achieved in the month of March, 2020 is also remain same for the Month of April, 2020.

2.1 Package-1

No.	Item	Key Achievements during the month – Package-1
1	Modelling	Not applicable
2	Surveys and Design	Several Survey & designs for Emergency works in Polder-32 have been prepared and approved by the Team Leader. These are now under review by the XEN, CEIP-1 Khulna before implementation.
3	Works	➢ Construction / Re-Sectioning of Embankment: 1.400 Km (Full) & 24.232 Km (Part); ➢ Excavation / Re-Excavation of Drainage Channel: 1.300 Km; ➢ Construction of Drainage Sluice: Full 38 nos. Completed; ➢ Repair of Drainage Sluice: Full 2 nos. completed; ➢ Construction of Flushing Inlet: 29 nos. Completed; ➢ Repair of Flushing Inlet: 1 no. in progress; ➢ Embankment Slope Protection Works: 2.020 Km; ➢ River Bank Protection Works: 0.00 Km; ➢ Nalian Closure Dam: Overall Physical progress 72.50%.
4	Contractor Resources	Updated by Contractor Package-1 in terms of labour and equipment.
5	RAP and status of resettlement Payment	• **6,127** entities (residential HHs, commercial premises and common property structures) were identified during updating of Inventory of Losses (IoL) in March-December 2015 of whom 820 on private land (titled) and 4,633 on government land non-titled EPs (Squatters) and among 4,633 EPs, 448 tenants and 226 were wage labourers. • The final numbers of entities as of April 2020 stands at **5,373** of whom **4,645** non-titled (Squatters), **448** tenants and **280** as wage labours. • BDT 5,984.36 lac has been paid to the 4054 non-titled EPs (squatters) 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 67 nos. electric poles an amount of BDT 22.20 lac. Total **6,036.39** lac has been compensated against Package-1 up to April 2020.
6	LAP	• 132.29 Ha land was programmed for Land Acquisition (LA) in four polders. • Possession received a total of 119.91 ha and total of 12.38 ha lands are yet to be received are pending for procession (ha for Polder no.

No.	Item	Key Achievements during the month – Package-1
		32, 11.12 ha of Polder 35/1 against three mouzas: (Kumarkhali-1.62ha, Rayenda-2.57 ha & Sharankhola Mouza-6.93 ha) and 0.68 ha land for Polder 35/3. • DLAC has approved 11.12 ha of land for acquisition of Polder-35/1 (Kumarkhali, Rayenda & Saronkhola mouza). Notice U/S-4 has been served only for Saronkhola mouza (6.93 ha) as per LA Act. 2017. Issuance of notices U/S-4 of two mouzas (Kumarkhali & Rayenda) is under process. DC, Bagerhat has sent 6.93 ha land (Sarankhola Mouza) to MoL for final approval on 09 March 2020. • DLAC has approved 0.68 ha land for acquisition under Polder 35/3 on 30 January 2020 for acquisition and Issuance of notices U/S-4 is under process. • Social team is trying their best to be completed soon of reconnaissance field visit for pending 0.58 ha land for Polder-32 and keeping connection with the DC Office, Khulna. • As of April 2020, DC office Khulna & Bagerhat has paid a total BDT **6,789.09** lac against **2,728 nos**. of awardees among Titled EPs (811 nos. of Polder-32, 406 nos. of Polder-33, 988 nos. of Polder-35/1, 413 nos. of Polder-35/3 & 110 nos. of Newly Land acquisition at Banishanta mouza at Polder-33). **30 *nos. of EPs have been paid CUL in April 2020.***
7	Relocation	About 98.69% of paid EPs have already been relocated. 53.22% EPs have relocated on their own land; 12% on newly purchased land; 17.18% EP has replaced to their relatives or others' land; 12.44% have relocated temporarily at nearby area; about 1.31% of the paid EPs are yet to be relocated from the ROW. About 1.09% & 1.43% have relocated respectively in Market & Group Relocation.
8	Grievances	**167** complaints/grievances have received up to April 2020 by GRC. **42** complaints/grievances have been resolved at the entry level, while **114** cases have been resolved through investigations and formal hearing by GRC & **11** newly lodged grievances have been trying to resolve in entry level by the GRC. All records of GRC preserved according to the guidelines of RAP policy.
9	Environment	The World Bank environment, health and safeguard mission visited the project area in October, 2019 and requested to adopt some new EHS compliances, which are being complied by the Contractors under supervision of the project Environmentalists. EHS monthly meetings are held to address the Contractors for compliance of new EHS issues in the light of the issues required by the World Bank Sr. Environmental Specialist and other EHS requirements according to EAP/C-ESMP.
10	Value of Physical Work Done	The total value of physical work done up to **April, 2020 is BDT 6,183.08 million** and during **April, 2020 is BDT 132.14 million.**
11	Finance	Total expenditure incurred up to IPC-22 is **BDT 5,452.07 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.**
12	Contract Administration	The competent authority has approved the Zero Cost Variation (up to Variation Order No.4) of this contract and that has been informed by the Project Director vide memo no. CEIP-1/W-01/1521 dated:26-12-201.

2.2 Package-2

No.	Item	Key Achievements during the month – Package-2
1	Modelling	Not applicable.
2	Surveys and Design	The pre-sections surveys for the remaining sections of the Polders are conducting during FY 2019-2020 depending on the availability of land and subsequently shop drawings are being prepared before execution of Physical works.
3	Works	➢ Construction / Re-sectioning of Embankment: 0.830 Km (F) & 21.609 Km (Partially) ➢ Drainage Channel Excavation/Re-excavation: 3.565 km completed, ➢ Construction of Drainage Sluices: 35 nos. (Partially) ➢ Repair of Drainage Sluices: 2 nos. (Partially), ➢ Construction of Flushing Inlets: 21 nos. (Partially) ➢ Repair of Flushing Inlets: 9 nos. (Partially) ➢ River Bank Protections: 0.00 Km completed ➢ Embankment Slope Protection Work: 0.030 km completed,
4	RAP and status of resettlement Payment	• A total of 6,778 entities have been identified of whom 1,777 entities are titled and 4747 are non-titled on Government land (squatters) which may fluctuate, 135 units are identified as community properties and 119 as other institutions will be affected. A total of 814 tenants have been identified among them 751 are commercial and 63 are residential HHs. Moreover, 328 wage labours have also been identified as affected in commercial premises. • BDT **3,099.72 lac** has been paid to the **2,836** non-titled (squatter) as compensation/resettlement benefits against affected residential and commercial structures
5	Preparation of LAP	• 158.55 Ha land was programmed for Land Acquisition (LA) in six Polders of Package-2. • The land acquisition proposal for six polders under Package -2 were submitted to concern DC (Pirojpur, Jhalokhathi, Barguna and Patuakhali) for acquisition. • 139.50 ha land has been approved by MoL for Polder 39/2C, 40/2, 41/1, 43/2c, 47/2 & 48. BWDB has placed fund against CUL to DC, Barguna for Polder-40/2 and Polder-41/1, DC, Pirojpur & Jhalakhathi for 39/2C, & DC, Patuakhali for Polder-48. • Possession received a total of 70.40 ha land for Polder 39/2C- 49.53 ha, for Polder 40/2- 11.68 ha, for Polder 41/1- 8.29, & Polder 48- 0.90 ha. • For Polder-39/2C, Notices U/S-7 served for 21 mouzas under Pirojpur district. Dhawa mouza is waiting for serving Notice U/S-7.Notices U/S-7 served for 4 mouzas under Jhalokathi district and 1 mouza (Chesrirampur are waiting for serving notice U/S-7. Fund placed against final estimate to DC Pirojpur for 105.91 ha and DC, Jhalokathi for 10.18 ha. • Proposal of land acquisition of Polder-43/2C against 11 mouzas have been submitted to the DC, Patuakhali. DLAC has approved for nine mouzas of land, remaining two maouzs are under process for approval of DLAC. Proposal of 4 mouzas DC has sent to MoL for final approval. MoL has approved one case. MoL has sent back the all L.A. cases to DC Patuakhali and asked to submit one proposal following the all L.A. cases. The total area of Polder 43/2C becomes 17.96 ha. • Payment of CUL has been recently started in Polder-39/2C, Polder-40/2, 41/1 & 48 and paid BDT 1276.79 lac to **701** APs.

No.	Item	Key Achievements during the month – Package-2
6	Relocation	• **46.05%** EPs have relocated on their own land; **12.86%** on newly purchased land; **13.07%** EPs have relocated to relative's or others' land; **14.06%** have relocated temporarily at nearby area; **7.27%** of the paid EPs are yet be relocated from the ROW. **6.69%** made group relocation.
7	GRC & FGD	• A total number of **45** complaints/grievances have been received up to April 2020 by GRC. **30** of them have been resolved in the entry level by the field investigation and remaining **15** cases under process for investigation and formal hearing by GRC. • Total of **1,019 focus** group meetings have been held with resolution. Some of the groups have been met twice or more.
8	Environment	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. They are also involved in translation of approved EHS risk assessment and C-ESMP into Bangla and Chinese languages for easy understanding for implementation.
9	Value of Physical Work Done	The total value of physical work done up to **April, 2020** is **BDT 5,242.07 million** and during **April, 2020 is BDT 83.17 million.**
10	Finance	Total expenditure incurred up to IPC-12 is **BDT 4,440.83 million** including Adjustment for Changes in Legislation (VAT & IT) & Adjustment for Changes in Cost. An amount of **BDT 273.41 million** has been recovered against the advance payment of **BDT 1,028.40 million.**
11	Contract Administration	As per advice of the Project Director, the revised Variation Order No.01 has been prepared and submitted to PMU vide Engineer's reference no. RDCOR_BC5883-100_L002438_JHL_MAR dated: 5th January,2020. Later on, the Project Director advised to submit a Zero Cost Variation (up to Variation Order No.01) and according to the advice Zero Cost Variation (up to Variation Order No.01) had been prepared and submitted to PMU vide Engineer's reference no. RDCOR_BC5883-100_L002439_JHL_MAR dated 5th January, 2020.The Project Director subsequently sent the Variation Order No.01 to the World Bank for concurrence. The World Bank reviewed the Variation Order and made some quires for omission of Bill No.12 (Construction of Road Pavement over Embankment and Road Crossing Embankment) and Bill No.13 (Construction of Flood Wall). The Engineer as well as the Project Director responded to these quires, however, the World Bank required more clarifications. Thereafter the Engineer was informed that in the Summary of the discussions of a briefing meeting on CEIP-1 regarding the Implementation Status and it was agreed upon to "Split variation proposal 01 of Works Package-2 excluding Road Pavement over Embankment and Road Crossing Embankment as well as RCC Flood Wall". Accordingly, the Variation Order No.01 was revised by the Engineer keeping the provision of Bill No.12 (Construction of Road Pavement over Embankment and Road Crossing Embankment) and Bill No.13 (Construction of Flood Wall) as in the Contract and submitted to PMU vide Engineer's reference no. RDCOR_BC5883-100_L002499_JHL_MAR dated: 4th March,2020. The World Bank has provided the concurrence on the Variation Order No.01. Now the Zero Cost Variation (up to Variation Order.No.01) is awaiting approval from the competent authority. The Contract Supplement No.1) has been signed between the Employer & the Contractor on 19th February, 2020 (adjustment for changes in legislation regarding VAT & IT). The Variation Order No.03 for construction of Rest House cum Office Building at Bhandaria was submitted to PMU on 24 October 2019 but that has been returned back with some observations. As per observations the Variation Order No.03 is being re-casted and will be submitted to PMU in the name of Variation Order No.02.

2.3 Package-3

No.	Item	Key Achievements during the Month – Package-3
1	Surveys and Design	The outcomes of the mathematical modelling are being used as input and boundary conditions for design of the structures under Package-3. The draft detailed design of all the infrastructures like Embankment, Drainage Channels, Drainage Regulators, Flushing Regulators, Slope Protection works, Bank Protections works and Repairing of Drainage Regulators etc were submitted to the concerned design office of BWDB within June, 2019. Among them the design of Embankment of 7 (Seven) Polders and design of 15 Drainage Regulators have been approved by the BWDB Design Circle-5. The design of the remaining infrastructures is under process of approval by the concerned Design office. The mechanical design for Flap Gates & Vertical lift gates for the D/S & F/S have already been completed.
2	Bid Documents	The Draft Bidding Documents was prepared and submitted to PMU vide Consultant's reference: RDCOR-BE5883-100-L002255_MHR_MAR dated: 17th October, 2019.
3	RAP	The original RAP was prepared based on original LAP submitted to the XEN, CEIP-1, Khulna. Meanwhile, the crest width of the embankment has been increased by BWDB 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 all 7 Polders under Package-3 of CEIP-1.
4	LAP	LAP/RAP team has submitted the draft LAP for all Polders to XEN, CEIP-1 Khulna and PD office for checking & verifying but as per latest decision, the LAP has to be revised based on revised crest width of embankment 6.00m instead of 4.50 m. The process of updating of LAP is in progress.
5	Environment	EIAs/EMPs of all the 7 Polders of Package-3 have been submitted in August 2019 along with the responses of the World Bank's comments. The World Bank provided some more comments on the EIA/EMP reports submitted by the PMU which is being addressed by the consultants. The PMU prepared the responses of WB comments on Polder 14/1 by first week of January, 2020 and submitted to International Panel of Expert (IPOE), Environment as desired by the World Bank for approval, which will be followed in the remaining 6 EIA reports subject to the World Bank approval.

2.4 DDCS & PMS Consultancy Services

No.	Item	Key Achievements upto this Month - Consultant
1	Construction Supervision Systems/Tools	Package-1 physical progress is 89.00% (4 Polders). Package-2 physical progress is 51.43% (6 Polders). Package-3 no contract, hence no Physical Works (7 Polders).

3. Project Progress

3.1 Task A: Review and updated the designs budding 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 Detailed Design of Drainage Cum Flushing (D/S) Sluice, Flushing cum Drainage Sluice (F/S), Construction/Re-sectioning of Embankment, Excavation/Re-excavation of Drainage Channels, River Bank Protection, Slope Protection and Construction of Closure Dam were Completed and approved by the Competent Authority. The approved designs were reviewed and updated at the time of commencement of Implementation of the Civil Works.

3.1.2 Bid Documents of Package-1

The Bid Documents covering all the activities mentioned above were completed and approved by the competent authority based on which the tender of Package-1 was floated and finalized and subsequently, the Contract was awarded to the lowest bidder. Detailed information below:

Date of Bidding	:	25th May,2015
Notice of award	:	21st September, 2015
Signing of Contract	:	1st November, 2015
Commencement of Works	:	26th January,2016
Original Target for completion	:	25th January, 2019
Revised Target for completion	:	Polder-32 & 35/1: 30th June,2020 Polder-33: 30th June, 2019 Polder-35/3: 30th June, 2019
Contract Value	:	BDT: 6,969,113,205.00
Contract Supplement No.01	:	BDT: 7,243,662,887.49

3.1.3 RAP Implementation Package-1

3.1.3.1 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 **6,127** entities (residential HHs, commercial premises and common property structures) were identified during updating of Inventory of Losses (IoL) in March-October 2015 of whom 820 on private land (titled) and 4,633 on government land non-titled EPs (Squatters). Among 4,633 EPs, 448 tenants and 226 wage labourers were identified.

Due to the changes/adjustments of the alignment and Joint Verification Survey (JVS) conducted by respective DC offices, the total numbers of entities have been changed. As a result, some non-titled EPs became titled EPs on account of JVS by DC office and some EPs were added or deducted on account of changes/adjustments of the alignment of embankment, changing location of DS, VP Land and including dockyards labourers as non-titled EPs. The total of entities as of April 2020 stands at **5,373** of whom **4,645 non-titled (Squatters**), **448 tenants** and **280** as **wage labourers**. 03 newly EPs have been added for VP land. Payment of compensation, grants and resettlement benefits for four Polders under Package-1 was started in June 2016. As of April 2020, a total of **BDT 5,984.36 in Lac** has been paid to the **4,054** non-titled EPs (squatters), including 54 numbers wedge labours **27** nos. for social forestry and **67** electric

poles as compensation, grants and resettlement benefits against their affected residential, fish gher, commercial, tress and common structures of Package-1. The total payment of resettlement benefit is BDT **6,036.39 lac**. The Polder-wise non-titled EPs and payment of compensation as resettlement benefit is reflected in Table 3-1 below.

Table 3-1: Updated numbers of Non-titled entities up to April, 2020

Polder	Non-titled (Squatters)	Paid Squatters	Tenants	Paid Tenant	Wage Labourers	Paid wage labor	Total entities	Total Paid EPs	Amount paid in BDT (Lac)
1	2	3	4	5	6	7	(2+4+6) =8	(3+5+7) =9	10
32	1,263	1,259	86	0	23	0	1,372	1,259	1,588.13
33	1,470	1,210	157	0	75	0	1,702	1,210	1,741.26
35/1	1,624	1,268	196	0	171	54	1,991	1,322	2,257.97
35/3	288	263	09	0	11	0	308	263	397.00
Total	**4,645**	**4,000**	**448**	**0**	**280**	**54**	**5,373**	**4,054**	**5,984.36**
Paid for Social Forestry for 27 unit in 33 & 35/3								27	16.12
Paid for Electric Pole for 48 Unit in 33, 35/1 & 35/3								67	22.20
Grand Total=								**4,148**	**6,036.39**

In the meantime, the RAP/LAP Team has submitted the indent-14. Checking & verification is under process by XEN, CEIP-1 for further scrutiny submitted of some Non-titled (Squatters) Tenants & Wage Labourers under indent-14. Final indent shall be submitted to the concern authority after Checking & verification by the XEN, CEIP-1.

3.1.3.2 Payment of Compensation under Law (CUL)

The payment of compensation under Law (CUL) to the Titled EPs is going on by DC office both Khulna & Bagerhat. As of April 2020, DC office Khulna & Bagerhat has paid a total BDT **6,789.09** lac against **2,728 nos**. of awardees among Titled EPs (811 nos. of Polder-32, 406 nos. of Polder-33, 988 nos. of Polder-35/1, 413 nos. of Polder-35/3 & 110 nos. of Newly Land acquisition at Banishanta mouza at Polder-33). **30 *nos. of EPs have been paid under the CUL has been made in April 2020.*** As the continuous process BWDB and the social team is keeping contract with the concern DC office for expediting the CUL payment and holding meeting regularly. The progress of payment of compensation under law (CUL) is shown in Table 3-2.

Table 3-2: Polder- wise payment made by DCs Khulna & Bagerhat till April, 2020

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 (%)
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
32	3,003	2,086	1,615.37	811	474	1,157.87	71.68
33	2,066	1,317	770.04	406	207	600.12	77.93
35/1	1,087	1,087	4,525.92	988	824	3,476.79	76.82
35/3	489	489	1,510.51	413	326	1,096.66	72.60
Total (Except Banishanta)=A	**6,645**	**4,979**	**8,421.84**	**2,618**	**1,831**	**6,331.44**	75.18
Newly Land acquisition at Banishanta mouza at Polder 33 =B	142	110	913.47	110	67	457.65	50.10
Grand Total (A+B)=	**6,787**	**5,089**	**9,335.31**	**2728**	**1,898**	**6,789.09**	72.72

3.1.3.3 Relocation Status and Assessment of Relocation in Package-1

Following the payment of compensation against the First to Thirteen indents, the affected people started relocating their structures by their own choice. It was disseminated to the people that if the affected people show their willingness to group relocation, the project will provide necessary civic amenities like construct entrance way to the resident, sanitation, tube well etc. BWDB, DDCS & PMS Consultant have been encouraging the EPs for group relocation so that there will be little chance to come back on the embankment. But in most cases, the affected people prefer individual relocation. Self-relocation has been started but the pace is very slow. Hopefully it will drive very swiftly within few days. A good number (53 nos.) of EPs from the total 53 nos. have not been relocated yet in Polder 33 situated in Laodobe Bazar. Concerned PAVC is looking for a suitable place to improve the market relocation. Point to be mentioned here is that the construction work of the chainage is ongoing. The social team is trying to arrange group relocation.

Table 3-3: Update Relocation Status as of April, 2020

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	672	722	629	133	2,156	53.22
Relocated on purchased land	97	72	272	45	486	12.00
Relocated on relative & other's land	245	173	213	65	696	17.18
Relocated Temporarily at nearby area (Govt. Land)	208	190	104	2	504	12.44
Total Relocated-A	**1,222**	**1,157**	**1,218**	**245**	**3,842**	**94.84**
Not yet relocated	0	53	0	0	53	1.31
Market Relocation	6	0	21	17	44	1.09
Group Relocation	29	0	29	0	58	1.43
Total Relocation-B	**35**	**53**	**50**	**17**	**155**	**3.83**
Wage Labour Relocation*(Not Yet)	0	0	54	0	54	1.33
Total Relocation-C	**0**	**0**	**54**	**0**	**54**	**1.33**
Total Relocation target (A+B+C) =	**1,257**	**1,210**	**1,322**	**262**	**4,051**	**100**


Figure 3-1: Relocation site at Mollikerber Madrasha Bazar in Polder-35/3

Figure 3-2: Market Relocation for Joynagar Bazar at Polder 32

Figure 3-3: Market Relocation for Anando Bazar, Razapur at Polder 35/1

3.1.4 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 **167 complaints/grievances** have been received up to April 2020 by GRC in package-1. Among those, **42 cases** have been resolved at the entry level, **114 cases** have been resolved through investigation and formal hearing by GRC. It is to be mentioned here that a total of **11** newly lodged grievances have been trying to resolve in entry level by the GRC and necessary actions are continuing by the Member Secretary/ LAP/RAP team and the convener of the GRC.

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

SL No.	District	Polder No.	Total Complaints/cases	Resolved at entry level	Resolved by GRC	Newly lodged Grievances
1	Khulna	32	56	19	29	8
2	Khulna	33	15	8	6	1
3	Bagerhat	35/1	28	8	19	1
4	Bagerhat	35/3	68	7	60	1
Total =			**167**	**42**	**114**	**11**

3.1.5 Status of Land Acquisition of Package-1

The possession of land **119.91 ha** has been received for Polder-32, 33, 35/1 and 35/3. An additional Land Acquisition Plan (LAP) was submitted to the DC, Khulna & Bagerhat under **Polder-32 against one mouza (0.58 ha), Polder 35/1 against three mouza -11.12 ha (Kumarkhali-1.62 ha, Rayenda-2.57 ha & Sharankhola Mouza-6.93 ha) & Polder-35/3 against one mouza (0.68 ha) land.** A total of 12.38 ha lands are pending for procession received of (0.85 ha) for Polder no. 32 which Waiting for reconnaissance field visit, (11.12 ha)

for Polder no. 35/1 against three mouza for (Saronkhola-6.93 ha) notices U/S-4 has been served Sharankhola and Waiting for sending to MOL for final approval & remaining two mouzas (Rayenda-2.57 & Kumarkhali-1.62) which Waiting for issuance of notices U/S-4 & (0.68 ha) for Polder no. 35/3 which Waiting for issuance of notices U/S-4. Status of land acquisition for four Polders under Package-1 is shown in Table 3-5.

The possession of land **119.91 ha** has been received for Polder-32, 33, 35/1 and 35/3. An additional Land Acquisition Plan (LAP) was submitted to the DC, Khulna & Bagerhat under **Polder-32 against one mouza (0.58 ha), Polder 35/1 against three mouza -11.12 ha (Kumarkhali-1.62 ha, Rayenda-2.57 ha & Sharankhola Mouza-6.93 ha) & Polder-35/3 against one mouza (0.68 ha) land.** A total of 12.38 ha lands are pending for procession received of (0.85 ha) for Polder no. 32 which Waiting for reconnaissance field visit, (11.12 ha) for Polder no. 35/1 against three mouza for (Saronkhola-6.93 ha) notices U/S-4 has been served Sharankhola DC office send to MOL for final approval on 09 March 2020 & remaining two mouzas (Rayenda-2.57 & Kumarkhali-1.62) which Waiting for issuance of notices U/S-4 & (0.68 ha) for Polder no. 35/3 which Waiting for issuance of notices U/S-4. Status of land acquisition for four Polders under Package-1 is shown in Table 3-5.

3.1.6 Land Acquisition for Package-2

The land acquisition proposal for six polders under Package-2 has been submitted to concern DC (Perojpur, Jhalokathi, Barguna and Patuakhali) for acquisition. In the meantime, **139.50 ha** land has been approved by MoL for polder 39/2C, 40/2, 41/1, 47/2 & 48. BWDB has placed fund against CUL to DC, Barguna for Polder-40/2 and Polder-41/1, DC, Pirojpur & Jhalakhathi for 39/2C, DC, Patuakhali for Polder-48. In Polder- 43/2C, total 11 mouza have been submitted to the DC office, Patuakhali. Among those notices U/S-4 have been issued against 5 (five) Mouza (Golkhali, Purbo golkhali, Kalirchar, Char horidevpur, Sohorirnirchar). 4 (Four) of those have been sent to the MoL for final approval. MoL has approved one case, remaining Land acquisition proposal has been sent back to DC, Patuakhali and asked to submit one case with all mauzas under a polder. Now the cases are preparing in one case is under process. For Polder-39/2C, Notices U/S-7 has been served for 21 mouzas (total 22 mouzas) under Pirojpur district and CUL payment is ongoing. Issuance of notices U/S-7 served for four mouzas, one under process in Jhalokathi district. The status of land acquisition for Package-2 is furnished in the following Table 3-6.

Table 3-5: Status of land acquisition for 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)	Pending (ha)		Fund placed BDT in Lac	Payment of CUL by DC in BDT Lac	Remarks
					DLAC	MoL		DC	MoL			
1	32	Khulna	51.23	51.23	50.65	50.65	50.65 (26.09.17)	0.58	-	1615.37	**1157.87 (71.68%)**	Social team is trying their best to be completed soon of Reconnaissance field visit for pending 0.58 ha. land for Polder 32 and keeping connection with the DC office. Khulna to expedite payment of CUL.
2	33	Khulna	10.94	10.94	10.94	10.94	10.94 (27.09.17)	-	-	770.04	**600.12 (77.93%)**	Persuasion is going on APs & Dc's office to expedite the CUL payment.
			3.34	3.34	3.34	3.34	3.34 (23/09/19)	-	-	913.47	**457.65 (50.10%)**	Persuasion is going on APs & Dc's office to expedite the CUL payment.
3	35/1	Bagerhat	41.29	41.29	41.29	30.17	30.17 (22.03.18)	4.19	6.93	4525.92	**3,476.79 (76.82%)**	Persuasion going on with APs to expedite the CUL payment. Necessary activities are going on for three mouzas by the DC office on the newly proposed lands (11.12 ha). Notices U/S-4 has been served Sharankhola mouza (6.93 ha) and DC office send to MOL for final approval on 09 March 2020 & remaining two mouzas (Rayenda-2.57 & Kumarkhali-1.62) which Waiting for issuance of notices U/S-4.
4	35/3	Bagerhat	25.49	25.49	25.49	24.81	24.81 (08.11.17)	0.68	-	1510.51	**1,096.66 (72.60%)**	Persuasion is going on APs & Dc's office to expedite the CUL payment. DLAC has approved on 30 March 2020 for acquisition and Issuance of notices U/S-4 is under process.
Total =			**132.29**	**132.29**	**131.71**	**119.91**	**119.91**	**5.45**	**6.93**	**9335.31**	**6,789.09 (72.72%)**	

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	MoL	Court Case portion			
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*		*11*	*12*	*13*
1	39/2C	Perojpur& Jhalokathi	116.09	116.09	116.09	116.09	49.53	66.56	--	--	10,052.33	**382.90 (3.81%)**	Approved by MoL on 06.12.2017. Issuance of Notice u/s-7 served and CUL Payment is ongoing (Pirojpur District. Fund placed to DC against CUL.
2	40/2	Barguna	12.45	12.45	12.45	11.68	11.68	--	-	0.77	879.92	**551.77 (62.71%)**	Approved by MoL on 13.03.2018 remain 0.77 ha pending for court case. All land handed over by DC to BWDB except Court Case portion (0.77 ha). CUL payment is ongoing.
3	41/1	Barguna	8.41	8.41	8.29	8.29	8.29	0.12	-		444.52	**279.56 (62.89%)**	Approved by MoL on 13.03.2018, All land handed over by DC to BWDB.
4	43/2C	Patuakhali	17.96	17.96	13.80	0.06	--	17.96	-	--	--	**--**	DLAC completed 13.80ha for 9 mauzas among total 11 mouzas. Issuance of notices U/S-4 have been completed against 5 (five) Mouza. 4 (Four) of them sent to the MoLfor final approval. MoL approved one case and remaining has been sent back to DC and instructed to submit in one case following all mauzas under a polder. Now preparing the proposal as per guidance of MoL and is under process.
5	47/2	Patuakhali	2.57	2.57	2.57	2.31	--	2.57	-	--	--	**--**	Approved by MoL on 05/04/2018. Notice U/S-6 is completed and Preparation of estimate (2.31 ha.) is under process. And notice u/s 4 is completed 0.26 ha.
6	48	Patuakhali	1.07	1.07	1.07	1.07	0.90	0.17	-	--	341.54	**62.56 (18.32%)**	Approved by MoL 1.07 ha. and Possession handover 0.90 ha. by DC to BWDB remaining 0.17 ha. waiting for estimate and u/s-8.
Total=			**158.55**	**158.55**	**154.27**	**139.50**	**70.40**	**92.83**	**-**	**0.77**	**11,718.31**	**1276.79 10.89%**	**Court Case-0.77**

3.1.7 Implementation of RAP for Package-2

3.1.8 Implementation Activities

The RAP for Package-2 was prepared and cleared by the World Bank in March 2017, later on updated to incorporating some changes of land acquisition and resettlement issues. This updated RAP-2 was cleared by World Bank in December, 2018. As per updated a total of 6,778 entities have been identified of whom 1,777 entities are titled and 4,747 are non-titled on Government land (squatters) which may fluctuate, 135 units are identified as community properties and 119 as other institutions will be affected. A total of 814 tenants have been identified among them 751 are commercial and 63 are residential HHs. Moreover, 328 wage labours have also been identified as affected in commercial premises.

3.1.9 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 2,836 EPs have been paid amounting BDT 3,099.72 lac. The detail of the payment of compensation is shown in below:

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

Sl No	Polder No.	Non-titled (Squatter)	Tenants	Wage labours	Total Paid Non-titled Eps (Squatter)	Paid Amount (BDT Lac)
1	39/2C	52	27	11	-	-
2	40/2	1,745	398	95	747	746.67
3	41/1	844	68	12	471	599.22
4	43/2C	536	115	24	458	536.58
5	47/2	201	08	01	160	155.87
6	48	1,369	198	185	1,000	1,061.38
Total =		**4,747**	**814**	**328**	**2,836**	**3,099.72**

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

The payment of compensation has been started under Law (CUL) to the Titled EPs is going on by DC office Braguna, Patuakhali and Pirojpur Districts. As of April 2020, DC office has paid a total BDT 1276.79 lac against 701 nos. of awardees among Titled EPs (23 nos. of Polder-39/2C, (400 nos. of Polder-40/2, 274 nos. of Polder-41/1 & 04 nos. of Polder-48). 09 nos. of EPs have been paid under the CUL in March 2020. As the continuous process, the social team is keeping connect with the concern DC Office for expediting the CUL payment and holding meeting regularly.

Table 3-8: Polder- wise payment made by DCs (Patuakhali & Barguna) till April, 2020.

Payment made								
SL No.	Polder No.	District	Total No. of Awardees	No of awardees applied to DC to get CUL	Total estimated amount (BDT Lac)	No. of awardees paid	Cheque distribution	Amount in BDT Lac
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
1	39/2C	Pirojpur, Jhalokathi district	15890	4508	10052.33	23	12	382.90 (3.81%)
2	40/2	Barguna	793	541	879.92	400	276	551.77 (62.71%)
3	41/1	Barguna	548	362	444.52	274	160	279.56 (62.,89%)
4	43/2C	-	-	-	-	-	-	-
5	47/2	-	-	-	-	-	-	-
6	48	Patuakhali	26	12	341.54	04	04	62.56 (18.32%)
Total=			**17,257**	**5423**	**11,718.31**	**701**	**452**	**1,276.79 (10.89)**

3.1.11 Relocation Status of Package-2

Following the payment of compensation against the 1st to 3rd indents the affected people started relocating their structures by their own choice. It was disseminated to the people that if the affected people show their willingness for group relocation, the project will provide some support through civic amenities like construct entrance way, sanitary latrines and tube well etc. BWDB concern and DDCS & PMS Consultants have been encouraging the AP for group relocation so that there will be little chance to come back on the embankment. But in most cases, the affected people have been showing different opinions for individual relocation instead of group relocation. ***The progress has shown that a total 2,392 have relocated till April 2020.*** Cluster relocation made by 133 EPs comprises in the 5 different places (3 in Pochim Kuakata and 2 in Khajura) in Polder-48 and 4 different places of Polder-41/1.The status of relocation has 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						
	Polder 40/2	Polder 41/1	Polder 43/2C	Polder 47/2	Polder 48	Total	%
Relocated on own land	392	169	253	98	320	1232	44.44
Relocated on purchased land	44	68	29	5	131	277	9.99
Relocated on relative & other's land	124	59	92	3	120	398	14.36
Relocated Temporarily at nearby area (Govt. Land)	84	88	56	49	208	485	17.50
Total Relocated-A =	**644**	**384**	**430**	**155**	**779**	**2,392**	**86.29**
Not yet relocated	89	24	30	5	99	247	8.91
Market Relocation	0	0	0	0	0	0	0.00
Group Relocation	5	4	0	0	124	133	4.80
Total Relocation-B =	**94**	**28**	**30**	**5**	**223**	**380**	**13.71**
Total Relocation target (A+B) =	**738**	**412**	**460**	**160**	**1,002**	**2,772**	**100**

**It is noted that the percentage of the group relocation has been decreased (6.84%) due to increased number of payments.*

3.1.12 Grievance Redress Mechanism (GRM)

A total **21** Grievance Redress Committees (GRC) have been formed (1 for each Union) in six Polders under Package-2 with the representatives of BWDB, Union Parishad, Educational Institution, PAPs, Women representatives and LAP/RAP team.

A total number of 45 complaints/grievances have been received so far up to April, 2020 by GRC. 28 of them have been resolved at the entry and remaining 17 cases are pending for investigation and formal hearing by GRC. Table 3-10 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	Not Resolved	Newly lodged Grievances
1	Barguna	40/2	12	02	10	0
2	Barguna	41/1	16	9	7	0
3	Patuakhali	43/2C	17	17	0	0
4	Kalapara	47/2	0	0	0	0
5	Kalapara	48	0	0	0	0
		Total =	**45**	**28**	**17**	**0**

BWDB and RAP team maintain records in detail about the complaints, procedures and the resolutions adopted in a register including intake register, resolution register and closing register followed by the policy of the RAP.

3.1.13 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. The said EIA reports were updated based on final Land Acquisition Plan (LAP) which were also approved by the competent authorities including World Bank. The EMP of the EIA reports are being implemented in Package-1.

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 Bid Documents of Package-2

The Bid Documents covering all the activities mentioned above were completed and approved by the competent authority based on which the tender of Package-2 was floated and finalized and subsequently, the contract was awarded to the lowest bidder. Detailed information below:

Date of Bidding	:	24th March,2016
Notice of award	:	15th December, 2016
Signing of Contract	:	8th March, 2017
Commencement of Work	:	12th July, 2017
Original Target for completion	:	11th January, 2021
Contract Value	:	BDT: 10,899,564,634.65
Contract Supplement No.01 Value	:	BDT: 11,487,869,276.99

3.2.3 Design status of Package-2

All the Detailed Designs of Package-2 were completed long before.

3.2.4 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. The said EIA reports were updated based on final Land Acquisition Plan (LAP) which were also approved by the competent authorities including World Bank. The EMP of the EIA reports are under implementation in Package-2.

3.2.5 Review and submission of report on Toilets constructed and maintained in CEIP-1

A report on numbers and quality of toilets at different camp sites and work sites of Package-1 and Package-2 of CEIP-1 was submitted to World Bank. The report was finalized along with responses of the comments and submitted to World Bank accordingly.

3.2.6 Preparation of document for addressing COVID-19 by the Contractor

A draft work plan has been prepared for the Contractor, to address COVID-19 pandemic in construction/civil activities for CEIP-1, which will help for adoption of precautionary measures against outbreak of COVID-19amongst the project manpower along with treatment of the infected workers. The note was prepared following the guidelines prepared by WHO on 07 April, 2020 and provided by the World Bank.

3.2.7 Collection of information on workers in different work sites from Contractor along with COVID-19 response, Package-1

The Contractor of Package-1 has been involved in various construction /civil activities where some local and expatriate workers/ staffs are involved. The works were continued at various work sites in the month of April, 2020 during the spread of COVID-19 in the country and abroad. The Contractors took some measures like provision of PPE like surgical mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature, disinfection of camp and work sites, imposition of some restrictions and preparation of isolation areas. Information on workers and work sites and safety issues provided by the contractors has been described by the contractors as follows:

Table 3-11: Work site information of Package 1, CEIP-1 during the month of April,.2020

Sl. No.	Location, Polder No. Work site	Type of work	No of workers involved during 01.04.2020 to 30.04.2020		Expected date of work completion	Comments
			Local	Expatriate		
1	Dacope Polder-32	Office work	8	5	30. 06.2020	Workers provided with Mask , Gloves and conducted temperature screening
2	KM40+000-KM42+200 Polder-32	Embankment	80	2	25.05.2020	Workers provided with Mask , Gloves and conducted temperature screening
3	KM47+500-KM48+100 Polder-32	Embankment	85	4	15.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
4	Nalian closure Dam Polder-32	Embankment	20	5	31.07. 2020	Workers provided with Mask , Gloves and conducted temperature screening
5	KM0+000-1+500 Polder-33	Back filling Embankment	30	2	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
6	KM48+152-49+300 Polder-33	Back filing and slope cutting	15	2	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening

Sl. No.	Location, Polder No. Work site	Type of work	No of workers involved during 01.04.2020 to 30.04.2020		Expected date of work completion	Comments
			Local	Expatriate		
7	KM47+870-48+170 Polder-33	Slope protection	50	2	20.05.2020	Workers provided with Mask , Gloves and conducted temperature screening
8	Reyanda Polder-35/1	Embankment earth filling	70	4	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
9	Tafalbari Polder-35/1	C.C Block casting	60	10	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
10	Polimongal Polder-35/1	Sluice work & embankment earth filling	30	2	26.05.2020	Workers provided with Mask , Gloves and conducted temperature screening
11	Khuriakhali Polder-35/1	Embankment earth filling	30	1	14.05.2020	Workers provided with Mask , Gloves and conducted temperature screening
12	Tafalbari Polder-35/1	Office work	2	2	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
13	Bhadhaghat Polder-35/3	Embankment earth filling	70	3	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
14	Khulna	Office work	2	10	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
15	Dhaka	Office work	1	2	30.06.2020	Workers provided with Mask , Gloves and conducted temperature screening
		Total workers	**553**	**56**		

3.2.8 COVID-19 response (Package-1):

- Conducted temperature checks to all personnel and workers every day including office, camp, local construction, sluice and slope protection construction sites;
- All personnel used surgical masks during operation and had been given masks before starting works every day;
- Keep hands clean with hand sanitizer and disinfectant to avoid spreading of the virus
- Thorough disinfection is conducted on every Friday, including office areas, camps, prefabricated plants, construction vehicles and motor vehicles;
- Contact with more positions (such as gate guard, police), provide surgical masks, medical gloves, eye masks;
- The workers are provided safety education, increase publicity of novel coronavirus prevention knowledge before start of works;
- It is strictly forbidden to ask for leave and leave the working area.

3.2.9 Environment-related information, Package-1

The Contractor, Package-1 has forwarded some information related to environment for the month of April, 2020 as part of the regular exercise, as provided in Table as follows:

Table 3-12:Information for the month of April, 2020

Location	No. of total workers in 4 Polders in this month		No. of Env. training and trainees in this month		No. of total accidents took place in this month	No. of env. grievance recorded this month	No. of problem faced for env. compliance in this month	Comments
	Local workers	Expatriate workers	Nos. of training	Nos. of trainee				
Polder 32	173	11	04	54	00	00	00	
Polder 33	95	06	02	51	00	00	00	
Polder 35/1	192	19	07	187	01	00	00	Hand injury was treated with first aid facilities available at work site
Polder 35/3	70	03	01	21	00	00	00	
Nalian Closure Dam	20	05	02	11	00	00	00	
Khulna	02	10	01	03	00	00	00	
Dhaka	01	02	00	00	00	00	00	
Total=	**553**	**56**	**17**	**327**	**01**	**00**	**00**	

3.2.10 Noise measurement of Package-1

None of the automated CC block manufacturing plants of Package-1 was in operation during the month of April, 2020. Thus, no measurement was carried out in any polders of the Package-1.

3.2.11 Collection of information on workers in different work sites from Contractor, along with response to COVID-19, Package-2

The Contractor of Package-2 has been involved in various construction /civil activities where a large number of local and expatriate workers/ staffs are involved. The works were continued at various work sites during the month of April, 2020, when there were incidents of COVID-19 in the country and abroad. The Contractors took some measures like provision of mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature and preparation of isolation areas. The number of workers along with other information and safety issues provided by the contractors have been described by the contractor, Package-2 herewith.

Table 3-13: Work site information of Package 2, CEIP-1 during the month April, 2020

Sl. No.	Location of Work site	Type of work	No of workers involved during 01.04.2020 to 30.04.2020		Expected date of work completion	Comments
			Local	Expatriate		
1	39/2C	MS bar binding & shuttering works for DS-8.	43	11	5th June 2020	Shortage of local labors
2	40/2	Slope Protection work: Km 1+240 – Km 1+380; Embankment work: Km 1+380 – Km 3+000 Km 5+717 – Km 5+947	64	8		Shortage of local labors
3	41/1	1. DS-3: MS bar binding for Floor; 2. FS-5: MS bar binding & shuttering works for headwall;	57	11	20th May- Floor M/S bar work of DS-3; 15th May-headwall for FS-5	Shortage of local labors

Sl. No.	Location of Work site	Type of work	No of workers involved during 01.04.2020 to 30.04.2020		Expected date of work completion	Comments
			Local	Expatriate		
		3. Embankment work: Km 4 – Km 5;				
4	43/2C	Shuttering works for loose apron of DS-1(RS, Floor); CC Block work for loose apron of DS-7;	57	11	10th May- Floor M/S bar work of DS-1; 10th May-loose apron work of DS-7	Shortage of local labors
5	47/2	Embankment work: Km 06+100 – Km 07+100	2	0		Shortage of local labors
6	48	1. Slope Protection work: Km 30+800 – Km 30+900; 2. DS-6: Removal of formwork 3. DS-2A: Back filling; 4. FS-3: CC Block placing for loose apron of RS;	48	6	5th May-form work for DS-6; 5th May-for DS-2A; 25th May-CC Block for FS-3;	Shortage of local labors
Total workers			**271**	**47**		

3.2.12 COVID-19 Response (Package-2)

During this period, Contractor has always provided the protective tools to workers, such as Mask, Hand Sanitizer and the 75% of alcohol, also check workers` temperature everyday with Temperature measuring equipment and also every Polder camp has prepared the isolation area.

3.2.13 Environment-related information (Package-2)

The Contractor, Package-2 has forwarded some information related to environment for the month of April, 2020 as part of the regular monthly exercise, as provided in the following Table.

Table 3-14: Information relating to Environment under Package-2 for April, 2020

Locations	No. of Total Workers in 6 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	43	11	30	0	0	0	The number of worker decreased due to pandemic situation
Polder 40/2	64	8	40	0	0	0	The number of worker decreased due to pandemic situation
Polder 41/1	57	11	50	0	0	0	The number of worker decreased due to pandemic situation
Polder 43/2C	57	11	60	0	0	0	The number of worker decreased due to pandemic situation
Polder 47/2	2	0	0	0	0	0	The number of worker decreased due to pandemic situation
Polder 48	46	6	25	0	0	0	The number of worker decreased due to pandemic situation
Total=	**271**	**47**	**205**	**0**	**0**	**0**	

3.2.14 Noise Measurement, Package-2

The automated CC manufacturing plants of Polder 39/2C are closed during the month of April, although generator is functional for various other works. In other work sites noises are mainly related to functioning of generators. The noise levels of work sites of Polders 39/2C, 40/2, Polder 41/1, Polder 43/2C and 48 (works in Polder 47/2 almost completed) are provided in Table 3-15 as follows:

Table 3-15: Noise recording of Polder 39/2C

Monitoring Location:		Polder 39/2C - Camp Area, CC Block, Manufacturing plant & River Side
Monitoring Date		14 April -2020
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	Workshop Area x-486732.741, y-502101.72	65.3 63 64.5
	Camp Area x-486715.108, y-502101.107	57.5 56.5 56
	Community (East) x-486513.74, y-502104.15	65.5 65 63.5
	Community (West) x-486789.23, y-502103.163	66 64.5 63
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 recording of Polder 40/2

Monitoring Location		Polder 40/2, CC Block Manufacturing plant, camp
Monitoring Date		30.4.2020(Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		Generator
Location category		Mixed area
Measurement results, dB	Stacking area (E497126.491 N434341.003 2.88)	61 62 61
	Generator house (E497000.16 N434328.054 3.05)	78.9 79 79.3
	Kitchen (E497101.516 N434323.099 2.64)	53 52 52.3
	Camp room No.1(E497100.876 N434366.099 2.66)	50 51.2 51
	Camp room No.2(E497121.312 N434331.878 2.65)	49.5 49 48.5
	Worker rest house (E497090.418 N434360.046 2.31)	50 5.2 50.8

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 Recording of Polder 41/1

Monitoring Location		Polder 41/1 Coordinates: N447305.458 E521446.412
Monitoring Date		30.4.2020(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	stacking area N447365.951 E521434.048	60 59.5 59
	Kitchen N447392.819 E52141.700	67.5 67 67.2
	House No.1 N447368.946 E521409.219	64.3 63 62.4
	House No.2 N447389.027 E521416.627	69.9 65 67.5
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 3-18: Noise Recording of Polder 43/2C

Month: April, 2020		
Monitoring Location		Polder 43/2C, construction camp Coordinates: N454928.496 E540920.040
Monitoring Date		30.04.2020(Day time)
Noise Meter Model		Digital sound level meter AS804
Major noise sources during monitoring		labor working, generator
Location category		Mixed area
Measurement results, dB	Camp area N454928.496 E540920.040	53 52.5 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 3-19: Noise Recording of Polder 48

Monitoring Location	Polder 48, CC block yard Coordinates: N416325.431 E512365.154
Monitoring Date:	30.04. 2020
Noise Meter Model	Digital sound level meter AS804
Major noise sources during monitoring	Generator

Location category		Mixed area
Measurement results, dB	Kitchen N416375.098 E512307.765	58 57.3 56
	House No.1 N416359.302 E512310.137	58.8 59 58
	House No.2 N416365.201 E512327.038	55 56.5 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)

3.2.15 Progress of Mechanical Work

About mechanical aspects the following activities were conducted:

Package-1

The installation of gates and hoists in 29 sluices have been completed and installation of the remaining gates are in a boost stage of completion and will speed up the expenditures and consequently the disbursements in the coming months. Corrective action is executed on some of the sluices to install support brackets with replacement of shafts (incorrectly fabricated by contractor) and reduce the diameter of the swivel wheel. Revised design and drawings have been prepared for the drainage sluices of different Polders which has already been approved by the concerned Design Office of BWDB. Work order for Fabrication and Installation of Gates and Hoists, based on revised design, was issued to the Contractor immediately after getting approval of the revised design. After approval of the Variation order the Contractor has made fabrication contract with local manufacturer. Fabrication work was started but due to worldwide pandemic of Corona Virus no further progress could be in fabrication of Gates and Hoists in China and in local factory during the month of April, 2020.

Package-2

Shop Drawings of gates and Hoists approved and sent to the Contractor to start fabrication work in China. Pre-Fabrication material test was done at BUET and found in order. Gates and Hoists are being fabricated in China. Already 45 no. gates and hoists have arrived at site. Inspection and testing of these Gates have already been done. Contractor has been advised to install these Gates as early as possible. Already 10 no gates have been installed in the completed structures. For the remaining Gates the Contractor is being persuaded and they promised to bring those Gates shortly but due to worldwide pandemic of Corona Virus no further progress could be in fabrication of Gates and Hoists in China and in local factory during the month of April, 2020.

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

3.3.1 Design

The Design Parameters for Package-3 were obtained from IWM in the month of March, 2018 which were concurred by the Superintending Engineer, Design Circle-5 in the month of September, 2018. By this time, the Design of Embankments of 7 Polders and Drainage Cum Flushing Sluices have been prepared and submitted to the Design Circle-5 BWDB, Dhaka for approval. The design of Embankment of 7 Polders and design of 15 Drainage Sluices of different vents have been approved by the BWDB Design Circle-5 by this time and the design of more 38 Drainage Sluices of different vents have been completed and submitted to the BWDB Design Circle-5 for approval.1(one) typical

design of Gates & Hoists for Drainage Sluice and 1 (one) typical design of Gates & Hoists for Flushing Sluice have been submitted to the BWDB Design Circle-3 for approval. The detailed information with regard to status of preparation and approval of design 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	0	4	4	0	1	1	0
2	15	30.78	30.78	30.78	15.44	15.44	0	4	4	2	0	0	0
3	16	44.75	44.75	44.75	47.90	47.90	0	17	17	4	0	0	0
4	17/1	38.50	38.50	38.50	35.80	35.80	0	10	10	4	0	0	0
5	17/2	11.00	11.00	11.00	12.40	12.40	0	3	3	4	0	0	0
6	23	36.70	36.70	36.70	31.50	31.50	0	12	12	0	12	12	0
7	34/3	17.00	17.00	17.00	11.10	11.10	0	3	3	1	6	6	0
	Total	**209.98**	**209.98**	**209.98**	**167.37**	**167.37**	**0**	**53**	**53**	**15**	**19**	**19**	**0**

River Bank Protection Works (Km)			Embankment Slope Protection Works (Km)			Gates & Hoists					
						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
0.00	0.00	0	4.78	4.78	0			0		0	0
1.60	1.60	0	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	**1.60**	**0.00**	**4.78**	**4.78**	**0.00**	**1**	**1**	**0.00**	**1**	**1**	**0**

3.3.2 Bidding Document of Package-3

Preparation of the Bidding Documents had been completed and submitted to PMU on 17 October, 2019.

3.3.3 Preparation of EIA of Package-3

EIA of 7 Polders of Package-3 have been drafted and submitted to the World Bank through PMU for their comments. At present the EIA report of Polder 14/1 has been reviewed in the light of the latest comments of World Bank and submitted to International Environmental Panel of Expert (IPOE) for review and approval. It is still under review by the IPOE.

In addition, a format has been developed for both Package-1 and Package-2 that included various recording of key information related to the engaged workers at different work sites, as per the requirements of the World Bank Senior Environmental Specialist. The format includes information like worker's address, supporting family members, history of different diseases he suffered/ is suffering, next of kin etc. for conduct of follow up activities as and when required.

3.3.4 RAP Preparation for 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 have done in all seven Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3) under Package-3, CEIP-1. A total of

20 community consultation meetings were conducted in 15 different locations in all Polders of Package-3. Resettlement Action Plan (RAP) for Package-3 was submitted by the consultants long before. 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 LAP is being updated in accordance with the approved design of embankment. However, the RAP submitted earlier has also to be updated based on updated LAP.

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 4.50 m which was submitted to the Project Director, PMU, CEIP-1, BWDB, Dhaka. The Project Director forwarded the proposal of LAP to the XEN, CEIP-1, Khulna to submit the same to the concerned DCs. Meanwhile, BWDB had decided to change the design of embankment providing the crest width 6.00m instead of 4.50 m. 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 85.95 ha land for improvement of Seven Polders. The 3rd Package is likely to displace 4785 house hold (HH) and other units. But all these activities will require updated in accordance with the revised LAP.

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

3.4.1 Introduction

The Progress report covers the events up to 30th April, 2020. The contact 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.

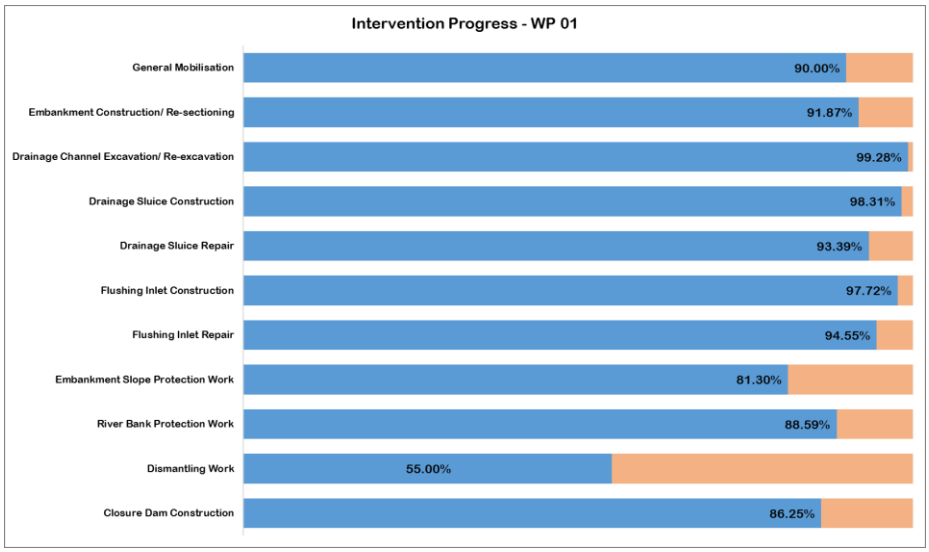

Figure 3-4: Item Wise Progress of Package-1

The Contractor submitted the administrative work and has affected necessary site visit to establish the dossier for 5% advance Payment and take possession for sites. Contractor has received the full 10 % advance payment and spent to purchase machineries and equipment in China; Chinese engineers and supporting personnel have mobilized and the same is true for the recruitment of local labour; construction of facilities and buildings are mostly completed. Total expenditure incurred up to IPC-22 is BDT 5,452.07 million including adjustment for changes in legislation (VAT & IT) and adjustment for changes in cost. Construction of 38 nos. Drainage Sluices out of 38 nos. have been completed. Out of 30 nos. of Flushing sluice 29 nos. have already been completed. The remaining Flushing Sluice # 21 of Polder-35/1 has been dropped as the existing condition of Flushing Sluice is in good condition. Total length of

embankment in 4 Polders under Package-1 is 200.617 out of which 17.063 km is paved road. The remaining 182.704 km embankment, 155.793 km is completed, and 24.232 km is partially completed which is expected to be fully completed within the target date of the contract. The original target for River bank protection works was 4.45 km but as per actual field requirement 200 m bank protection works have been reduced in Polder-33 & Polder-35/1 by 100m each, resulting the revised target 4.25 km. Out of 4.25 km, 4.15 km has been completed and the remaining 0.100 km is expected to be completed within the target date of Contract period. The original target for Slope Protection works was 19.966 Km but as per the field requirement in total 200 m have been omitted in Polder-35/3 resulting the revised target 19.766 Km. Out of 19.766 km, 13.576 km has been completed. The remaining 6.19 km Slope Protection works are in different stages of progress and expected to be completed within the target date of the Contract period. Manufacturing of C.C blocks are going on for the riverbank & slope protection work. The item wise physical progress of Package-1 is reflected in Table-3.31

3.4.2 Physical Progress (Mile Stone Matrix)

Table 3-21: Physical Works Status of Package-1 as on April, 2020

Item	Unit	RF Target	Revised Quantity	Tentative Program FY 2019-2020		Cumulative upto June 2019		Cumulative upto 31 March 2020		Current Month		Cumulative upto 30 April 2020		Cumilative During FY 2019-20	
				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=(14-10)*	*13*	*14*	*15=(13-7)*	*16=13*
Embankment Construction/Re-sectioning	Km	200.617	200.617	54.454	0	146.163	22.387	154.393	25.632	1.400	24.232	155.793	24.232	9.63	24.232
						72.86%	72.86%	76.96%	79.43%	0.70%	3.42%	77.66%	82.86%	4.80%	10.00%
Drainage Channel Excavation/Re-excavation	Km	151.210	118.050	36.44	0	114.77	0.000	115.55	0.000	1.300	0.000	116.85	0	2.08	0.00
						75.90%	0	97.88%	0	1.10%	0.00%	98.98%	0	23.08%	0.00%
Drainage Sluice Construction	No.	38	38	3	0	35	3	38	0	0	0	38	0	3	0
						92.11%	93.00%	100.00%	0.00%	0%	0%	100.00%	0%		
Drainage Sluice Repair	No.	2	2	0	0	2	0	2	0	0	0	2	0	0	0
						100.00%		100.00%		0.00%		100.00%			
Flushing Inlet Construction	No.	30	29	2	0	28	1	29	0	0	0	29	0	1	0
						93.33%	82.15%	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%		
Flushing Inlet Repair	No.	14	14	2	0	12	1	13	1	0	0	13	1	1	1
						85.71%	68.82%	92.86%	93.21%	0.00%	4.29%	92.86%	97.50%		
Embankment Slope Protection Work	Km	19.966	19.766	4.652	0	9.188	0.000	11.556	-	2.020	-	13.576	-	4.39	0.00
						46.02%		58.46%		10.22%		68.68%			
River Bank Protection Work	Km	4.45	4.25	0.40	0	4.050		4.150	-	0.000	-	4.150	-	0.10	0.00
						91.01%		97.65%		0.00%		97.65%			
Closure Dam Construction	No.	1	1	1	0		63% of the foundation	100% of the foundation,	100% Closing of the Closure works & 50% Protection Work of the Closure	0% of the foundation,	0% Closing of the Closure works & 0% Protection Work of the Closure	100% of the foundation & 100% Closing of the Closure works	50% Protection Work of the Closure	37% of the foundation, 100% Closing of the Closure works	50% Protection Work of the Closure

Table 3-22: Polder wise Physical Works status of Package-1 as on April, 2020

DS FS Construction Summary

Package #	Polder No	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%	3	2	1	1	1	0	0	100.00%	0
	33	12	0	12	12	0	0	100.00%	0	12	6	6	6	0	0	100.00%	0
	35/1	15	1	14	14	0	0	100.00%	0	16	4	12	12	0	0	100.00%	0
	35/3	4	0	4	4	0	0	100.00%	2	10	0	10	10	0	0	100.00%	10
	Total	39	1	38	38	0	0	100.00%	5	40	11	29	29	0	0	100.00%	10

DS FS Repair Summary

Package #	Polder No	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%	0
	33	0	0	0	0	0	0	NA	0	6	3	3	3	0	0	100.00%	0
	35/1	2	0	2	2	0	0	100.00%	0	3	0	3	2	1	0	88.33%	0
	35/3	0	0	0	0	0	0	NA	0	2	0	2	2	0	0	100.00%	0
	Total	2	0	2	2	0	0	100.00%	0	30	16	14	13	1	0	97.50%	0

		Bank Protection Work Summary			Slope Protection Work Summary			Drainage Channel Excavation Summary				CC Block Production Status		
Package No	Polder No	Target Length (Km)	Completed Length (Km)	% Completed	Target Length (Km)	Completed Length (Km)	% Completed	RF Target Length (Km)	Target Length (Km)	Completed Length (Km)	% Completed	Target Quantity	Production Quantity	% Completed
Package 1	32	2.000	2.000	100.00%	3.30	3.10	93.94%	17.50	14.95	14.75	98.66%	1,918,027	1,886,840	98.37%
Package 1	33	1.300	1.300	100.00%	4.02	4.02	100.00%	63.21	53.82	53.82	100.00%	1,619,763	1,256,353	77.56%
Package 1	35/1	0.800	0.700	87.50%	11.75	5.76	49.02%	70.50	49.28	48.28	97.97%	3,628,072	2,865,272	78.98%
Package 1	35/3	0.150	0.150	100.00%	0.70	0.70	100.00%	0.00	0.00	0.00		220,567	212,954	96.55%
	Package 1	4.250	4.150	97.65%	19.766	13.576	68.68%	151.21	118.05	116.85	98.98%	7,386,429	6,221,419	84.23%

		Embankment Construction/ Resectioning Summary												Partly Completed		
Package No	Polder No	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	34.055	68.57%	0.00	0.00	NA	30.70	23.54	76.66%	18.96	10.52	55.47%	0.000	6.767	8.215
Package 1	33	49.154	41.691	84.82%	0.00	0.00	NA	44.33	38.86	87.68%	4.83	2.83	58.57%	0.000	0.000	2.000
Package 1	35/1	61.972	44.317	71.51%	0.00	0.00	NA	55.25	41.30	74.74%	6.72	3.02	44.96%	0.000	3.405	1.700
Package 1	35/3	39.825	35.730	89.72%	0.00	0.00	NA	28.90	25.38	87.82%	10.93	10.36	94.74%	0.000	1.570	0.575
	Package 1	200.617	155.793	77.66%	0.000	0.000	NA	159.174	129.069	81.09%	41.44	26.72	64.48%	0.000	11.742	12.490

Table 3-23: Detailed information of Construction Status of Embankment of Package-1

#	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 April 2020	Completed Length (km)	Partly Completed Length (km)	Remarks
Package 1																			
1	32	Nalian	Ongoing	0.483	0.000	0.483	Resectioning	N	NA	23,228	22,500	10,272	-	96.87%	0.00%	89.12%	0.250	0.233	Work in Progress
2	32	Nalian	Ongoing	1.393	0.483	1.876	Retired	N	NA	63,519	62,000	29,624	-	97.61%	0.00%	89.80%	0.800	0.593	Work in Progress
3	32	Gunari	Ongoing	0.624	1.876	2.500	Resectioning	N	NA	29,858	28,500	13,270	-	95.45%	0.00%	87.82%	0.400	0.224	Work in Progress
4	32	Gunari	Ongoing	2.690	2.500	5.190	Retired	N	NA	141,764	139,000	57,207	-	98.05%	0.00%	90.21%	2.500	0.190	Work in Progress
5	32	Gunari	Ongoing	0.480	5.190	5.670	Resectioning	N	NA	14,075	14,075	10,208	9,187	100.00%	90.00%	99.20%	0.480	0.000	Work in Progress
6	32	Gunari	Ongoing	0.280	5.670	5.950	Retired	N	NA	15,209	15,209	5,955	5,500	100.00%	92.36%	99.39%	0.280	0.000	Work in Progress
7	32	kalabogi	Ongoing	1.300	5.950	7.250	Resectioning	N	NA	47,121	47,120	27,647	25,000	100.00%	90.43%	99.23%	1.300	0.000	Work in Progress
8	32	kalabogi	Ongoing	1.800	7.250	9.050	Retired	N	NA	84,911	84,900	38,280	38,000	99.99%	99.27%	99.93%	1.800	0.000	Work in Progress
9	32	Vita Bhanga	Ongoing	1.167	9.050	10.217	Resectioning	N	NA	27,523	27,400	24,818	20,000	99.55%	80.59%	98.04%	1.167	0.000	Work in Progress
10	32	Vita Bhanga	Ongoing	0.333	10.217	10.550	Retired	N	NA	12,255	12,250	7,082	7,000	99.96%	98.84%	99.87%	0.333	0.000	Work in Progress
11	32	Vita Bhanga & Joynagar	Ongoing	1.789	10.550	12.339	Resectioning	N	NA	37,410	34,000	38,046	30,000	90.88%	78.85%	89.92%	1.500	0.289	Work in Progress
12	32	Joynagar	Ongoing	0.429	12.339	12.768	Retired	N	NA	15,449	10,000	9,123	-	64.73%	0.00%	59.55%	0.000	0.200	Work not started.
13	32	Joynagar	Ongoing	0.760	12.768	13.528	Resectioning	N	NA	15,933	9,000	16,163	-	56.49%	0.00%	51.97%	0.000	0.760	Work in Progress
14	32	Jaliyakhali	Ongoing	0.772	13.528	14.300	Retired	N	NA	32,299	15,000	16,418	-	46.44%	0.00%	42.73%	0.000	0.772	Work in Progress
15	32	Jaliyakhali	Ongoing	1.415	14.300	15.715	Resectioning	N	NA	26,458	26,458	30,092	30,000	100.00%	99.69%	99.98%	1.415	0.000	Work completed.
16	32	Jaliyakhali	Ongoing	1.040	15.715	16.755	Retired	N	NA	45,253	32,000	22,117	-	70.71%	0.00%	65.06%	0.800	0.240	Work in Progress
17	32	Kamarkhola	Ongoing	1.603	16.755	18.358	Resectioning	N	NA	37,848	18,500	34,090	-	48.88%	0.00%	44.97%	0.600	0.603	Work in Progress
18	32	Kamarkhola	Ongoing	0.957	18.358	19.315	Retired	N	NA	37,999	34,000	20,352	15,000	89.48%	73.70%	88.21%	0.500	0.457	Work in Progress
19	32	Kamarkhola	Ongoing	0.959	19.315	20.274	Resectioning	N	NA	16,267	16,250	20,395	20,000	99.90%	98.06%	99.75%	0.959	0.000	Work in Progress
20	32	Kamarkhola	Ongoing	1.083	20.274	21.357	Retired	N	NA	40,650	38,500	23,032	-	94.71%	0.00%	87.13%	0.900	0.183	Work in Progress
21	32	Kamarkhola & Kalinagar	Ongoing	3.814	21.357	25.171	Resectioning	N	NA	49,814	47,500	81,111	70,000	95.35%	86.30%	94.63%	3.770	0.044	Work in Progress
22	32	Kalinagar	Ongoing	0.801	25.171	25.972	Retired	N	NA	26,259	26,250	17,035	15,000	99.97%	88.06%	99.01%	0.801	0.000	Work in Progress
23	32	Kalinagar & Sutarkhali	Ongoing	4.556	25.972	30.528	Resectioning	N	NA	68,868	61,000	96,891	80,000	88.58%	82.57%	88.09%	4.300	0.256	Work in Progress
24	32	Sutarkhali	Ongoing	0.144	30.528	30.672	Retired	N	NA	5,221	4,000	3,062	-	76.61%	0.00%	70.48%	0.000	0.144	Work in Progress
25	32	Sutarkhali	Ongoing	0.577	30.672	31.249	Resectioning	N	NA	9,238	8,000	12,271	-	86.60%	0.00%	79.67%	0.000	0.577	Work in Progress
26	32	Sutarkhali	Ongoing	0.621	31.249	31.870	Retired	N	NA	32,273	18,000	13,207	-	55.77%	0.00%	51.31%	0.000	0.621	Work in Progress
27	32	Sutarkhali	Ongoing	0.312	31.870	32.182	Resectioning	N	NA	11,679	9,500	6,635	-	81.34%	0.00%	74.84%	0.000	0.312	Work in Progress
28	32	Sutarkhali	Ongoing	0.251	32.182	32.433	Retired	N	NA	9,696	6,000	5,338	-	61.88%	0.00%	56.93%	0.000	0.251	Work in Progress
29	32	Sutarkhali	Ongoing	3.294	32.433	35.727	Resectioning	N	NA	65,968	55,000	70,052	60,000	83.37%	85.65%	83.56%	3.000	0.294	Work in Progress
30	32	Sutarkhali	Ongoing	0.838	35.727	36.565	Retired	N	NA	38,549	38,500	17,821	15,000	99.87%	84.17%	98.62%	0.838	0.000	Work in Progress
31	32	Sutarkhali	Ongoing	2.395	36.565	38.960	Resectioning	N	NA	56,875	55,000	50,934	-	96.70%	0.00%	88.97%	1.200	1.195	Work in Progress
32	32	kalabogi	Ongoing	2.950	38.960	41.910	Retired	N	NA	134,676	90,000	62,737	-	66.83%	0.00%	61.48%	0.000	2.950	Work in Progress
33	32	kalabogi	Ongoing	1.136	41.910	43.046	Resectioning	N	NA	42,409	32,500	24,159	-	76.63%	0.00%	70.50%	0.000	1.136	Work in Progress
34	32	kalabogi	Ongoing	0.346	43.046	43.392	Retired	N	NA	15,286	10,000	7,358	-	65.42%	0.00%	60.19%	0.000	0.346	Work in Progress
35	32	kalabogi	Ongoing	1.077	43.392	44.469	Resectioning	N	NA	52,885	52,885	22,904	-	100.00%	0.00%	92.00%	1.077	0.000	Work in Progress
36	32	kalabogi	Ongoing	0.797	44.469	45.266	Retired	N	NA	47,680	35,000	16,950	-	73.41%	0.00%	67.53%	0.000	0.797	Work in Progress
37	32	kalabogi	Ongoing	1.283	45.266	46.549	Resectioning	N	NA	33,848	31,000	27,285	-	91.59%	0.00%	84.26%	0.800	0.483	Work in Progress
38	32	Nalian	Ongoing	0.216	46.549	46.765	Retired	N	NA	11,062	11,050	4,594	4,000	99.89%	87.08%	98.87%	0.216	0.000	Work in Progress
39	32	Nalian	Ongoing	0.318	46.765	47.083	Resectioning	N	NA	9,915	9,900	6,763	-	99.85%	0.00%	91.86%	0.318	0.000	Work in Progress
40	32	Nalian	Ongoing	0.251	47.083	47.334	Retired	N	NA	15,967	15,900	5,338	5,000	99.58%	93.67%	99.11%	0.251	0.000	Work in Progress
41	32	Nalian	Ongoing	1.361	47.334	48.695	Resectioning	N	NA	49,268	42,500	28,944	-	86.26%	0.00%	79.36%	1.000	0.361	Work in Progress
42	32	Nalian	Ongoing	0.971	48.695	49.666	Retired	N	NA	65,931	58,000	20,650	-	87.97%	0.00%	80.93%	0.500	0.471	Work in Progress
43	33	Banishanta	Ongoing	0.474	0.000	0.474	Retired	Y		24,964	17,500	9,084	4,000	70.10%	44.03%	68.02%	0.000	0.474	Work in progress
44	33	Banishanta	Ongoing	0.584	0.474	1.058	Resectioning	N	NA	11,192	11,192	11,192	7,000	100.00%	62.54%	97.00%	0.584	0.000	Work in progress
45	33	Purbo dangmari	Ongoing	0.492	1.058	1.550	Retired	N	NA	9,429	8,000	9,429	4,000	84.84%	42.42%	81.45%	0.000	0.492	Work in Progress
46	33	Dangmari	Ongoing	1.290	1.550	2.840	Resectioning	N	NA	24,723	24,723	24,723	24,723	100.00%	100.00%	100.00%	1.290	0.000	Work in progress
47	33	Dangmari	Ongoing	0.461	2.840	3.301	Retired	N	NA	8,835	8,835	8,835	8,835	100.00%	100.00%	100.00%	0.461	0.000	Work in progress
48	33	Dangmari to khajira	Ongoing	5.305	3.301	8.606	Resectioning	N	NA	101,669	101,669	101,669	101,669	100.00%	100.00%	100.00%	5.305	0.000	Work in progress
49	33	khajura	Ongoing	0.101	8.606	8.707	Retired	N	NA	1,936	1,936	1,936	1,936	100.02%	100.02%	100.02%	0.101	0.000	Work in progress
50	33	Khajura	Ongoing	0.283	8.707	8.990	Resectioning	N	NA	5,424	5,424	5,424	5,424	100.01%	100.01%	100.01%	0.283	0.000	Work in progress
51	33	Burir Dabor	Ongoing	0.175	8.990	9.165	Retired	N	NA	3,354	3,354	3,354	3,354	100.00%	100.00%	100.00%	0.175	0.000	Work in progress
52	33	Burir Dabor	Ongoing	1.865	9.165	11.030	Resectioning	N	NA	35,742	35,742	35,742	35,742	100.00%	100.00%	100.00%	1.865	0.000	Work in progress
53	33	Burir Dabor	Yet to Start	0.500	11.030	11.530	Resectioning	N	NA	-	-	-	-	0.00%	0.00%	0.00%	0.000	0.000	Pavement Road.
54	33	Burir Dabor to Bon lawdob	Ongoing	2.560	11.530	14.090	Resectioning	N	NA	49,062	49,062	49,062	30,000	100.00%	61.15%	96.89%	2.560	0.000	Work in progress
55	33	Bon lawdob to Gazirji	Ongoing	0.739	14.090	14.829	Retired	N	NA	14,163	14,163	14,163	14,163	100.00%	100.00%	100.00%	0.739	0.000	Work in progress
56	33	Gazirji to Ramnagar	Ongoing	2.293	14.829	17.122	Resectioning	N	NA	43,945	43,945	43,945	43,945	100.00%	100.00%	100.00%	2.293	0.000	Work in progress
57	33	Ramnagar	Ongoing	0.528	17.122	17.650	Retired	N	NA	10,119	10,119	10,119	10,119	100.00%	100.00%	100.00%	0.528	0.000	Work in progress
58	33	Ramnagar	Ongoing	1.650	17.650	19.300	Resectioning	N	NA	31,622	31,622	31,622	31,622	100.00%	100.00%	100.00%	1.650	0.000	Work in progress
59	33	Thakurbari to khagraghat	Yet to Start	2.600	19.300	21.900	Resectioning	N	NA	-	-	-	-	0.00%	0.00%	0.00%	0.000	0.000	Pavement Road.
60	33	Dacope to Tangrarchar	Ongoing	4.400	21.900	26.300	Resectioning	N	NA	84,325	84,325	84,325	84,325	100.00%	100.00%	100.00%	4.400	0.000	Work in progress
61	33	Shaheberabad(Dacope)	Ongoing	0.730	26.300	27.030	Retired	N	NA	32,663	25,000	13,990	2,000	76.54%	14.30%	71.56%	0.100	0.630	Work yet to be started.
62	33	Shaheberabad to Poddargonj	Ongoing	1.287	27.030	28.317	Resectioning	N	NA	24,665	24,665	24,665	24,665	100.00%	100.00%	100.00%	1.287	0.000	Work in progress
63	33	Poddargonj	Ongoing	0.224	28.317	28.541	Retired	N	NA	4,293	4,293	4,293	4,293	100.00%	100.00%	100.00%	0.224	0.000	Work in progress
64	33	Chunkuri	Ongoing	2.304	28.541	30.845	Resectioning	N	NA	44,156	44,156	44,156	44,156	100.00%	100.00%	100.00%	2.304	0.000	Work in progress
65	33	Chunkuri	Yet to Start	0.455	30.845	31.300	Resectioning	N	NA	-	-	-	-	0.00%	0.00%	0.00%	0.000	0.000	Energy Pack LPG Gass
66	33	Chunkuri	Ongoing	1.052	31.300	32.352	Resectioning	N	NA	20,161	20,161	20,161	20,161	100.00%	100.00%	100.00%	1.052	0.000	Work in progress
67	33	Chunkuri	Ongoing	7.440	32.352	39.792	Resectioning	N	NA	142,586	142,586	142,586	142,586	100.00%	100.00%	100.00%	7.440	0.000	Work in progress
68	33	Chunkuri to Kutakhali	Yet to Start	1.908	39.792	41.700	Resectioning	N	NA	-	-	-	-	0.00%	0.00%	0.00%	0.000	0.000	Pavement Road.
69	33	Kutakhali to Banishanta	Ongoing	6.550	41.700	48.250	Resectioning	N	NA	125,529	125,529	125,529	125,529	100.00%	100.00%	100.00%	6.550	0.000	Work in progress
70	33	Banishata to Banishanta Bazar.	Ongoing	0.904	48.250	49.154	Retired	N	NA	45,000	31,000	17,325	15,000	68.89%	86.58%	70.30%	0.500	0.404	Work in progress

#	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 April 2020	Completed Length (km)	Partly Completed Length (km)	Remarks
71	35/1	Fashiatola	Ongoing	0.750	0.000	0.750	Resectioning	N	NA	28,944	28,944	20,250	15,000	100.00%	74.07%	97.93%	0.750	0.000	Work in progress
72	35/1	Fashiatola	Ongoing	1.300	0.750	2.050	Resectioning	N	NA	51,044	51,044	35,100	10,000	100.00%	28.49%	94.28%	1.300	0.000	Work in progress
73	35/1	Fashiatola	Ongoing	0.600	2.050	2.650	Retired	N	NA	23,559	23,559	10,600	-	100.00%	0.00%	92.00%	0.600	0.000	Work in progress
74	35/1	East Amtoli	Ongoing	1.250	2.650	3.900	Retired	N	NA	49,081	49,081	21,750	-	100.00%	0.00%	92.00%	1.250	0.000	Work in progress
75	35/1	East Amtoli	Ongoing	0.300	3.900	4.200	Resectioning	N	NA	11,779	11,779	3,300	-	100.00%	0.00%	92.00%	0.300	0.000	Work in progress
76	35/1	Kumarkhali	Ongoing	0.700	4.200	4.900	Resectioning	N	NA	27,485	27,485	7,700	-	100.00%	0.00%	92.00%	0.700	0.000	Work in progress
77	35/1	Kumarkhali	Ongoing	0.250	4.900	5.150	Resectioning	N	NA	9,816	9,816	2,750	-	100.00%	0.00%	92.00%	0.250	0.000	Work in progress
78	35/1	Kumarkhali	Ongoing	1.100	5.150	6.250	Resectioning	N	NA	43,191	43,191	27,300	-	100.00%	0.00%	92.00%	1.100	0.000	Work in progress
79	35/1	Kumarkhali	Ongoing	0.750	6.250	7.000	Resectioning	N	NA	29,449	29,449	17,850	-	100.00%	0.00%	92.00%	0.750	0.000	Work in progress
80	35/1	Khontakata	Ongoing	3.000	7.000	10.000	Resectioning	N	NA	117,795	117,500	69,000	-	99.75%	0.00%	91.77%	3.000	0.000	Work in progress
81	35/1	Boraitola	Ongoing	2.300	10.000	12.300	Resectioning	N	NA	81,148	60,000	50,600	-	73.94%	0.00%	68.02%	0.500	1.800	Work in progress
82	35/1	Boraitola	Ongoing	1.700	12.300	14.000	Retired	N	NA	67,073	59,000	44,900	-	87.96%	0.00%	80.93%	0.500	1.200	Work in progress
83	35/1	Boraitola	Ongoing	1.005	14.000	15.005	Resectioning	N	NA	39,652	36,000	23,115	-	90.79%	0.00%	83.53%	0.400	0.605	Work in progress
84	35/1	Boraitola	Ongoing	0.925	15.005	15.930	Resectioning	N	NA	36,320	36,320	21,275	1,116	100.00%	5.25%	92.42%	0.925	0.000	Work in progress
85	35/1	Rajoir	Ongoing	2.990	15.930	18.920	Resectioning	N	NA	188,824	188,824	88,030	17,940	100.00%	20.38%	93.63%	2.990	0.000	Work in progress
86	35/1	Chal Rayenda	Ongoing	1.060	18.920	19.980	Resectioning	N	NA	41,621	41,621	32,860	15,900	100.00%	48.39%	95.87%	1.060	0.000	Work in progress
87	35/1	Chal Rayenda	Ongoing	0.020	19.980	20.000	Resectioning	N	NA	785	785	620	-	100.00%	0.00%	92.00%	0.020	0.000	Work in progress
88	35/1	Tafalbari	Ongoing	0.500	20.000	20.500	Retired	N	NA	19,632	19,632	20,500	-	100.00%	0.00%	92.00%	0.500	0.000	Work in progress
89	35/1	Tafalbari	Ongoing	0.500	20.500	21.000	Resectioning	N	NA	19,632	19,632	14,500	-	100.00%	0.00%	92.00%	0.500	0.000	Work in progress
90	35/1	Gabtola	Ongoing	2.500	21.000	23.500	Resectioning	N	NA	98,162	98,162	72,500	-	100.00%	0.00%	92.00%	2.500	0.000	Work in progress
91	35/1	Gabtola	Ongoing	2.500	23.500	26.000	Retired	N	NA	98,162	59,500	84,500	-	60.61%	0.00%	55.76%	0.000	0.500	Work in progress
92	35/1	Terabeka	Ongoing	2.000	26.000	28.000	Resectioning	N	NA	78,530	72,500	44,000	-	92.32%	0.00%	84.94%	1.000	1.000	Work in progress
93	35/1	Sharankhola	Ongoing	1.150	28.000	29.150	Resectioning	N	NA	45,155	45,155	25,300	18,000	100.00%	71.15%	97.69%	1.150	0.000	Work in progress
94	35/1	Sharankhola	Ongoing	1.450	29.150	30.600	Resectioning	N	NA	56,934	56,934	31,900	20,000	100.00%	62.70%	97.02%	1.450	0.000	Work in progress
95	35/1	Sharankhola	Ongoing	2.100	30.600	32.700	Resectioning	N	NA	29,900	29,900	46,200	30,000	100.00%	64.94%	97.19%	2.100	0.000	Work in progress
96	35/1	Sonatala	Ongoing	2.300	32.700	35.000	Resectioning	N	NA	90,309	90,309	50,600	35,000	100.00%	69.17%	97.53%	2.300	0.000	Work in progress
97	35/1	Sonatala	Ongoing	1.500	35.000	36.500	Resectioning	N	NA	25,500	25,500	33,000	20,000	100.00%	60.61%	96.85%	1.500	0.000	Work in progress
98	35/1	Sonatala	Ongoing	2.000	36.500	38.500	Resectioning	N	NA	41,742	41,742	44,000	30,000	100.00%	68.18%	97.45%	2.000	0.000	Work in progress
99	35/1	Rasulpur	Ongoing	0.850	38.500	39.350	Resectioning	N	NA	33,536	33,536	17,850	8,000	100.00%	44.82%	95.59%	0.850	0.000	Work in progress
100	35/1	Rasulpur	Ongoing	3.110	39.350	42.460	Resectioning	N	NA	79,630	79,630	68,420	27,368	100.00%	40.00%	95.20%	3.110	0.000	Work in progress
101	35/1	Rajaour	Ongoing	1.450	42.460	43.910	Resectioning	N	NA	56,934	56,900	31,900	12,760	99.94%	40.00%	95.15%	1.450	0.000	Work in progress
102	35/1	Rajaour	Ongoing	0.140	43.910	44.050	Resectioning	N	NA	5,497	5,497	3,080	2,000	100.00%	64.94%	97.19%	0.140	0.000	Work in progress
103	35/1	Rajaour	Ongoing	6.050	44.050	50.100	Resectioning	N	NA	220,870	220,500	133,100	70,000	99.83%	52.59%	96.05%	6.050	0.000	Work in progress
104	35/1	Dhansagor	Ongoing	1.150	50.100	51.250	Resectioning	N	NA	45,155	45,155	25,300	10,120	100.00%	40.00%	95.20%	1.150	0.000	Work in progress
105	35/1	Dhansagor	Yet to Start	9.650	51.250	60.900	Resectioning	N	NA	380,739	-	202,650	-	0.00%	0.00%	0.00%	0.000	0.000	Pavement Road.
106	35/1	Sannashi	Yet to Start	0.900	60.900	61.800	Resectioning	N	NA	35,509	-	19,800	-	0.00%	0.00%	0.00%	0.000	0.000	Pavement Road.
107	35/1	Sannashi	Ongoing	0.172	61.800	61.972	Retired	N	NA	8,476	8,476	4,128	-	100.00%	0.00%	92.00%	0.172	0.000	Work in progress
108	35/3	Molliker ber	Ongoing	0.140	0.000	0.140	Resectioning	N	NA	4,724	4,000	3,046	3,046	84.67%	99.99%	85.90%	0.140	0.000	Work in Progress
109	35/3	Molliker ber	Ongoing	0.340	0.140	0.480	Retired	N	NA	15,311	14,500	7,398	7,000	94.70%	94.62%	94.70%	0.340	0.000	Work in Progress
110	35/3	Molliker ber	Ongoing	0.285	0.480	0.765	Resectioning	N	NA	7,534	7,534	6,202	6,200	100.00%	99.97%	100.00%	0.285	0.000	Work in Progress
111	35/3	Molliker ber	Completed	0.375	0.765	1.140	Retired	N	NA	16,049	16,049	8,160	8,160	100.00%	100.00%	100.00%	0.375	0.000	Work in Progress
112	35/3	Molliker ber	Ongoing	1.405	1.140	2.545	Resectioning	N	NA	53,284	51,600	30,573	20,000	96.84%	65.42%	94.33%	1.405	0.000	Work in Progress
113	35/3	Molliker ber	Ongoing	1.095	2.545	3.640	Retired	N	NA	51,415	50,200	23,827	22,000	97.64%	92.33%	97.21%	1.095	0.000	Work in Progress
114	35/3	Molliker ber	Ongoing	1.330	3.640	4.970	Resectioning	N	NA	39,093	38,300	28,941	27,000	97.97%	93.29%	97.60%	1.330	0.000	Work in Progress
115	35/3	Molliker ber	Ongoing	0.100	4.970	5.070	Retired	N	NA	4,433	4,400	2,176	2,000	99.26%	91.91%	98.67%	0.100	0.000	Work in Progress
116	35/3	Bashbaria	Ongoing	1.715	5.070	6.785	Resectioning	N	NA	49,997	49,000	37,318	36,000	98.01%	96.47%	97.88%	1.715	0.000	Work in Progress
117	35/3	Bashbaria	Ongoing	2.515	6.785	9.300	Retired	N	NA	122,038	120,000	54,726	48,000	98.33%	87.71%	97.48%	2.400	0.115	Work in Progress
118	35/3	Panchamala	Ongoing	0.320	9.300	9.620	Resectioning	N	NA	7,225	7,225	6,963	6,900	100.00%	99.09%	99.93%	0.320	0.000	Work in Progress
119	35/3	Panchamala	Ongoing	0.980	9.620	10.600	Retired	N	NA	49,393	47,900	21,325	20,000	96.98%	93.79%	96.72%	0.900	0.080	Work in Progress
120	35/3	Panchamala	Ongoing	1.900	10.600	12.500	Resectioning	N	NA	59,564	59,000	41,344	40,000	99.05%	96.75%	98.87%	1.900	0.000	Work in Progress
121	35/3	Radhaballov	Ongoing	1.365	12.500	13.865	Retired	N	NA	72,119	69,000	29,702	25,000	95.68%	84.17%	94.75%	1.200	0.165	Work in Progress
122	35/3	Radhaballov	Ongoing	0.105	13.865	13.970	Resectioning	N	NA	2,982	2,600	2,285	2,000	87.19%	87.54%	87.22%	0.105	0.000	Work in Progress
123	35/3	Radhaballov	Ongoing	0.165	13.970	14.135	Retired	N	NA	5,945	2,500	3,590	1,800	42.05%	50.13%	42.70%	0.000	0.165	Work in Progress
124	35/3	Radhaballov	Ongoing	1.165	14.135	15.300	Resectioning	N	NA	45,703	15,000	25,350	1,000	32.82%	3.94%	30.51%	0.365	0.800	Work in progress
125	35/3	Karapara	Ongoing	0.270	15.300	15.570	Retired	N	NA	17,381	10,000	5,875	2,550	57.53%	43.40%	56.40%	0.220	0.050	Obstruction by the local commissioner.
126	35/3	Karapara	Ongoing	3.770	15.570	19.340	Resectioning	N	NA	136,405	110,000	82,035	5,000	80.64%	6.09%	74.68%	3.000	0.770	Work in Progress
127	35/3	Dema	Ongoing	0.440	19.340	19.780	Retired	N	NA	10,560	9,800	9,574	8,050	92.80%	84.08%	92.11%	0.440	0.000	Work in Progress
128	35/3	Dema	Ongoing	9.320	19.780	29.100	Resectioning	N	NA	306,596	306,596	202,803	195,000	100.00%	96.15%	99.69%	9.320	0.000	Work in Progress
129	35/3	Khegraghat	Ongoing	1.160	29.100	30.260	Retired	N	NA	53,605	51,000	25,242	21,000	95.14%	83.20%	94.18%	1.160	0.000	Work in Progress
130	35/3	Dema	Ongoing	3.950	30.260	34.210	Resectioning	N	NA	110,694	109,600	87,040	80,000	99.01%	91.91%	98.44%	3.950	0.000	Work in Progress
131	35/3	Molliker ber	Yet to Start	1.950	34.210	36.160	Resectioning	N	NA	-	-	-	-	0.00%	0.00%	0.00%	0.000	0.000	Work not Required.
132	35/3	Molliker ber	Ongoing	1.220	36.160	37.380	Retired	N	NA	55,196	54,200	26,547	24,000	98.20%	90.41%	97.57%	1.220	0.000	Work in Progress
133	35/3	Molliker ber	Ongoing	0.020	37.380	37.400	Resectioning	N	NA	845	845	435	400	100.00%	91.91%	99.35%	0.020	0.000	Work in Progress
134	35/3	Molliker ber	Ongoing	0.430	37.400	37.830	Retired	N	NA	20,042	20,042	9,357	9,000	100.00%	96.19%	99.69%	0.430	0.000	Work in Progress
135	35/3	Molliker ber	Ongoing	0.735	37.830	38.565	Resectioning	N	NA	31,884	31,500	15,994	15,000	98.80%	93.79%	98.39%	0.735	0.000	Work in Progress
136	35/3	Molliker ber	Ongoing	0.475	38.565	39.040	Retired	N	NA	22,108	21,500	10,336	9,000	97.25%	87.07%	96.44%	0.475	0.000	Work in Progress
137	35/3	Molliker ber	Ongoing	0.785	39.040	39.825	Resectioning	N	NA	21,453	20,000	17,082	15,500	93.23%	90.74%	93.03%	0.785	0.000	Work in progress

Table 3-24: Detailed information of Construction Status of Drainage Channel of Package-1

#	Polder	Name of Khal	Status of Work	RF Length (Km)	Revised Length (Km)	Completed Length (km)	Required Quantity (Cum)	Achieved Quantity (Cum)	Status as of April, 2020	Remarks
Package 1										
1	32	Charar (DS-1)	Completed	1.500	1.300	1.300	23,212.80	23,212.80	100.00%	Work completed.
2	32	Hatkhola (DS-2)	Completed	3.500	3.500	3.500	50,830.00	50,830.00	100.00%	Work completed.
3	32	Para (DS-3)	Completed	4.500	3.900	3.900	30,135.73	30,135.73	100.00%	Work completed.
4	32	Kayratoli (DS-7)	Completed	3.000	3.000	3.000	25,979.00	25,979.00	100.00%	Work completed.
5	32	Clozarer (DS-8)	Ongoing	3.000	1.500	1.300	4,009.50	3,000.00	86.67%	Out of 3km, 2km is needed excavated. Work in progress.
6	32	Jaliakhali (DS-16)	Completed	2.000	1.750	1.750	20,654.10	20,654.10	100.00%	Work completed.
12	33	Bojan, DS 1	Completed	2.000	2.000	2.000	55,535.00	55,535.00	100.00%	Work completed.
9	33	Khejura, DS 2	Completed	5.500	5.500	5.500	13,220.00	13,220.00	100.00%	Work completed.
13	33	Borobage, DS 3	Completed	7.500	7.500	7.500	82,692.00	82,692.00	100.00%	Work completed.
14	33	Bolder, DS 4	Completed	1.000	1.000	1.000	18,618.00	18,618.00	100.00%	Work completed.
8	33	Chara, DS 5	Completed	10.000	10.000	10.000	60,075.00	60,075.00	100.00%	Work completed.
15	33	Dhopadi, DS 6	Completed	4.000	4.000	4.000	61,069.00	61,069.00	100.00%	Work completed.
16	33	Dacope, DS 7	Completed	4.000	4.000	4.000	115,278.00	115,278.00	100.00%	Work completed.
7	33	Bajua, DS 9	Completed	8.890	8.000	8.000	173,506.41	173,506.41	100.00%	Work in Progress
11	33	Pachin Baju, DS 10	Dropped	8.500	0.000	0.000	-	-	0.00%	
10	33	Khuntakhali, DS 11	Completed	4.500	4.500	4.500	19,416.00	19,416.00	100.00%	Work completed.
17	33	Borobaker, DS 13	Completed	6.000	6.000	6.000	20,444.00	20,444.00	100.00%	Work completed.
18	33	Kata, FS 9	Completed	1.320	1.320	1.320	28,247.00	28,247.00	100.00%	Work completed.
19	35/1	Terabeka,DS-08(Khal-01)	Completed	2.500	2.500	2.500	18,304.00	18,304.00	100.00%	Photo & video before and after excavation yet to be received.
20	35/1	Rayenda,DS-04(Khal-20)	Completed	9.500	4.280	4.280	39.936.26	39.936.26	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
21	35/1	Satgharer,DS-10(Khal-02)	Yet to Start	1.000	1.000	0.000	9,365.29	-	0.00%	Shop drawing yet to be receved.
22	35/1	Gabtota,DS-07(Khal-04)	Completed	2.000	2.000	2.000	10,257.75	10,257.75	100.00%	Photo & video before and after excavation yet to be received.
23	35/1	Tafalbari(Khal-06),DS-06	Completed	6.000	6.000	6.000	43,740.21	43,740.21	100.00%	Photo & video before and after excavation yet to be received.
24	35/1	Sonatola(Khal-11),DS-10	Completed	2.500	2.500	2.500	13,889.28	13,889.28	100.00%	Photo & video before and after excavation yet to be received.
25	35/1	Jheelbonia(Khal-19),DS-05	Completed	6.000	6.000	6.000	33,027.60	33,027.60	100.00%	Photo & video before and after excavation yet to be received.
26	35/1	Thanar(Khal-42),DS-11	Completed	3.500	3.500	3.500	66,529.89	66,529.89	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
27	35/1	Khunta kata(Khal-61),DS-03	Dropped	3.500	0.000	0.000	455.00	455.00	0.00%	Not required hence it is drop.
28	35/1	Kumarkhali(Khal-64),DS-02	Dropped	12.500	0.000	0.000	196,165.00	196,165.00	0.00%	Not required hence it is drop.
29	35/1	Sannashir(Khal-73),DS-01	Completed	1.500	1.500	1.500	11,036.51	11,036.51	100.00%	Photo & video before and after excavation yet to be received.
30	35/1	Andaria(Khal-75),DS-15	Completed	2.000	2.000	2.000	32,661.75	32,661.75	100.00%	Work yet to be started.
31	35/1	Kabirajer(Khal-79),DS-13	Completed	3.500	3.500	3.500	37,580.71	37,580.71	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
32	35/1	Rajapur(Khal-81),DS-12	Completed	3.500	3.500	3.500	75,359.01	75,359.01	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
33	35/1	Khajurbaria(Khal-90),DS-17	Completed	5.500	5.500	5.500	9,365.29	9,365.29	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
34	35/1	Rathiar(Khal-84),DS-16	Completed	4.500	4.500	4.500	67,109.94	67,109.94	100.00%	Photo & video before and after excavation yet to be received,spoil management needs
35	35/1	Fajajipara(Khal-76),DS-14	Completed	1.000	1.000	1.000	7,695.00	7,695.00	100.00%	Work completed.
36	35/3	Care Khal	Dropped	0.00	0.000	0.000	-	-	NA	Not required hence it is drop.
Total				151.210	118.050	116.85	1,435,463.76	1,425,088.97	99.28%	

Table 3-25: 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	Weighted % progress April, 2020)	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%	*Gate Installed.*
4	32	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
5	32	DS-9	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
6	32	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
7	32	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
10	33	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
11	33	DS-3	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
12	33	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
13	33	DS-6	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
14	33	DS-7	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
15	33	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
16	33	DS-9	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
17	33	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
18	33	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
19	33	DS-12	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
20	33	DS-13	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
21	35/1	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
22	35/1	DS-2	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
23	35/1	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
24	35/1	DS-5	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
25	35/1	DS-6	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
26	35/1	DS-7	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
27	35/1	DS-8	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
28	35/1	DS-11	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
29	35/1	DS-12	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
30	35/1	DS-13	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
31	35/1	DS-14	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
32	35/1	DS-15	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
33	35/1	DS-16	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
34	35/1	DS-17	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
35	35/1	DS-18	*Dropped*	N	NA					0%	*DS-18, Suspended due to vulnerable situation of Baleshor River from*
36	35/3	DS-1	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
39	35/3	DS-4	Completed	N	NA	100%	100%	100%	100%	100%	*Sluice in operation.*

Table 3-26: 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	Weighted % progress April, 2020)	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%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
6	33	FS-6	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
7	33	FS-8	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
8	33	FS-9	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
9	33	FS-10	*Dropped*	Y						0%	*Dropped due to Land Problem.*
10	33	FS-11	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
14	33	FS-19	*Dropped*							0%	*Dropped due to Land Problem .*
15	35/1	FS-1	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
16	35/1	FS-2	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
17	35/1	FS-4	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
18	35/1	FS-5	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
21	35/1	FS-12	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
22	35/1	FS-13	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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%	*Gate and hoisting system not yet installed as per revised design drawing..*
26	35/1	FS-17	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
27	35/1	FS-18	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
28	35/1	FS-19	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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-21. BWDB land to be identified by Resettlement team.*
30	35/1	FS-22	Completed	N	NA	100%	100%	100%	100%	100%	*Gate and hoisting system not yet installed as per revised design drawing..*
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 3-27: Detailed Information of Repair of Drainage & Flushing Sluices of Package-1

#	Package	Polder	Sluice Name	Status (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	Weighted % progress April 2020)	Remarks
Drainage Sluice												
1	1	35/1	DS-03	Completed	N	NA	100%	100%	100%	100%	100%	*Gate to be Installed*
2	1	35/1	DS-10	Completed	N	NA	100%	100%	100%	100%	100%	*Gat to be Installed*
Flushing Sluice												
1	1	32	FS-01	Completed	N	NA	100%	100%	100%	100%	100%	*Sluice in oparetion*
2	1	32	FFDFB-01	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
3	1	32	FFDFM-01	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
4	1	32	FFDFR-01	Dropped							NA	*No need to repair. (FFDFR-01)*
5	1	32	FM-08	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
6	1	32	FS-04	Dropped							NA	*Sluice not repairable.(FS-04)*
7	1	32	FM-09	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
8	1	32	FM-10	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
9	1	32	FM-12	Dropped							NA	*Sluice no need to repair.(FS-12)*
10	1	32	FM-01	Dropped							NA	*Sluice no need to repair.(FS-01)*
11	1	32	FM-02	Dropped							NA	*Sluice is now in no use.(FS-02)*
12	1	32	FM-07	Dropped							NA	*No need repair, connected with the private pond.(FS-07)*
13	1	32	FM-11	Dropped							NA	*No need repair, connected with the private pond.(FS-11)*
14	1	32	FO-02	Dropped							NA	*Outside the rtd. Embankment (FO-02)*
15	1	32	FO-03	Dropped							NA	*Sluice no need to repair.(FO-03)*
16	1	32	FO-04	Dropped							NA	*Outside the rtd. Embankment (FO-04)*
17	1	32	FO-05	Dropped							NA	*Outside the rtd. Embankment (FO-05)*
18	1	32	FO-06	Dropped							NA	*Outside the rtd. Embankment (FO-06)*
19	1	32	FH-9	Dropped							NA	*Engulf due of river erosion.(FH-09)*
20	1	33	FS-02	Dropped							NA	*Private structure, repair not needed. (FH-02)*
21	1	33	FS-12	Dropped							NA	*Private structure, repair not needed. (FH-02)*
22	1	33	FS-13	Completed	N	NA	100%	100%	100%	100%	100%	*Structural work completed. Installation of get yet to be done.*
23	1	33	FS-15	Completed	N	NA	100%	100%	100%	100%	100%	*Structural work completed. Installation of get yet to be done.*
24	1	33	FS-16	Completed	N	NA	100%	100%	100%	100%	100%	*Structural work completed. Installation of get yet to be done.*
25	1	33	FS-18	Dropped							NA	*Private structure, repair not needed. (FH-18)*
26	1	35/1	FS-03	Completed	N	NA	100%	100%	100%	100%	100%	*Gate to be Installed*
27	1	35/1	FS-10	Completed	N	NA	100%	100%	100%	100%	100%	*Gate to be Installed*
28	1	35/1	FS-20	Ongoing	N	NA	100%	100%	50%	50%	65%	*Work in progress*
29	1	35/3	FS-02	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*
30	1	35/3	FS-07	Completed	N	NA	100%	100%	100%	100%	100%	*work completed*

Table 3-28: 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 April, 2020	Remarks
Package 1								3%	77%	7%	13%			
1	32	0.70	N	NA	Completed	4.80	5.50	100%	100%	100%	100%	0.700	100%	Work Completed.
2	32	0.60	N	NA	Completed	7.10	7.70	100%	100%	100%	100%	0.600	100%	Work Completed.
3	32	1.00	N	NA	Completed	9.00	10.00	100%	100%	100%	100%	1.000	100%	Work Completed.
4	32	1.00	N	NA	Ongoing	15.00	16.00	100%	100%	80%	80%	0.800	96.00%	Retired embankment not yet completed. After completion of embankment work will be done.
5	33	0.10	N	NA	Completed	28.50	28.60	100%	100%	100%	100%	0.100	100%	Work Completed.
6	33	2.20	N	NA	Completed	41.74	43.93	100%	100%	100%	100%	2.199	100%	Work Completed.
7	33	0.04	N	NA	Completed	44.03	44.07	100%	100%	100%	100%	0.042	100%	Work Completed.
8	33	0.11	N	NA	Completed	45.00	45.11	100%	100%	100%	100%	0.110	100%	Work Completed.
9	33	0.17	N	NA	Completed	45.30	45.47	100%	100%	100%	100%	0.165	100%	Work Completed.
9	33	0.10	N	NA	Completed	45.47	45.57	100%	100%	100%	100%	0.100	100%	Work Completed.
9	33	1.00	N	NA	Completed	45.60	46.60	100%	100%	100%	100%	1.000	100%	Work Completed.
9	33	0.30	N	NA	Completed	47.87	48.17	100%	100%	100%	100%	0.300	100.00%	Work Completed. Location siffted km 47.870 to km 48.170 from km 51.100 to km 51.400 vide TL memo no. L2479_JHL_MAR
10	35/1	1.00	N	NA	Ongoing	2.30	3.30	80%	75%	70%	75%	0.570	74.80%	Retired embankment partially done during 2016-2017.After completion Embankment, pittching work will be done.
11	35/1	1.50	N	NA	Ongoing	3.80	5.30	10%	75%	15%	20%	0.000	61.70%	Resectioning of embankment not yet completed.After completion Embankment, pittching work will be done.
12	35/1	0.75	N	NA	Completed	8.00	8.75	100%	100%	100%	100%	0.750	100.00%	Work Completed.
13	35/1	0.50	N	NA	Ongoing	13.20	13.70	80%	100%	70%	70%	0.000	93.40%	Embankment not yet completed as per deign, as a result pittching work can not be started.
14	35/1	3.00	N	NA	Ongoing	14.00	17.00	100%	100%	80%	80%	1.740	96.00%	1.740 km length is completed in between km 14.00 to km 17.00. Rest of the work is in progress
15	35/1	5.00	Y		Ongoing	20.50	25.50	100%	100%	85%	85%	2.700	97.00%	2.700 km length is completed in between km 21.00 to km 23.200. Rest of work is in progress
16	35/3	0.70	N	NA	Completed	39.30	40.00	100%	100%	100%	100%	0.700	100.00%	200m work omitted as per letter no L501_PZ, dated 21 january, 2017. Work completed.
	Total	19.766										13.576	*68.68%*	

Table 3-29: 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 April 2020	Remarks
Package 1						3%	83%	6%	8%			
1	32	0.750	Ongoing	20.493	21.243	90%	100%	100%	100%	0.750	99.70%	Completed
2	32	0.500	Completed	25.450	25.950	100%	100%	100%	100%	0.500	100.00%	Completed
3	32	0.750	Ongoing	48.824	49.574	100%	100%	80%	80%	0.750	97.20%	Dumping work Completed. Pittcging of CC Blocks is in Progress.
4	33	0.200	Completed	0.000	0.200	100%	100%	100%	100%	0.200	100.00%	Dumping work Completed.
5	33	0.400	Completed	0.990	1.390	100%	100%	100%	100%	0.400	100.00%	Completed
6	33	0.500	Completed	17.360	17.860	100%	100%	100%	100%	0.500	100.00%	Completed
7	33	0.200	Completed	21.680	21.880	100%	100%	100%	100%	0.200	100.00%	100m omitted due to the construction (running) of LGED bridge.
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	Ongoing	3.300	4.100	80%	88%	0%	80%	0.700	81.84%	700m dumping completed from km 3.3 to km 4.0. 100m work not yet started with pittcging work.
10	35/3	0.15	Completed	36.220	36.370	100%	100%	100%	100%	0.150	100.00%	Completed
	Total	4.250								4.150	*97.65%*	

Table 3-30: Detailed Information of Construction of Closure Dam of Package-1

#	Sluice Closure	Polder	Foundation Construction of the Closure	Closing of the Closure	Protection of the Closure	Weighted % progress (30 April , 2020)	m	LA - Current Status	Remarks
Closure Dam Construction									
1	Nalian Closure	32	100.00%	100%	50%	72.50%	N	NA	*Work in progress*

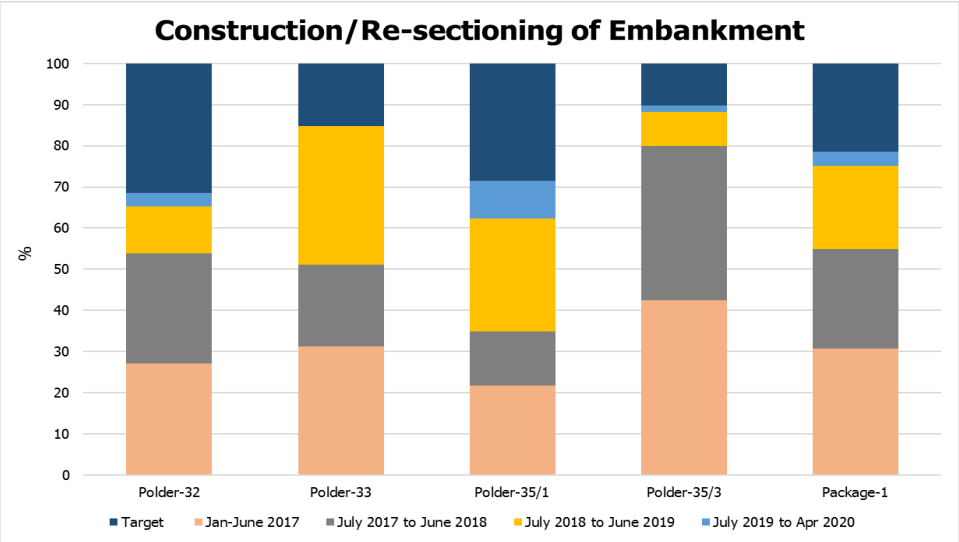

Figure 3-5: Construction/Re-sectioning of Embankment of Package-1

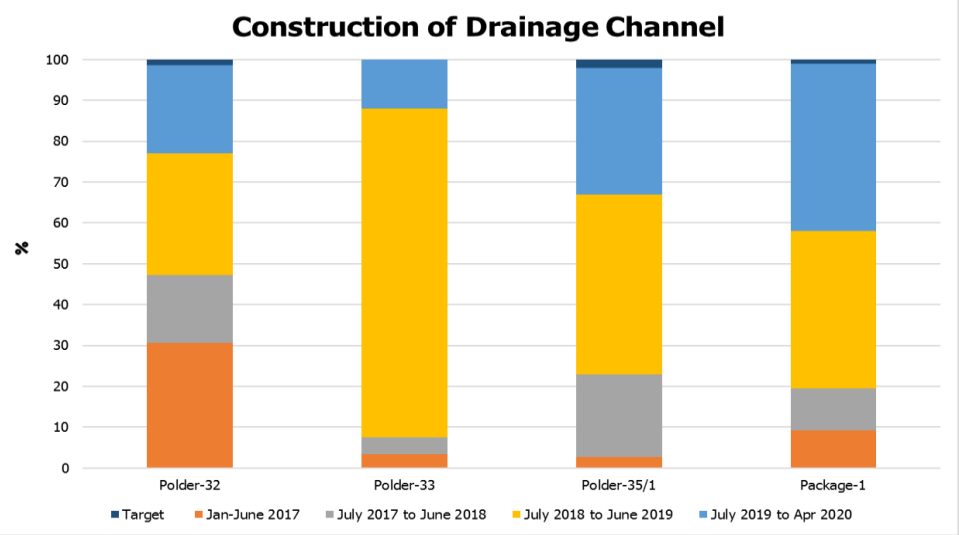

Figure 3-6: Drainage Channel of Package-1

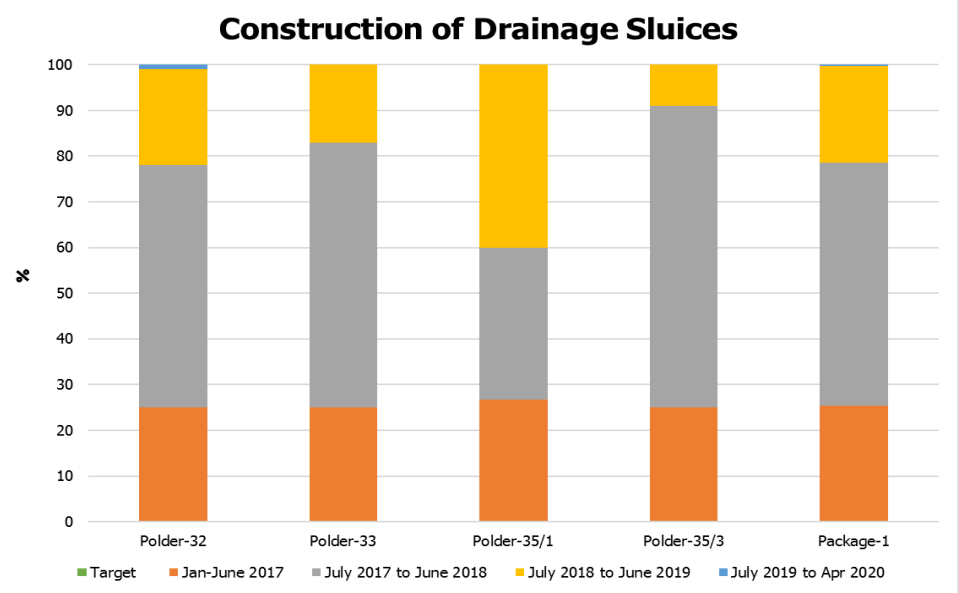

Figure 3-7: Construction of Drainage Sluices of Package-1

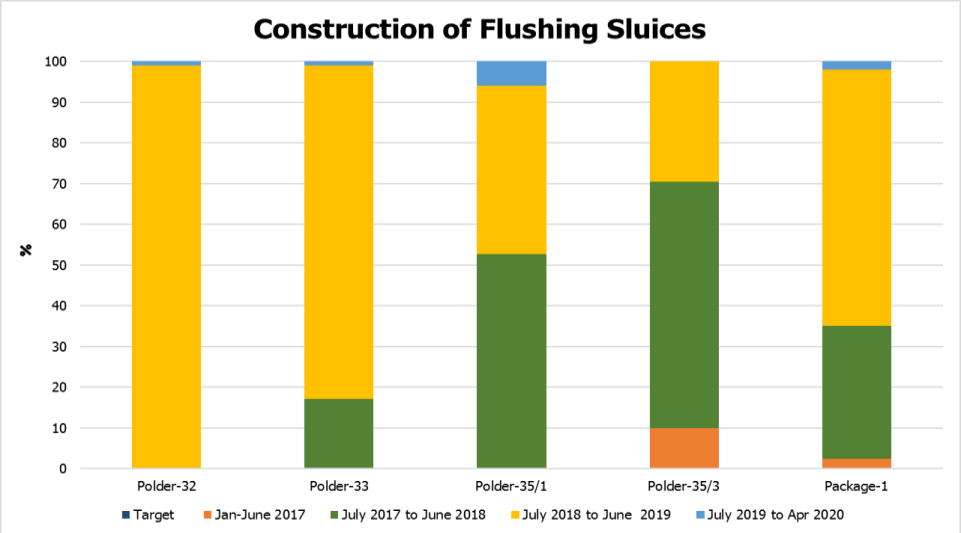

Figure 3-8: Construction of Flushing Sluice of Package-1

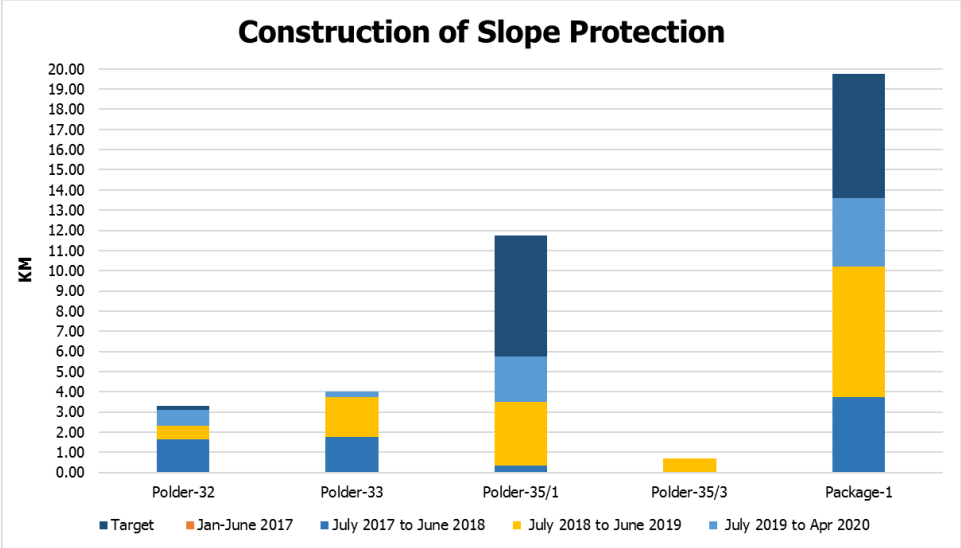

Figure 3-9: Construction of Slope Protection of Package-1

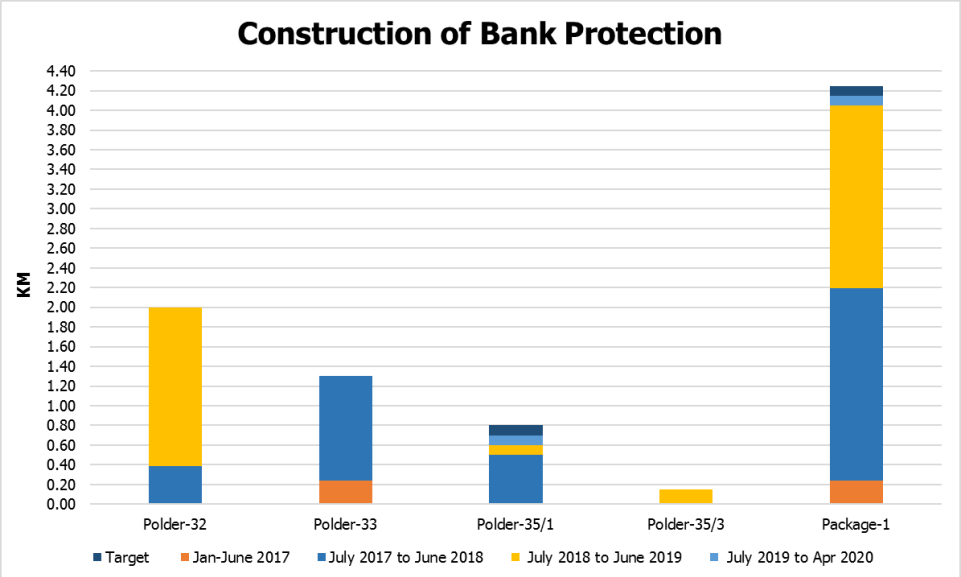

Figure 3-10: Construction of Bank Protection works of Package-1

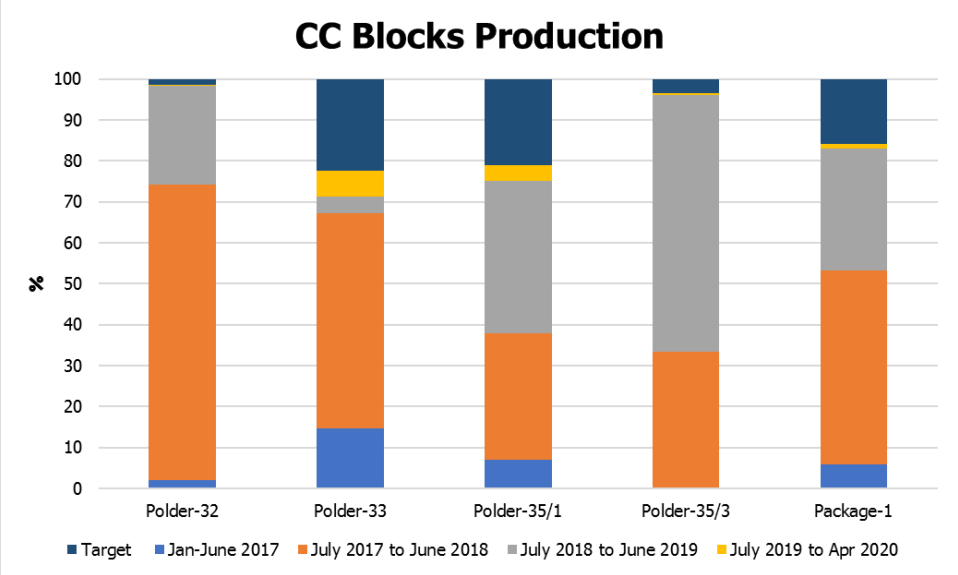

Figure 3-11: CC Blocks Production of Package-1

S.N.	Polder Number	Quantity as per Zero Cost Variation (Upto V.O No. 04)	Cumulative Total as of 31 Dec 2016	Cumulative Total as of 31 August 2017	Cumulative Total as of 31 March 2020	Production during April 2020					Cumulative Total as of 30 April 2020
						40x40x40 (No)	40x40x20 (No)	30x30x30 (No)	40x40x30 (No)	Total (No)	
1	32	1,918,026	21,223	304,899	1,886,840	0	0	0	0	0	1,886,840
2	33	1,619,763	59,088	377,958	1,256,353	0	0	0	0	0	1,256,353
2	35/1	3,628,073	37,398	372,432	2,852,767	12,505	0	0	0	12,505	2,865,272
3	35/3	220,567	60,620	369,555	212,954	0	0	0	0	0	212,954
	Total =	**7,386,429**	**178,329**	**1,424,844**	**6,208,914**	**12,505**	**0**	**0**	**0**	**12,505**	**6,221,419**

Table 3-31: CC Blocks Production as on April, 2020

Figure 3-12: Completed Embankment in Polder-32

Figure 3-13: Completed Slope Protection Works in Polder-32

Figure 3-14: Completed DS of Polder-32

Figure 3-15: DS-9 of Polder-33

Figure 3-16: DS-10 of Polder-33

Figure 3-17: Completed Slope Protection Works in Polder-32

Figure 3-18: Nalian Closure Dam of Polder-32 (ongoing)

Figure 3-19: Nalian Closure Dam of Polder-32 (ongoing)

Figure 3-20: DS-6 of Polder-35/1

Figure 3-21: Nalian Closure Dam of Polder-32 (ongoing)

Figure 3-22: FS-13 of Polder-35/1

Figure 3-23: DS-1 of Polder-35/3

Figure 3-24: DS-3 of Polder-35/3

Figure 3-25: FS-2 of Polder-32

Total nos. of Flushing sluice to be repaired as per contract was 30 nos. out of which 16 nos. has been dropped and those are reflected in detailed in Table 3-32 and Table 3-33 below:

Table 3-32: Information of Repair of Flushing Sluices and Drainage Sluices

Sl No.	Name of Polder	Total Nos. as per Contract	Current Status	Total Dropped	Remarks
01.	Polder-32	20 nos.	6 Nos.	14 Nos.	Mostly fallen outside of the retired embankment.
02.	Polder-33	5 Nos.	3 Nos.	2 Nos.	As it has been constructed by the local shrimp culture owners
03.	Polder-35/1	3 Nos.	3 Nos.	0	Due to unrepairable
04.	Polder-35/3	2 Nos.	2 Nos.	0	Do
Total =		**30 Nos.**	**14 Nos.**	**16 Nos.**	

Remaining (30-16) = 14nos. are in the program out of which 13 nos. have been completed and 1no.are in progress.

Total 2 nos. of Drainage Sluices under repair were in program the work of which have already been completed.

Table 3-33: List of Flushing Sluices Dropped from the repairing Program

Flushing Sluices	Reasons for dropping
Polder 32	
FFDFR-01	Not repairable
FS-04	Not repairable
FM-01	Not repairable
FM-02	Sluice is now in no use.
FM-07	No need to repair, connected with the private pond.
FM-11	No need to repair, connected with the private pond.
FM-12	Sluice could not be identified.
FO-02	Outside the Rtd. Embankment
FO-03	Not repairable
FO-04	Outside the Rtd. Embankment
FO-05	Outside the Rtd. Embankment
FO-06	Outside the Rtd. Embankment
FH-09	Engulfed into the river due to river erosion.

Flushing Sluices	Reasons for dropping
FH-18	Private structure
Polder 33	
FS-02	Private structure, repair not needed.
FS-18	Private structure, repair not needed.

3.4.3 Staffing

In Table 3-34 below man power deployment for Contract Package-1 is listed and sample check has been done by the Consultants.

Table 3-34: List of Polder-wise Manpower Deployed to the Site of Package-1

SN	Description	Sub-Total		Khulna		Polder 32		Polder 33		Polder		Polder	
		Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.	Ex.	Lo.
1	Management	4	0	1	0	1	0	1	0	1	0	1	0
2	Technical Staff	35	47	11	8	8	6	5	12	8	11	3	10
3	Operato r/	4	124	0	2	0	40	0	22	4	30	0	30
4	Skilled Worker	3	74	0	3	1	19	0	16	2	22	0	14
5	Commo n Labor	1	290	0	4	0	36	1	150	0	80	0	20
6	Logistic	4	16	1	1	1	4	1	4	1	3	1	4
Total		**51**	**551**	**13**	**18**	**11**	**105**	**8**	**204**	**16**	**146**	**5**	**78**

Source by Contractor

3.4.4 Equipment Mobilization

The mobilisation of equipment for Package-1 is shown in the table below.

Table 3-35: List of Equipment

Name of Polder	Equipment required													Equipment already deployed										
	B.dozer/ S.F roller/ Compactor (150HP) (nos.)	Dum Truck and carry Scraper	Excavator	Concrete Mix Machine	Sand pile driving equipment	Sheet pile driving equipment	CC block manufacting machine	Batching plant	Positioning ship	Survey Vessel	Barge	Wheel Loader	B.dozer/ S.F roller/ Compactor (150HP) (nos.)	Dum Truck /Carry Scraper/ Tructor carrier	Excavator	Concrete Mix Machine/Trans it mixer	Sand pile driving equipment	Sheet pile driving equipment	CC block manufacting machine	Batching plant	Positioning ship	Survey Vessel	Barge	Wheel Loader
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Polder- 32	6	23	13	6	4	1	2	2	1	1	6	3	1+2+0	15+5+38	9	6	4	1	2	0	1	1	2	3
Polder- 33	5	17	11	12	10	2	1	1	1	1	6	2	3+0+0	10+5+36	10	6	1	1	1	1	1	1	2	2
Polder- 35/3	5	16	9	7	5	1	1	1	1	1	4	6	6+2+0	12+5+22	11	7	6	1	1	1	1	1	2	6
Polder- 35/1	12	48	23	15	9	2	3	3	1	1	8	3	15+0+5	32+3+25	15	18	5	1	2	2	1	1	4	6
Total	28	104	56	40	28	6	7	7	4	4	24	14	25+4+5 =34	63+18+121 =202	45	37	16	4	6	4	4	4	10	17

3.4.5 Finances of Contractor Package-1

The Zero Cost Variation (up to Variation Order No.04) has been approved by the competent authority. Tentative Monthly Forecast of Payment for FY 2019-20 for Package-W/-01 is prepared and incorporated in the MPR of April, 2020 in Table 3-36.

Table 3-36: Tentative Monthly Forecast of Payment for FY 2019-2020 for Package-W/-01

IPC No.	Month of Submission	Forecast Value of IPC	Remark
IPC-22	Dec. 2019	118,071,705	No IPC was submitted in the month of December,2019.
IPC-23	Jan. 2020	186,162,136	No IPC was submitted in the month of January,2020.
IPC-24	Feb. 2020	228,175,381	No IPC was submitted in the month of February,2020.
IPC-25	Mar. 2020	228,175,381	IPC No. 22 was submitted by the Contractor with the value of BDT: 133,966,842.92 which was reviewed by the Engineer and submitted to the Employer on 18 March, 2020 with recommendation for payment.
IPC-26	Apr. 2020	218,034,253	No IPC was submitted in the month of April,2020.
IPC-27	May. 2020	210,790,590	
IPC-28	Jun. 2020	505,492,543	
IPC-29	Jun. 2020	230,653,099	
Total		**1,925,555,088**	

3.4.6 S-Curve of Package-1

Bill No.	Description	Value (Taka)	Weight	Year / Scheduled: Previous	This Month	To Date	2016 1	2016 6	2017 1	2017 6	2018 1	2018 6	2019 1	2019 6	2020 10	2020 11	2020 12	2020 1	2020 2	2020 3	2020 4	2020 5	2020 6
1	General	496,465,529	6.85%	6.77%	0.00%	6.77%									397.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.3
2	Construction/Re-sectioning of Embankment	1,448,823,605	20.00%	19.19%	0.98%	20.18%									1185.7	0.0	23.9	47.8	47.8	47.8	47.8	47.8	0.0
3	Excavation/Re-excavation of Drainage Channel	144,057,665	1.99%	2.16%	0.01%	2.17%									118.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	0.0
4	Construction of Drainage Sluice	652,657,699	9.01%	9.73%	0.00%	9.73%									652.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Repairing of Drainage Sluice	8,401,731	0.12%	0.12%	0.00%	0.12%									8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Construction of Flushing Inlets	375,848,420	5.19%	5.57%	0.00%	5.57%									375.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Repairing of Flushing Inlets	82,361,662	1.14%	1.16%	0.02%	1.18%									82.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Embankment Slope Protection Work	1,430,472,110	19.75%	17.45%	0.18%	17.63%									563.0	123.9	123.9	123.9	123.9	123.9	123.9	123.9	0.0
9	River Bank Protection Work	1,617,950,044	22.34%	20.06%	0.07%	20.13%									1584.0	6.8	6.8	6.8	6.8	6.8	0.0	0.0	0.0
10	Dismantling Work	133,991,406	1.85%	0.37%	0.74%	1.12%									15.8	0.0	19.7	19.7	19.7	19.7	19.7	19.7	0.0
11	Construction of closure-dam	182,925,081	2.53%	2.39%	0.00%	2.39%									54.9	0.0	18.3	27.4	27.4	18.3	18.3	18.3	0.0
	Sub Total	**6,573,954,952**	**90.75%**	**84.96%**	**2.00%**	**86.97%**									5037.9	130.7	192.6	230.9	230.9	221.7	215.0	215.0	99.3
1	Daywork (Provisional Sum)	23,712,392	0.33%	0.29%	0.00%	0.29%																	
2	Specified Provisional Sum	60,200,000	0.83%	0.86%	0.00%	0.86%																	
3	Provisional Sum for Physical and Price Contingencies	311,245,861	4.30%	0.89%	0.00%	0.89%																	
	Sub Total	**395,158,253**	5.46%	2.04%	0.00%	2.04%																	
	Miscellenous	**274,549,682**	3.79%	0.00%	0.00%	0.00%																	
	Grand Total	**7,243,662,887**	**100%**	**87.00%**	**2.003%**	**89.00%**									**5760.2**	**117.9**	**186.1**	**228.3**	**228.3**	**218.2**	**210.7**	**210.7**	**83.3**
Scheduled Monthly Accomplishment							0.00%	6.87%	4.58%	10.14%	9.08%	22.52%	11.94%	15.21%	0.01%	1.63%	2.57%	3.15%	3.15%	3.01%	2.91%	2.91%	1.15%
Scheduled Cumulative Accomplishment							0.00%	6.87%	11.45%	21.59%	30.67%	53.19%	65.13%	80.34%	80.35%	81.15%	83.72%	86.87%	90.02%	93.03%	95.94%	98.85%	100.00%
Actual Monthly Accomplishment							0.00%	6.87%	4.58%	10.14%	9.08%	22.52%	11.94%	13.91%	1.30%	1.17%	0.00%	0.53%	1.98%	2.99%	2.00%		
Actual Cumulative Accomplishment							0.00%	6.87%	11.45%	21.59%	30.67%	53.19%	65.13%	79.04%	80.34%	81.51%	81.51%	82.03%	84.01%	87.00%	89.00%		
Slippage								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-1.30%	-0.01%	0.36%	-2.21%	-4.83%	-6.01%	-6.03%	-6.94%		
IPC NO.												upto IPC-14	IPC-16	IPC-19 &20 &21									
Cumulative Amount of IPC in BDT							0	17794898 3	29155715	1042996392	1866012146	3157256554	3456424462	5318107799	5318107799	5318107799	5318107799	5318107799	5318107799	5452074642	5452074642		
Current Amount of IPC in BDT							0	17794898 3	11360813 2	75143927 7	12301575 4	89124408	29916490 8	18618633 7	0	0	0	0	0	13396684 3	0		
Cumulative IPC Percentage							0.00%	2.46%	4.02%	14.40%	16.10%	43.59%	47.72%	73.42%	73.42%	73.42%	73.42%	73.42%	73.42%	75.27%	75.27%		

Figure 3-26: Revised S-Curve of Package-1

3.4.7 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. The status of expenditure up to April, 2020 are shown below:

Table 3-37: Summary of Emergency works under the head of "Environmental Mitigation Works"

Sl.	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: 40,000,000.00

Table 3-38: Summary of Emergency works under the head of "Physical & Price Contingency"

Sl. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-32	4.856	22,012,926
02	Polder-33	1.671	13,399,272
03	Polder-35/1	3.216	32,609,736
04	Polder-35/3	2.919	8,887,288
Total =		**12.662**	**76,909,222**

Table 3-39: 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

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
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
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	0.00	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

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
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 3-40: 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	44.957	45.083	0.126	Kalabogi	1-May-16	926,000.00	Physical & Price Contingency	FY 2018-19
2.	Polder-32	16.298	16.525	0.227	Jaliakhali	7-May-16	1,200,000.00	Physical & Price Contingency	FY 2017-18
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	19.165	19.265	0.100	Kamarkhola	2-Aug-16	625,000.00	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	24.759	24.859	0.100	Sharankhola	14-Nov-16	1,859,614.00	Physical & Price Contingency	FY 2017-18
7.	Polder-32	25.659	25.719	0.060	Kamarkhola	17-Nov-16	415,302.00	Physical & Price Contingency	FY 2016-17
8.	Polder-32	8.350	8.385	0.035	Kalibari	1-Dec-16	60,000.00	Physical & Price Contingency	FY 2016-17
9.	Polder-32	19.150	19.225	0.075	Kamarkhola	5-Apr-17	40,000.00	Physical & Price Contingency	FY 2017-18
10.	Polder-32	31.345	31.387	0.042	Sutarkhali	27-Apr-17	84,867.18	Physical & Price Contingency	FY 2017-18
11.	Polder-32	8.321	8.414	0.093	Kalibari	1-May-17	530,000.00	Physical & Price Contingency	FY 2017-18
12.	Polder-32	45.506	45.518	0.012	Kalabogi	10-May-17	32,000.00	Physical & Price Contingency	FY 2017-18
13.	Polder-32	36.179	36.268	0.089	Sutarkhali	22-Jun-17	164,657.00	Physical & Price Contingency	FY 2016-17
14.	Polder-32	8.600	8.670	0.070	Kalibari	26-Jun-17	150,000.00	Physical & Price Contingency	FY 2017-18
15.	Polder-32	8.650	8.713	0.063	Kamarkhola	6-Jul-17	113,492.00	Physical & Price Contingency	FY 2017-18

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
16.	Polder-32	45.549	45.731	0.182	Sutarkhali	12-Jul-17	1,338,310.00	Physical & Price Contingency	FY 2017-18
17.	Polder-32	16.078	16.326	0.248	Jhaliakhali of Kamarkhola	25-Jul-17	1,181,802.00	Physical & Price Contingency	FY 2017-18
18.	Polder-32	13.604	13.644	0.040	Sutarkhali	21-Aug-17	311,091.06	Physical & Price Contingency	FY 2017-18
19.	Polder-32	19.141	19.277	0.136	Kamarkhola	22-Aug-17	122,307.32	Physical & Price Contingency	FY 2017-18
20.	Polder-32	8.586	8.729	0.143	Kamarkhola	27-Aug-17	922,055.59	Physical & Price Contingency	FY 2017-18
21.	Polder-32	3.130	3.180	0.050	Gunari of Sutharkhali	11-Sep-17	317,883.95	Physical & Price Contingency	FY 2017-18
22.	Polder-32	16.078	16.326	0.248	Jhaliakhali of Kamarkhola	28-Sep-17	1,154,217.71	Physical & Price Contingency	FY 2017-18
23.	Polder-32	8.060	8.100	0.040	Kalibari	18-Nov-17	77,000.00	Physical & Price Contingency	FY 2018-19
24.	Polder-32	16.030	16.300	0.270	Jhaliakhali of Kamarkhola	25-Mar-18	1,033,085.00	Physical & Price Contingency	FY 2017-18
25.	Polder-32	41.570	41.620	0.050	Sutarkhali	22-May-18	468,884.00	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	16.504	16.592	0.088	Jhaliakhali of Kamarkhola	4-Jun-18	539,967.00	Physical & Price Contingency	FY 2017-18
28.	Polder-32	16.135	16.395	0.260	Jhaliakhali of Kamarkhola	5-Jun-18	1,712,969.00	Physical & Price Contingency	FY 2017-18
29.	Polder-32	2.805	2.850	0.045	Gunari of Sutharkhali	7-Jun-18	287,852.00	Physical & Price Contingency	FY 2017-18
30.	Polder-32	2.765	2.858	0.093	Gunari of Sutharkhali	1-Aug-18	474,946.00	Physical & Price Contingency	FY 2018-19
31.	Polder-32	16.400	16.445	0.045	Jhaliakhali of Kamarkhola	1-Aug-18	258,751.00	Physical & Price Contingency	FY 2018-19

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
32.	Polder-32	36.317	36.365	0.048	Sutarkhali	1-Aug-18	307,884.00	Physical & Price Contingency	FY 2018-19
33.	Polder-32	43.115	43.155	0.040	Thursday Bazar, Sutarkhali	1-Aug-18	129,624.00	Physical & Price Contingency	FY 2018-19
34.	Polder-32	36.225	36.341	0.116	Sutarkhali	11-Aug-18	150,000.00	Physical & Price Contingency	FY 2017-18
35.	Polder-32	44.900	45.120	0.220	Sutarkhali	20-Aug-18	508,047.00	Physical & Price Contingency	FY 2018-19
36.	Polder-32	16.325	16.398	0.073	Jaliakhali	18-Oct-18	706,605.00	Physical & Price Contingency	FY 2018-19
37.	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
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	44.575	44.826	0.251	Kalabogi	23-Jun-19	1,663,527.00	Physical & Price Contingency	FY 2018-19
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-33	17.465	17.595	0.130	Ramnagar	1-Aug-16	865,000.00	Physical & Price Contingency	FY 2016-17
42.	Polder-33	48.575	48.658	0.083	Banishanta	16-Aug-16	594,000.00	Physical & Price Contingency	FY 2017-18
43.	Polder-33	48.930	49.050	0.120	Banisanta	24-Aug-16	1,780,283.00	Physical & Price Contingency	FY 2016-17
44.	Polder-33	1.070	1.116	0.046	Dhangmari	25-May-17	31,798.00	Physical & Price Contingency	FY 2017-18
45.	Polder-33	0.005	0.060	0.055	Banishanta	1-Jun-17	344,069.00	Physical & Price Contingency	FY 2016-17

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
46.	Polder-33	1.086	1.127	0.041	Banishanta	19-Sep-17	432,185.30	Physical & Price Contingency	FY 2017-18
47.	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
48.	Polder-33	49.047	49.075	0.028	Banisanta	21-Sep-17	310,880.00	Physical & Price Contingency	FY 2018-19
49.	Polder-33	49.000	49.045	0.045	Banisanta	10-Oct-17	324,000.00	Physical & Price Contingency	FY 2018-19
50.	Polder-33	49.022	49.099	0.077	Banisanta	11-Oct-17	337,240.00	Physical & Price Contingency	FY 2018-19
51.	Polder-33	48.850	49.100	0.250	Banisanta	16-May-18	2,480,308.98	Physical & Price Contingency	FY 2017-18
52.	Polder-33	48.868	49.087	0.219	Banisanta	1-Aug-18	1,097,128.00	Physical & Price Contingency	FY 2018-19
53.	Polder-33	21.730	21.800	0.070	Dacope	11-Aug-18	464,469.00	Physical & Price Contingency	FY 2018-19
54.	Polder-33	0.235	0.280	0.045	Baniashanta	13-Aug-18	416,831.00	Physical & Price Contingency	FY 2018-19
55.	Polder-33	48.653	48.741	0.088	Banisanta	13-Aug-18	1,672,456.00	Physical & Price Contingency	FY 2018-19
56.	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
57.	Polder-33	1.200	1.242	0.042	Baniashanta	20-Aug-18	294,835.00	Physical & Price Contingency	FY 2018-19
58.	Polder-33	48.892	48.972	0.080	Banisanta	11-Sep-18	497,585.00	Physical & Price Contingency	FY 2018-19
59.	Polder-33	48.866	49.020	0.154	Banisanta	22-Jul-19	1,456,203.79	Physical & Price Contingency	FY 2019-20
60.	Polder-35/1	20.020	20.308	0.288	Sarankhola	1-Jul-16	2,800,000.00	Physical & Price Contingency	FY 2017-18

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-35/1	24.400	24.457	0.057	Sarankhola	1-Aug-16	812,000.00	Physical & Price Contingency	FY 2016-17
62.	Polder-35/1	24.475	24.537	0.062	Bagi	19-Sep-17	761,484.52	Physical & Price Contingency	FY 2016-17
63.	Polder-35/1	24.366	24.454	0.088	Bagi	30-Oct-17	1,372,087.83	Physical & Price Contingency	FY 2017-18
64.	Polder-35/1	24.594	24.666	0.072	Bagi	30-Oct-17	1,352,571.65	Physical & Price Contingency	FY 2017-18
65.	Polder-35/1	24.273	24.340	0.067	Southkhali	27-Nov-17	1,370,419.82	Physical & Price Contingency	FY 2017-18
66.	Polder-35/1	24.759	24.859	0.100	Southkhali	30-Nov-17	1,801,033.32	Physical & Price Contingency	FY 2017-18
67.	Polder-35/1	24.865	24.955	0.090	Southkhali	3-Dec-17	1,203,275.08	Physical & Price Contingency	FY 2017-18
68.	Polder-35/1	23.788	23.823	0.035	Southkhali	10-Jan-18	290,938.46	Physical & Price Contingency	FY 2018-19
69.	Polder-35/1	23.812	24.014	0.202	Southkhali	24-Apr-18	394,032.65	Physical & Price Contingency	FY 2017-18
70.	Polder-35/1	24.525	24.605	0.080	Bagi	9-May-18	1,539,821.57	Physical & Price Contingency	FY 2017-18
71.	Polder-35/1	24.164	24.251	0.087	Sarankhola	16-May-18	1,847,015.74	Physical & Price Contingency	FY 2017-18
72.	Polder-35/1	23.988	24.028	0.040	Sarankhola	24-May-18	355,507.00	Physical & Price Contingency	FY 2018-19
73.	Polder-35/1	24.252	24.329	0.077	Southkhali	29-Jul-18	1,961,705.54	Physical & Price Contingency	FY 2018-19
74.	Polder-35/1	24.590	24.765	0.175	Southkhali	12-Sep-18	2,063,945.09	Physical & Price Contingency	FY 2018-19
75.	Polder-35/1	23.988	24.028	0.040	Sarankhola	10-Jan-19	257,635.10	Physical & Price Contingency	FY 2018-19
76.	Polder-35/1	24.094	24.154	0.060	Sarankhola	10-Jan-19	535,364.22	Physical & Price Contingency	FY 2018-19

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
77.	Polder-35/1	24.815	24.913	0.098	Sarankhola	12-Mar-19	2,355,290.74	Physical & Price Contingency	FY 2018-19
78.	Polder-35/1	23.788	23.833	0.045	Sarankhola		535,205.00	Physical & Price Contingency	FY 2018-19
79.	Polder-35/1	24.528	24.598	0.070	Sarankhola	12-Mar-19	445,810.12	Physical & Price Contingency	FY 2018-19
80.	Polder-35/1	23.967	25.190	1.223	Southkhali	11-Jul-19	5,466,200.55	Physical & Price Contingency	FY 2019-20
81.	Polder-35/1	23.750	23.910	0.160	Bagi	28-Jul-19	3,088,391.80	Physical & Price Contingency	FY 2019-20
Total		**114**	**114**	**12.662**			**76,909,222**		

3.4.8 Impact Assessment CEIP-1, W/01 Due to Corona Virus Restrictions

Team Leader, DDCS&PMS Consultants, CEIP-1, submitted a risk assessment matrix to the Project Director and the World Bank on April 12, 2020 in respect of the Contract CEIP-1/W/01 is affected by the outbreak of COVID-19. The table high- lighted critical works components under Package -1 that needs to be completed to protect the four Polders from flooding event in the upcoming monsoon months and to help protecting the Polder Community from any cyclonic event. Considering Month of May, a very critical month for cyclonic storm in Coastal Bangladesh, the DDCS & PMS Consultants team comprising; Deputy Resident Engineer, and two CSEs and Field Engineers, fully monitored Contractors' work to get these critical works done by April 30, 2020. The Contractor tried, but the limitations to workers' assembly imposed by local administration retarded work flow that was already aggravated by Contractors cash flow problem.

The Risk Assessment Matrix sent by Team Leader, DDCS & PMS Consultants' team to the Project Director and the World Bank reflected important items such as description of critical works component, present status of works, risks involved if works not done, what is the minimum to be done to protect the Polder etc. The table is updated to see the progress of work done and a sample matrix updated to 30 April 2020 is attached for reference in

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
32	1	Construction of Nalian Closure Dam	1	Ongoing	72.5%	30th June 2020	Yes	There is every possibility to wash out the closure dam.	The present Top level of the Dam is only 4.00 m PWDB which has to be raised up to design level of 5.50 m PWD with slope protection works.	Working environment is not at all normal due to Pandemic Corona o Virus. The local authority / law enforcing agencies are creating obstacles in the movement of Field Engineers, work Supervisors, Mechanics, Driver labors etc.	To save the entire Polder from saline water intrusion and also to keep the existing closure point sustainable because failure of the dam will cause a very big disaster.
	2	Additional Bank Protection Works	6 Nos / km 7.500 to km 8.500, km 14.500 to km 15.000, km 16.400 to km 16.800, km 18.600 to km 19.200 on the Left	No	Not yet started	Provision was made in the RDPP which is under process of approval for which works could not be started.	Yes	Saline water intrusion may be occurred into the Polder area by eroding the newly constructed embankment & structures.	Temporary emergency Bank Protective works may be required during onset of monsoon to protect the newly constructed embankment and Drainage Sluices.	Not applicable as the work has yet not started.	To save the newly constructed embankment & structures and also to prevent saline water intrusion inside the Polder area.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
			Bank of Dhaki River, km 30.700 to km 31.100 on the Right Bank of Bhadra River & km 44.800 to 45.900on the Left Bank of Shibsha River in Polder-32.								
	3	Retired Embankment from km. 16.600 to km. 16.950	0.35	No	Not yet started	30th June 2020	Yes	The emergency ring dyke may erode and saline water may enter into the project area.	Emergency work has to be done.	Not applicable as yet as because the works has not yet started.	Land Acquisition process is in progress in the DC office which may be delayed for the present crisis of corona virus. For this reason emergency works may be required.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
35/1	1	Slope Protection Works	7.15	Ongoing	60.00%	30th June 2020	Yes	Slope of the embankment will be damaged due to wave action of the river.	7.15 km slope protective works to the newly constructed Sea dyke embankment has to be completed.	The local authorities blocked all roads inside Polder area & stopped the work showing the cause of Pandemic of Corona Virus. As a result, quarrels between villagers and labors were occurred. As per our request local UP Chairman & Police settle down the quarrel.	The entire length of the Sea Dyke embankment is running along the Bank of the mighty river Baleshwar. If the slope protection works is not completed then the Sea Dyke embankment may not be sustainable.
	2	Bank Protection Work	0.10	Ongoing	97.65%	30th June 2020	Yes	Embankment will be eroded and as a result Saline water from river will enter into the Polder area.	Completion of 100m bank protective has to be done.	The working environment is not normal due to Pandemic of Corona Virus. Field staffs of CHWE are not willing to go outside of their camps.	To save the newly constructed embankment & structures and also to prevent saline water intrusion inside the Polder area.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
	2	Retired Embankment from km. 23.500 to km. 25.425	1.925	No	Not yet started	30th June 2020	Yes	The emergency ring dyke may erode/overtop and saline water may enter into the project area.	Temporary emergency work may need to be done.	The land owners do not allow to continue the works until the land owners receives compensation of Lands.	Land Acquisition process is awaiting approval of the Ministry of Land for which Emergency works may be required.
	3	Erosion of river Bank adjacent to the embankment of Polder-35/1 from km 2.200 to km 4.000	0.18	No	Not yet started	30th June 2020	Yes	The newly constructed embankment maybe engulfed into Shibsa River leading to saline water intrusion into the Polder.	Emergency work may need to be done.	Not applicable as yet as because the works has not yet started.	To save the newly constructed embankment and also to prevent saline water intrusion inside the Polder area.

Table 3-41: Work Progress and Impact Assessment Matrix following Corona virus restrictions, CEIP-1, W/01 (April 30, 2020)

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
32	1	Construction of Nalian Closure Dam	1	Ongoing	72.5%	30th June 2020	Yes	There is every possibility to wash out the closure dam.	The present Top level of the Dam is only 4.00 m PWDB which has to be raised up to design level of 5.50 m PWD with slope protection works.	Working environment is not at all normal due to Pandemic Corona o Virus. The local authority / law enforcing agencies are creating obstacles in the movement of Field Engineers, work Supervisors, Mechanics, Driver labors etc.	To save the entire Polder from saline water intrusion and also to keep the existing closure point sustainable because failure of the dam will cause a very big disaster.
	2	Additional Bank Protection Works	6 Nos / km 7.500 to km 8.500, km 14.500 to km 15.000, km 16.400 to km 16.800, km 18.600 to km 19.200 on the Left	No	Not yet started	Provision was made in the RDPP which is under process of approval for which works could not be started.	Yes	Saline water intrusion may be occurred into the Polder area by eroding the newly constructed embankment & structures.	Temporary emergency Bank Protective works may be required during onset of monsoon to protect the newly constructed embankment and Drainage Sluices.	Not applicable as the work has yet not started.	To save the newly constructed embankment & structures and also to prevent saline water intrusion inside the Polder area.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
			Bank of Dhaki River, km 30.700 to km 31.100 on the Right Bank of Bhadra River & km 44.800 to 45.900on the Left Bank of Shibsha River in Polder-32.								
	3	Retired Embankment from km. 16.600 to km. 16.950	0.35	No	Not yet started	30th June 2020	Yes	The emergency ring dyke may erode and saline water may enter into the project area.	Emergency work has to be done.	Not applicable as yet as because the works has not yet started.	Land Acquisition process is in progress in the DC office which may be delayed for the present crisis of corona virus. For this reason emergency works may be required.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
35/1	1	Slope Protection Works	7.15	Ongoing	60.00%	30th June 2020	Yes	Slope of the embankment will be damaged due to wave action of the river.	7.15 km slope protective works to the newly constructed Sea dyke embankment has to be completed.	The local authorities blocked all roads inside Polder area & stopped the work showing the cause of Pandemic of Corona Virus. As a result, quarrels between villagers and labors were occurred. As per our request local UP Chairman & Police settle down the quarrel.	The entire length of the Sea Dyke embankment is running along the Bank of the mighty river Baleshwar. If the slope protection works is not completed then the Sea Dyke embankment may not be sustainable.
	2	Bank Protection Work	0.10	Ongoing	97.65%	30th June 2020	Yes	Embankment will be eroded and as a result Saline water from river will enter into the Polder area.	Completion of 100m bank protective has to be done.	The working environment is not normal due to Pandemic of Corona Virus. Field staffs of CHWE are not willing to go outside of their camps.	To save the newly constructed embankment & structures and also to prevent saline water intrusion inside the Polder area.

Polder No	S.N.	Description of works	Unit No / Km	Status of Works as per Date	Progress Status of the Works as per Date	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
	2	Retired Embankment from km. 23.500 to km. 25.425	1.925	No	Not yet started	30th June 2020	Yes	The emergency ring dyke may erode/overtop and saline water may enter into the project area.	Temporary emergency work may need to be done.	The land owners do not allow to continue the works until the land owners receives compensation of Lands.	Land Acquisition process is awaiting approval of the Ministry of Land for which Emergency works may be required.
	3	Erosion of river Bank adjacent to the embankment of Polder-35/1 from km 2.200 to km 4.000	0.18	No	Not yet started	30th June 2020	Yes	The newly constructed embankment maybe engulfed into Shibsa River leading to saline water intrusion into the Polder.	Emergency work may need to be done.	Not applicable as yet as because the works has not yet started.	To save the newly constructed embankment and also to prevent saline water intrusion inside the Polder area.

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 30 April, 2020. 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)

The Contractor completed administrative work site visits and dossier for the 5% advanced payment and took possession of sites and the employer has paid the 5% advanced payment to the contractor.

Upon receipt of the first instalment 5% Advanced Payment, the Contractor proceeded with the procurement of goods and services to create the team and physical facilities, equipment and/or tools and started work on site. The Contractor has also received 2nd instalment of Advance Payment and utilizing to execute the physical work of the Contract.

In the Result Framework target the provision was made for replacement of 50 nos. Flushing Inlets. Considering the actual requirement of the field 2 nos. Flushing Inlets (FS-21 & FS-22) have been shifted from replacing to repair. Hence, the numbers of replacing the Flushing Inlets stand to 48. The item wise physical progress is reflected in the Figure 3-49.

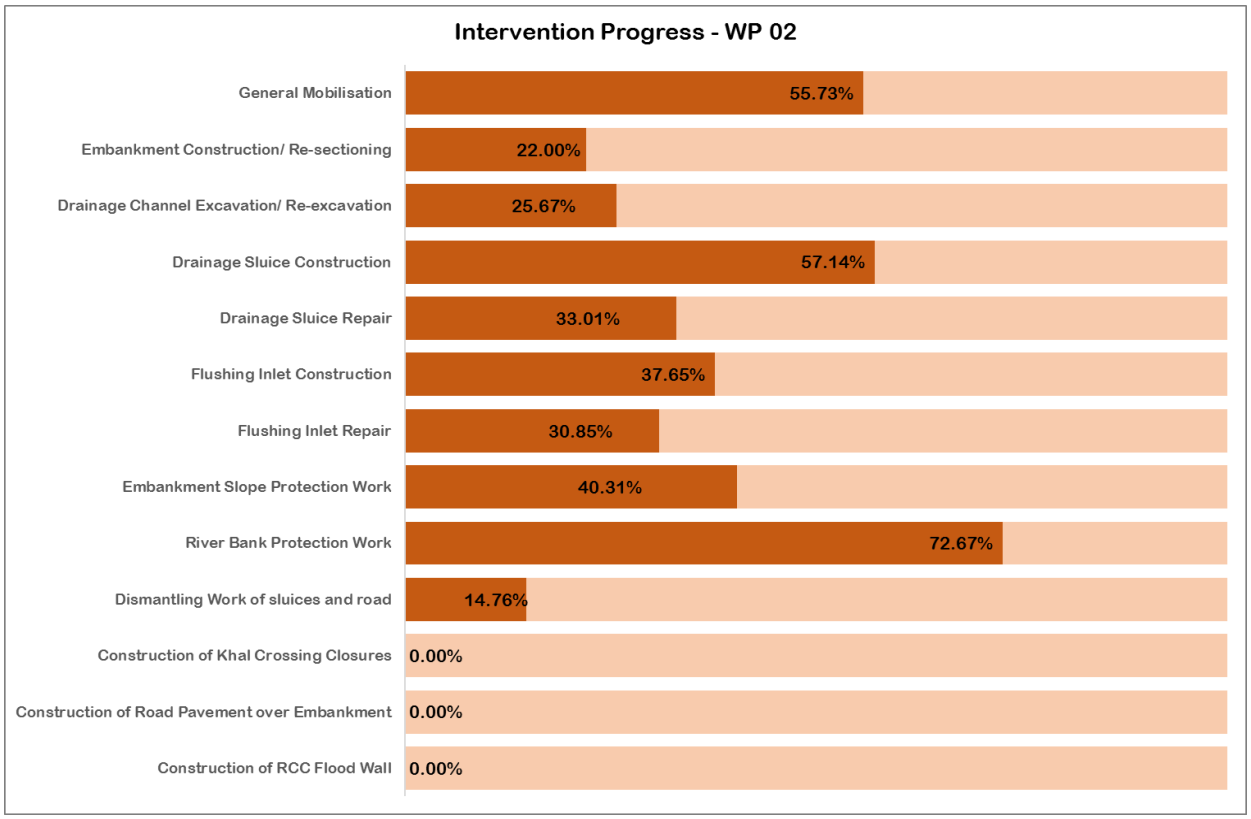

Figure 3-27: Item Wise Progress of Package-2

3.5.2 Physical Progress (Mile Stone Matrix)

Table 3-42: Physical Works Status of Package-02 as on 30 April, 2020

Item	Unit	RF Target	Revised Quantity	Tentative Program FY 2019-2020		Cumulative upto June 2019		Cumulative upto 31 March 2020		Current Month		Cumulative upto 30 April 2020		Cumilative During FY 2019-20	
				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=(14-10)*	*13*	*14*	*15=(13-7)*	*16=13*
Embankment Construction/Re-sectioning	Km	208.051	208.026	100.00	0	18.82	13.30	33.991	22.409	0.830	21.609	34.821	21.609	16.00	21.609
						9.03%	23.57%	16.34%	36.04%	0.40%	0.00%	16.74%	36.04%	7.71%	12.47%
Drainage Channel Excavation/Re-excavation	Km	154.630	154.558	100.00	0	19.07	0	19.581	0.000	3.565	0.000	23.146	0	4.08	0.00
						12.33%	0	12.67%	0	2.31%	0.00%	14.98%	0	2.64%	0.00%
Drainage Sluice Construction	No.	50	50	23	0	0	19	0	35	0	35	0	35	0	35
						0	0.09%	0.00%	78.31%	0.00%	0.00%	0.00%	78.31%	0.00%	78.22%
Drainage Sluice Repair	No.	6	6	3	0	0	1	0	2	0	2	0	2	0	2
						0.00%	0.08%	0.00%	22.03%	0.00%	0.00%	0.00%	22.03%	0.00%	21.95%
Flushing Inlet Construction	No.	50	48	30	0	0	15	0	21	0	21	0	21	0	21
						0%	47.31%	0.00%	66.20%	0.00%	0.00%	0.00%	66.20%	0.00%	18.89%
Flushing Inlet Repair	No.	30	32	8	0	0	2	1	9	0	9	1	9	1	9
						0%	2.50%	3.13%	39.00%	0.00%	0.00%	3.13%	39.00%	3.13%	36.50%
Embankment Slope Protection Work	Km	9.480	9.476	5	0	0.15	0	0.62	-	0.030	-	0.650	-	0.500	0.00
						1.58%	0	6.54%	-	0.32%	-	6.86%	-	5.28%	
River Bank Protection Work	Km	4.920	4.920	3	0	1.90	0	3.970	-	0.000	-	3.970	-	2.070	0.00
						38.62%	0	80.69%	-	0.00%	-	80.69%	-	42.07%	
Construction of Road Pavement	Km		0.00	0	0	-	-	-	-		-	-	-		
Construction of RCC Flood Wall	Km		0.00	0	0	-	-	-	-	-	-	-	-		
Closure Dam Construction	No.		8	4	0	-	-	-	-	-	-	-	-		

Table 3-43: Polder wise Physical Works status of Package-2 as on 30 April 2020

DS FS Construction Summary

Package #	Polder No	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	0	5	8	28.23%	0	21	0	21	0	0	21	0.00%	0
	40/2	9	0	9	0	5	4	48.15%	0	11	8	3	0	3	0	87.25%	0
	41/1	10	0	10	0	9	1	71.60%	0	16	5	11	0	8	3	62.00%	0
	43/2C	8	0	8	0	6	2	49.44%	0	15	8	7	0	4	3	35.29%	0
	47/2	4	0	4	0	4	0	98.50%	0	5	2	3	0	3	0	97.50%	0
	48	6	0	6	0	6	0	80.17%	0	3	0	3	0	3	0	86.00%	0
	Total	**50**	**0**	**50**	**0**	**35**	**15**	**55.74%**	**0**	**71**	**23**	**48**	**0**	**21**	**27**	**24.52%**	**0**

DS FS Repair Summary

Package #	Polder No	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	27.42%	0	11	0	11	0	3	8	22.93%	0
	41/1	0	0	0	0	0	0	NA	0	13	1	12	1	3	8	17.50%	0
	43/2C	0	0	0	0	0	0	NA	0	7	0	7	0	1	6	9.00%	0
	47/2	0	0	0	0	0	0	NA	0	2	0	2	0	2	0	85.00%	0
	48	3	0	3	0	1	2	14.58%	0	0	0	0	0	0	0	NA	0
	Total	**6**	**0**	**6**	**0**	**2**	**4**	**21.00%**	**0**	**33**	**1**	**32**	**1**	**9**	**22**	**21.73%**	**0**

		Bank Protection Work Summary			Slope Protection Work Summary			Drainage Channel Excavation Summary				CC Block Production Status		
Package No	Polder No	Target Length (Km)	Completed Length (Km)	% Completed	Target Length (Km)	Completed Length (Km)	% Completed	Original Target Length (Km)	RF Target Length (Km)	Completed Length (Km)	% Completed	Target Quantity	Production Quantity	% Completed
Package 2	**39/2C**	3.500	3.380	96.57%	4.000	0.00	0.00%	57.23	57.23	0.00	0.00%	5,985,778	4,410,068	73.68%
Package 2	**40/2**	0.000	0.000	NA	1.137	0.00	0.00%	29.90	4.23	1.83	43.25%	429,969	183,374	42.65%
Package 2	**41/1**	0.400	0.300	75.00%	0.000	0.00	NA	24.698	23.13	2.82	12.20%	577,846	270,986	46.90%
Package 2	**43/2C**	0.500	0.000	0.00%	0.261	0.00	0.00%	28.199	28.08	2.94	10.47%	435,342	57,316	13.17%
Package 2	**47/2**	0.520	0.290	55.77%	0.000	0.00	NA	9.700	9.17	9.17	100.00%	482,227	324,797	67.35%
Package 2	**48**	0.000	0.000	NA	4.078	0.65	15.94%	37.827	32.72	6.39	19.52%	539,493	236,590	43.85%
	Package 2	**4.920**	**3.970**	80.69%	**9.476**	**0.650**	6.86%	**187.554**	**154.558**	**23.146**	14.98%	**8,450,654**	**5,483,131**	64.88%

		Embankment Construction/ Resectioning Summary												Partly Completed		
Package No	Polder No	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	1.70	2.87%	59.25	1.70	2.87%	0.00	0.00	NA	0.00	0.00	NA	0.000	0.000	0.000
Package 2	**40/2**	34.200	6.60	19.30%	0.00	0.00	NA	34.20	6.60	19.30%	0.00	0.00	NA	0.000	7.410	0.000
Package 2	**41/1**	33.571	2.15	6.40%	0.00	0.00	NA	31.32	2.15	6.86%	2.25	0.00	0.00%	0.000	8.450	0.900
Package 2	**43/2C**	25.505	6.86	26.88%	0.00	0.00	NA	24.57	6.86	27.90%	0.58	0.00	0.00%	0.000	0.200	0.000
Package 2	**47/2**	17.500	16.20	92.57%	0.00	0.00	NA	16.37	16.20	98.97%	1.13	0.00	0.00%	0.000	0.336	0.000
Package 2	**48**	38.000	1.32	3.46%	0.00	0.00	NA	38.00	1.32	3.46%	0.00	0.00	NA	0.000	4.313	0.000
	Package 2	**208.026**	**34.821**	16.74%	**59.250**	**1.700**	2.87%	**144.463**	**33.121**	22.93%	**3.96**	**0.00**	0.00%	**0.000**	**20.709**	**0.900**

Table 3-44: 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 April 2020	Completed Length (km)	Partly Completed Length (km)	Remarks
Package 2																			
138	39/2C	Pirojpur & Jalukathi	Yet to Start	37.300	0.000	37.300	New	Y	Taka Deposited to DC	1,211,825	-			0.00%	0.00%	0.00%	0.000	0.000	Land Problem
139	39/2C	Pirojpur & Jalukathi	Ongoing	1.700	37.300	39.000	New	N	Possession received	102,000	102,000			100.00%	0.00%	92.00%	1.700	0.000	Work in Progress
140	39/2C	Pirojpur & Jalukathi	Yet to Start	20.250	39.000	59.250	New	Y	Taka Deposited to DC	635,492				0.00%	0.00%	0.00%	0.000	0.000	Land Problem
141	39/2C	Pirojpur & Jalukathi	Yet to Start	0.000															
142	40/2	Pathargata Mouza	Yet to Start	1.240	0.000	1.240	Resectioning	Pourashava CC Road	NA					0.00%	0.00%	0.00%			Pourashava cc Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
143	40/2	Pathargata Mouza	Ongoing	1.760	1.240	3.000	Resectioning	Yes	Received	120,647	72,000			59.68%	0.00%	54.90%	0.100	1.660	Work in Progress
144	40/2	Gohorpur	Yet to Start	1.150	3.000	4.150	Resectioning	No	NA	57,701				0.00%	0.00%	0.00%			Program for next year.
145	40/2	Gohorpur	Ongoing	1.700	4.150	5.850	Resectioning	No	NA	19,892	19,892	31,830	23,281	100.00%	73.14%	97.85%	1.700	0.000	Work in Progress
146	40/2	Gohorpur	Yet to Start	0.100	5.850	5.950	Resectioning	No	NA	2,073				0.00%	0.00%	0.00%			Embankment work will be done with FS-4/1 & near to completion.
147	40/2	Gohorpur	Ongoing	0.700	5.950	6.650	Resectioning	No	NA	16,002	16,002	13,106	10,175	100.00%	77.64%	98.21%	0.700	0.000	Work in Progress
148	40/2	Nijlathimara	Ongoing	0.850	6.650	7.500	Resectioning	No	NA	18,943	4,100		-	21.64%	0.00%	19.91%	0.000	0.850	Work in Progress
149	40/2	Nijlathimara	Yet to Start	1.500	7.500	9.000	Resectioning	No	NA	30,937				0.00%	0.00%	0.00%			Program for next year
150	40/2	Tangra Mouza	Ongoing	3.000	9.000	12.000	Resectioning	No	NA	129,970	65,000		-	50.01%	0.00%	46.01%	0.800	2.200	Work in Progress
151	40/2	Gapbharia	Ongoing	0.850	12.000	12.850	Resectioning	No	NA	52,726	19,500		-	36.98%	0.00%	34.02%	0.000	0.850	Work in Progress
152	40/2	Tapalbaria	Ongoing	1.150	12.850	14.000	Resectioning	No	NA	109,488	109,000			99.55%	0.00%	91.59%	1.150	0.000	Work in Progress
153	40/2	Tapalbaria	Ongoing	1.000	14.000	15.000	Resectioning	Yes	Fund placed to DC	84,270	42,000			49.84%	0.00%	45.85%	0.000	1.000	Work in Progress
154	40/2	Tapalbaria	Yet to Start	2.700	15.000	17.700	Resectioning	No	NA	250,790				0.00%	0.00%	0.00%			Program for next year
155	40/2	Tapalbaria	Yet to Start	0.750	17.700	18.450	Resectioning	No	NA	53,664			-	0.00%	0.00%	0.00%			
156	40/2	Char donai Mouza	Ongoing	1.000	18.450	19.450	Resectioning	No	NA	86,578	76,000			87.78%	0.00%	80.76%	0.700	0.300	Work in Progress
157	40/2	Char donai Mouza	Yet to Start	1.550	19.450	21.000	Resectioning	Yes	Fund placed to DC	124,382			-	0.00%	0.00%	0.00%			Program for next year
158	40/2	Char donai Mouza	Ongoing	0.550	21.000	21.550	Resectioning	No	Possession received	41,131	32,000			77.80%	0.00%	71.58%	0.000	0.550	Work in Progress
	40/2	Char donai Mouza	Yet to Start	1.450	21.550	23.000	Resectioning	No	NA	41,856	41,000		-				1.450	0.000	Work in Progress
159	40/2	Char donai Mouza	Yet to Start	4.520	23.000	27.520	Resectioning	LGED Road	NA					0.00%	0.00%	0.00%			LGED Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
160	40/2	Hoglapasha	Yet to Start	4.715	27.520	32.235	Resectioning	RHD Road	NA					0.00%	0.00%	0.00%			RHD Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
161	40/2	Hatempur & Boraitola	Yet to Start	1.765	32.235	34.000	Resectioning	Pourashava Carpeting Road	NA					0.00%	0.00%	0.00%			Pourashava Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
162	40/2	Pathargata Mouza	Yet to Start	0.200	34.000	34.200	Resectioning	Pourashava cc Road	NA					0.00%	0.00%	0.00%			Pourashava cc Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
163	41/1	Ayla Patakata UP	Ongoing	2.250	0.000	2.250	Resectioning	No	N/A	57,203	42,000			73.42%	0.00%	67.55%	1.500	0.750	Work in Progress
164	41/1	Burir Char UP	Yet to Start	0.750	2.250	3.000	Resectioning	RHD Road	NA					0.00%	0.00%	0.00%			RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
165	41/1	Burir Char UP	Ongoing	2.250	3.000	5.250	Retired	No	N/A	197,000	66,000			33.50%	0.00%	30.82%	0.000	0.900	Program for next year. Shop drawing is under process
166	41/1	Burir Char UP	Ongoing	7.550	5.250	12.800	Resectioning	No	N/A	188,475	132,500		0	70.30%	0.00%	64.68%	0.000	7.550	Work in Progress
167	41/1	Burir Char UP	Ongoing	0.950	12.800	13.750	Resectioning	No	N/A	51,709	45,000			87.03%	0.00%	80.06%	0.650	0.150	Work in Progress
168	41/1	Burir Char UP	Yet to Start	0.250	13.750	14.000	Resectioning	No	N/A	15,663				0.00%	0.00%	0.00%			Program for next year.
169	41/1	Burir Char UP	Yet to Start	4.650	14.000	18.650	Resectioning	No	NA	78,864				0.00%	0.00%	0.00%			Program for next year.
170	41/1	Burir Char UP	Yet to Start	2.050	18.650	20.700	Resectioning	Pourashava Road	NA					0.00%	0.00%	0.00%			Pourashavah Carpeting Road. Work is under suspension as per letter no CEIP 1/S2/225 Dated 20.02. 2019 issued by the Project Director.
171	41/1	Burir Char UP	Yet to Start	6.560	20.700	27.260	Resectioning	RHD Road	NA					0.00%	0.00%	0.00%			RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
172	41/1	Burir Char UP	Yet to Start	6.000	27.260	33.260	Resectioning	No	N/A					0.00%	0.00%	0.00%			Program for next year. Shop drawing is under process
173	41/1	Burir Char UP	Yet to Start	0.311	33.260	33.571	Resectioning	No	N/A					0.00%	0.00%	0.00%			Program for next year. Shop drawing is under Prepation

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 April 2020	Completed Length (km)	Partly Completed Length (km)	Remarks
43/2C	Suhari	Yet to Start	0.074	0.000	0.074	Resectioning	RHD Road	NA	2,832				0.00%	0.00%	0.00%			RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
43/2C	Bauria	Ongoing	0.851	0.074	0.925	Resectioning	Yes	Ministry of Land	42,009	8,000			19.04%	0.00%	17.52%	0.250	0.050	Work in Progress
43/2C	Bauria	Ongoing	0.400	0.925	1.325	Resectioning	Yes	Waiting for DLAC	12,341	12,341		0	100.00%	0.00%	92.00%	0.400	0.000	Work in Progress
43/2C	Gabua	Ongoing	2.703	1.325	4.028	Resectioning	Yes	Waiting for DLAC	74,670	26,500			35.49%	0.00%	32.65%	0.975	0.150	Work in Progress
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. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
43/2C	Boro Gabua	Ongoing	0.950	4.900	5.850	Resectioning	Yes	Waiting for DLAC	22,817	21,000			92.04%	0.00%	84.67%	0.950	0.000	Work in Progress
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. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
43/2C	Goikhali	Ongoing	5.690	7.500	13.190	Resectioning	Yes	Ministry of Land	124,952	56,000			44.82%	0.00%	41.23%	2.900	0.000	Work in Progress
43/2C	East Golkhali	Yet to Start	0.148	13.190	13.338	Resectioning	Yes	Notice Section-4 Served					0.00%	0.00%	0.00%			Program for next year
43/2C	East Golkhali	Yet to Start	0.577	13.338	13.915	Retired	Yes	Notice Section-4					0.00%	0.00%	0.00%			Program for next year
43/2C	East Golkhali & Badar pur	Yet to Start	3.855	13.915	17.770	Resectioning	Yes	Notice Section-4					0.00%	0.00%	0.00%			Program for next year
43/2C	Kalirchar	Yet to Start	0.330	17.770	18.100	Resectioning	Yes	Ministry of Land					0.00%	0.00%	0.00%			Program for next year
43/2C	Suharinij Char	Yet to Start	2.600	18.100	20.700	Resectioning	Yes	Proposal under					0.00%	0.00%	0.00%			Program for next year
43/2C	Suharinij Char	Ongoing	1.700	20.700	22.400	Resectioning	Yes	Proposal under	64,993	51,200			78.78%	0.00%	72.48%	1.380	0.000	Work in Progress
43/2C	Suharinij Char	Yet to Start	0.760	22.400	23.160	Resectioning	Yes	Ministry of Land					0.00%	0.00%	0.00%			Program for next year
43/2C	Suhari	Yet to Start	1.990	23.160	25.150	Resectioning	Yes	Waiting for DLAC					0.00%	0.00%	0.00%			Program for next year
43/2C	Suhari	Yet to Start	0.355	25.150	25.505	RHD Road	RHD Road	NA					0.00%	0.00%	0.00%			RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
47/2	Piarpur	Ongoing	2.000	0.000	2.000	Resectioning	No	NA	9,178	9,178	14,278	12,061	100.00%	84.47%	98.76%	2.100	0.000	Work completed
47/2	Piarpur	Yet to Start	0.613	2.000	2.613	Retired	Yes	is under pre	22,731				0.00%	0.00%	0.00%			Program for next Year
47/2	Piarpur	Ongoing	3.558	2.613	6.171	Resectioning	No	NA	58,516	58,516	56,220	47,360	100.00%	84.24%	98.74%	3.558	0.000	Work completed
47/2	Kichikata	Yet to Start	0.518	6.171	6.689	Retired	Yes	is under pre	26,664				0.00%	0.00%	0.00%	0.000	0.000	Program for next year
47/2	Kichikata	Ongoing	6.361	6.689	13.050	Resectioning	No	NA	48,369	45,784	84,575	71,489	94.66%	84.53%	93.85%	6.025	0.336	Work completed
47/2	Thankhola	Ongoing	4.450	13.050	17.500	Resectioning	No	NA	48,526	48,525	60,057	50,765	100.00%	84.53%	98.76%	4.517	0.000	Work completed
48	Khajura	Ongoing	0.500	0.000	0.500	Resectioning	No	NA	3,950	2765			70.00%	0.00%	64.40%	0.00	0.500	Work in Progress
48	Tolatali, Chapali & Char Chapali	Yet to Start	15.634	0.500	16.134	Resectioning	LGED Road	NA					0.00%	0.00%	0.00%		0.000	LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
48	Char Chapali	Ongoing	0.316	16.134	16.450	Resectioning	No	NA	5,513	5,513		0	100.00%	0.00%	92.00%	0.316	0.000	Work in Progress
48	Ashakhali	Ongoing	0.685	16.450	17.135	Resectioning	No	NA	115,564	92,000		0	79.61%	0.00%	73.24%	0.00	0.685	Work in Progress
48	Ashakhali	Yet to Start	0.865	17.135	18.000	Resectioning	No	NA	120,046	98,437						0.000	0.865	Work in Progress
48	Ashakhali	Yet to Start	11.455	18.000	29.455	Resectioning	No	NA	1,223,421				0.00%	0.00%	0.00%			Program for next year
48	Kuakata Beach	Yet to Start	1.197	29.455	30.652	Resectioning	LGED Road	NA	51,458				0.00%	0.00%	0.00%			LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director.
48	Kuakata Beach	Ongoing	0.148	30.652	30.800	Resectioning	No	NA	7,392	5,174			69.99%	0.00%	64.40%	0.00	0.148	Work in Progress
48	Kuakata Beach	Ongoing	1.215	30.800	32.015	Resectioning	No	NA	40,658	28,570			70.27%	0.00%	64.65%	0.650	0.565	Work in Progress
48		Ongoing	2.285	32.015	34.300	Resectioning	No	NA	110,109	55,100			50.04%	0.00%	46.04%	0.00	1.500	Work in Progress
48		Ongoing	0.250	34.300	34.550	Resectioning	No	NA	25,871	25,871	3,277	3,113	100.00%	95.00%	99.60%	0.250		Work in Progress
48		Ongoing	0.328	34.550	34.878	Resectioning	No	NA	23,428	11,714			50.00%	0.00%	46.00%	0.100	0.050	Work in Progress
48		Yet to Start	3.122	34.878	38.000	Resectioning	No	NA	234,775				0.00%	0.00%	0.00%			Program for next year

N.B: Activities of the Construction / Re-Sectioning of Embankment in Package-2 has not yet been started in full swing for Land Problem. Hence, the chainages of embankment so far started has been incorporated in the above table and the remaining chainages may be treated as untouched.

Table 3-45: Detailed Information of Construction of Drainage Channel for Package-2

#	Polder	Name of Khal	Status of Work	Original Length (Km)	Revised Length (Km)	Completed Length (km)	Required Quantity (Cum)	Achieved Quantity (Cum)	Status as of April, 2020	Remarks
Package 2										
1	39/2C	Chokeydev Khal	Yet to Start	5.500	5.500	0.000	28,453.29	-	0.00%	Proposed DS have still not completed for which the connecting diversion channel has not yet been taken up.
2	39/2C	Pona Khal	Yet to Start	20.000	20.000	0.000	102,282.25	-	0.00%	Do
3	39/2C	Bakshi Khal Br. 2	Yet to Start	3.000	3.000	0.000	15,519.98	-	0.00%	Do
4	39/2C	Dasher Khal	Yet to Start	3.750	3.750	0.000	19,399.97	-	0.00%	Do
5	39/2C	Juniher Khal	Yet to Start	3.000	3.000	0.000	15,519.98	-	0.00%	Do
6	39/2C	Teli Khali Khal	Yet to Start	4.500	4.500	0.000	23,279.97	-	0.00%	Do
7	39/2C	Chakluia Khal	Yet to Start	5.500	5.500	0.000	28,453.29	-	0.00%	Do
8	39/2C	Hetalia Khal	Yet to Start	3.500	3.500	0.000	18,106.64	-	0.00%	Do
9	39/2C	Nodmollar Khal	Yet to Start	4.000	4.000	0.000	20,693.30	-	0.00%	Do
10	39/2C	Dagrey Khal	Yet to Start	2.000	2.000	0.000	10,346.65	-	0.00%	Do
11	39/2C	Bauner Khal	Yet to Start	2.480	2.480	0.000	12,829.85	-	0.00%	Do
12	40/2	Mutainer Khal	Yet to Start	2.400	2.400	0.000	42,571.38	-	0.00%	Program for next year
13	40/2	Adhania Khal	Dropped	2.250	0.000	0.000	23,507.00	-	0.00%	Dropped
14	40/2	Nijladiamar Khal	Dropped	3.000	0.000	0.000	43,613.08	-	0.00%	Dropped
15	40/2	Ganpara Khal - 1	Dropped	5.000	0.000	0.000		-	0.00%	Dropped
16	40/2	Keoratala Khal	Completed	1.829	1.829	1.829	36,574.00	35,558.00	100.00%	Completed
17	40/2	Charduani Khal	Dropped	4.000	0.000	0.000	73,031.75	-	0.00%	Dropped
18	40/2	Hoglapasha Khal	Dropped	3.000	0.000	0.000	57,367.59	-	0.00%	Dropped
19	40/2	Munshigonj Khal	Dropped	0.500	0.000	0.000	1,663.75	-	0.00%	Dropped
20	40/2	Maser Khal	Dropped	2.500	0.000	0.000	37,548.50	-	0.00%	Dropped
21	40/2	Kajibari Khal	Dropped	2.000	0.000	0.000	38,060.00	-	0.00%	Dropped
22	40/2	Boroitola Khal	Dropped	3.500	0.000	0.000	73,238.00	-	0.00%	Dropped
23	41/1	Lobongla Khal	Yet to Start	4.073	4.073	0.000	14,393.64	-	0.00%	Next year Program
24	41/1	Shonakhali Khal	Dropped	0.887	0.000	0.000	17,187.50	-	0.00%	Dropped
25	41/1	Charakgasia Khal	Dropped	0.729	0.000	0.000	6,789.75	-	0.00%	Dropped
26	41/1	Charnalar Khal	Ongoing	1.260	1.260	1.110	18,345.00	16,323.00	88.10%	Work in Progress
27	41/1	Burirchar Khal	Yet to Start	6.930	6.930	0.000	38,439.50	-	0.00%	Next year Program
28	41/1	Lobongla Khal Br. 1	Yet to Start	4.390	4.390	0.000	161,561.13	-	0.00%	Next year Program
29	41/1	Napit Khali Khal	Ongoing	1.813	1.813	1.713	23,564.00	21,848.00	94.48%	Work in Progress
30	41/1	Choto Lobongla Kha	Yet to Start	4.667	4.667	0.000	15,440.15	-	0.00%	Next year Program
31	43/2C	Chadkokai Khal	Yet to Start	2.540	2.540	0.000	52,809.00	-	0.00%	Proposed DS have still not completed for which the connecting diversion channel has not yet been taken up
32	43/2C	Jamaluddin Khal	Yet to Start	3.961	3.961	0.000	13,549.81	-	0.00%	Do
33	43/2C	Mushir Khal - 01	Yet to Start	6.793	6.793	0.000	29,157.81	-	0.00%	Do
34	43/2C	Mushir Khal	Yet to Start	2.448	2.448	0.000	1,029.10	-	0.00%	Do
35	43/2C	Pollar Khal	Ongoing	2.264	2.264	0.500	41,624.00	7,500.00	22.08%	Do
36	43/2C	Rishir Khal	Yet to Start	1.966	1.966	0.000	5,145.50	-	0.00%	Do
37	43/2C	Taltola Khal	Completed	2.440	2.440	2.440	35,930.84	35,715.00	100.00%	Completed
38	43/2C	Golkhali Khal	Yet to Start	5.669	5.669	0.000	20,736.35	-	0.00%	Next year program
39	47/2	Eidkhola Khal	Completed	0.676	0.676	0.676	8,019.00	8,019.00	100.00%	Completed
40	47/2	Kichikata Khal	Completed	1.700	1.700	1.700	13,607.00	13,607.00	100.00%	Completed
41	47/2	Dhankhola Khal	Completed	4.791	4.791	4.791	53,943.00	53,943.00	100.00%	Completed
42	47/2	Piarpur Khal	Completed	2.000	2.000	2.000	29,714.00	29,714.00	100.00%	Completed
43	48	Khanjurpara Khal	Ongoing	7.465	7.465	3.565	100,302.50	48,816.41	47.76%	Work in Progress
44	48	Matiranga Khal	Yet to Start	1.925	1.925	0.000	9,748.59		0.00%	Next year Program
45	48	Loxir Khal	Yet to Start	7.000	7.000	0.000	2,420.00		0.00%	Next year Program
46	48	Nayapara Khal - 1	Yet to Start	4.057	4.057	0.000	42,061.25		0.00%	Next year Program
47	48	Tolatali Khal	Yet to Start	5.723	5.723	0.000	54,469.25		0.00%	Next year Program
48	48	Charchapali Khal	Completed	2.472	2.472	2.472	26,483.00	26,483.00	100.00%	Completed
49	48	Kauarchar Khal	Yet to Start	1.000	1.000	0.000	7,818.25		0.00%	Next year Program
50	48	Kalaipara Khal	Completed	0.350	0.350	0.350	9,547.58	9,547.58	100.00%	Completed
51	48	Goramkhula Khal	Yet to Start	2.726	2.726	0.000	30,376.72		0.00%	Next year Program
52	48	Khalifar Khal	Dropped	1.866	0.000	0.000	6,924.50	-	0.00%	Dropped
53	48	Maither Khal	Dropped	3.243	0.000	0.000	4,983.00	-	0.00%	Dropped
Total				187.033	154.558	23.146	1,234,266.515	307,073.99	14.98%	

Table 3-46: Detailed Information of Construction Status of Drainage Sluice for Package-2

#	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	Weighted % progress April 2020)	Remarks
Drainage Sluice											
1	39/2C	DS-1	Yet to Start	Y	Taka Deposited to DC					0.00%	Due to land problem work not yet started
2	39/2C	DS-2	Yet to Start	Y	do					0.00%	Due to land problem work not yet started
3	39/2C	DS-3	Yet to Start	Y	do					0.00%	Due to land problem work not yet started
4	39/2C	DS-4	Yet to Start	Y	do					0.00%	Due to land problem work not yet started
5	39/2C	DS-5	Yet to Start	Y	do					0.00%	Due to land problem work not yet started
6	39/2C	DS-6	Yet to Start	Y	do					0.00%	Due to land problem work not yet started
7	39/2C	DS-7	Ongoing	N	NA	100%	100%	100%	60%	94.00%	Work in progress
8	39/2C	DS-8	Ongoing	Y	Taka Deposited to DC	80%	100%			28.00%	Work in progress
9	39/2C	DS-9	Yet to Start	Y	do					0.00%	Land problem issue has not yet been resolved
10	39/2C	DS-10	Ongoing	Y	do	100%	100%	80%		74.00%	Work in progress
11	39/2C	DS-11	Ongoing	Y	do	100%	100%	80%		74.00%	Work in progress
12	39/2C	DS-12	Ongoing	N	NA	100%	100%	100%	80%	97.00%	Work in progress
13	39/2C	DS-13	Yet to Start	Y	Taka Deposited to DC					0.00%	Land problem issue has not yet been resolved
14	40/2	DS-2	Ongoing	N	NA	100%	100%	100%	45%	91.75%	Work in progress
15	40/2	DS-3	Ongoing	N	NA	100%	100%	100%	40%	91.00%	Work in progress
16	40/2	DS-5	Ongoing	N	NA	100%	100%	99%		84.45%	Work in progress
17	40/2	DS-7	Yet to Start	Y	do					0.00%	Due to court case work not yet started
18	40/2	DS-7A	Ongoing	Y		100%	100%	94%		81.70%	Work in progress
19	40/2	DS-8	Yet to Start	Y	Court case					0.00%	Due to court case work not yet started
20	40/2	DS-9	Yet to Start	N	Court case					0.00%	Due to court case work not yet started
21	40/2	DS-10	Ongoing	N	NA	100%	100%	99%		84.45%	Work in progress
22	40/2	DS-10A	Yet to Start	Y	Court case					0.00%	Due to court case work not yet started
23	41/1	DS-1	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
24	41/1	DS-2	Yet to Start	Y						0.00%	Resettlement issue has not yet been resolved
25	41/1	DS-3	Ongoing	Y		100%	90%			28.00%	Work in progress
26	41/1	DS-4	Ongoing	Y		100%	100%	100%		85.00%	Work in progress
27	41/1	DS-5	Ongoing	N	NA	100%	100%	100%	45%	91.75%	Work in progress
28	41/1	DS-6	Ongoing	N	NA	100%	100%	100%	45%	91.75%	Work in progress
29	41/1	DS-7	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
30	41/1	DS-8	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
31	41/1	DS-9	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
32	41/1	DS-10	Ongoing	N	NA	100%	100%	90%		79.50%	Work in progress
33	43/2C	DS-1	Ongoing	N	NA	100%	100%			30.00%	Work in progress
34	43/2C	DS-2	Yet to Start	Y	Ministry of Land					0.00%	Land problem issue has not yet been resolved
35	43/2C	DS-3	Ongoing	N	NA	100%	100%	95%	25%	86.00%	Work in progress
36	43/2C	DS-4	Ongoing	N	NA	100%	100%	20%		41.00%	Work in progress
37	43/2C	DS-5	Ongoing	N	NA	100%	100%	85%		76.75%	Work in progress
38	43/2C	DS-6	Yet to Start	Y	Ministry of Land					0.00%	Land & Resettlement issue has not yet been resolved
39	43/2C	DS-7	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
40	43/2C	DS-8	Ongoing	N	NA	100%	100%	85%		76.75%	Program for next
41	47/2	DS-1	Ongoing	N	NA	100%	100%	100%	90%	98.50%	Work in progress
42	47/2	DS-2	Ongoing	N	NA	100%	100%	100%	90%	98.50%	Work in progress
43	47/2	DS-3	Ongoing	N	NA	100%	100%	100%	90%	98.50%	Work in progress
44	47/2	DS-4	Ongoing	N	NA	100%	100%	100%	90%	98.50%	Work in progress
45	48	DS-1	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in progress
46	48	DS-2/A	Ongoing	Y		100%	100%	90%		79.50%	Work in progress
47	48	DS-3/2	Ongoing	N	NA	100%	100%	100%	50%	92.50%	Work in progress
48	48	DS-3/3	Ongoing	Y		100%	100%	75%		71.25%	Work in progress
49	48	DS-3/4	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
50	48	DS-6	Ongoing	Y	Waiting for DLAC	100%	100%	55%		60.25%	Land problem issue has not yet been resolved

Table 3-47: Detailed Information of Construction Status of Flushing Sluice for Package-2

#	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	Weighted % progress April 2020)	Remarks
Flushing Sluice											
1	39/2C	FS-1	Yet to Start	Y	Taka Deposited to DC					0%	*Land problem issue has not yet been resolved*
2	39/2C	FS-2	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
3	39/2C	FS-2/1	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
4	39/2C	FS-3	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
5	39/2C	FS-5	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
6	39/2C	FS-6	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
7	39/2C	FS-6/1	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
8	39/2C	FS-6/2	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
9	39/2C	FS-7	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
10	39/2C	FS-8	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
11	39/2C	FS-9	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
12	39/2C	FS-10	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
13	39/2C	FS-11	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
14	39/2C	FS-12	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
15	39/2C	FS-13	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
16	39/2C	FS-14	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
17	39/2C	FS-14/1	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
18	39/2C	FS-15	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
19	39/2C	FS-16	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
20	39/2C	FS-17	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
21	39/2C	FS-17/1	Yet to Start	Y	do					0%	*Land problem issue has not yet been resolved*
22	40/2	FS-1	Dropped							0.00%	*Recommended for repair instead of*
23	40/2	FS-3	Dropped							0.00%	*Recommended for demolished*
24	40/2	FS-4	Dropped							0.00%	*Recommended for repair instead of*
25	40/2	FS-4/1	Ongoing	N	NA	100%	100%	100%	45%	91.75%	*Work in progress*
26	40/2	FS-9	Ongoing	N	NA	100%	100%	100%		85.00%	*Work in progress*
27	40/2	FS-10	Ongoing	N	NA	100%	100%	100%		85.00%	*Work in progress*
28	40/2	FS-13	Dropped							0.00%	*Recommended for demolished*
29	40/2	Fs-14	Dropped							0.00%	*Recommended for repair instead of*
30	40/2	FS-16	Dropped							0.00%	Recommended for repair instead of
31	40/2	FS-17	Dropped							0.00%	Recommended for dropped from program instead of replacement due to land problem.
32	40/2	FS-20	Dropped							0.00%	Recommended for repair instead of
33	41/1	FS-1	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
34	41/1	FS-3	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
35	41/1	FS-5	Ongoing	N	NA	100%	100%	75%		71.25%	Work in progress
36	41/1	FS-6	Ongoing	Y		100%	100%	100%		85.00%	Work in progress
37	41/1	FS-7	Yet to Start	Y						0.00%	Land problem issue has not yet been resolved
38	41/1	FS-8	Ongoing			100%	100%	100%	37%	90.55%	Work in progress
39	41/1	FS-9	Ongoing			100%	100%	100%	50%	92.50%	Work in progress
40	41/1	FS-12	Dropped							0.00%	DS-8 is to be construction instead of FS-12.
41	41/1	FS-15	Ongoing			100%	100%	100%	25%	88.75%	Work in progress
42	41/1	FS-16	Dropped							0.00%	Recommended for repair instead of
43	41/1	FS-21	Dropped	Y						0%	Shifiting to repair of Flushing Sluice
44	41/1	FS-22	Dropped	Y						0%	Shifiting to repair of Flushing Sluice
45	41/1	FS-23	Dropped	Y						0%	Shifiting to repair of Flushing Sluice
46	41/1	FS-24	Yet to Start	Y						0.00%	Re-Settlement problem
47	41/1	FS-25	Yet to Start	Y						0.00%	Re-Settlement problem
48	41/1	FS-28	Ongoing	Y		100%	100%	98%		83.90%	Work in progress
49	43/2C	FS-1	Yet to Start							0.00%	Program for next dry season
50	43/2C	FS-1A	Ongoing	Y		10%				1.00%	Work started but stopped due to land
51	43/2C	FS-2	Dropped							0.00%	Recommended for repair instead of
52	43/2C	FS-3	Dropped							0.00%	Recommended for demolish instead of replacement as per local resident.
53	43/2C	FS-7	Dropped							0.00%	Recommended for repair instead of
54	43/2C	FS-8	Ongoing	Y	Notice Section-4 Served	100%	100%	80%		74.00%	Land problem issue has not yet been resolved
55	43/2C	FS-9	Dropped							0.00%	Recommended for repair instead of
56	43/2C	FS-10	Ongoing	Y	N/A	100%	100%	95%		82.25%	Work in progress
57	43/2C	FS-12	Yet to Start	Y	Notice Section-4 Served					0.00%	Program for next year
58	43/2C	FS-13	Yet to Start	N	NA					0.00%	Program for next year
59	43/2C	FS-14	Dropped							0.00%	Recommended for repair instead of
60	43/2C	FS-15	Dropped							0.00%	Recommended for repair instead of
61	43/2C	FS-16	Dropped							0.00%	Recommended for repair instead of
62	43/2C	FS-17	Dropped							0.00%	DS-7 is to be construction instead of FS-17
63	43/2C	FS-18	Ongoing	N	NA	100%	100%	95%	50%	89.75%	Work in progress
64	47/2	FS-1	Ongoing	N	NA	100%	100%	100%	80%	97.00%	Work in progress
65	47/2	FS-2	Dropped							0.00%	Recommended for repair instead of
66	47/2	FS-3	Dropped							0.00%	Recommended for demolish.
67	47/2	FS-6	Ongoing	N	NA	100%	100%	100%	85%	97.75%	Work in progress
68	47/2	FS-7	Ongoing	N	NA	100%	100%	100%	85%	97.75%	Work in progress
69	48	FS-1	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress
70	48	FS-3	Ongoing	N	NA	100%	100%	100%	20%	88.00%	Work in progress
71	48	FS-4	Ongoing	N	NA	100%	100%	100%		85.00%	Work in progress

Table 3-48: Detailed Information of Repair of Drainage & Flushing Sluice for Package-2

#	Package	Polder	Sluice Name	Status (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	Weighted % progress April 2020)	Remarks
Drainage Sluice												
3	2	40/2	DS-1	Yet to Start	N	NA					0.00%	*Program for current year*
4	2	40/2	DS-4	Yet to Start	N	NA					0.00%	*Program for current year*
5	2	40/2	DS-6	Ongoing	N	NA	100%	100%	95%		82.25%	*Work in progress*
6	2	48	DS-3/1	Yet to Start	N	NA					0.00%	*Program for current year*
7	2	48	DS-4	Yet to Start	Y						0.00%	*Resettlement issue has not yet been resolved*
8	2	48	DS-5	Ongoing	N	NA	100%	100%	25%		43.75%	*Work in progress*
Flushing Sluice												
31	2	40/2	FS-1	Yet to Start							0.00%	*Next year Program*
32	2	40/2	FS-2	Ongoing	N	NA	100%	100%	95%		82.25%	*Work in progress*
33	2	40/2	FS-4	Yet to Start							0.00%	*Next year Program*
34	2	40/2	FS-6	Ongoing	N	NA	100%	100%	100%		85.00%	*Work in progress*
35	2	40/2	FS-6/1	Yet to Start							0.00%	*Next year Program*
36	2	40/2	FS-14	Yet to Start	N	NA					0.00%	*Shop drawing is under process of approval*
37	2	40/2	FS-16	Yet to Start							0.00%	*Next year Program*
38	2	40/2	FS-18	Yet to Start	N	NA					0.00%	*Shop drawing is under process of approval*
39	2	40/2	FS-19	Ongoing	N	NA	100%	100%	100%		85.00%	*Work in progress*
40	2	40/2	FS-20	Yet to Start							0.00%	*Next year Program*
41	2	40/2	FS-22	Yet to Start							0.00%	*Next year Program*
42	2	41/1	FS-2	Completed	N	NA	100%	100%	100%	100%	100.00%	*Work in Progress*
43	2	41/1	FS-4	Yet to Start							0.00%	*Next year Program*
44	2	41/1	FS-5	Dropped							0.00%	*Dropped FS-5*
45	2	41/1	FS-11	Yet to Start							0.00%	*Next year Program*
46	2	41/1	FS-13	Yet to Start							0.00%	*Next year Program*
47	2	41/1	FS-16	Ongoing			50%				5.00%	*Work in progress*
48	2	41/1	FS-18	Ongoing	N	NA	100%	100%	100%		85.00%	*Work in progress*
49	2	41/1	FS-19	Yet to Start	N	NA					0.00%	*Shop drawing is under process of approval*
50	2	41/1	FS-21	Yet to Start							0.00%	*Re-Settlement problem*
51	2	41/1	FS-22	Ongoing			100%	50%			20.00%	*Work in progress*
52	2	41/1	FS-23	Yet to Start							0.00%	*Re-Settlement problem*
53	2	41/1	FS-30	Yet to Start	N	NA					0.00%	*Next year Program*
54	2	41/1	FS-29	Yet to Start							0.00%	*Next year Program*
55	2	43/2C	FS-2	Yet to Start							0.00%	*Next year Program*
56	2	43/2C	FS-6	Ongoing			100%	100%	60%		63.00%	*Next year Program*
57	2	43/2C	FS-7	Yet to Start							0.00%	*Next year Program*
58	2	43/2C	FS-9	Yet to Start							0.00%	*Next year Program*
59	2	43/2C	FS-14	Yet to Start							0.00%	*Next year Program*
60	2	43/2C	FS-15	Yet to Start							0.00%	*Next year Program*
61	2	43/2C	FS-16	Yet to Start							0.00%	*Next year Program*
62	2	47/2	FS-2	Ongoing			100%	100%	100%		85.00%	*Work in progress*
63	2	47/2	FS-4	Ongoing			100%	100%	100%		85.00%	*Work in progress*

Table 3-49: Detailed Information 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 April, 2020	Remarks
Package 2								3%	77%	9%	11%			
1	39/2C	4.000	Y	Taka Deposited to DC	Yet to Started	24.000	51.000					0.000	0.00%	Embankment Construction not done
2	40/2	0.400	Y	Possession received	Ongoing	1.240	1.640	20%	50%	8%	50%	0.000	45.32%	Work in Progress (Partly work done for a length of 80 meter)
3	40/2	0.129	Y	Possession received	Yet to Started	12.871	13.000					0.000	0.00%	Embankment Construction not done
4	40/2	0.393	Y	Possession received	Ongoing	13.184	13.577	100%	100%			0.000	80.00%	Work in progress
5	40/2	0.215	Y	Possession received	Yet to Started	13.745	13.960					0.000	0.00%	Embankment Construction not done
6	43/2C	0.078	Y	Proposal under Preparation	Yet to Started	19.885	19.963					0.000	0.00%	Embankment Construction not done
7	43/2C	0.090	Y	Proposal under Preparation	Yet to Started	19.680	19.770					0.000	0.00%	Embankment Construction not done
8	43/2C	0.093	Y	Proposal under Preparation	Yet to Started	19.460	19.553					0.000	0.00%	Embankment Construction not done
9	48	1.215	N	NA	Ongoing	30.800	32.015	100%	60%	30%	70%	0.300	59.60%	Work in progress. Partial work done for length of 650metre.
12	48	2.285	N	NA	Yet to Started	32.015	34.300					0.000	0.00%	Earth work in embk. is on going
13	48	0.578	N	NA	Ongoing	34.300	34.878	100%	100%	100%	80%	0.350	97.80%	Work in progress
	Total	9.476										0.650	6.86%	

Table 3-50: 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 April 2020	Remarks
Package 2						3%	85%	9%	3%			
1	39/2C	1.000	Ongoing	42.600	43.600	100%	100%	100%	50%	1.000	98.50%	Work in progress
2	39/2C	2.500	Ongoing	51.500	54.000	100%	100%	75%	50%	2.380	96.25%	Work in progress
3	41/1	0.300	Dropped	3.300	3.600					0.000	0.00%	Section is dropped by the Engineer vide memo no. L001994
4	41/1	0.175	Dropped	5.050	5.225					0.000	0.00%	Section is dropped by the Engineer vide memo no. L001994
5	41/1	0.400	Ongoing	13.250	13.650	100%	70%	40%	30%	0.300	67.00%	Work in progress
6	43/2C	0.500	Yet to Start	13.420	13.920					0.000	0.00%	Next year program
7	47/2	0.520	Ongoing	6.170	6.690	100%	83%	15%	30%	0.290	75.80%	Work in progress
	Total	4.920								3.970	*80.69%*	

Table 3-51: Detailed Information Construction of Closure Dam for Package-2

#	Sluice Closure	Polder	Foundation Construction of the Closure	Closing of the Closure	Final protection of the Closure	Weighted % progress (30 APRIL 2020)	LA Problem	LA - Current Status	Remarks
Closure Dam Construction									
1	Pona upper kha	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
2	Pona lower khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
3	Junia khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
4	Telikhali Khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
5	Bamuner Khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
6	Darulhuda Khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
7	Hetalia Khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*
8	Nadmula Khal	39/2C				0%	N	NA	*Next year Program after completion of adjacent sluice*

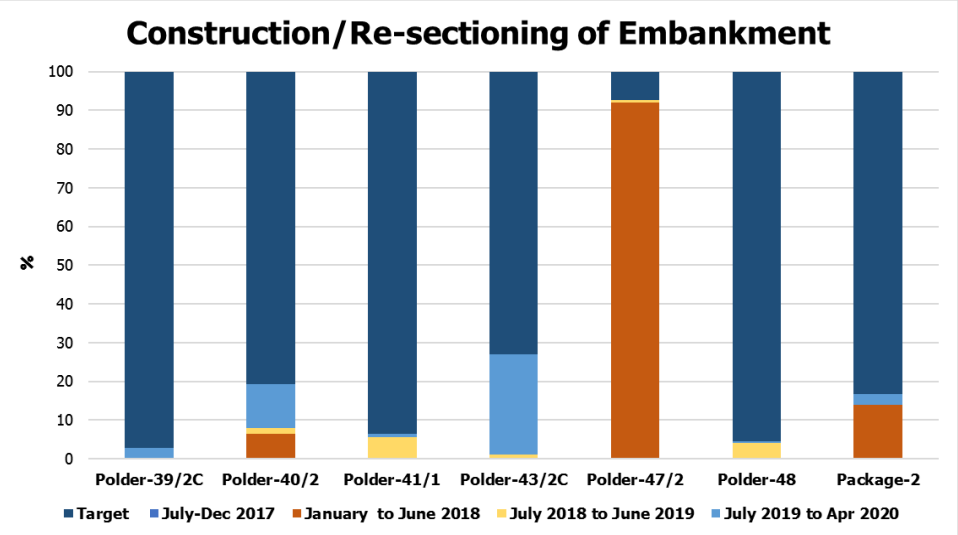

Figure 3-28: Construction / Re-sectioning of Embankment of Package-2

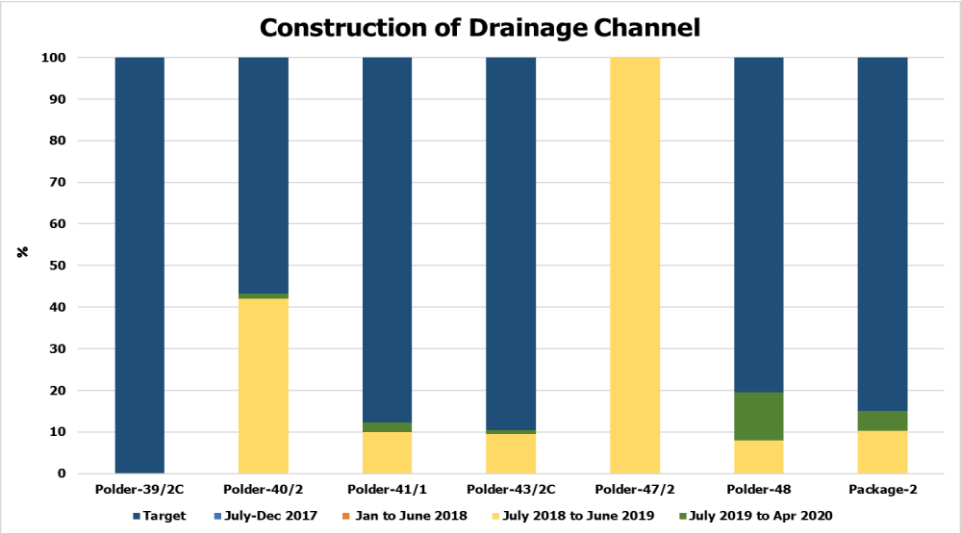

Figure 3-29: Construction of Drainage Channel of Package-2

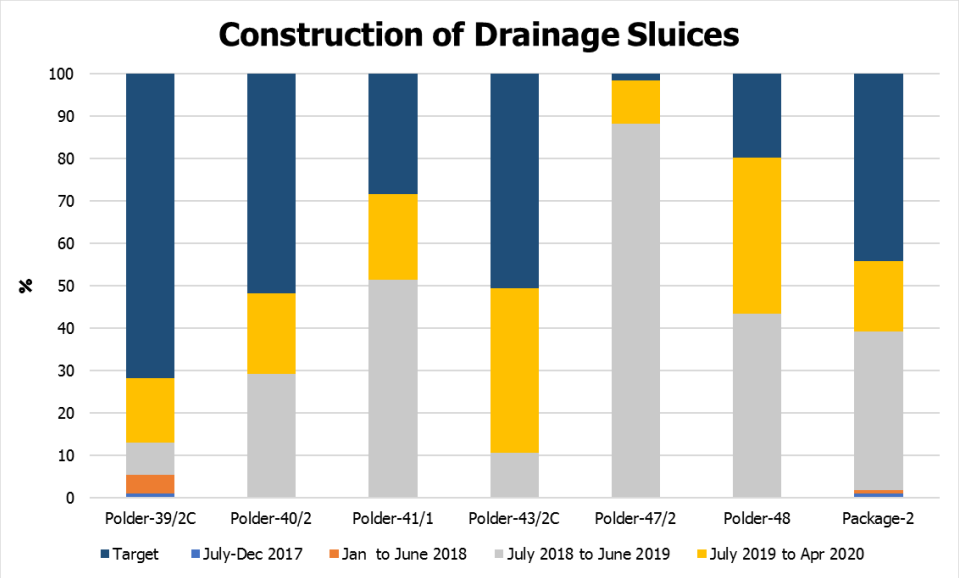

Figure 3-30: Construction of Drainage Sluice of Package-2

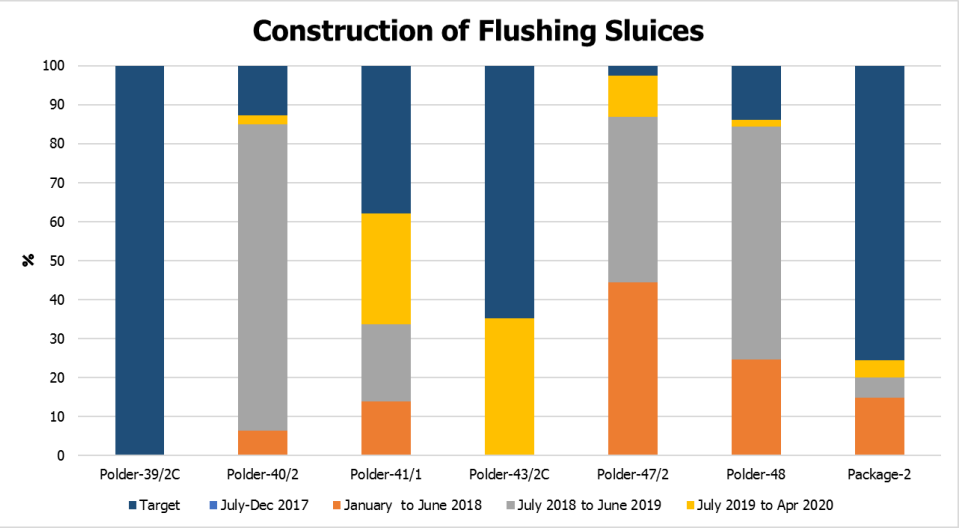

Figure 3-31: Construction of Flushing Sluice of Package-2

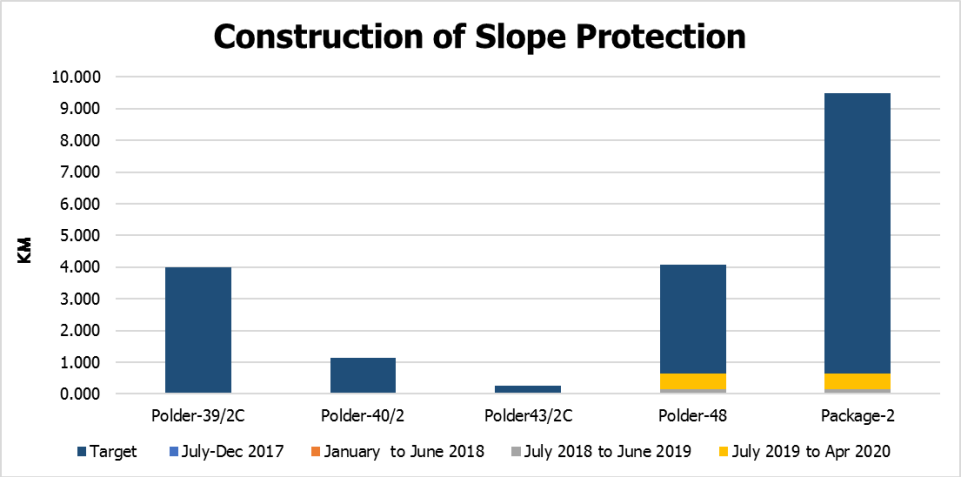

Figure 3-32: Construction of Slope Protection of Package-2

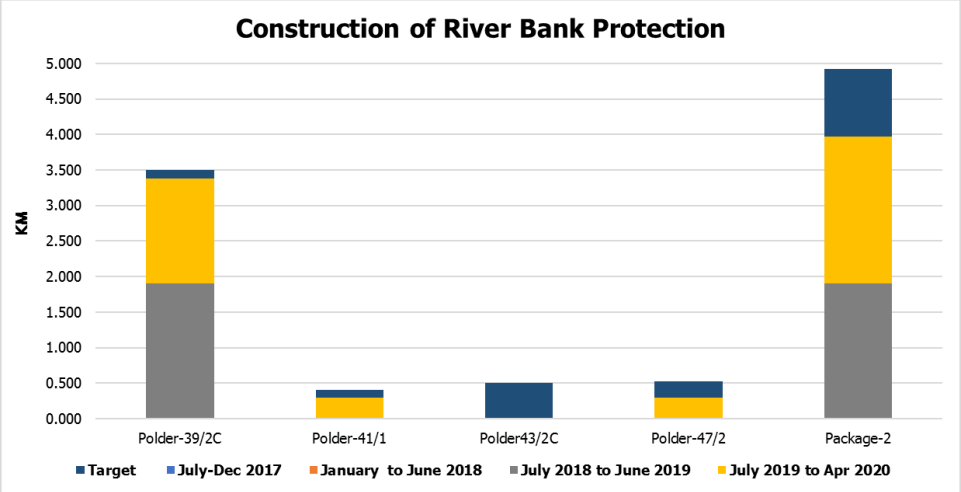

Figure 3-33: Construction of River Bank Protection of Package-2

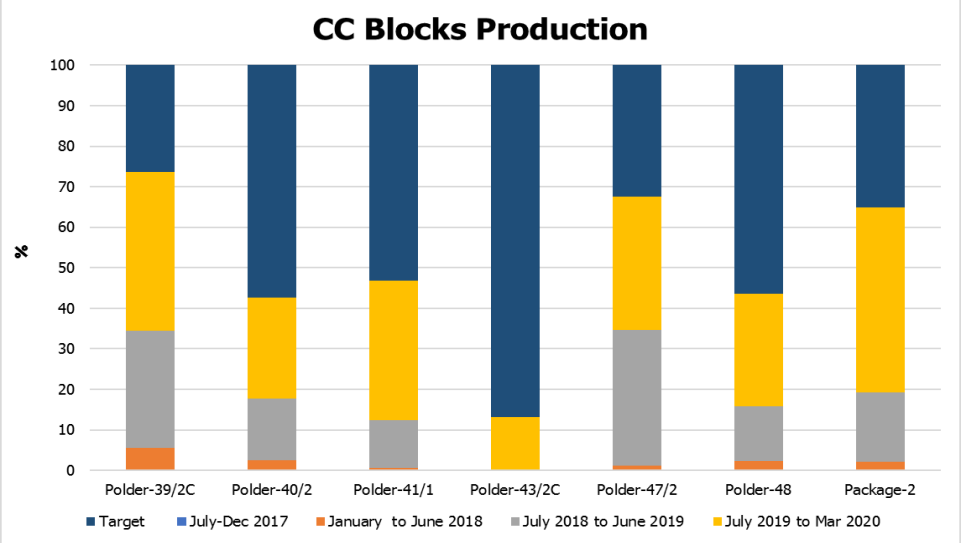

Figure 3-34: CC Blocks Production of Package-2

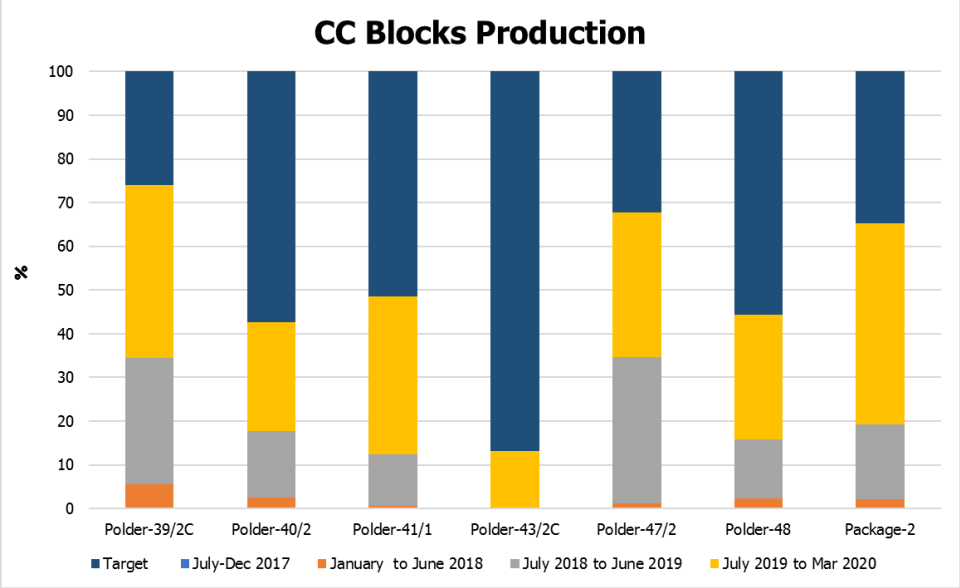

Table 3-52: CC Blocks Production as on April 2020

S.N.	Polder Number	Quantity as per Zero Cost Variation (Upto VO No. 01	Cumulative Total as of 31 March 2020	Production during April 2020							Cumulative Total as of 30 April 2020
				40x40x40 (No)	40x40x20 (No)	30x30x30 (No)	40x40x30 (No)	30x60x40 (No)	30x60x60 (No)	Total (No)	
1	39/2C	5,985,778	4,410,068	4,141	0	12,159	0	0	0	16,300	4,426,368
2	40/2	429,969	183,374	0	0	0	0	0	0	0	183,374
3	41/1	577,846	270,986	9,538	0	0	0	0	0	9,538	280,524
4	43/2C	435,342	57,316	1	0	0	0	0	0	1	57,317
5	47/2	482,227	324,797	1,501	0	89	0	0	0	1,590	326,387
6	48	539,493	236,590	0	3	4	1301	1071	0	2,379	238,969
	Total =	**8,450,654**	**5,483,131**	**15,181**	**3**	**12,252**	**1,301**	**1,071**	**0**	**29,808**	**5,512,939**

3.5.3 Advance Payments

The Contractor has received 2nd instalment of 5% Advance Payment having total expenditure incurred against advance payment is BDT: 1028.40 M.

The site works of Package-2 are going on with sufficient machineries and equipment.

The deployment list of Contractor staff (Chinese People) is appended below in Table 3-53. The Contractor has established their site offices at Bhandaria, Kalapara, Barguna, Patharghata and their field head quarter at Patuakhali.

Table 3-53: Contractor Staffs available in Package-2

SN	Description	Total Nos.	Dhaka	Patuakhali	39/2C	40/2	41/1	43/2C	47/2	48
1	Management	7	2	2	2	1	0	0	0	0
2	Technical Staff	59	2	0	16	9	15	12	0	5
3	Admin/Support	17	1	0	0	3	7	2	0	4
4	Operator/Driver	91	2	2	3	20	14	41	0	9
5	Skilled Labor	147	0	1	8	26	45	55	0	12
6	Unskilled Labor	252	2	1	14	50	39	120	0	26
	Total=	573	9	6	43	109	120	230	0	56

3.5.4 Equipment mobilization

Equipment including, machines, tools, barges, etc. have been purchased and deployed at site. Equipment including Excavators, Dump trucks, Rollers, Pay Loaders, Automated CC Block manufacturing plants and Tippers are at site.

The target of the 1st dry season was - to manufacture CC block in connection with River Bank Protection work. Thus five (5) nos. automated CC block manufacturing Machines are installed at the CC blocks manufacturing Yard in Polder-39/2C. Some CC block are also to be manufactured manually, for which CC block manufacturing started in Polder-40/2, Polder-41/1, Polder-43/2C, Polder-47/2, & Polder-48.

A length of 34.821 km full and 21.609 km Partial Embankment Re-sectioning work has been completed. Construction of 21nos. Flushing Sluices and 35nos. Drainage Sluices are in Progress by the end of the reporting month of April 2020.

Table 3-54: Mobilisation List of Equipment for Package-2

No.	Description	Polder 39/2C	Polder 40/2	Polder 41/1	Polder 43/2C	Polder 47/2	Polder 48	Total
1.	Excavator	8	12	7	23		10	57
2.	Bull Dozer	3	3	1	4		4	15
3.	Dump Truck	8	24	13	13		36	94
	Tractor	3	13				2	18
4.	Pay Loader	4	2	3	5		3	18
5.	Vibratory Roller	3	1	1			1	6
6.	Generator	8	5	7	9	1	8	38
7.	Vibro Hammer for Sheet Piling	1	1	2	1		1	6
8.	Concrete Batching Plant	4	1				3	8
	Concrete Transit Mixer	1	5	4	7	9	8	36
	Concrete Pump and CC block making machine	5	1	1			1	8
9.	Water Tanker	1	1	1	1		3	7
10.	Stone Crusher						1	1
11.	Flat top barge / pontoon for dumping Hard Rock /C.C. Block	2		1		1		4
12.	Tug boat	3				1		4
13.	Long boom Crane	1					1	2
14.	Double drum power driven mooring winches	1						1
15.	Roller	1						1
16.	Hand operated soil compactor		5	3	1		2	11
17.	Concrete mixer machine with appropriate size of hopper	5	12	12	14	9	7	59
18.	Concrete vibrator machine			12	12	9	16	49
19.	Power driven country boat					1		1
20.	Generator for site electrification	1	6	1	1	1	3	13
21.	Power pump	4	13	10	4		64	95
22.	Water pump	54	22	43	27	9	10	165
23.	Sand Piling Equipment	2		4	4			10
24.	Water Sprinkler	1	1	1	1		1	5
25.	Power Broom equipped with blower					2		2

No.	Description	Polder 39/2C	Polder 40/2	Polder 41/1	Polder 43/2C	Polder 47/2	Polder 48	Total
26.	Hauling Equipment			1		1	1	3
27.	Fork Lift	53		2		9	1	65
28.	Pick Up	2	1	3	1		1	8
29.	Light Truck	2				1		3
30.	Flat Truck	3	1	4	2	1	2	13
31.	Fuel Tanker	1		1		1	1	4
32.	Belt Conveyor	6				1	1	8
33.	Concrete Pumping Machine		1	2			1	4
34.	Steel Bar Bending Machine	1	1	1	1		1	5
35.	Steel Bar Cutting Machine	1	1	1	1	2	1	7
36.	Motorcycle	2	3	1	3	2	3	14
37.	Electro-tricycle	1	2		3		1	7
38.	Air Compressor	6	1	1	1	2	2	13
39.	Welding Machine	8	7	6	1	4	8	34
40.	Fuel Filler	2	1	1			2	6
41.	Lathe	1						1
42.	Milling Machine	1						1
43.	Grinding Machine	2	1	1		2		6
44.	Wheel Balance Machine	1						1
45.	Tyre Removing Machine	3						3
46.	Crimping Machine	1		1				2
47.	Rotate Drilling Machine	1						1
48.	Compressor Machine	1		1				2
49.	Portable Chain Removing Machine	1						1
50.	Drilling Machine	3		1		2	1	7
51.	Semi-auto Air Cutting Machine	1		1				2
52.	Abrasive Wheel Cutting Machine	3	1	1	1	2	7	15
Grand Total		**107**	**21**	**30**	**14**	**30**	**34**	**236**

3.5.5 Slow Progress During the Reporting Month (April 2020)

Contractors' work flow slowed down from the month of January 2020 due to cash flow problems resulting in short supply of materials (mostly cement and stone). It was predicted that the situation would improve during the month of February and March 2020, but it did not improve as predicted, rather it was affected more due to addition of COVID-19 pandemic situation. Thus, the situation continued throughout the reporting month of April 2020 resulting very poor progress of works. Although the contractor's cash flow situation was partly recovered, the supply chain of materials (cement, stone / brick chips, geotextile etc.) was largely interrupted due to restrictions applied on transportation by the Government to tame spread of Corona Virus. This situation affected the works of manufacturing CC Blocks for bank protection and embankment slope protection works during the reporting month of April 2020.

The issue of gate installation to the already completed sluices in different Polders created another setback in the work progress. The Contractor committed to install gates to around 31 completed sluices by February 2020, but the vertical gates imported from China could not be inserted through the 15 cm wide slot in the operating deck due to larger beam section. The Contractor -

remodelled the vertical gates to use as flap gate and flap gate to vertical gate and one of these remodelled gates was installed at the Drainage Sluice (DS#6) in Polder 41/1. The gate was checked and found to be okay. However further operational use of the gate during the flood season, will confirm suitability. Mechanical Engineering Consultant of DDDCS& PMS team already certify this remodelling to use the same system in other completed drainage sluices.

The remodelling takes quite a bit of time and the Contractor found it difficult to fix gates in other completed sluices in time. Construction Resident Engineer, CEIP-1, W/02, instructed Contractor with a number of reminders to fix gates to all the remaining completed sluices by April 15, 2020 to facilitate functioning of these sluices for use by the farmers in irrigating crops field. But the installation process has been too slow during the month and thus the Contractor could not complete these works even by 30 April 2020.

In addition to slow progress of works, the CEIP-1, W/02 is affected by the outbreak of COVID-19 starting from early March 2020. A number of Chinese experts (around 50) who went to China could not return to work for the Project. This situation affected the Project activities including installation of gates and hoists. Further, the Government declared closures of offices from 25 March 2020 to check the spread of the virus that affected the Project to a great extent. Many of the contractor's local staff went on holidays affecting the work flow. The Government closure has been extended to May 05, 2020 and situation resulted in short supply of local staff. Further, the local administration applied social distancing measures and did not allow assembly of more than six workers in order to control spread of the virus affecting work flow. Contractor's local labour strength is reduced by 60% (from 1070 persons in March 2020 to around 500 in April 2020) as reported by the Contractor's Deputy Project Manager, today May 01, 2020.

As there was drastic reduction in local workers' assembly due to COVID-19 situation, a good number of Chinse Technicians left the Project affecting the works.

The Contractor, Package-2, did not recover from cash flow problem affecting work flow as the approval of Variation Order #1 is still pending with the Employer due to Government Closure of Offices. Approval of the Variation Order #1 should remove contractor's cash flow problem as the Engineer would be able to recommend contractor's outstanding payments for the works already completed over and above the Bill of Quantities (BOQ) for the interest of the Project.

Figure 3-35: Ongoing Slope Protection Works (Polder 40/2), Barguna

Figure 3-36: Bank Protection with Pitching Works (Polder 39/2C)

Figure 3-37: Gate installation for DS-1 in Polder 48

Figure 3-38: Completed Embankment CEIP-1, W/02, Polder 43/2C

3.5.6 Plans for execution of works

Early in the work season of the current year 2020, the Contractor was advised to precede 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 1.215 kilometres of slope protection works was targeted for completion in the current dry season including a very vulnerable length of 700 metre. The other priority works are the bank protection works in the four Polders (39/2C, 41/1, 47/2 & 43/2C) during this dry session.

Embankment earthworks and re-excavation of drainage channels included in the current year program for the Six Polders are also planned for execution in this dry season. All drainage channels included for re-excavation in the current year program are planned for completion. Although land acquisition issue does not pose any problem, resettlement is an issue impeding embankment earthworks construction in Polder 39/2C, 43/2C and 500meter retired embankment in Polder 47/2.

Program for Month of May 2020

Polder 39/2C:

CC Block Manufacturing Yard1: (A) Nadmulla

- No program

CC Block Manufacturing Yard2: (A2) Charkhali

- To manufacture monthly scheduled of 20,000 Nos. blocks (40x40x30 cm)

CC block manufacturing yard 3: (B) Telikhali

To manufactured monthly schedule of 20,000 nos. (40x40x40)

Other Construction Activities

- Approach dyke, placing of blocks in filter bed & loose apron of DS-7&12 including gates installation & diversion channel and khal closures
- CC Blocks dumping of around 20,000 nos
- Embankment construction work of about 1.000 kilometre
- Continue construction works for DS-8, DS-10, & DS-11;

Polder 40/2:

- Approach dyke, placing of blocks in filter bed & loose apron in FS-4/1, FS-9, FS-10, DS-2, DS-3, DS-4/5 including opening diversion channels
- Installation of gate in FS-4/1, FS-9, FS-10, DS-2, DS-3, DS-4/5
- To manufacture CC Block
- To progress with the on-going work of DS-10 & DS-7A
- To progress the re-sectioning work of embankment
- To progress the repairing work of Drainage & Flushing Sluices;
- To progress the slope protection work from Km 1.240 to Km 1.640

Polder-41/1:

- To start manufacturing CC Blocks at Gulbunia & other sluices locations
- Approach dyke, placing of filter bed blocks & loose apron & installation of gates in DS-1, DS-5, DS-6, DS-7, DS-8, DS-9, FS-1, FS-3, FS-8, FS-9 & FS-15 including opening up diversion channel
- To progress with the works of DS-3, DS-4, DS-10, FS-6, FS-5 & FS-28
- To progress with the re-sectioning work of embankment and construction of retire embankment.
- To complete the repairing work of FS-18 & FS-22
- To start the repairing of Flushing Sluices FS-21 & 23

Polder 43/2C

- Continue construction and re-sectioning work of embankment
- Make progress with the construction work of FS-1 (A), FS-10, FS-18 & FS-8
- Install gates in DS-7 and make progress for DS-1, DS-3, DS-4, DS-5 & DS-8
- Manufacture CC blocks for river bank protection work and Hydraulic structures
- Start repairing works of Flushing Sluices

Polder-47/2

- Bring the gates in operation in DS-1, DS-2, DS-3, DS-4, FS-1, FS-6 & FS-7
- Manufacture CC Block for river bank protection work
- Make progress with the dumping of the CC blocks
- Complete the repairing works of FS-2 & FS-4

Polder-48:

- Start manufacturing CC Block immediately
- Make progress with the re-sectioning work of embankment
- Make substantial progress with the slope protection work of sea dyke at Kuakata Beach
- Install gates in DS-1, DS-3/2, DS-3/4, FS-1, FS-3 & FS-4
- Make progress with the work of DS-2A, DS-3/3 & DS-6
- Complete the repair work of Drainage Sluice DS-5

Other structures and embankment works are to be started very soon of 2019-2020. Site activities on all structures will go through first, second and third dry season. The majority of the sites works are scheduled during these three main dry seasons.

3.5.7 Construction of Regional office Building at Patuakhali and others building at Kalapara and Pathorghata,

Regional Office Building at Patuakhali: Approved detailed design was issued to the Contractor to start the building and the Contractor has already started the work from 17 April 2019 and the work is in progress. The overall progress is about 65%.

Vertical Extension of BWDB's Existing Office Building at Kalapara, Patuakhali: The Building had 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 saved money will be used to construct the Office Building cum Rest House at Bhandaria under Pirojpur. The preparation of variation order for construction of the Office Building cum Rest House at Bhandaria is in the process.

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

Laboratory Building at Patuakhali: The building had been completed and handed over to the competent authority.

3.5.8 Emergency works in different Polders

Emergency work in Polder-40/2 (km 12.92 to km 12.989, km 13.215to 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 completed.

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

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

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

Emergency work in Polder-48:

1. (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 work by Geo-bag, Gunny bag, Bullah, Bamboo etc has been completed.
2. Emergency work from km 31.060 to km 31.220 and km 31.280 to km 31.408 has been completed.

Emergency work in Polder-39/2C:

1. 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 were started on 10th September'2019 and the work has been completed.

Figure 3-39: Emergency Work in Polder-48

Table 3-55: Summary of Emergency works under the head of "Environmental Mitigation Works"

Sl. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-39/2C	0.177	1,666,992
02	Polder-40/2	0.35	2,795,174
03	Polder-41/1	0.05	560,126
04	Polder-43/2C	0.00	0.00
05	Polder-47/2	0	6,872,990
06	Polder-48	0	0
	Total =	**0.577**	**11,895,283**

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

Table 3-56: Summary of Emergency works under the head of "Physical & Price Contingency"

Sl. No.	Name of Polder	Total Length	Total Cost Estimate (BDT)
01	Polder-39/2C	0.323	3,070,748
02	Polder-40/2	0	0
03	Polder-41/1	0	0
04	Polder-43/2C	0	0
05	Polder-47/2	0.156	1,058,491
06	Polder-48	0.508	12,359,617
	Total =	**0.987**	**16,488,855.56**

Table 3-57: Detailed of Emergency Works under the head of "Provisional Sum"

Sl. No.	Polder No.	Chainage		Length (Km)	Name of location	Engineer Approved Date	Estimated Cost in BDT	Remarks	Year
		From	To						
1	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
2	Polder-40/2	12.920	12.989	0.069	Tafalbaria Pathorghata	14-Nov-17	2,795,174.46	Do	FY 2017-18
3	Polder-40/2	13.215	13.411	0.196	Amount 2795174.46	14-Nov-17		Do	FY 2017-18
4	Polder-40/2	13.992	14.077	0.085	Amount 2795174.46	14-Nov-17		Do	FY 2017-18
5	Polder-41/1	5.139	5.189	0.050	Burir Char Barguna	22-Aug-17	560,125.89	Do	FY 2017-18
6	Polder-47/2	6.168	6.618	0.450	Kalapara	2-Oct-17	1,454,046.70	Do	FY 2017-18
7	Polder-47/2	6.635	6.660	0.025	Kalapara		154,515.16	Do	FY 2017-18
8	Polder-47/2	6.453	6.478	0.025	Kalapara	15-Jul-18	168,575.92	Do	FY 2017-18
9	Polder-47/2	31.28	31.408	0.128			1,418,282.41	Do	FY 2017-18
10	Polder-47/2	34.305	34.525	0.220			3,677,570.07	Do	FY 2017-18
Total				**1.425**			**11,895,282.61**		

Table 3-58: 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
3	Polder-39/2C	54.512	54.600	0.088	Nadmulla	9-Sep-19	775,917.00	Physical and Price Contingency	FY 2019-20
4	Polder-39/2C	54.608	54.678	0.070	Nadmulla	9-Sep-19	616858.00	Physical and Price Contingency	FY 2019-20
2	Polder-47/2	6.300	6.375	0.075	Kalapara	01-Aug-18	555,379.53	Physical and Price Contingency	FY 2017-18
3	Polder-47/2	6.550	6.592	0.042	Kalapara	01-Aug-18	290,209.45	Physical and Price Contingency	FY 2017-18
4	Polder-47/2	6.670	6.692	0.022	Kalapara	01-Aug-18	109,704.67	Physical and Price Contingency	FY 2017-18
5	Polder-47/2	6.710	6.727	0.017	Kalapara	01-Aug-18	103,196.95	Physical and Price Contingency	FY 2017-18
6	Polder-48	31.060	31.220	0.160	Kuakata	08-Apr-19	2,414,561.67	Physical and Price Contingency	FY 2017-18
7	Polder-48	31.280	31.408	0.128	Kuakata	08-Jun-18	1,840,849.69 (Revised)	Physical and Price Contingency	FY 2018-19
8	Polder-48	34.305	34.525	0.220	Kuakata	08-Jun-18	8,104,205.60 (Revised)	Physical and Price Contingency	FY 2018-19
Total				**0.987**			**16,488,855.56**		

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 on10 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 has been 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 has been 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 has been 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 has been 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 has been 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 has been 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.

3.5.10 Contract Modifications

As per advice of the Project Director, the revised Variation Order No.01 was prepared and submitted to PMU vide Engineer's reference no.RDCOR_BC5883-100_L002438_JHL_MAR dated:5th January,2020.Later on the Project Director advised to submit a Zero Cost Variation (up to Variation Order No.01) and according to the advice Zero Cost Variation (up to Variation Order No.01) was prepared and submitted to PMU vide Engineer's reference no.RDCOR_BC5883-100_L002439_JHL_MAR dated:5th January,2020.

The Project Director subsequently sent the Variation Order No.01 to the World Bank for concurrence. The World Bank reviewed the Variation Order and made quires for omission of the Bill No.12 & 13. A lot of correspondences were made with World Bank showing justified reasons for omission of those two bills but the World Bank did not agree to omit the Bill No.12 & 13 at this stage. Under this situation as per instruction of the Project Director, the Variation Order No.01 was revised by the Engineer keeping the provision of Bill No.12 (**Construction of Road Pavement over Embankment and Road Crossing Embankment**) and Bill No.13 (**Construction of Flood Wall**) as in the Contract and submitted to PMU vide Engineer's reference no. RDCOR_BC5883-100_L002499_JHL_MAR dated:4th March,2020.The Project Director,CEIP-1 sent the revised Variation Order No.01 to the World Bank for concurrence and the World Bank

provided concurrence on the Variation Order and now being waiting for the approval of the competent authority.

The Variation Order No.03 for construction of Rest House cum Office Building at Bhandaria was submitted to PMU on 24 October 2019 but that has been returned back with some observations. As per observations the Variation Order No.03 is being re-casted and will be sent to PMU in the name of Variation Order No.02.

The Contractor has submitted the Revised Work Program with all other relevant documents at the last week of February 2020 keeping provision that all the works will be completed within the contract period with the condition to provide all the lands without any hindrance within April 2020 and those have been submitted to PMU on 1st March 2020 after finally reviewed by the Engineer. The S-curve has been prepared based on the revised program and the same has been incorporated in the Monthly Progress Report of April, 2020.

3.5.11 Impact Assessment CEIP-1, W/02 Due to Corona Virus Restrictions

As reported above, the CEIP-1, W/02, is affected by the outbreak of COVID-19, Team Leader, DDCS&PMS Consultants, CEIP-1, submitted a risk assessment matrix to the Project Director and the World Bank on April 12, 2020. The table high- lighted critical works components under Package -2 that needs to be completed to protect the Six Polders from flooding event in the upcoming monsoon months and to help protecting the Polder Community from any cyclonic event. Considering Month of May, a very critical month for cyclonic storm in Coastal Bangladesh, the DDCS & PMS Consultants team comprising; Construction Resident Engineer, Deputy Resident Engineer, and all four CSEs and Field Engineers, fully monitored Contractors' work to get these critical works done by April 30, 2020. The Contractor tried, but the limitations to workers' assembly imposed by local administration retarded work flow that was already aggravated by Contractors cash flow problem.

The Risk Assessment Matrix sent by Team Leader, DDCS & PMS Consultants' team to the Project Director and the World Bank reflected important items such as description of critical works component, present status of works, risks involved if works not done, what is the minimum to be done to protect the Polder etc. The table is updated to see the progress of work done and a sample matrix updated to 30 April 2020 is attached for reference in Table 3-59.

Table 3-59: Preliminary Impact Assessment following Corona virus restrictions, CEIP-1, W/02 (April 30, 2020)

Polder No	S.N.	Description of works	Unit No / Km	Status of Works (as of 30 April 2020)	Progress Status of the Works as per April 30, 2020	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
48	1	Drainage Sluice Construction	6	Ongoing	Work progress 77%. Remains to be done headwalls for DS# 2A, 3/3 & 6 and other works related to gate fitting, approach dyke and diversion channel linkage.	30-Jun	Yes	Sluice will not function	3 Sluices need Gates Installation, Aprons & Diversion Channels & 3 Sluices need headwalls, gates & diversion channel	Work going on for only DS-6 by engaging few labor. Working environment is not in favor of work.	Headwall casting was needed to make these sluices properly functional so to avoid public agitation for irrigation & domestic water needs
	2	Flushing Sluice Construction	3	Ongoing	86%	30-Jun	Yes	Sluice will not function	Gate Installation, Aprons & Diversion Channels	Work completely stopped for shortage of labor due to COVID-19.	None function of the Sluices may create public agitation for irrigation & domestic water needs
	3	Slope Protection Works	4.078	Ongoing	Work progress 25%. Work completed up to Level +4.50 M PWD from Km 30+800 - 31+450 (650 meter)	30-Jun	Yes	Part work may be damaged	Completion needed for most vulnerable 700 meter	Work is going on only in the vulnerable 650meter length.	Extremely Vulnerable 700 meter need to be completed to avoid risk of washing out /engulfing into the sea
	4	Embankment Construction	4.24	Ongoing	1.316 km completed	30-Jun	No			Work completely stop for shortage of labor due to COVID-19.	Of the 38.00 km , 1.316 Km completed & 4.313 km partly completed
40/2	1	Drainage Sluice Construction	5	Ongoing	86%	30-Jun	Yes	Sluice will not function	Gate Installation, Loose apron & Diversion Channel	Work of Drainage Sluices are going very slowly due to local restriction in carrying materials.	Sluices needed to be functional to avoid public agitation for irrigation & domestic water needs

Polder No	S.N.	Description of works	Unit No / Km	Status of Works (as of 30 April 2020)	Progress Status of the Works as per April 30, 2020	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
	2	Flushing Sluice Construction	3	Ongoing	85%	30-Jun	Yes	Sluice will not function	Gate Installation, Aprons & Diversion Channels	Work of Flushing Sluices are going very slow due to local restriction in carrying materials.	Sluices needed to be functional to avoid public agitation for irrigation & domestic water needs
	3	Slope Protection Works	1.137	Ongoing	80 meter partly done	30-Jun	Yes	Part work may be damaged	Completion of 1.137 km	Slope protection work is going on with limited labor.	Vulnerable 1.137 km need to be completed to avoid risk of embankment erosion
	4	Embankment Construction	8.46 Km.	Ongoing	50%	30-Jun	No			Work is continuing.	Of the 34.200 km , 6.600 Km completed & 7.410 Km on going
41/1	1	Drainage Sluice Construction	9	Ongoing	80%	30-Jun	Yes	Sluice will not function	8 Nos need Gate Installation, Aprons & Diversion Channels & 1 No need base slab & superstructures	All work stopped. No working environment available.	Sluices needed to be functional to avoid public agitation for irrigation & domestic water needs
	2	Flushing Sluice Construction	8	Ongoing	85%	30-Jun	Yes	Sluice will not function	Gate Installation, Aprons & Diversion Channels	All work stopped. No working environment now.	Sluices needed to be functional to avoid public agitation for irrigation & domestic water needs
	3	Bank Protection Works	0.4	Ongoing	68%	31-May	Yes	Part work may be damaged	Completion of 400 meter including pitching works	Dumping work stopped, but pitching work is going on very slowly.	Very vulnerable works needed to be completed to avoid risk of outflanking
	4	Embankment Construction	9.63	Ongoing	70%	31-May	No			Work is going on very slowly due to non-availability of working	Of the 33.571 km , 2.15 Km completed & 9.35 km ongoing

Polder No	S.N.	Description of works	Unit No / Km	Status of Works (as of 30 April 2020)	Progress Status of the Works as per April 30, 2020	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
										environment.	
47/2	1	Drainage Sluice Construction	4	Ongoing	Work progress 98%. All concreting works done except Linking of Diversion Channels	30-Jun	Yes	Sluice will not function	Opening of Diversion Channels	All work stopped. No working environment now.	Sluices to be functional to avoid public agitation for irrigation & domestic water needs
	2	Flushing Sluice Construction	3	Ongoing	Progress 96% . All works done except few works in apron & linking of Diversion Channels	30-Jun	Yes	Sluice will not function	Opening up Diversion Channels	All work stopped. No working environment now.	Sluices to be functional to avoid public agitation for irrigation & domestic water needs
	3	Bank Protection Works	0.56	Ongoing	Overall Progress 40%. Completed 320 meter. Remaining length to be done240 meter	31-May	Yes	Part work may be damaged	Completion of 560 meter including pitching works	All work stopped. No working environment now.	Very vulnerable works needed to be completed to avoid risk of outflanking
	4	Embankment Construction	0.34	Ongoing	0%	31-May	Yes	This part of retired dyke needs to be done	Vulnerable pitching works depends on completion of retired dyke	All work stopped. No working environment now.	Of the 17.567 km , 16.2 Km completed. Ongoing work of 1.224 km retired dyke stopped.
43/2C	1	Drainage Sluice Construction	6	Ongoing	72%	30-Jun	Yes	Sluice will not function	5 Nos need Gate Installation, Aprons & Diversion Channels & one Sluice needs base & superstructure	Movement restricted due to road barricades by local people. Work is going on very slowly.	Sluices to be functional to avoid public agitation for irrigation & domestic water needs
	2	Flushing Sluice Construction	4	Ongoing	62%	30-Jun	Yes	Sluice will not function	Gate Installation, Aprons & Diversion Channels	Work stopped due to restriction provided by local people.	Sluices to be functional to avoid public agitation for irrigation & domestic water needs

Polder No	S.N.	Description of works	Unit No / Km	Status of Works (as of 30 April 2020)	Progress Status of the Works as per April 30, 2020	When was it planned to be completed?	Is there a risk now or in the next 3 months to come if Works would be stopped immediately	If yes, what is the risk?	What is the minimum to be done to avoid the risk	Prevailing working environment	Remarks
	3	Bank Protection Works	0.5	No	Work not started						175,000 CC Blocks are yet to be casted to start this bank protection works
	4	Embankment Construction	0.384 Km	On going		31-May	No			Work is going on very slowly.	Of the 25.50 km , 6.675 Km completed & 0.384 km ongoing
39/2C	1	Drainage Sluice Construction	5	Ongoing	Overall progress 88% . All works done except opening up of Diversion Channels for DS# 7 & 12. Concreting works for DS#8, 10 & 11 are 50%, 70% & 80%	30-Jun	Yes	Sluice will not function	Opening up of Diversion Channels for DS #7 & 12	Local people restricted the movement of labor. Work progress is very slow.	All works done except opening up of Diversion Channels for DS# 7 & 12. Concreting works for DS#8, 10 & 11 are 50%, 70% & 80%
	2	Flushing Sluice Construction	0	Not Applicable							None of the 15 Flushing Sluices started yet
	3	Bank Protection Works	3.5	Ongoing	Dumping 3.38 km completed. Pitching done for 1950 meter	30-Jun	Yes	May wash out in the absence of balance pitching & end termination	1000 meter bank slope pitching works	Work stopped due to restriction provided by local people.	of the 3.50 km, about 3.38 km dumping completed with 1.95 km pitching
	4	Embankment Construction	0.00	No			No			Work stopped due to restriction provided by local people.	Of the 59.25 km, 1.700 Km completed & no new start.
Note: Most vulnerable is 700-meter slope Protection works in CEIP-1, W/02 Polder 48 may be completed.											

				Year			2017	2018				2019												2020												2021
				Scheduled			7	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
Bill No.	Description	Value (Taka)	Weight	Previous	This Month	To Date																														
1	General	114,147,100.00	1.12%	0.62%	0.00%	0.62%		48.60	0.32		0.16	5.22	0.08		0.16		5.17									6.80	6.80	6.80	6.80				6.80	6.80	6.80	6.80
2	Construction/Re-sectioning of Embankment	1,757,533,176.00	17.26%	3.65%	0.15%	3.79%		40.65			11.88	38.03	-8.28	9.80	5.44	3.03	14.48					2.75	63.31	26.79	95.72	181.74	181.74	181.74	181.74				181.74	181.74	181.74	181.74
3	Excavation/Re-excavation of Drainage Channel	191,966,386.45	1.89%	0.41%	0.08%	0.48%								6.12	5.83	8.86	19.42								0.56	18.90	18.90	18.90	18.90				18.90	18.90	18.90	18.90
4	Construction of Drainage Sluice	1,564,264,329.54	15.36%	8.38%	0.40%	8.77%		25.59	0.31	0.46	40.88	121.49	78.84	71.58	70.06	55.04	31.86	0.69	1.95	0.31	6.45	17.49	98.32	58.39	85.18	99.92	99.92	99.92	99.92				99.92	99.92	99.92	99.92
5	Repairing of Drainage Sluice	18,234,536.00	0.18%	0.06%	0.00%	0.06%		0.34			0.01	0.20		0.33	0.14	0.15	0.10	0.07			0.08	0.09	2.43	0.69	1.09	1.57	1.57	1.57	1.57				1.57	1.57	1.57	1.57
6	Construction of Flushing Inlets	877,089,164.92	8.61%	3.18%	0.06%	3.24%		93.22	0.28	0.48	4.30	12.28		12.05	49.91	12.86	19.21	0.33	1.08	0.17	0.39	11.97	37.61	32.21	16.09	71.58	71.58	71.58	71.58				71.58	71.58	71.58	71.58
7	Repairing of Flushing Inlets	16,495,126.00	0.16%	0.05%	0.00%	0.05%		0.34			0.02	0.17		0.30	0.55		0.11	0.07	0.03	0.08	0.08	0.30	1.43	0.46	0.66	1.49	1.49	1.49	1.49				1.49	1.49	1.49	1.49
8	Embankment Slope Protection Work	1,318,889,277.05	12.95%	5.15%	0.07%	5.22%		96.62	15.52	17.91	19.26	130.40	-267.78	0.68	0.44	421.30	-183.80	16.93	100.00	71.95	44.57	76.07	-124.83	21.75	38.26	74.88	74.88	74.88	74.88	74.88	74.88	74.88	74.88	74.88	74.88	74.88
9	River Bank Protection Work	4,050,125,322.64	39.77%	28.82%	0.06%	28.88%		333.48	123.42	163.57	160.76	204.08	365.53	77.52	189.09		471.23	168.21	18.58	64.96	212.88	136.68		55.02	48.12	49.80	105.02	105.02	105.02	105.02	105.02	105.02	105.02	105.02	105.02	105.02	105.02
10	Dismantling Work of the Existing Sluices & Roads	57,489,951.02	0.56%	0.08%	0.00%	0.08%						0.19			0.00		8.30									6.13	6.13	6.13	6.13				6.13	6.13	6.13	6.13
11	Construction of Khal Crossing Closure	101,123,200.00	0.99%	0.00%	0.00%	0.00%																														
12	Construction of Road Pavement over Embankment and Road Crossing Embankment		0.00%	0.00%	0.00%	0.00%																														
13	Construction of RCC Flood Wall		0.00%	0.00%	0.00%	0.00%																														
	Sub Total	**10,067,357,569.62**	**90.86%**	**50.39%**	**0.82%**	**51.21%**		638.85	139.84	182.43	237.26	512.06	168.39	178.38	321.63	501.24	386.08	186.31	121.63	137.46	264.46	245.37	78.27	195.33	387.43	568.02	568.02	568.02	568.02	179.90	179.90	179.90	568.02	568.02	568.02	568.02
1	Daywork (Provisional Sum)	51,240,887.20	0.50%	0.00%	0.00%	0.00%																				6.41	6.41	6.41	6.41				6.41	6.41	6.41	6.41
2	Specified Provisional Sum	64,364,491.00	0.63%	0.14%	0.00%	0.14%		14.65																		6.21	6.21	6.21	6.21				6.21	6.21	6.21	6.21
3	Provisional Sum for Physical and Price Contingencies		0.00%	0.08%	0.00%	0.08%						9.21														10.00	18.00	15.00	10.00				29.00	10.00	4.00	1.00
	Sub Total	**115,605,378.20**	**1.14%**	**0.22%**	**0.00%**	**0.22%**		14.65	2.59%	2.59%	-	9.21	-	-	-	-	-	-	-	-	-	-	-	-	-	22.62	30.62	27.62	22.62	-	-	-	41.62	22.62	16.62	13.62
	Grand Total	**###############**	**100.00%**	**50.61%**	**0.82%**	**51.43%**		**653.51**	**139.84**	**182.43**	**237.26**	**521.27**	**168.39**	**178.38**	**321.63**	**501.24**	**386.08**	**186.31**	**121.63**	**137.46**	**264.46**	**245.37**	**78.27**	**195.33**	**387.43**	**590.63**	**598.63**	**595.63**	**590.63**	**179.90**	**179.90**	**179.90**	**609.63**	**590.63**	**584.63**	**581.63**
Scheduled Monthly Accomplishment							0.00%	0.92%	1.15%	1.53%	2.22%	4.92%	1.72%	3.33%	3.02%	2.30%	3.61%	1.69%	0.95%	1.09%	2.31%	2.44%	4.39%	1.92%	3.80%	4.52%	4.25%	5.37%	4.82%	1.13%	0.89%	0.43%	6.22%	10.43%	9.77%	3.82%
Scheduled Cumulative Accomplishment							**0.00%**	**5.74%**	**6.89%**	**8.42%**	**10.64%**	**15.56%**	**17.28%**	**20.61%**	**23.63%**	**25.93%**	**29.54%**	**31.23%**	**32.18%**	**33.27%**	**35.58%**	**38.02%**	**42.41%**	**44.33%**	**48.13%**	**52.65%**	**56.90%**	**62.27%**	**67.09%**	**68.22%**	**69.11%**	**69.54%**	**75.76%**	**86.19%**	**95.96%**	**99.78%**
Actual Monthly Accomplishment							0.00%		1.19%	1.56%	2.08%	4.95%	1.60%	3.49%	3.02%	2.30%	3.61%	1.69%	0.95%	1.09%	2.31%	2.44%	4.39%	1.92%	3.80%	2.48%	0.82%									
Actual Cumulative Accomplishment							**0.00%**	**5.74%**	**6.93%**	**8.49%**	**10.57%**	**15.52%**	**17.12%**	**20.61%**	**23.63%**	**25.93%**	**29.54%**	**31.23%**	**32.18%**	**33.27%**	**35.58%**	**38.02%**	**42.41%**	**44.33%**	**48.13%**	**50.61%**	**51.43%**									
Slippage								0.00%	0.04%	0.07%	-0.07%	-0.04%	-0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-2.04%	-5.48%									
IPC NO.								IPC No.3 (2018.06)			IPC No.4 (2018.12)	IPC No.5 (2019.01)		IPC No.6 (2019.03)		IPC No.7 (2019.05)		IPC No.8 & 9 (2019.06)				IPC No.10 (2019.11)		IPC No.11 (2020.02)	IPC No.12 (2020.03)										
Cumulative Amount of IPC in BDT							-	##########	##########	##########	##########	##########	##########	1,067,646,614.97	1,067,646,614.97	1,753,353,371.36	1,753,353,371.36	2,698,548,481.01	2,698,548,481.01	2,698,548,481.01	2,698,548,481.01	2,945,821,214.60	2,945,821,214.60	3,230,166,005.18	3,412,443,659.98	3,412,443,659.98									
Current Amount of IPC in BDT							-	##########	-	-	##########	##########	-	441,633,749.60	-	685,706,756.39	-	945,195,109.65	-	-	-	-	247,272,733.59	-	284,344,790.58	182,277,654.80	-									
Cumulative IPC Percentage							**0%**	2.59%	2.59%	2.59%	5.08%	6.15%	6.15%	10.48%	10.48%	17.22%	17.22%	26.50%	26.50%	26.50%	26.50%	26.50%	28.93%	28.93%	31.72%	33.51%	33.51%									

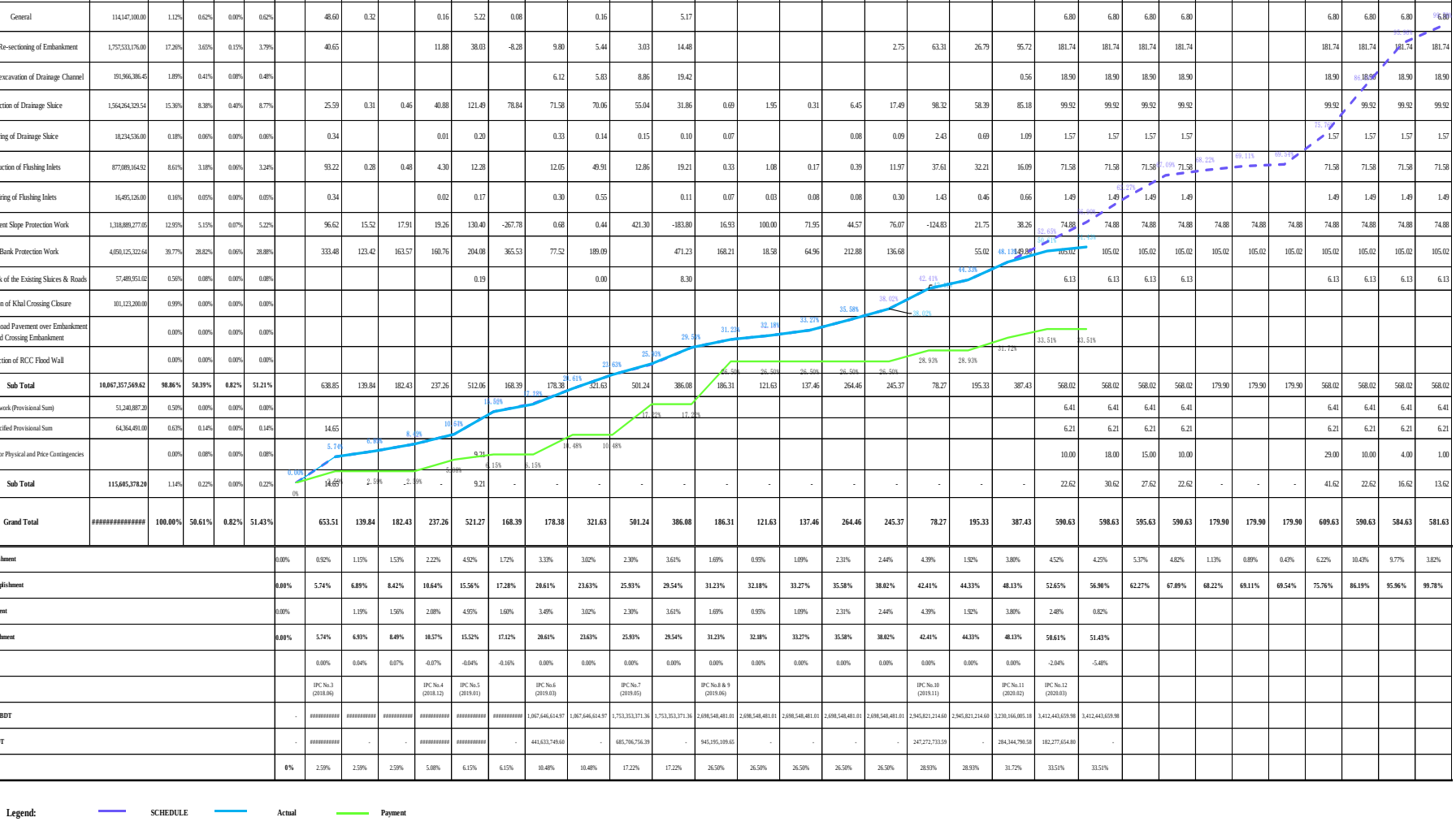

Figure 3-40: S-Curve for Package-2

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$ 16.02 Million and US$ 11.14 Million for Package-1 & Package-2 respectively considering extension of time up to June 2020 for Package-1 and completion time January 2021 of Package-2.

For Package-1 the S-curves is incorporated based on the approved revised work program of FY 2019-2020 & for Package-2 the S-Curve is also incorporated based on the revised work program of FY 2019-2020 and accordingly, the financial projection has been reflected in the MPR of April, 2020. The next IPCs are, however, expected by May, 2020 for both the packages.

3.6.2 Monthly Forecast of Payment of Package-W-2:

Table 3-60: Tentative forecast of Payment for FY 2019-2020 of Package-2

IPC No.	Month of Submission	Forecast Value of IPC	Remark
IPC No.10	Oct. 2019	247,272,733.59	IPC No. 10 was submitted by the Contractor with the value of BDT: 247,272,733.59 which was reviewed by the Engineer and submitted to the Employer on 05 November, 2019 with recommendation for payment.
IPC No.11	Dec. 2019	276,500,000.00	IPC No. 11 was submitted by the Contractor with the value of BDT: 284,344,790.58 which was reviewed by the Engineer and submitted to the Employer on 06 February, 2020 with recommendation for payment.
IPC No.12	Jan. 2020	395,000,000.00	No IPC was submitted in the month of January,2020
IPC No.13	Mar. 2020	474,000,000.00	IPC No. 12 was submitted by the Contractor with the value of BDT: 182,277,654.80 which was reviewed by the Engineer and submitted to the Employer on 07 March, 2020 with recommendation for payment
IPC No.14	Apr. 2020	1,264,000,000.00	No IPC was submitted in the month of April,2020
IPC No.15	May. 2020	553,000,000.00	
IPC No.16	June. 2020	632,000,000.00	
Total		**3,841,772,733.59**	

3.6.3 Modification No. 3 of Consultancy Contract

The Modification Contract No.03 of DDCS & PMS Consultants has been signed by the Project Director and the Consultants on 15th December,2019.

3.7 Consultant Inputs

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

Table 3-61: 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	
	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	
	Construction Resident Engineer - 1	Trevor Morish Hale	Trevor Morish Hale	
	Construction Resident Engineer - 2	Gerard Pichel	GM Akram Hossain	
	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	Md. Habibur Rahman	
	Deputy Resident Engineer - 1	Mazibur Rahman Khan	Mr. A.K.M. Sayeed Uddin	
	Deputy Resident Engineer - 2	Md. Gulzer Hossain	Mr. Mohammad Ali	
	Re-settlement Specialist/Sociologist	Kh. Khairul Matin	Md. Zainal Abedin	
	Design Engineer	Md. Anwar Hossain Bhuiyan	Md. Anwar Hossain Bhuiyan	
A. National Non-Key Staff	Geo-Technical Engineer	Md. Nurul Islam	Md. Nurul Islam	
	Design Engineer	Mr. Mahbubur Rahman	Mr. Mahbubur Rahman	
	Environmentalist	Sheikh Muhammad Abdur Rashid	Sheikh Muhammad Abdur Rashid	
	Sociologist/Resettlement Specialist	Md. Ferdous Rahman	Md. Ferdous Rahman	
	Geographical Information System Expert	Md. Monirul Haque	Md. Monirul Haque	
	Procurement Specialist	Md. Humayun Kabir	Md. Aminur Rahman	
	Senior Estimator - 1	Md. Ansar Ali Mia	Md. Ansar Ali Mia	
	Senior Estimator - 2	Md. Nazrul Islam	Md. Nazrul Islam	
	Survey Engineer - 1	Pankaj Kumar Moitra	Pankaj Kumar Moitra	
	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	N/A
	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	N/A
	Construction Supervision Engineer - 4	Abdul Jalil	AKM Mazibur Rahman	
	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	
	Environmental Specialist	Dr. Quazi Alamgir Kabir	Abu Bakr Siddique	
	Resettlement Specialist/Sociologist	Md. Mustafizur Rahman	Md. Mustafizur Rahman	N/A
	Land Acquisition Officer	Benu Gopal Dey	Kh. Mahabub Alam	
	Geo-Technical and Foundation Specialist	Mizanur Rahman	Ashraf Ul Abedin	N/A
	Mechanical Engineer - 1	Monojit Kumar Bagchi	Monojit Kumar Bagchi	N/A
	Mechanical Engineer - 2	Md. Rashidul Islam	Md. Rashidul Islam	
	Agronomist	Dr. Santosh Kumer Sarker	Dr. Santosh Kumer Sarker	N/A
	Fisheries Expert	Md. Mokammel Hossain	Md. Mokammel Hossain	N/A

Description of Staffs	Position	Original Staff	Current Staff	Remarks
	Senior Estimator - 2	Md. Nazrul Islam	Md. Nazrul Islam	N/A
	Economist	Md. Aminul Islam	Md. Aminul Islam	
	Construction Supervision Engineer - 5	Md. Sadiqul Islam	Md. Sadiqul Islam	
	Construction Supervision Engineer - 6	Md. Ghiasuddin Ahmad	Md. Ghiasuddin Ahmad	
	Quality Control Specialist - 3	Md. Ali Jinnah	Md. Ali Jinnah	
	Quality Control Specialist - 4	Md. Harun Ur Rashid	Md. Harun Ur Rashid	
A. Others Staffs	Field Engineer	Md. Hasibur Rahman	Md. Hasibur Rahman	
	Field Engineer	Md. Lakidul Islam	Md. Lakidul Islam	
	Field Engineer	Md. Samsul Alam -1	Md. Samsul Alam -1	
	Field Engineer	Md. Jamal Uddin	Md. Jamal Uddin	
	Field Engineer	Md. Sazzad Hossain	Md. Sazzad Hossain	
	Field Engineer	Tajuddin Ahmed	Tajuddin Ahmed	
	Field Engineer	S.M. Noor-A-Alom	S.M. Noor-A-Alom	
	Field Engineer	Khandaker Shamim Ahmed	Khandaker Shamim Ahmed	
	Field Engineer	Shakil Ahmed	Shakil Ahmed	
	Field Engineer	Md. Monirul Islam	Md. Monirul Islam	
	Field Engineer	Md. Shohel Rana	Md. Shohel Rana	
	Field Engineer	Md. Abdulla Al Mamun	Md. Abdulla Al Mamun	
	Field Engineer	Md. Mizanur Rahman	Md. Mizanur Rahman	
	Field Engineer	Joy Prokash Mondal	Joy Prokash Mondal	
	Field Engineer	Md. Mahadi Hasan	Md. Mahadi Hasan	
	Field Engineer	Md. Rakibul Islam Nahid	Md. Rakibul Islam Nahid	
	Field Engineer	Md. Rakibul Islam	Md. Rakibul Islam	
	Field Engineer	Shahidul Islam-1	Shahidul Islam-1	
	Field Engineer	Md. Lutfor Rahman	Md. Lutfor Rahman	
	Field Engineer	Md. Sumon Mia	Md. Sumon Mia	
	Field Engineer	Sufia Parvin	Sufia Parvin	
	Field Engineer	Zulfiqure Azeez	Zulfiqure Azeez	
	Field Engineer	Shahidul Islam-2	Shahidul Islam-2	
	Field Engineer	Kamrul Hasan	Kamrul Hasan	
	Field Engineer	Goutom Kumar Bosu	Goutom Kumar Bosu	
	Field Engineer	Md. Sajib Ahmed	Md. Sajib Ahmed	
	Office Manager	Md. Shahadat Hossain	Md. Shahadat Hossain	
	Office Manager (Khulna)	Jakir Hossen	Jakir Hossen	
	Office Manager (Patuakhali)	Mehede Hasan	Mehede Hasan	
	Accounts Officer	Md. Fazlul Karim Khan	Md. Fazlul Karim Khan	
	Accounts Officer	Md. Badarudduza	Md. Badarudduza	
	Office Secretary	Mahmuda Islam	Mahmuda Islam	
	Lab Technician	Md. Aminur Rahman	Md. Aminur Rahman	
	Lab Technician	Md. Kuddus Molla	Md. Kuddus Molla	
	Lab Technician	Lokshon Chandra Biswas	Md. Tuhin Miah	
	Computer Operator	Md. Abdulla Al Mamun	Md. Abdulla Al Mamun	
	Computer Operator	Md. Delowar Hossain	Md. Delowar Hossain	
	Computer Operator (Khulna)	Hosnewara Khatun	Hosnewara Khatun	
	Computer Operator	Md. Bellal Hossain	Md. Bellal Hossain	
	Computer Operator	Md. Jakaria Islam	Md. Jakaria Islam	
	Office Peon	Md. Jahangir Alam	Md. Jahangir Alam	
	Messenger	Sheikh Rabiul Islam	Sheikh Rabiul Islam	
	Chowkidar (Khulna)	Ariful Islam	Ariful Islam	
	Office Peon (Khulna)	Md. Sojib Hossen	Md. Sojib Hossen	
	Office Peon (Patuakhali)	Md. Rownaqul Islam	Md. Rownaqul Islam	
	Office Peon (Patuakhali)	Md. Babul Akhther	Md. Babul Akhther	
	Cleaner	Md. Shohidul Islam	Md. Shohidul Islam	

3.7.2 Monthly Forecast of Payment for DDCS & PMS Consultants:

Table 3-62: Tentative forecast of payment for DDCS & PMS Consultants

Invoice No.	Invoice Month	Submission Month	Projected Value of Invoice (BDT)/(EURO)	Actual Value of Invoice (BDT)/(EURO)	Remarks
Local Currency					
LC-28	July-August 19	September 19	24,720,100.00	37,300,999.18	
LC-29	September- October 19	November 19	16,000,000.00	21,506,237.37	
LC-30	November-December 19	January 20	15,000,000.00	19,736,470.06	
LC-31	January - February 20	March 20	16,000,000.00		
LC-32	March-April 20	May 20	15,000,000.00		
LC-33	May-June 20	June 20	15,000,000.00		
		Total	**101,720,100.00**		
Foreign Currency					
FC-28	July-August 19	September 19	50,000.00	24,002.59	
FC-29	September- October 19	November 19	121,000.00	60,375.90	
FC-30	November-December 19	January 20	125,000.00	199,141.45	
FC-31	January - February 20	March 20	120,000.00		
FC-32	March-April 20	May 20	120,000.00		
FC-33	May-June 20	June 20	100,000.00		
		Total	**636,000.00**		

3.7.3 Finance (Invoices) RHDHV/DDCS & PMS Consultants

Table 3-63: Overview of Consultants Invoices since Project Inception

Sl 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	0.00	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[1]	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

[1] Invoice no. 10 (Not full payment)

Sl No. of Invoices	Payment in EURO			Payment in BDT		
	Amount invoiced	Date submitted	Date paid	Amount invoiced	Date submitted	Date paid
Invoice No 14	51,073.50	3-May-17	18-06-17	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-Apri-18	30-Apr-18
Invoice No. 19	126,541.94	15-Apr-18	30-Apr-18	25067376.46	19-Apri-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-June-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
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
Total Amount Invoiced =	**2,656,568.46**			**683,291,519.88**		

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

Package-1

BoQ Item	Activitiy Name	Unit	Weightage	Weight (Partial)	Name of Work	Contract Quantity	Actual Quantity	Percentage Completed	Weighted Percentage	Achieved Weightage	Status as of April 2020	Cotract Value as per Variation No 3 (BDT)	Value of Work Executed (BDT)	Expenditure (BDT)	Projection (BDT)
BoQ No. 1	General Mobilisation		**7.52%**					90.00%	6.77%	6.772%	90.00%	**496,465,529.00**	**446,818,976.10**	**445,409,378**	**20,000,000**
BoQ No. 2	Embankment Construction/ Re-sectioning	Cum	**21.96%**			5,877,718	5,400,097	91.87%	20.175%	20.175%	91.87%	**1,448,823,605.00**	**1,331,092,781.74**	**1,003,833,830**	**496,262,140**
BoQ No. 3	Drainage Channel Excavation/ Re-excavation	Cum	**2.18%**			1,435,463.76	1,425,088.97	99.28%	2.17%	2.168%	99.28%	**144,057,665.00**	**143,016,491.17**	**105,805,180**	**81,576,154**
BoQ No. 4	Drainage Sluice Construction	No	**9.89%**							9.73%	98.31%	**668,068,356.80**	**657,068,269.55**	**560,429,660.69**	**170,000,000**
				0.47%	Casting Block size 40cm x 40cm x 20cm.	106,373	99,268	93.32%	0.434%			30,694,992.88	28,644,798.13		
				0.34%	Casting Block size 30cm x 30cm x 30cm.	90,898	54,158	59.58%	0.200%			22,142,752.80	13,192,860.30		
				9.09%	Other Drainage Sluices Construction Works	615,230,611.12	615,230,611	100.00%	9.091%			615,230,611.12	615,230,611.12		
BoQ No. 5	Drainage Sluice Repair	No	**0.13%**							0.12%	93.39%	**8,401,731.00**	**7,845,971.46**	**5,406,618.97**	**8,229,140**
				0.02%	Casting Block size 40cm x 40cm x 20cm.	3,747	3,497	93.32%	0.015%			1,081,234.32	1,009,016.00		
				0.02%	Casting Block size 30cm x 30cm x 30cm.	4,911	2,926	59.58%	0.011%			1,196,319.00	712,778.11		
				0.09%	Other Drainage Sluices Repair Works	6,124,178	6,124,178	100.00%	0.093%			6,124,177.68	6,124,177.36		
BoQ No. 6	Flushing Inlet Construction	No	**5.70%**							5.57%	97.72%	**378,908,707.59**	**370,338,264.85**	**247,532,200.54**	**196,668,139**
				0.25%	Casting Block size 40cm x 40cm x 20cm.	56,323	52,561	93.32%	0.230%			16,252,564.00	15,167,014.92		
				0.28%	Casting Block size 30cm x 30cm x 30cm.	76,019	45,293	59.58%	0.167%			18,518,228.00	11,033,334.34		
				5.17%	Other Flushing Inlets Construction Works	344,137,916	344,137,916	100.00%	5.170%			344,137,915.59	344,137,915.59		
BoQ No. 7	Flushing Inlet Repair	No	**1.25%**							1.18%	94.55%	**82,361,662.08**	**77,875,806.85**	**12,675,266.71**	**17,724,174**
				0.08%	Casting Block size 40cm x 40cm x 20cm.	17,425	16,261	93.32%	0.071%			5,028,158.00	4,692,314.85		
				0.13%	Casting Block size 30cm x 30cm x 30cm.	33,966	20,237	59.58%	0.075%			8,274,117.00	4,929,796.70		
				1.05%	Other Flushing Inlets Repair Works	69,059,386	68,253,694	98.83%	1.035%			69,059,387.08	68,253,695.30		
BoQ No. 8	Embankment Slope Protection Work	Km	**21.68%**							17.63%	81.30%	**1,430,472,110.00**	**1,162,977,902.86**	**1,086,747,031.80**	**689,628,687**
				6.08%	Casting Block size 40cm x 40cm x 40cm.	729,950	595,913	81.64%	4.960%			400,844,743.00	327,239,903.23		
				9.61%	Casting Block size 40cm x 40cm x 20cm.	2,310,203	1,751,597	75.82%	7.289%			634,312,437.71	480,935,959.13		
				1.52%	Casting Block size 40cm x 40cm x 30cm.	222,844	160,947	72.22%	1.101%			100,560,583.44	72,629,051.35		
				4.47%	Other Embankment Slope Works	294,754,346.00	282,172,989.29	95.73%	4.277%			294,754,345.85	282,172,989.15		
BoQ No. 9	River Bank Protection Work	Km	**22.72%**							20.13%	88.59%	**1,498,882,474.37**	**1,327,800,698.68**	**1,078,560,011.16**	**513,208,608**
				11.12%	Casting Block size 40cm x 40cm x 40cm.	1,335,844	1,090,551	81.64%	9.077%			733,565,236.88	598,864,825.66		
				1.17%	Casting Block size 40cm x 40cm x 20cm.	282,163	213,936	75.82%	0.890%			77,473,494.91	58,740,436.68		
				8.27%	Casting Block size 30cm x 30cm x 30cm.	2,110,963	2,110,807	99.99%	8.266%			545,430,610.37	545,390,303.09		
				0.03%	Casting Block size 40cm x 40cm x 30cm.	4,800	3,467	72.22%	0.024%			2,166,048.00	1,564,410.29		
				2.13%	Other Bank Protection Works	140,247,084.00	123,240,722.78	87.87%	1.868%			140,247,084.22	123,240,722.97		
BoQ No. 10	Dismantling Work	Km	**2.03%**			133,991,406	73,695,273.30	55.00%	1.117%	1.12%	55.00%	**133,991,406.00**	**73,695,273.30**	**13,716,350.86**	**20,000,000**
BoQ No. 11	Closure Dam Construction	Km	**2.77%**							2.39%	86.25%	**182,925,081.00**	**157,772,882.25**	**54,877,524.19**	**182,925,081**
				0.69%	Foundation Construction of the Closure	45,731,270	45,731,270.00	100.00%	0.693%			45,731,270.00	45,731,270.00		
				0.55%	Closing of the closure	36,585,016	36,585,016.00	100.00%	0.555%			36,585,016.00	36,585,016.00		
				1.52%	Final Protection Work of the Closure	100,608,795	75,456,596.25	75.00%	1.144%			100,608,795.00	75,456,596.25		
	Schedule of Day work		**0.36%**			23,712,392	18,993,034	80.10%	0.288%	0.29%	80.10%	**23,712,392.00**	**18,993,033.50**	**2,504,895**	**1,000,000**
	Environmental Mitigation Works		**0.91%**			60,200,000	56,491,360	93.84%	0.856%	0.86%	93.84%	**60,200,000.00**	**56,491,359.67**	**54,100,000.00**	**1,050,000**
	Emergency Works		**0.89%**			47,221,222	47,221,222	100.00%	0.893%	0.893%	100.00%	**47,221,222**	**47,221,221.61**	**45,631,033.72**	
	Physical and Price Contingencies		**0.00%**			241,086,859	304,075,783	126.13%	0.000%			**241,086,859**	**304,075,783.40**	**21,800,153.14**	**1,050,000**
	Temporary Savings		**0.00%**			111,842,485	-	0.00%	0.00%			**111,842,485**	**0.00**		
	Estimated Adjustment in VAT (BDT)											**85,164,872**			
	Estimated Adjustment in IT (BDT)											**189,384,811**			
			100.00%							89.00%	**89.00%**	**7,231,970,968.02**	**6,183,084,717.00**	**4,739,029,134.66**	**2,399,322,122**

Package-2

BoQ Item	Activitiy Name	Unit	Weightage	Weight (Partial)	Name of Work	Quantity as per VO No. 01	Actual Quantity of work executed	Percentage Completed	Weighted Percentage	Achieved Weightage	Status on April 2020	Value (BDT) as per VO No. 01	Cumulatative Value of Work Executed (BDT)	Cumulatative Expenditure (BDT)	Projection (BDT) during FY 2019-20
BoQ No. 1	General Mobilisation		**1.12%**					55.73%	0.62%	0.624%	55.73%	**114,147,100.00**	**63,611,301.59**	**60,852,363.51**	**12,442,500.00**
BoQ No. 2	Embankment Construction/ Re-sectioning	Cum	**17.25%**			7,028,144	1,546,182	22.00%	3.79%	3.794%	22.00%	**1,757,533,176.00**	**386,654,843.03**	**126,129,523.83**	**101,051,210.35**
BoQ No. 3	Drainage Channel Excavation/ Re-excavation	Cum	**1.88%**			1,196,248.73	307,073.99	25.67%	0.48%	0.484%	25.67%	**191,966,386.45**	**49,277,280.72**	**35,973,623.52**	**24,140,343.52**
BoQ No. 4	Drainage Sluice Construction	No	**15.35%**							8.771%	57.14%	**1,564,264,329.54**	**893,812,494.11**	**523,196,146.48**	**306,955,728.66**
				0.89%	Casting Block size 40cm x 40cm x 40cm.	90,872	44,029	48.45%	0.43%			90,450,353.92	43,824,371.82		
				0.42%	Casting Block size 30cm x 30cm x 30cm.	177,079	66,662	37.65%	0.16%			43,030,197.00	16,198,875.30		
				14.04%	Other Drainage Sluices Construction Works	1,430,783,779	833,789,247	58.28%	8.18%			1,430,783,778.62	833,789,246.99		
BoQ No. 5	Drainage Sluice Repair	No	**0.18%**							0.059%	33.01%	**18,234,536.00**	**6,019,315.70**	**0.00**	**18,358,481.30**
				0.03%	Casting Block size 40cm x 40cm x 20cm.	12,365	7,731	62.52%	0.02%			3,326,185.00	2,079,597.19		
				0.05%	Casting Block size 30cm x 30cm x 30cm.	20,000	7,529	37.65%	0.02%			4,860,000.00	1,829,564.80		
				0.10%	Other Drainage Sluices Repair Works	10,048,351	2,110,154	21.00%	0.02%			10,048,351.00	2,110,153.71		
BoQ No. 6	Flushing Inlet Construction	No	**8.61%**							3.240%	37.65%	**877,089,164.92**	**330,227,533.02**	**163,801,824.11**	**151,872,431.19**
				0.66%	Casting Block size 40cm x 40cm x 40cm.	67,196	32,557	48.45%	0.32%			66,884,210.56	32,406,269.14		
				0.28%	Casting Block size 30cm x 30cm x 30cm.	105,844	39,845	37.65%	0.11%			28,831,464.00	10,853,710.24		
				7.67%	Other Flushing Inlets Construction Works	781,373,490	286,967,554	36.73%	2.82%			781,373,490.36	286,967,553.64		
BoQ No. 7	Flushing Inlet Repair	No	**0.16%**							0.050%	30.85%	**16,495,126.00**	**5,089,084.25**	**739,790.12**	**18,078,404.24**
				0.02%	Casting Block size 40cm x 40cm x 20cm.	6,390	3,995	62.52%	0.01%			1,718,910.00	1,074,696.81		
				0.05%	Casting Block size 30cm x 30cm x 30cm.	21,000	7,906	37.65%	0.02%			5,103,000.00	1,921,043.04		
				0.09%	Other Flushing Inlets Repair Works	9,673,216	2,093,344	21.64%	0.02%			9,673,216.00	2,093,344.40		
BoQ No. 8	Embankment Slope Protection Work	Km	**12.94%**							5.217%	40.31%	**1,318,889,277.05**	**531,672,915.43**	**223,303,151.12**	**134,153,121.37**
				3.52%	i) CC Block: 40cm x 40cm x 30cm.	862,037	285,089	33.07%	1.16%			358,607,392.00	118,596,991.42		
				1.75%	ii) CC Block: 40cm x 40cm x 40cm.	321,340	233,132	72.55%	1.27%			178,665,040.00	129,621,427.52		
				1.68%	iv) CC Block: 60cm x 60cm x 40cm.	85,910	37,758	43.95%	0.74%			171,283,062.50	75,280,012.50		
				3.03%	v) CC Block: 60cm x 60cm x 60cm.	101,059	42,743	42.30%	1.28%			309,207,190.53	130,779,474.81		
				2.95%	Other Embankment Slope Works	301,126,592.02	77,395,009.18	25.70%	0.76%			301,126,592.02	77,395,009.18		
BoQ No. 9	River Bank Protection Work	Km	**39.74%**							28.883%	72.67%	**4,050,125,322.64**	**2,943,360,251.19**	**2,213,897,038.91**	**1,638,590,479.30**
				34.94%	Casting Block size 40cm x 40cm x 40cm.	6,403,498	4,645,736	72.55%	25.35%			3,560,345,080.96	2,583,029,180.48		
				0.72%	Casting Block size 40cm x 40cm x 30cm.	176,064	58,227	33.07%	0.24%			73,242,624.00	24,222,464.58		
				4.09%	Other Bank Protection Works	416,537,617.67	336,108,606.13	80.69%	3.30%			416,537,617.67	336,108,606.13		
BoQ No. 10	Dismantling Work of sluices and road	Km	**0.56%**							0.083%	14.76%	**57,489,951.02**	**8,487,726.05**	**7,604,418.10**	**0.00**
				0.369%	Dismantling Works of existing roads	37,628,302	4,515,396	12.00%	0.04%			37,628,301.90	4,515,396.23		
				0.195%	Dismantling Works of existing Sluices	19,861,649	3,972,330	20.00%	0.03898%			19,861,649.12	3,972,329.82		
BoQ No. 11	Construction of Khal Crossing Closures	Km	**0.99%**			8	-	0.00%	0.00%	0.000%	0.00%	**101,123,200.00**	**0.00**		**0.00**
BoQ No. 12	Construction of Road Pavement over Embankment	Km	**0.00%**			-	-	0.00%	0.00%	0.000%	0	**0.00**	**0.00**		**0.00**
BoQ No. 13	Construction of RCC Flood Wall	Km	**0.00%**			-	-	0.00%	0.00%	0.000%		**0.00**	**0.00**		**0.00**
	Schedule of Day work		**0.50%**			51,240,887	-	0.00%	0.00%	0.000%	0.00%	**51,240,887.20**	**0.00**		**4,500,000.00**
	Environmental Mitigation Works		**0.63%**			64,354,491	14,651,755	22.77%	0.14%	0.144%	22.77%	**64,364,491.00**	**14,654,031.73**	**2,215,292.67**	**1,500,000.00**
	Emergency Works (Charge to Physical Contingencies)		**0.08%**			9,212,768	9,212,768	100.00%	0.08%	0.077%	100.00%	**9,212,767.58**	**9,212,767.58**	**24,483,548.42**	
	Physical and Price Contigencies					490,787,232	-	0.00%	0.00%	0.000%		**490,787,232.42**	**0.00**	**0.00**	**5,000,000.00**
	Temporary Savings											**216,601,686.83**			
	Estimated Adjustment in VAT (BDT)											**243,531,659.13**		**63,075,220.98**	
	Estimated Adjustment in IT (BDT)											**344,772,983.21**		**119,202,433.82**	
	Total		**100.00%**							51.43%	**51.43%**	**11,487,869,276.99**	**5,242,079,544.40**	**3,564,474,375.59**	**2,416,642,699.92**

Annex 3: 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 2020 (As per approved extension of time)
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. Yang Dong; No sub-contractors; about 170 Chinese labor and skilled workers influx; 01 Indian workers; local labor and foremen about 600 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 sedimented 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 laborers mobilized onsite?	Yes, there are Migrant workers influx at Project area, relatively small numbers and scattered all over the many construction sites; foreign laborer's yes, only Chinese, around 200 persons including middle technicians and Master of Science level engineers; The mobilization of foreign worker started in November 2015 and on ward.
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 centers (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 translators; 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

2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS		
		to take proper action within appropriate time. 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, 294 local workers engaged for construction workers; P-33, 295 local workers; P-35/1, 591 local workers and P-35/3; 187 local workers. There are no women because, for heavy civil work women are not suitable. By negotiating Consultantsfixed the salary, so there is no unsatisfactory and no complain.
2.4	Frequency of outsider's visit	Chinese laborers 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 laborers 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 has 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 There is no issue at all, because the non-local workers are busy in day time 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 team work.
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	Work in gage 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	*Education*	*Skill*	*Experience*
		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. LOCAL COMMUNITY (Please provide Polder wise description of Facilities)		
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;

1. 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*
		610		0	610
6.2	Number of laborers by skill	*Skilled*	*Semi-skilled*	*Unskilled*	*Total*
		200	110	300	610

6.3	Number of laborers by origin	*Local (same or adjoining district)*	*Other districts*	*Other Country*	*Total* 610	
		420	190	0		
6.4	Number of laborers by age	*18-25*		*25-50*	*Above 50*	*Total*
		205		304	101	610
6.5	Source of labour	*Contractor*	*Subcontractor*	*Independent*	*Other*	*Total*
		610	0	0	0	610

	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 block	Almost within 100m
		4	*Temporary*	yard and every work site	
7.2	Type of housing in labour camp on leased land (temporary shelters / kuchha /pukka)	Work site have temporary shelter but cc block yard has pukka house			
7.3	Is there any housing on public land like road sides, 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 visits here for very short time. The local worker mostly lives with their family			
7.6	Likelihood of family members accompanying(visiting)	They hardly visit the project side. Laboure's 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 camp site?	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 in spected by al abour official since commencement of	Six times since commencement from WB. From the part of PMU and BEDB, visited the woks site frequently, as per the need basis.			

	work?	
8.3	What documents were in spected 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. Consultantswill ensure it in work site.
8.5	What directions were given by labour officials?	About personal health and safety
8.6	What are the directions? Mode of compliance with such	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 kilometers, alert by mobile hand 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 the/she to Khulna or Dhaka.
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	Chinese Contractor holds regular drills on procedures and protocols to enact in case of

	9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities)	
	procedures?	accidents
9.10	What is your familiarity with police reporting procedures?	Consultantsare well familiar to local police reporting system and Consultantshave 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 work place Sexual Harassment of Women at the project sites?	Yes (sanctions are known to Chinese workers and their bosses). Mechanism is there. Consultantshave 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

	2. 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	12th July, 2017
1.4	Date of Completion	11th January, 2021
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/+8801917264485
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)	1. Upgrading via new construction and re-sectioning of embankments with a length of about 209km; 2. Excavation and re-excavation of drainage channels in the Polders with a total length of about 188km; 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 5.4 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. Construction duration: 42 months

3. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS		
2.1	Will the project potentially involves 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

4. 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

5. 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	*Education*	*Skill*	*Experience*
		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		

	6. 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

7. 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*
		568	5		573
6.2	Number of laborers by skill	*Skilled*	*Semi-skilled*	*Unskilled*	*Total*
		150	171	252	573
6.3	Number of laborers by origin	*Local (same or adjoining district)*	*Other districts*	*Other Country*	*Total*
		490	83	0	573
6.4	Number of laborers by age	*18-25*	*25-50*	*Above 50*	*Total*
		178	385	10	573
6.5	Source of labour	*Contractor*	*Subcontractor*	*Independent*	*Other*	*Total*
		573			0	573

	8. 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

	9. 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

	10. 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: Bandarie 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, Disppensary 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 log book 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/DPP

Results Framework and Monitoring

Project Development Objectives															
Indicator Name	**Core**	**Unit of Measure**	**Base line**	**Cumulative Target Values**								**Data Source/**		**Responsible for**	**Remarks**
				YR1 14/15	**YR2 15/16**	**YR3 16/17**	**YR4 17/18**	**YR5 18/19**	**YR6 19/20**	**YR7 20/21**	**End Target**	**Frequency**	**Meth.**	**Data Collection**	
Gross area protected		1000 x ha	-	-	-	-	36.5	67.7	77.9	100.8	100.8	Annual	BWDB	M&E	
Achievement				-	-	-									
Direct project beneficiaries from increased resilience to climate change (number) of which female (percentage) %	**X**	1000 x person	0	0	0	0	230	480	530	760	760 (50%)	Annual	BWDB	M&E	
Achievement				0	0	0									
Increase cropping intensity		(%)	140	-	-	-	155	167	171	180	180	Annual	BWDB	M&E	
Achievement				-	-	-									
Contingent Emergency Appropriation		Triggered, if requested [Y/N]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BWDB	NA	
Achievement				NA	NA	NA									

Intermediate Results Indicators															
Indicator Name	**Core**	**Unit of Measure**	**Base line**	**Cumulative Target Values**								**Frequency**	**Data Source / Meth.**	**Responsible for Data Collection**	**Remarks**
				YR1 14/15	**YR2 15/16**	**YR3 16/17**	**YR4 17/18**	**YR5 18/19**	**YR6 19/20**	**YR7 20/21**	**End Target**				
Length of upgraded embankment		km	0	-	20	121	309	452	551	623	623	Annual	BWDB	M&E	
Achievement				-	0.8	27.9	63.55	164.98	190.614						45.841 km are in progress
Drainage structures replaced and upgraded		No.	-	-	3	23	59	89	113	129	129	Annual	BWDB	M&E	
Achievement				-	0		20	34	38						35 nos. are in progress
Regulators upgraded		No.	-	-	4	28	73	106	123	134	134	Annual	BWDB	M&E	
Achievement				-	0	0									
Flushing inlets upgraded		No.	0	-	9	52	127	178	214	244	244	Annual	BWDB	M&E	
Achievement				-	0		15	23	29						21 nos. are in progress.
Length of Drainage Channels upgraded		Km	0	-	27	157	381	540	681	794	794	Annual	BWDB	M&E	
Achievement				-	0	11	28.80	134.84	139.976						
Area restored re/afforested	X	ha	-	-	-	-	-	100	200	300	300	Annual	BWDB	M&E	
Achievement				-	-	-									

Indicator Name	Core	Unit of Measure	Base line	Cumulative Target Values								Frequency	Data Source/ Meth.	Responsible for Data Collection	Remarks
				YR1 14/15	YR2 15/16	YR3 16/17	YR4 17/18	YR5 18/19	YR6 19/20	YR7 20/21	End Target				
Water Management Organization (WMO)		No.	0	-	-	-	1	2	3	4	4	Annual	BWDB	M&E/NGO	
Achievement				-	-	-									
Improved coastal monitoring		Studies	Limited data					1		2	2	Annual	BWDB	M&E	
Achievement		-	-												
BWDB days of training provided	**X**	No.	0	20	40	60	80	100	120	140	160	Annual	BWDB		Project total needs to be 140 (or PY7 should be 160).
Achievement				33 (341)	33 (341)	33 (341									Reported duration in days (plus per-day)
Client days of training provided - Female	**X**	No.	0								60	Annual	BWDB		
Achievement				33 (66)	33 (66)	33 (66)									Reported duration in days (plus per-day)
Grievance Redress Committee (GRC)		No.	0		4		10 (36)	13	17			Annual	BWDB	M&E/NGO	GRC have been formed in all 10 Polders under Package 1& 2
Achievement					4 (15 GRC)	4 (15 GRC)	10 (36 GRC)	10 (36 GRC)	10 (36 GRC)						GRC formation undertaken for all polders of Package 01. Total 167 complaints / grievances have received by GRC upto April 2020. Out of 167 complaints /grievances 42 complaints have been resolved at the entry level and 114 cases have resolved through investigations and formal hearing by GRC) and the rest 11 cases have been trying to resolve in the entry level by the GRC. A total number of 45 grievances have been received at package-2 up to April 2020 by GRC. 28 cases of them have been resolved in the entry level by the field investigation and 20 cases are under process for investigation and formal hearing by GRC.