



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



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

**Progress Report No. 63
Month of July 2020**

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Abbreviations and Acronyms

| | |
|----------|---|
| ARIPO | Acquisition and Requisition of Immovable Property Ordinance |
| BADC | Bangladesh Agriculture Development Corporation |
| BARI | Bangladesh Agriculture Research Institute |
| BBS | Bangladesh Bureau of Statistics |
| BIWTA | Bangladesh Inland Water Transport Authority |
| BoQ | Bill of Quantities |
| BRRRI | Bangladesh Rice Research Institute |
| BTM | Bangladesh Transverse Mercator |
| BWDB | Bangladesh Water Development Board |
| BM | 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 <i>Extension</i> |
| DC | Deputy Commissioner |
| DDCS&PMS | Detailed Design Construction Supervision and Project Management Support (RHDHV) |
| DEM | Digital Elevation Model |
| DevCon | DevConsultants Ltd. Bangladesh Consultants |
| DHI | Danish Hydraulic Institute, Denmark |
| DLR | Director Land Records |
| DoE | Department of Environment |
| DoF | Department of Fisheries |
| DPM | Design Planning & Management Consultants |
| EAP | Environmental Action Plan |
| ECRRP | Emergency Cyclone Recovery and Restoration Project |
| EDP | Estuary Development Program |
| EHS | Environmental Health and Safety |
| EIA | Environmental Impact Assessment |
| EMA | External Monitoring Agency |
| EMP | Environmental Management Plan |

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

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

1. Executive Summary

1.1 General

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

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 became abnormal due to pandemic of Corona Virus and with the aim to restrict the spread of this virus, the Government of Bangladesh issued notifications to limit any gathering and advised to stay at home. The Government at that time also declared public holidays from 25th March 2020 to 31st May 2020. The Government thereafter issued an order to open the offices from 1st June 2020 with the directives to maintain social distancing and appropriate health safety measures during work in the offices. The progress of work is nominal due to the ongoing monsoon and the impact of the pandemic of Corona Virus in the month of July, 2020.

1.2.1 Package W/01 implementation

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

1. The physical progress up to July, 2020 is 89.96%. The percentage of revised target of Progress up to July, 2020 is not yet fixed as after expiry of the extended contract period further extension of time is still under process. The full monsoon is ongoing and on the other hand 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 protect the embankment from breaching and also to protect the completed works from damaging during monsoon. At the same time, the Engineer is advising the Contractor to conduct preparatory activities to commence immediately once the monsoon is over;
2. The Contract was extended up to 30th June 2020 but due to land acquisition problem in few sections of the Contract area and the pandemic of Corona Virus the Contractor could not complete all the works within the extended time. The Contractor has submitted a Claim for Extension of Time with detailed report and supporting documents. The Claim for Extension of Time has been evaluated by the Engineer and submitted the Claim evaluation report on 27th July, 2020 to the PMU office. Next to the above, considering the pandemic of Corona Virus, the Government of Bangladesh has issued a circular for one-year extension of all the projects. Accordingly, necessary action has been taken by the Engineer for formal approval of one-year extension of this Contract by the Employer and that is under process;
3. Contractor has completed 38 nos. Drainage Sluices and 29 nos. Flushing Sluices up to July, 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;

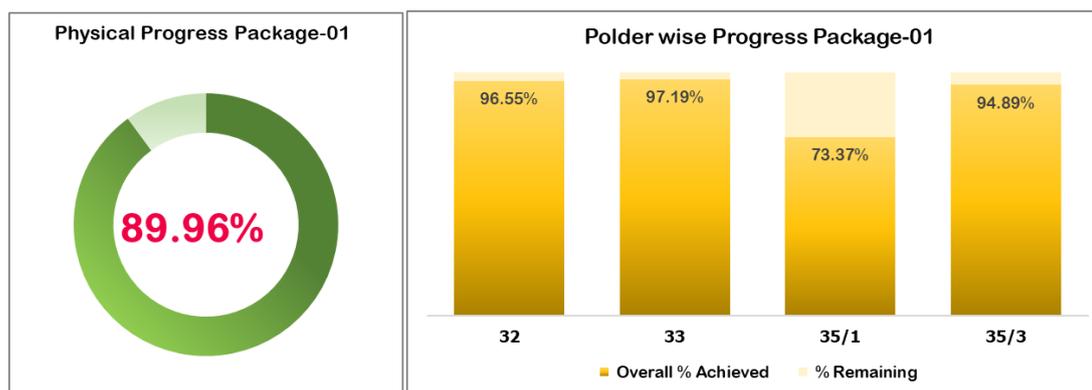


Figure 1-1: Polder Wise Progress of Package-1

- 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 have been completed as per design of the closure. The overall progress of finalising the Nalian Closure dam is satisfactory but very minor works of Nalian Closure are yet to be completed;
- 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; The Agreement of the Modified Contract No.01 of this Contract has been signed between the Employer and the Contractor on 9th January 2020;
- 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.

1.2.2 Package-2 implementation

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

- The physical progress up to July, 2020 is 52.68% against the target of 68.44% as per Revised Work Program as submitted by the Contractor in February, 2020;
- The performance of the Contractor during the first dry season (FY 2017-18) 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 but the follow-up was lacking however, during the 2nd dry season the progress was satisfactory;
- The Contractor has tried to increase the rate of progress during the 3rd dry season but the Zero Cost Variation up to Variation Order No. 01 submitted to PMU vide Engineers reference no. RDCOR_BC5883-100_L002503_JHL_MAR dated: 04 March, 2020 was delayed to approve by the competent authority due to the Pandemic of Corona Virus, for which they did not get the payment of some items of works which had exceeded the BOQ and for some new items of works. As such, they faced cash flow constrains. However, the Competent Authority has approved the Zero Cost Variation (up to Variation Order No.01) of this contract and the Agreement of Modified Contract No.01 has been signed between the Employer and the Contractor on 14th June, 2020 and the payment of the pending executed works has been made;

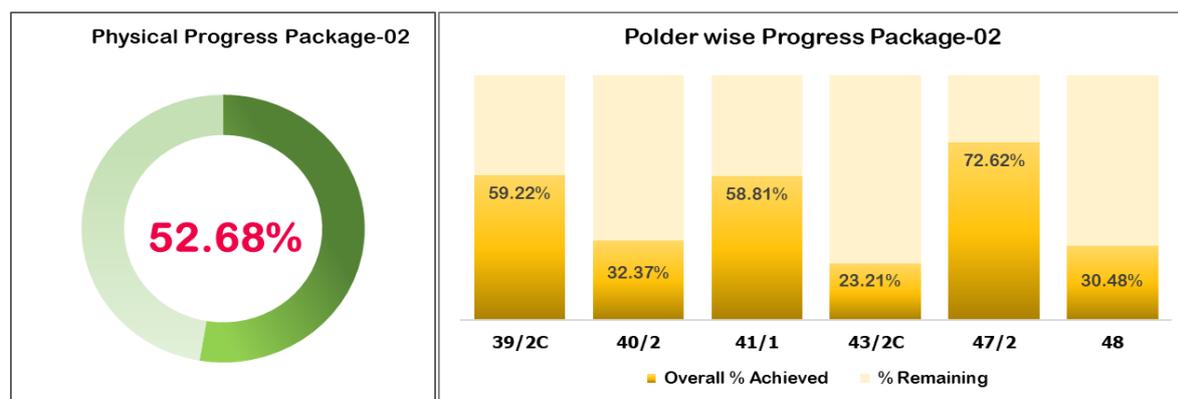


Figure 1-2: Polder wise Progress of Package-2

- 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;
- 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 68.44% of the Physical Work by July, 2020 and the actual progress achieved is 52.68% which indicates that there is 15.76% lagging up to July, 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 as mentioned above and also for ongoing full monsoon. Till then the Engineer is using the Contractor to speed up the progress of the Emergency Works to protect the breaching of the embankment during this monsoon period; The Contractor has submitted a Claim for Extension of Time with detailed report and supporting documents up to June 2022. The Claim for Extension of Time is under evaluation by the Engineer;

1.3 Other tasks of Consultants

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

- 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 was already reviewed and cleared by the IPOE and was sent to the World Bank through the PD. In accordance with the EIA 14/1 the EIA of Polder-15, Polder-16 and Polder-17/1 were sent to the PD PMU on 24 June, 2020 for their review and thereafter onward transmission to the World Bank. The remaining EIA of 3 Polders (Polder-34/3, Polder-17/2 and Polder-23 under Package-3 will be completed in accordance with EIA of Polder-14/1 and will be sent to the PD PMU for onward transmission to the World Bank after their review;
- Activities also involved the development of a Web based system for tracking of land acquisition, GRM and various video call meetings were conducted to this end with World Bank and the Project Director;
- The Consultants supported the PMU with various reports and recommendations and attended various video call meetings with World Bank and other stakeholders.

1.4 Key challenges and risks and recommendations

1.4.1 Key challenges and risks

The key challenges and risks are listed below:

1. The weather conditions in July, 2020 were not 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 July, 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 and Contractor how to deal with Corona virus and provided guidance and mouth caps. Non-essential travelling is being highly discouraged.

1.4.2 Recommendations

The following recommendations are being furnished:

- When there would be a land availability issue, joint efforts of Contractors, Engineer and Employer should be enhanced to solve issues at stake. It is highly appreciated that the Employer plays a vital role here and increased efforts should continue; rooms for improvement are less reporting and more resolving on the spot;
- In view of the delays, Engineer will continue pushing the Contractors and making them aware of their contractual obligations.

1.5 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 be noted that all the Govt. Offices were opened from 31-05-2020 after two months. But the Govt. has restricted in office work due to COVID-19. The officials are working in rotation systems for which progress of land acquisition and resettlement activities are slow. |

2.1 Package-1

| No. | Item | Key Achievements during the month – Package-1 |
|-----|--|---|
| 1 | Surveys and Design | Survey & designs for Emergency works in Polder-32 have been prepared and approved by the Team Leader. These are now under implementation after review by the XEN, CEIP-1 Khulna. |
| 2 | Works | <ul style="list-style-type: none"> ➤ Construction / Re-Sectioning of Embankment: 0.00 Km (Full) & 19.517 Km (Part); ➤ Excavation / Re-Excavation of Drainage Channel: 0.002 Km; ➤ Construction of Drainage Sluice: 38 nos. Completed; ➤ Repair of Drainage Sluice: 2 nos. completed; ➤ Construction of Flushing Inlet: 29 nos. Completed; ➤ Repair of Flushing Inlet: 13 nos. completed & 1 no. in progress; ➤ Embankment Slope Protection Works: 0.200 Km; ➤ River Bank Protection Works: 0.00 Km; ➤ Nalian Closure Dam: Overall Physical progress 98.35%. |
| 3 | Contractor Resources | Updated by Contractor Package-1 in terms of labour and equipment. |
| 4 | RAP and status of resettlement Payment | <ul style="list-style-type: none"> • 6,127 entities (residential HHs, commercial premises and common property structures) were identified during updating of Inventory of Losses (IoL) in July-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 July 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) including 54 nos. wage labours 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 July 2020. The payment of benefit for 83 wage labours and 174 tenants has been finalized after verification which will be paid in August, 2020. |
| 5 | LAP | <ul style="list-style-type: none"> • 132.43 Ha land was programmed for Land Acquisition (LA) in four Polders. • Possession received a total of 119.91 ha and total of 12.52 ha lands are yet to be received are pending for procession (0.58 ha for Polder no. 32, 11.26 ha of Polder 35/1 against Four mouzas: (Kumarkhali-1.76 ha. Rayenda-2.57 ha, Sharankhola Mouza-6.93 ha) and 0.68 ha |

| No. | Item | Key Achievements during the month – Package-1 |
|-----|-----------------------------|---|
| | | <p>land for Polder 35/3.</p> <ul style="list-style-type: none"> 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 for (Saronkhola mouza-6.93 ha, Kumarkhali-1.62 ha & Rayenda-2.57 ha,) as per LA Act. 2017. DC, Bagerhat has sent to MoL for final approval of 6.93 ha. land of Saronkhola Mouza on 09 July 2020. Remaining - 0.14 ha. Kumarkhali Mouza which is Waiting for reconnaissance field visit. DLAC has approved (0.68 ha) land for acquisition under Polder 35/3 on 30 January 2020 for acquisition. Issuance of notices U/S-4 has been served on 18 March 2020 and which is waiting for joint verification survey (JVS). Reconnaissance field visit complete (on 22 July 2020) for 0.58 ha land of Polder-32 and waiting for DLAC. As of July 2020, DC office Khulna & Bagerhat has paid a total BDT 6,895.07 lac against 2,833 nos. of awardees among Titled EPs (829 nos. of Polder-32, 406 nos. of Polder-33, 1054 nos. of Polder-35/1, 431 nos. of Polder-35/3 & 113 nos. of Newly Land acquisition at Banishanta mouza at Polder-33). 39 Eps have been paid CUL in July 2020. |
| 6 | Relocation | About 98.69% of paid EPs have already relocated. 53.23% EPs have relocated on their own land; 11.24% on newly purchased land; 17.17% EP has replaced to their relatives or others' land; 12.46% have relocated temporarily at nearby area; about 1.31% of the paid EPs are yet to be relocated from the ROW. About 1.09% & 2.17% have relocated respectively in Market & Group Relocation. |
| 7 | Grievances | 170 complaints/grievances have received up to July 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 & 14 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. |
| 8 | 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. |
| 9 | Value of Physical Work Done | The total value of physical work done up to July, 2020 is BDT 6,257.48 million and during July, 2020 is BDT 7.67 million. |
| 10 | Finance | Total expenditure incurred up to IPC-23 is BDT 5,884.53 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. |
| 11 | 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:26-12-2019. The Agreement of the Modified Contract No.01 of this Contract has been signed between the Employer and the Contractor on 9 th January 2020; |

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 | <ul style="list-style-type: none"> ➤ Construction / Re-sectioning of Embankment: 0.00 Km (F) & 21.124 Km (Partially); ➤ Drainage Channel Excavation/Re-excavation: 0.00 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: 0.00 km completed. |
| 4 | RAP and status of resettlement Payment | <ul style="list-style-type: none"> • 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 July 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. The payment of compensation / resettlement assistance for 90 squatters (88 in Polder-40/2 & 02 in Polder-48) is finalized which will be paid in August, 2020. |
| 5 | Preparation of LAP | <ul style="list-style-type: none"> • 163.79 ha. land was Programmed for Land Acquisition (LA) in six Polders of Package-2. • The lands Acquisition Proposal (LAP) for six Polders under Package -2 were submitted to concern DC (Pirojpur, Jhalokhathi, Barguna and Patuakhali) for acquisition. • 139.49 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 final estimated of CUL to DC, Barguna for Polder-40/2 and Polder-41/1, DC, Pirojpur & Jhalokhathi for 39/2C, & DC, Patuakhali for Polder-47/2 & 48. • Possession received a total of 70.40 ha land in Polder 39/2C- 49.67 ha, in 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 has been served for all mouzas (Pirojpur district total mouzas 22) under Pirojpur district. Notices U/S-7 served for 4 mouzas under Jhalokhathi district and 1 mouza (Banai mauza) is waiting. Fund placed against final estimate to DC Pirojpur for 105.91 ha and DC, Jhalokhathi 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. 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. D.C has cancelled all LA cases and sent to BWDB to prepared & submit one proposal against 10 mouzas. BWDB has |

| No. | Item | Key Achievements during the month – Package-2 |
|-----|-----------------------------|---|
| | | <p>finalized the proposal which will be submitted to DC very soon. The total area of Polder 43/2C becomes 23.20 ha.</p> <ul style="list-style-type: none"> • Payment of CUL has been started in Polder-39/2C, Polder-40/2, 41/1 & 48 and paid BDT 1413.89 Lac to 734 Awardees. |
| 6 | Relocation | <ul style="list-style-type: none"> • 44.78% EPs have relocated on their own land; 9.73% on newly purchased land; 14.77% EPs have relocated to relative's or others' land; 17.38% have relocated temporarily at nearby area. 4.69% made group relocation. |
| 7 | GRC & FGD | <ul style="list-style-type: none"> • A total number of 45 complaints/grievances have been received up to July 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 | <p>The Contractor is carrying out the EHS compliances, which is improving with time through monitoring and learning. They are improving the EHS compliance in the light of the latest field visit of the World Bank Senior Environmental Specialist. They are also involved in translation of approved EHS risk assessment and C-ESMP into Bangla and Chinese languages for easy understanding for implementation.</p> |
| 9 | Value of Physical Work Done | <p>The total value of physical work done up to July, 2020 is BDT 5,602.85 million and during July, 2020 is BDT 287.76 million.</p> |
| 10 | Finance | <p>Total expenditure incurred up to IPC-14 is BDT 5,052.72 million including Adjustment for Changes in Legislation (VAT & IT) & Adjustment for Changes in Cost. An amount of BDT 278.12 million has been recovered against the advance payment of BDT 1,028.40 million.</p> |
| 11 | Contract Administration | <p>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 Competent Authority has approved the Zero Cost Variation (up to Variation Order No.01) of this Contract and the Agreement of Modified Contract No.01 has been signed between the Employer and the Contractor on 14th July, 2020;</p> <p>The Variation Order No.03 for construction of Rest House cum Office Building at Bhandaria was submitted to the PMU vide Engineer's letter RDCOR_BC5883-100_L002332_DJK_MAR dated: 24th October, 2019 but that was returned back with some observations vide PD's Memo No. CEIP-1/W-02/1295 dated: 31st October, 2019. As per observations the Variation Order No.03 has been re-casted and submitted to the PMU vide Engineer's letter RDCOR_BC5883-100_L002586_JHL_MAR dated: 28th May, 2020 in the name of Variation Order No.02.</p> |

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 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 32 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: 17 th October, 2019. |
| 3 | RAP | The original RAP was prepared based on original LAP. Meanwhile, the crest width of the embankment has been increased by BWDB from 4.50 to 6.00 m based on which the LAP is being updated. Hence, the original RAP has also to be updated based on updated LAP. Following the updated LAP, the LAP/RAP team has to revise the Households (HHs) numbering and Inventory of Losses (IoL) survey in all 7 Polders under Package-3 of CEIP-1. |
| 4 | LAP | The draft LAP was prepared for all Polders, but as per latest decision, the LAP has to be revised based on revised crest width of embankment 6.00m 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 which has reviewed by the IPOE and was sent to the World Bank. The EIA of Polder-15,16 and 17/1 have also been reviewed by the Consultants and sent to the PMU on 24 th June,2020 for review and thereafter onward transmission to the World Bank. |

2.4 DDCS & PMS Consultancy Services

| No. | Item | Key Achievements upto this Month - Consultant |
|-----|--|---|
| 1 | Construction Supervision Systems/Tools | Package-1 physical progress is 89.96% (4 Polders). Package-2 physical progress is 52.68% (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 | : 25 th May,2015 |
| Notice of award | : 21 st September, 2015 |
| Signing of Contract | : 1 st November, 2015 |
| Commencement of Works | : 26 th January,2016 |
| Original Target for completion | : 25 th January, 2019 |
| Revised Target for completion | : Polder-32 & 35/1: 30 th June, 2021 Polder-33: 30 th June, 2021 Polder-35/3: 30 th June, 2021 |
| 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 July-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 July 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 July 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 list of tenant and wage labour has been finalized after verification. The resettlement assistance will be paid to the 174 nos. tenants and 83 nos. wage labours in August, 2020. The total payment of resettlement benefit is **BDT 6036.39 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 July, 2020

| Polder | Non-titled EP's (Squatters) | | | Paid Non-titled EP's (Squatters) | | | Total Tenants | Paid Tenant | Total Wage Labourers | Paid wage labor | Total Entities | Total Paid Entities | Amount paid in BDT (Lac) |
|---|-----------------------------|------------------------|-------------------|----------------------------------|------------------------|------------------------|---------------|-------------|----------------------|-----------------|----------------|---------------------|--------------------------|
| | Residence (Squatters) | Commercial (Squatters) | Total (Squatters) | Residence (Squatters) | Commercial (Squatters) | Total Paid (Squatters) | | | | | | | |
| 1 | 2 | 3 | 4=(2+3) | 5 | 6 | 7=(5+6) | 8 | 9 | 10 | 11 | 12=(4+8+10) | (7+9+11)=13 | 14 |
| 32 | 872 | 391 | 1263 | 872 | 387 | 1259 | 86 | 0 | 23 | 0 | 1,372 | 1,259 | 1,588.13 |
| 33 | 871 | 599 | 1470 | 871 | 339 | 1210 | 157 | 0 | 75 | 0 | 1,702 | 1,210 | 1,741.26 |
| 35/1 | 905 | 719 | 1624 | 905 | 363 | 1268 | 196 | 0 | 171 | 54 | 1,991 | 1,322 | 2,257.97 |
| 35/3 | 152 | 136 | 288 | 152 | 111 | 263 | 9 | 0 | 11 | 0 | 308 | 263 | 397 |
| Total | 2800 | 1845 | 4645 | 2800 | 1200 | 4000 | 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 | 22.2 |
| Grand Total= | | | | | | | | | | | | 4,148 | 6,036.39 |

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 **6,895.07** lac against **2,833** nos. of awardees among Titled EPs (829 nos. of Polder-32, 406 nos. of Polder-33, 1054 nos. of Polder-35/1, 431 nos. of Polder-35/3 & 113 nos. of Newly Land acquisition at Banishanta mouza at Polder-33). **39** nos. of EPs have been paid under the **CUL has been made in July 2020**. As the continuous process BWDB and the social team is keeping contract with the concern DC office for expediting the CUL payment. The progress of payment of compensation under law (CUL) is shown below.

Table 3-2: Polder- wise payment of CUL made by DCs Khulna & Bagerhat till July 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 | 3003 | 2086 | 1,615.37 | 829 | 488 | 1168.65 | 72.35 |
| 33 | 2066 | 1317 | 770.04 | 406 | 207 | 600.12 | 77.93 |
| 35/1 | 1087 | 1087 | 4,525.92 | 1054 | 877 | 3552.74 | 78.50 |
| 35/3 | 489 | 489 | 1,510.51 | 431 | 340 | 1111.29 | 73.57 |
| Total (Except Banishanta)=A | 6645 | 4979 | 8421.84 | 2720 | 1912 | 6432.8 | 76.38 |
| Newly Land acquisition at Banishanta mouza at Polder 33 =B | 142 | 110 | 903.66 | 113 | 69 | 462.27 | 51.16 |
| Grand Total(A+B)= | 6787 | 5089 | 9325.50 | 2833 | 1981 | 6895.07 | 73.97 |

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 have been showing different opinions for individual relocation instead of group relocation. **The progress has shown that a total 3947 have relocated till July 2020.** The total 53 nos. EPs have not been relocated yet in Polder 33 situated in Laodobe Bazar. Concerned PRAC is looking for a suitable place to improve the market relocation. The social team is trying to arrange group relocation.

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

| Status of relocation | Number of squatters relocated by Polders | | | | | Progress (in %) |
|---|--|--------------|--------------|-------------|--------------|-----------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total | |
| Relocated on own land | 674 | 722 | 629 | 133 | 2,158 | 53.23 |
| Relocated on purchased land | 97 | 42 | 272 | 45 | 456 | 11.24 |
| Relocated on relative & other's land | 245 | 173 | 213 | 65 | 696 | 17.17 |
| Relocated Temporarily at nearby area (Govt. Land) | 208 | 190 | 104 | 3 | 505 | 12.46 |
| Group Relocation | 29 | 30 | 29 | 0 | 88 | 2.17 |
| Market Relocation | 6 | 0 | 21 | 17 | 44 | 1.09 |
| Total Relocated-A | 1,259 | 1,157 | 1,268 | 263 | 3,947 | 97.36 |
| Not yet relocated | 0 | 53 | 0 | 0 | 53 | 1.31 |
| Not yet relocated (Wage Labour) | 0 | 0 | 54 | 0 | 54 | 1.33 |
| Total Relocation-B | 0 | 53 | 54 | 0 | 107 | 2.64 |
| Total Relocation target (A+B) = | 1,259 | 1,210 | 1,322 | 263 | 4,054 | 100 |

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 **170 complaints/grievances** have been received up to July 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 **14** 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 | 58 | 19 | 29 | 10 |
| 2 | Khulna | 33 | 15 | 8 | 6 | 1 |
| 3 | Bagerhat | 35/1 | 28 | 8 | 19 | 1 |
| 4 | Bagerhat | 35/3 | 69 | 7 | 60 | 2 |
| Total = | | | 170 | 42 | 114 | 14 |

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 for Polder-32 against one mouza (0.58 ha), and Bagerhat for Polder 35/1 against three mouza -11.26 ha of land (Kumarkhali 1.76 ha. Rayenda-2.57 ha. Sharankhola Mouza-6.93 ha) & Polder-35/3 against one mouza (0.68 ha) land. A total of 12.52 ha lands are pending. In Polder no. 32 – 0.58ha land which is waiting for approval of DLAC from DC office Khulna. Notice U/S-4 has been served of Sharankhola Mouza under Polder-35/1 and Bagerhat DC office send to MoL for final approval on 09 May 2020. Reaming two mouzas under Polder-35/1 (Rayenda-2.57 & Kumarkhali-1.62) are waiting for JVS after serving notices U/S-4 and another 0.14ha land which waiting for reconnaissance field visit by the committee. In Polder-35/3 one mouza (Boro Bashbaria) 0.68ha of land which notice U/S-4 has been served on 18 March 2020. 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 (Pirojpur, 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 & Jhalokathi for 39/2C, DC, Patuakhali for Polder-47/2 & 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, Sohoririrchar). 4 (Four) of those have been sent to the MoL for final approval. But MoL has approved one case (0.06ha land) remaining all Land acquisition proposals has been sent back to BWDB through 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. Which will be submitted very soon for river erosion the alignment to be changed finally the total area of Polder 43/2C becomes 23.20 ha. of land. For Polder-39/2C, Notices U/S-7 has been served for all mouzas (total 22 mouzas) under Pirojpur district and CUL payment is ongoing. Issuance of notices U/S-7 served for four mouzas out of five, remaining one is 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 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | 32 | Khulna | 51.23 | 51.23 | 50.65 | 50.65 | 50.65 (26.09.17) | 0.58 | - | 1615.37 | 1,168.65 (72.35%) | Reconnaissance field visit has been completed for 0.58ha land & which waiting for approval of DLAC. Persuasion is ongoing on APs & DC's office to expedite the CUL payment. |
| 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) | - | - | 903.66 | 462.27 (51.16%) | Persuasion is going on APs & DC's office to expedite the CUL payment. |
| 3 | 35/1 | Bagerhat | 41.43 | 41.43 | 41.29 | 30.17 | 30.17 (22.03.18) | 4.33 | 6.93 | 4525.92 | 3,552.74 (78.50%) | Persuasion going on with APs to expedite the CUL payment. DC has sent to MoL for final approval (Sarankhola Mouza 6.93 ha.) on 09 May 2020. Remaining two mouzas under Polder-35/1 (Rayenda-2.57 & Kumarkhali-1.62) are waiting for JVS after serving notices U/S-4 and another 0.14ha land which waiting for reconnaissance field visit by the committee and approval of DLAC. |
| 4 | 35/3 | Bagerhat | 25.49 | 25.49 | 25.49 | 24.81 | 24.81 (08.11.17) | 0.68 | - | 1510.51 | 1111.29 (73.57%) | Persuasion is going on APs & DC's office to expedite the CUL payment. Notices U/S-4 has been served for additional land acquisition (0.68 ha.) on 18 March 2020. |
| Sub-Total = | | | 132.43 | 132.43 | 131.71 | 119.91 | 119.91 | 5.59 | 6.93 | 9,325.50 | 6,895.07 (73.94%) | |

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 | BWDB | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 | 39/2C | Pirojpur & Jhalokathi | 116.09 | 116.09 | 116.09 | 116.09 | 49.53 | 66.56 | -- | -- | 10052.33 | 414.15 (4.12%) | CUL Payment has been started Pirojpur District. Issuance of notices U/S-7 served for four mouzas out of five, remaining one under process in Jhalokathi district. |
| 2 | 40/2 | Barguna | 12.45 | 12.45 | 12.45 | 11.68 | 11.68 | -- | -- | 0.77 (court Case) | 879.92 | 618.08 (70%) | 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 | 319.10 (72%) | Total 8.29 ha. approved by MoL on 13.03.2018 & handed over by DC to BWDB. Remaining 0.12ha submitted to DC office on 30.01.2020. |
| 4 | 43/2C | Patuakhali | 23.20 | 17.96 | 13.80 | 0.06 | -- | 0.06 | -- | 23.14 | -- | -- | 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. 4 (Four) of those have been sent to the MoL for final approval. But MoL has approved one case (0.06ha land) remaining all Land acquisition proposals has been sent back to BWDB through DC, Patuakhali and asked to submit one case with 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 (05.04.18) | -- | 2.31 | 0.26 | -- | 407.17 | -- | Approved by MoL on 05/04/2018. BWDB has placed fund on 30/062020 against 2.31 ha. of land. And DC sent to the MoL for final approval for 0.26 ha land. |
| 6 | 48 | Patuakhali | 1.07 | 1.07 | 1.07 | 1.07 | 0.90 | 0.17 | - | -- | (341.54+173.62) = 515.16 | 62.56 (18%) | Approved by MoL 1.07 ha. for 0.17 ha. of land on 30/06/2020. Fund has been placed to DC by BWDB. Possession handover 0.90ha land by DC to BWDB & remaining 0.17ha waiting for handed over to BWDB. |
| Total= | | | 163.79 | 158.55 | 154.27 | 139.50 | 70.40 | 969.22 | 0.26 | 23.91 | 12,299.10 | 1,413.89 (12.07 %) | |

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 Table 3-7:

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

| SI No | Polder No. | Non-titled (Squatter) | Paid Non-titled Squatter | Tenants | Paid Tenants | Wage labours | Paid Wage Labour | Total Paid (Squatter) | Paid Amount (BDT Lac) |
|----------------|------------|-----------------------|--------------------------|------------|--------------|--------------|------------------|-----------------------|-----------------------|
| 1 | 39/2C | 52 | | 27 | 0 | 11 | 0 | - | - |
| 2 | 40/2 | 1,745 | 747 | 398 | 0 | 95 | 0 | 747 | 746.67 |
| 3 | 41/1 | 844 | 471 | 68 | 0 | 12 | 0 | 471 | 599.22 |
| 4 | 43/2C | 536 | 458 | 115 | 0 | 24 | 0 | 458 | 536.58 |
| 5 | 47/2 | 201 | 160 | 08 | 0 | 01 | 0 | 160 | 155.87 |
| 6 | 48 | 1,369 | 1,000 | 198 | 0 | 185 | 0 | 1,000 | 1,061.38 |
| Total = | | 4,747 | 2,836 | 814 | 0 | 328 | 0 | 2,836 | 3,099.72 |

The payment of resettlement assistance to 90 nos. non-titled Eps (squatter) is finalized (88 nos. in Polder no. 40/2 & 02 nos. in Polder-48). Which will be paid in Against 2020.

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 July 2020. BWDB has placed fund BDT 407.17 lac against Polder 47/2 and BDT 173.62 lac against Polder 48 on 30/06/2020 payment of CUL will be calculated after issuance of notice U/S-8 by DC office. DC office has paid a total BDT 1,413.89 lac against 734 nos. of awardees among Titled EPs (36 nos. of Polder-39/2C, 412 nos. of Polder-40/2, 282 nos. of Polder-41/1 & 04 nos. of Polder-48). 12 nos. of EPs have been paid CUL in July 2020. The Polder wise payment of CUL is furnished in Table 3-8 below:

Table 3-8: Polder- wise payment made by DCs (Pirojpur, Patuakhali & Barguna)

| 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 | 15,890 | 4,508 | 10,052.33 | 36 | 18 | 414.15 (4.12%) |
| 2 | 40/2 | Barguna | 793 | 556 | 879.92 | 412 | 289 | 618.08 (70%) |
| 3 | 41/1 | Barguna | 548 | 380 | 444.52 | 282 | 166 | 319.10 (72%) |
| 4 | 43/2C | Patuakhali | - | - | - | - | - | - |
| 5 | 47/2 | patuakhali | - | - | 407.17* | - | - | - |
| 6 | 48 | Patuakhali | 26 | 12 | (341.54+173.62*) = 515.16 | 04 | 04 | 62.56 (18.32%) |
| Total = | | | 17,257 | 5456 | 12,299.10 | 734 | 477 | 1,413.89 (12.07%) |

* Payment of CUL has been made to DC by BWDB on 30/06/2020.

3.1.11 Relocation Status of Package-2

Following the payment of compensation against the 1st to 4th 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 2,591 have relocated till July 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 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 | 406 | 187 | 259 | 98 | 320 | 1,270 | 44.78 |
| Relocated on purchased land | 44 | 68 | 29 | 5 | 130 | 276 | 9.73 |
| Relocated on relative & other's land | 138 | 60 | 98 | 3 | 120 | 419 | 14.77 |
| Relocated Temporarily at nearby area (Govt. Land) | 84 | 95 | 57 | 49 | 208 | 493 | 17.38 |
| Group Relocation | 5 | 4 | 0 | 0 | 124 | 133 | 4.69 |
| Market Relocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Relocated-A = | 677 | 414 | 443 | 155 | 902 | 2,591 | 91.35 |
| Not yet relocated | 70 | 57 | 15 | 5 | 98 | 245 | 8.64 |
| Total Relocation target (A+B) = | 747 | 471 | 458 | 160 | 1000 | 2,836 | 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, PAs, Women representatives and LAP/RAP team.

A total number of 45 complaints/grievances have been received so far up to April, 2020 by GRC. 30 of them have been resolved at the entry and remaining 15 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 | 04 | 08 | 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 | 30 | 15 | 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 | : 24 th March, 2016 |
| Notice of award | : 15 th December, 2016 |
| Signing of Contract | : 8 th March, 2017 |
| Commencement of Work | : 12 th July, 2017 |
| Original Target for completion | : 11 th 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.

Environmental activities related to Environment, Health and Safety (EHS) as carried out during the month of July, 2020 are as follows:

3.2.5 Preparation of Monthly progress Report for July, 2020

Monthly progress report for the month of July, 2020 was prepared as a routine task that covers various environmental information as submitted by the Contractors for month of July, 2020 along with other environment-related issues. The report has also accommodated various environmental issues as to fulfil the World Bank's latest requirements.

3.2.6 Correspondence with Contractor

Various correspondence with Contractors of Package-1 and Package-2 of CEIP-1 were made for carrying out environmental mitigation works, which are delayed due to the outbreak of COVID-19 pandemic mainly. The important issues of the correspondence are.

- Conduct of tests for air quality, soil quality, water quality and noise quality for 2020 along with cost as related;
- Installation of more grievance collection boxes (GCBs) along with relocation of some for facilitating airing of workers complaints during working;
- Preparation and submission of report on conservation and stocking of threatened fish species in Package-1 areas.

3.2.7 Review of EIA reports of Package-3

Review of EIA reports of six Polders (out of total 7 Polders) of Package-3 are in the process in the light of World Bank comments. They are Polders 15, 16, 17/1, 17/2, 23, 34/3 and the completely reviewed EIA report of Polder 14/1 has been submitted to World Bank after concurrence of IPoE.

3.2.8 Review of 4th Annual Environmental Audit Report

The fourth Annual Environmental Audit Report has been reviewed for response of World Bank's latest (2nd time) comments on it. Draft Action plan has been prepared in the light of World Bank requirement on the basis of findings of the 4th Annual Environmental Audit Report, which will be submitted after finalization.

3.2.9 Environment-related information, Package-1

The Contractor, Package-1 has forwarded some information related to environment for the month of July, 2020 as part of the regular exercise. The Contractor recruits no under-aged worker and workers' age is verified cross checking their NID Cards. The related information is provided in the following Table:

Table 3-11: Information for the month of July, 2020

| Locations | 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 worker | Expatriate workers | No. of training | No. of trainee | | | | |
| Polder 32 | 136 | 11 | 04 | 147 | 00 | 00 | 00 | |
| Polder 33 | 56 | 06 | 02 | 62 | 00 | 00 | 00 | |
| Polder 35/1 | 143 | 19 | 07 | 162 | 01 | 00 | 00 | Minor hand injury. Treated with first Aid facilities and got back to work on next day. |
| Polder 35/3 | 48 | 03 | 01 | 51 | 00 | 00 | 00 | |
| Nalian Closure Dam | 28 | 05 | 02 | 33 | 00 | 00 | 00 | |
| Khulna | 02 | 10 | 01 | 12 | 00 | 00 | 00 | |
| Dhaka | 01 | 02 | 00 | 03 | 00 | 00 | 00 | |
| Total of Package-1 | 414 | 56 | 17 | 470 | 00 | 00 | 00 | |

3.2.10 Information of working areas, no. of workers involved (both local and expatriate) and steps taken by the Contractor, Package-1 on COVID-19 pandemic

The Contractor of Package-1 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 June, 2020 during the prevailing incidence of COVID-Pandemic. The Contractors took some measures like provision of PPE, surgical mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature, disinfection of camp and work sites and imposition of some restrictions and preparation of isolation areas. Information on workers and work sites and safety issues provided by the contractors have been described as shown the Table here below.

The Contractor of Package-1 has been involved in various construction /civil activities where a number of local and expatriate workers/ staffs are involved. The works were continued at various work sites during the month of July, 2020 in the Pandemic situation. The Contractors took some measures like provision of PPE, surgical mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature, disinfection of camp and work sites and imposition of some restrictions including social/personal spacing and preparation of isolation areas. Information on workers and work sites and safety issues provided by the contractors have been described as following table:

Table 3-12: Work site information of Package 1, CEIP-1 during the period from 01.07.2020 to 31.07.2020.

| Sl. No. | Location, Polder No. Work site | Type of work | No of workers involved during 01.07.2020 to 31.07.2020 | | Expected date of work completion | Comments |
|----------------------|--------------------------------|--|--|------------|----------------------------------|--|
| | | | Local | Expatriate | | |
| 1 | Dacope Polder-32 | Office work | 8 | 5 | 2020.09.30 | Use mask , hand gloves and temperature screening |
| 2 | KM40+000-KM42+200 Polder-32 | Embankment | 62 | 2 | 2020.08.25 | Use mask and temperature screening |
| 3 | KM47+500-KM48+100 Polder-32 | Embankment | 66 | 4 | 2020.08.15 | Use mask and temperature screening |
| 5 | Closure Dam Polder-32 | Embankment | 28 | 5 | 2020.09.29 | Use mask and temperature screening |
| 7 | KM0+000-1+500 Polder-33 | Back filling Embankment | 6 | 2 | 2020.08.31 | Use mask and temperature screening |
| 8 | KM48+152-49+300 Polder-33 | Back filing and slope cutting | 10 | 2 | 2020.08.31 | Use mask and temperature screening |
| 9 | KM47+870-48+170 Polder-33 | Slope protection | 40 | 2 | 2020.08.20 | Use mask and temperature screening |
| 10 | Reyanda Polder-35/1 | Embankment earth filling | 46 | 4 | 2020.08.31 | Use mask and temperature screening |
| 11 | Tafalbari Polder-35/1 | C.C Block carrying to other locations | 42 | 10 | 2020.09.30 | Use mask and temperature screening |
| 12 | Pollimongal Polder-35/1 | Sluice work & embankment earth filling | 23 | 2 | 2020.08.26 | Use mask and temperature screening |
| 13 | Khuriakhali Polder-35/1 | Embankment earth filling | 30 | 1 | 2020.08.30 | Use mask and temperature screening |
| 14 | Tafalbari Polder-35/1 | Office work | 2 | 2 | 2020.09.30 | Use mask and temperature screening |
| 15 | Bhadhaghat Polder-35/3 | Embankment earth filling | 48 | 3 | 2020.08.30 | Use mask and temperature screening |
| 16 | Khulna | Office work | 2 | 10 | | Use mask, hand gloves and temperature screening |
| 17 | Dhaka | Office work | 1 | 2 | | Use mask and temperature screening |
| Total workers | | | 414 | 56 | | |

3.2.11 Novel coronavirus response

The Contractor, Package-1 carried out the following drives against infection and non-proliferation of COVID-19 pandemic

- Temperature of all personnel were checked every day by experienced staff including personnel working at office, camp, local construction areas, sluice and slope protection areas;
- It was mandatory that all personnel wear surgical masks during working and had been provided masks before going to work every day;
- Arrangement made to keep workers' hands clean with hand sanitizer and disinfectant to avoid spreading of the virus, which is followed strictly;
- Thorough disinfection drive is conducted every Friday, including office areas, camps, pre-fabrication plants, construction vehicles and motor vehicles;
- Supplied PPE like surgical masks, medical gloves, eye mask to supporting staff (such as gate guard, police personnel);
- Conducted training of workers for awareness on prevention and safety issues related to Corona virus infection during tool box talking;
- Staffs and workers were not allowed any leave during work and leaving work site is restricted.

3.2.12 Noise measurement of Package-1

None of the automated CC block manufacturing plants of Package-1 was in operation during the month of July, 2020. Moreover, no generator was in operation during the whole month. Thus, no measurement of noise level was carried out in any of the Polder under Package-1.

3.2.13 Environment-related information, Package-2

The Contractor, Package-2 has forwarded some information related to environment for the month of July, 2020 as part of the regular exercise. The Contractor recruits no under-aged worker and workers' age is verified cross checking their NID Cards. The related information is provided in Table as follows:

Table 3-13: Information relating to Environment under Package-2 for July, 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 | 3 | 21 | 0 | 0 | 0 | No injury occurred in this month |
| Polder 40/2 | 83 | 2 | 19 | 2 | 0 | 0 | 2 persons have finger injuries got cured by first aid treatment |
| Polder 41/1 | 22 | 2 | 16 | 0 | 0 | 0 | No injury occurred this month |
| Polder 43/2 C | 49 | 2 | 14 | 0 | 0 | 0 | No injury occurred this month |
| Polder 47/2 | 0 | 0 | 0 | 0 | 0 | 0 | No injury occurred this month |
| Polder 48 | 7 | 1 | 8 | 0 | 0 | 0 | No injury occurred this month |
| Dhaka office | 1 | 7 | 0 | 0 | 0 | 0 | No injury occurred this month |
| Patuakhali office | 4 | 2 | 0 | 0 | 0 | 0 | No injury occurred this month |
| Total | 209 | 19 | 78 | 2 | 0 | 0 | |

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

The Contractor of Package-2 has been involved in various construction /civil activities, where local and expatriate workers/ staffs are involved. Most of the workers continued at various work sites during the month of July, 2020 during the prevailing incidence of COVID-19 pandemic, although according to the Contractor, the availability of workers has a reducing trend due to outbreak of COVID-19 mainly.

The Contractors adopted various measures like provision of PPE, surgical mask, hand gloves, hand sanitizer (containing 75% alcohol), checking of workers' temperature, disinfection of camp and work sites and imposition of some restrictions and preparation of isolation areas as stated in the noted below. Information on workers and work sites and safety issues provided by the contractors are as follows:

Table 3-14: Work site information of Package 2, CEIP-1 during the period from 01.07.2020 to 31.07.2020

| Sl. No. | Location, Polder No. Work site | Type of work | No of workers involved during 01.06.2020 to 30.06.2020 | | Expected date of work completion | Comments |
|----------------------|--------------------------------|--|--|------------|---|--------------------|
| | | | Local | Expatriate | | |
| 1 | 39/2C | MS bar binding & shuttering works & concrete work for DS-8& DS-10. | 43 | 3 | Complete | Shortage of labors |
| 2 | 40/2 | Only turfing work is going on | 83 | 2 | Complete | Shortage of labors |
| 3 | 41/1 | Only turfing work is going on | 22 | 2 | 5 th Sep 2020 | Shortage of labors |
| 4 | 43/2C | Emergency slope protection work and Turfing work are going on | 49 | 2 | Emergency: Complete; Turfing work:15 th Sep 2020 | Shortage of labors |
| 5 | 47/2 | No work | 0 | 0 | | Short of labors |
| 6 | 48 | 1. No work | 7 | 1 | | Shortage of labors |
| 7. | Dhaka office | Administration and Supervisory works | 1 | 7 | | |
| 8. | Patuakhali office | Administration and Supervisory works | 4 | 2 | | |
| Total workers | | | 209 | 19 | | |

Note: During COVID-19 period, contractor has provided the protective tools to workers, such as Mask, Hand Sanitizer (with >75% of alcohol), checking of workers temperature everyday with Temperature measuring gun. And also, every Polders' camp has prepared the isolation area. With the rapid spreading of COVID-19, some work items have been kept stopped.

3.2.15 Noise measurement of Package-2

Some CC blocks were prepared manually in Polder 43/2C during some period in the month of July, 2020, when generator was in operation. The automated CC block manufacturing plants (3 plants) of Polder 39/2C were inoperative and all generators in other Polders were also inoperative during the month of July 2020. The noise level of Polder 43/2C (noise produce due to operation of generator mainly) is provided as follows table:

Table 3-15: Noise measurement (dB) of Polder 43/2C

| | |
|---|--|
| Polder 43/2C Noise Record | |
| Month: July, 2020 | |
| Monitoring Location | Polder 43/2C, construction camp Coordinates: N454928.496 E540920.040 |
| Monitoring Date | 31-July-2020(Day time) |
| Noise Meter Model | Digital sound level meter AS804 |
| Major noise sources during monitoring | Generator and labor working |
| Location category | Mixed area |
| Measurement results, dB | Camp area N454928.496 E540920.040 52.5 52 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) |

3.2.16 Recording of Workers' History

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

3.2.17 Workers' History

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

3.2.18 EAP/C-ESMP Monitoring

Monitoring of key EHS risk management according to EAP/C-ESMP in Package-1 and Package-2 have been carried out during the Month of July, 2020 are as follows:

3.2.18.1 Key EHS compliance Issues (Package-1)

Various key EHS measures complied based on EHS risk management in the light of EAP (in Package-1) during the month of July, 2020 are presented in the Table below:

Table 3-16: Measures taken on EHS Risk Management and EAP for Package-1

| Sl. No. | Polder/site | Specific individual area | EHS Risk issues | Measures taken to mitigate the risk issues | Remarks |
|---------|---|---------------------------------------|---|---|--|
| 1 | Polder 32 & 35/1 Re-sectioning of Embankment | Starting and ending of working length | May occur accident, top soil disruption | <ul style="list-style-type: none"> • Demarcated all work sites clearly • Installed cautionary/informative signals to indicate the entry and exits of vehicles and movement of construction equipment in the working area. • Disposed of excess soil at site with no objection from local authority. • Conducted regular toolbox talk before starting the work • Informed the community before the start of work • Provided PPE to the workers during conduct of work • Erected the wire up to enough height before starting and ending of the work • Checked the physical condition of excavator regularly • Checked the physical condition of compaction vehicle regularly • Checked the physical condition of truck regularly • Conducted training on driving safety at regular interval • Borrow area of earth was fixed on agreement with land owners • Documented all borrow agreements • Complied borrow area excavation with safe distance from embankment as per technical specification. | |
| 3 | Polder 32,35/1 & 35/3 | Automatic CC manufacturing plants | Lockout-tagout (LOTO) of automatic plant | <ul style="list-style-type: none"> • The CC plants are closed kept encircled by security enclosure | No work during the month of July, 2020 in the automated CC manufacturing plants of these Polders |
| 4 | All Polders under Package-1 | Covid-19 crisis | Spreading of the germ of novel corona virus | <ul style="list-style-type: none"> • Strengthening the body resistance through providing enough potable and required medicine • Checking the body temperature before entrance in the work sites • Reduce the work load • Make arrangement for hand washing/hand sanitizer | |

| Sl. No. | Polder/site | Specific individual area | EHS Risk issues | Measures taken to mitigate the risk issues | Remarks |
|---------|-------------|--------------------------|-----------------|---|---------|
| | | | | <ul style="list-style-type: none"> Maintaining the required distance Provided additional PPE with regard to Covid-19 situation Enhancement of awareness for checking contamination of COVID-19 | |

3.2.18.2 Key EHS compliance (Package-2)

Various key EHS measures complied based on EHS risk management in the light of C-ESMP (in Package-2) during the month of July, 2020 are presented in Table below:

Table 3-17: Measures taken on EHS Risk Management and C-ESMP for Package-2

| Sl. No. | Polder/site | Specific individual area | EHS Risk issues | Measures taken to mitigate the risk issues | Remarks |
|---------|---|--------------------------|---|---|--|
| 1 | 39/2C Automatic CC Block Manufacturing yard | Automatic Machine plant | Producing high Noise | <ul style="list-style-type: none"> Cross checked by Environmental Specialist during EHS field visit | <ul style="list-style-type: none"> No work during the month of July, 2020 in the automated CC manufacturing plants of these polders |
| | | | Emission of Dust | <ul style="list-style-type: none"> Sprayed water at certain intervals in the plant area Workers used masks | |
| | | | Lockout-tagout (LOTO) of automatic CC plant | <ul style="list-style-type: none"> The CC plants are closed kept encircled by security enclosure | |
| | | | Stockpile area | <ul style="list-style-type: none"> Sprayed water at regular intervals Maintained safe height of the stockpile Provided coverage of stockpiled materials | |
| | | | Electric firing | <ul style="list-style-type: none"> Checked the switch board and wire system regularly Provided fire extinguisher and sand at strategic locations | |
| | | | Fuel Storage | <ul style="list-style-type: none"> Established fuel storage shed Paved the fuel storage area Provided firefighting equipment and checked the expiration date of hydrants Avoided underground storage of fuel Maintained minimum distance during fuelling and re-fuelling Made available fuel absorbent facility at site | |
| | | | Forklift | <ul style="list-style-type: none"> Maintained Speed limit Prepared Safe operation manual Provided separate lane for pedestrians and forklift | |
| | | Waste storage | <ul style="list-style-type: none"> Provided separate | | |

| Sl. No. | Polder/site | Specific individual area | EHS Risk issues | Measures taken to mitigate the risk issues | Remarks |
|---------|--|--|--|--|--|
| | | | and disposal | <ul style="list-style-type: none"> collection bins for different waste types Installed designated dumping area Installed decanting boxes Established facility for collection of industrial waste Ensured safe waste disposal | |
| 2. | 40/2,41/1, 43/2C, 47/2 and 48 CC block manufacturing by mixture machine | CC block manufacturing site by mixture machine | Accidents may occur, Emission of dust, high noise, out breaking of fire, injury to the worker etc. | <ul style="list-style-type: none"> Sprayed water at certain intervals in the mixture machine area and adjacent locations Checked mixture machine regularly Checked electric switch, fuel and all types of connection line during off and on of mixture machine Preserved the key of mixture machine with the designated person only Sprayed water during intervals at stockpile areas Demarcated the CC block stacking areas Provided cautionary signboards at CC block stacking areas Provided the fire-extinguisher at different locations Closed all switch boards properly and checked by the responsible person at regular intervals Used gas mask and eye protective glass properly during welding Established signals to indicate entry & exit and movement in the working area All workers equipped with PPE for using during work | <ul style="list-style-type: none"> No work during the month of July, 2020 in the automated CC manufacturing plants of these polders |
| 3 | Polder 40/2 & 48 Re-sectioning of Embankment | Starting and ending of working length | May occur accident, top soil disruption | <ul style="list-style-type: none"> Installed cautionary/informative signals to indicate the entry and exits of vehicles and movement of construction equipment in the working area. Disposed of excess soil at site with no objection from local authority. Erected the wire up to enough height before starting and ending of the work Checked the physical condition of excavator regularly | |

| Sl. No. | Polder/site | Specific individual area | EHS Risk issues | Measures taken to mitigate the risk issues | Remarks |
|---------|-----------------------------|--------------------------|---|---|---------|
| | | | | <ul style="list-style-type: none"> • Checked the physical condition of compaction vehicle regularly • Checked the physical condition of truck regularly • Conducted training on driving safety at regular interval • Borrow area of earth was fixed on agreement with land owners • Documented all borrow agreements • Complied barrow area excavation with safe distance from embankment as per technical specification. | |
| 4 | All Polders under Package-2 | Covid-19 crisis | Spreading of the germ of novel corona virus | <ul style="list-style-type: none"> • Checking of body temperature of workers by experienced personnel at all work sites before entrance. • Reduce the work load • Make arrangement for hand washing/hand sanitizer • Maintaining the required distance • Provided additional PPE regard to Covid-19 situation • Improvement of workers' awareness on control of spread of COVID-19 | |

3.2.19 Progress of Mechanical Work

With regard to mechanical aspects the following activities were conducted:

Package-1

The installation of gates and hoists in 6 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 May, 2020. In June 2020, the local manufacturer has started to fabricate the Gates and Hoists in their factory based on new design.

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. 10 Nos. gates have been partially 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 June, 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 32 Drainage Sluices of different vents have been approved by the BWDB Design Circle-5 by this time.- 1 (one) typical design of Gates & Hoists for Drainage Sluice was submitted to the BWDB Design Circle-3 and that has been approved 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 3-18 below:

Table 3-18: Status of Design for Package-3

| SI 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 | 14 | 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 | 10 | 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 | 35 | 19 | 19 | 0 |

| River Bank Protection Works (Km) | | | Embankment Slope Protection Works (Km) | | | Gates & Hoists | | | | | |
|----------------------------------|-----------------|-----------------|--|-----------------|-----------------|----------------|-----------------------|-----------------|----------|-----------------------|-----------------|
| Target | Achievement | | Target | Achievement | | Target | Drainage Sluice (No.) | | Target | Flushing Sluice (No.) | |
| | 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 | 1 | 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 had been 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. The said EIA of Polder-14/1 was reviewed by the IPOE and was sent to the World Bank. Subsequently, the EIA of Polder-15,16 and 17/1 were also reviewed by the consultants in light of the EIA of Polder-14/1 and sent to the PMU on 25th June,2020 for review and thereafter onward transmission to the World Bank for approval. The review of remaining 3 (three) Polders of Package-3 are under review by the Consultants.

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 in all 7 (seven) Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3) under Package-3 of CEIP-1. A total of 20 community consultation meetings were conducted in 15 different locations in 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 31st July, 2020. The contract 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.

The Contractor submitted the administrative work and has affected necessary



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

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-23 is BDT 5,884.53 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 29 nos. of Flushing sluice 29 nos. have already been completed. Total length of embankment in 4 Polders under Package-1 is 200.617 out of which 17.063 km is paved road. Out of the remaining 183.554 km of embankment, 161.008 km is completed, and 19.517 km is partially completed which is expected to be fully completed during the next dry season. 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 during the next working season. 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, 14.366 km has been completed. The remaining 5.40 km Slope Protection works are in different stages of progress. 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 3-19.

3.4.2 Physical Progress (Mile Stone Matrix)

Table 3-19: Physical Works Status of Package-1 as on July, 2020

| Item | Unit | RF Target | Revised Quantity | Tentative Program FY 2020-2021 | | Cumulative upto June 2020 | | Cumulative upto 30 June 2020 | | Current Month | | Cumulative upto 31 July 2020 | | Cumulative During FY 2020-21 | |
|---|------|-----------|------------------|--------------------------------|------|--|------------------------------------|--|------------------------------------|-----------------------|---|--|------------------------------------|---|-----------------------------------|
| | | | | Full | Part | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11=(13-9) | 12 | 13 | 14 | 15=(13-7) | 16 |
| General Mobilization | LS | - | - | - | 0 | 90.00% | | 90.00% | | 0.00% | | 90.00% | | 0.00% | |
| Embankment Construction/Re-sectioning | Km | 200.617 | 200.617 | 13 | 0 | 161.008 | 19.517 | 161.008 | 19.517 | 0.000 | 19.517 | 161.008 | 19.517 | 0.00 | 19.517 |
| | | | | | | 93.61% | | 93.61% | | 0.00% | | 93.61% | | 0.00% | |
| Drainage Channel Excavation/Re-excavation | Km | 151.210 | 150.299 | 18.48 | 0 | 131.82 | 0.000 | 131.82 | 0.000 | 0.002 | 0.000 | 131.82 | 0 | 0.00 | 0.00 |
| | | | | | | 83.12% | | 83.12% | | 0.00% | | 83.12% | | 0.00% | |
| Drainage Sluice Construction | No. | 38 | 38 | 0 | 0 | 38 | 0 | 38 | 0 | 0 | 0 | 38 | 0 | 0 | 0 |
| | | | | | | 98.35% | | 98.35% | | 0.00% | | 98.35% | | 0.00% | |
| Drainage Sluice Repair | No. | 2 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| | | | | | | 95.90% | | 95.90% | | 0.00% | | 95.90% | | 0.00% | |
| Flushing Inlet Construction | No. | 30 | 29 | 0 | 0 | 29 | 0 | 29 | 0 | 0 | 0 | 29 | 0 | 0 | 0 |
| | | | | | | 98.27% | | 98.27% | | 0.00% | | 98.27% | | 0.00% | |
| Flushing Inlet Repair | No. | 14 | 14 | 1 | 0 | 13 | 1 | 13 | 1 | 0 | 0 | 13 | 1 | 0 | 1 |
| | | | | | | 96.33% | | 96.33% | | 0.00% | | 96.33% | | 0.00% | |
| Embankment Slope Protection Work | Km | 19.966 | 19.766 | 5.600 | 0 | 14.166 | - | 14.166 | - | 0.200 | - | 14.366 | - | 0.20 | 0.00 |
| | | | | | | 82.34% | | 82.34% | | 0.04% | | 82.38% | | 0.04% | |
| River Bank Protection Work | Km | 4.45 | 4.25 | 0.100 | 0 | 4.150 | - | 4.150 | - | 0.000 | - | 4.150 | - | 0.00 | 0.00 |
| | | | | | | 89.88% | | 89.88% | | 0.00% | | 89.88% | | 0.00% | |
| Closure Dam Construction | No. | 1 | 1 | 0 | 0 | 100% of the foundation & 100% Closing of the Closure works | 90% Protection Work of the Closure | 100% of the foundation & 100% Closing of the Closure works | 80% Protection Work of the Closure | 0% of the foundation, | 0% Closing of the Closure works & 7% Protection Work of the Closure | 100% of the foundation & 100% Closing of the Closure works | 97% Protection Work of the Closure | 0% of the foundation, 0% Closing of the Closure works | 7% Protection Work of the Closure |

Table 3-20: Polder wise Physical Works status of Package-1 as on July, 2020

| Package No | Polder No | Progress for Construction of Drainage sluices | | | | | | | | Progress for Construction of Flushing Sluices | | | | | | | |
|------------|--------------|---|----------|----------------------|----------------|----------|--------------|----------------------|----------------------|---|-----------|----------------------|----------------|----------|--------------|----------------------|---------------------|
| | | Number of DS | Dropped | Revised target of DS | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. | Number of FS | Dropped | Revised target of FS | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in Operation |
| 1 | 32 | 8 | 0 | 8 | 8 | 0 | 0 | 100.00% | 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 | 98.35% | 5 | 40 | 11 | 29 | 29 | 0 | 0 | 98.27% | 10 |

| Package No | Polder No | Progress for Repair of Drainage Sluices | | | | | | | | Progress for Repair of Flushing Sluices | | | | | | | |
|------------|--------------|---|-------------------|-----------------------------|----------------|----------|--------------|----------------------|----------------------|---|-------------------|-----------------------------|----------------|----------|--------------|----------------------|----------------------|
| | | Number of DS | Number of Dropped | Revised target of DS Repair | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. | Number of FS | Number of Dropped | Revised target of FS Repair | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. |
| 1 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | NA | 0 | 19 | 13 | 6 | 6 | 0 | 0 | 100.00% | 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 | 95.90% | 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 | 95.90% | 0 | 30 | 16 | 14 | 13 | 1 | 0 | 96.33% | 0 |

| Package No | Polder No | Summary of Bank Protection Work | | | Summary of Slope Protection Work | | | Summary for Excavation / Re-excavation of Drainage Channel | | | | CC Block Production Status | | |
|------------------|--------------|---------------------------------|-----------------------|---------------|----------------------------------|-----------------------|-------------|--|-----------------------|-----------------------|------------------|----------------------------|---------------------|-------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | Target Length (Km) | Completed Length (Km) | % Completed | Number of Canals | RF Target Length (Km) | Completed Length (Km) | % Completed | Target Quantity | Production Quantity | % Completed |
| Package 1 | 32 | 2.000 | 2.000 | 100.00% | 3.30 | 3.300 | 100.00% | 7 | 17.00 | 17.00 | 100.00% | 1,918,027 | 1,886,840 | 98.37% |
| Package 1 | 33 | 1.300 | 1.300 | 100.00% | 4.02 | 4.016 | 100.00% | 13 | 62.83 | 62.83 | 100.00% | 1,619,763 | 1,285,083 | 79.34% |
| Package 1 | 35/1 | 0.800 | 0.700 | 87.50% | 11.75 | 6.350 | 54.04% | 18 | 70.47 | 51.99 | 73.78% | 3,628,072 | 2,919,991 | 80.48% |
| Package 1 | 35/3 | 0.150 | 0.150 | 100.00% | 0.70 | 0.700 | 100.00% | 2 | 0.00 | 0.00 | NA | 220,567 | 220,567 | 100.00% |
| Package 1 | 4.250 | 4.150 | 89.88% | 19.766 | 14.366 | 82.38% | 40 | 150.299 | 131.822 | 83.12% | 7,386,429 | 6,312,481 | 85.46% | |

| Package No | Polder No | Summary for Construction / Re-sectioning of Embankment | | | | | | | | | | Partly Completed | | | | |
|------------------|----------------|--|-----------------------|--------------|----------------------|--------------------------------|----------------|--------------------------|------------------------------------|--------------|------------------------|----------------------------------|--------------|----------------------|--------------------------|------------------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | New Emb. Length (Km) | Completed New Emb. Length (Km) | % Completed | Resectioning Length (Km) | Completed Resectioning Length (Km) | % Completed | Retd. Emb. Length (Km) | Completed Retd. Emb. Length (Km) | % Completed | New Emb. Length (Km) | Resectioning Length (Km) | Retd. Emb. Length (Km) |
| Package 1 | 32 | 49.666 | 35.595 | 71.67% | 0.00 | 0.00 | NA | 30.70 | 23.99 | 78.15% | 18.96 | 11.60 | 61.18% | 0.000 | 6.310 | 7.132 |
| Package 1 | 33 | 49.154 | 43.461 | 88.42% | 0.00 | 0.00 | NA | 44.33 | 38.86 | 87.68% | 4.83 | 4.60 | 95.24% | 0.000 | 0.000 | 0.230 |
| Package 1 | 35/1 | 61.972 | 46.222 | 74.59% | 0.00 | 0.00 | NA | 55.25 | 43.20 | 78.19% | 6.72 | 3.02 | 44.96% | 0.000 | 1.500 | 2.200 |
| 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 | 161.008 | 93.61% | 0.000 | 0.000 | NA | 159.174 | 131.431 | 82.57% | 41.44 | 29.58 | 71.37% | 0.000 | 9.380 | 10.137 | |

Table 3-21: 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 July 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 | 23,228 | 10,272 | - | 100.00% | 0.00% | 92.00% | 0.483 | 0.000 | Work in Progress | |
| 2 | 32 | Nalian | Ongoing | 1.393 | 0.483 | 1.876 | Retired | N | NA | 63,519 | 63,519 | 29,624 | - | 100.00% | 0.00% | 92.00% | 1.393 | 0.000 | Work in Progress | |
| 3 | 32 | Gunari | Ongoing | 0.624 | 1.876 | 2.500 | Resectioning | N | NA | 29,858 | 29,858 | 13,270 | - | 100.00% | 0.00% | 92.00% | 0.624 | 0.000 | Work in Progress | |
| 4 | 32 | Gunari | Ongoing | 2.690 | 2.500 | 5.190 | Retired | N | NA | 141,764 | 141,764 | 57,207 | - | 100.00% | 0.00% | 92.00% | 2.690 | 0.000 | Work in Progress | |
| 5 | 32 | Gunari | Ongoing | 0.480 | 5.190 | 5.670 | Resectioning | N | NA | 14,075 | 14,075 | 10,208 | - | 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 | 47,121 | 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 Bhangra | 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 Bhangra | 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 Bhangra | 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 | 18,000 | 16,418 | - | 55.73% | 0.00% | 51.27% | 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 | 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 | 10,271 | - | 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 | 13,207 | 13,207 | - | 58.87% | 0.00% | 54.16% | 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 | 95,000 | 62,737 | - | 70.54% | 0.00% | 64.90% | 0.000 | 2.950 | Work in Progress | |
| 33 | 32 | Kalabogi | Ongoing | 1.136 | 41.910 | 43.046 | Resectioning | N | NA | 42,409 | 33,500 | 24,159 | - | 78.99% | 0.00% | 72.67% | 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 | - | 65.48% | 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 | 23,904 | 23,904 | - | 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 | 37,000 | 16,950 | - | 77.60% | 0.00% | 71.39% | 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 | 43,500 | 28,944 | - | 88.29% | 0.00% | 81.23% | 1.000 | 0.361 | Work in Progress | |
| 42 | 32 | Nalian | Ongoing | 0.971 | 48.695 | 49.666 | Retired | N | NA | 65,931 | 61,000 | 20,650 | 10,000 | 92.52% | 48.43% | 88.99% | 0.000 | 0.171 | Work in Progress | |
| 43 | 33 | Banishanta | Ongoing | 0.474 | 0.000 | 0.474 | Retired | Y | NA | 24,964 | 24,964 | 9,084 | 4,000 | 100.00% | 44.03% | 95.52% | 0.374 | 0.100 | 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 | 9,429 | 9,429 | - | 100.00% | 42.42% | 95.39% | 0.492 | 0.000 | 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 is completed | |
| 47 | 33 | Dangmari | Ongoing | 0.461 | 2.840 | 3.301 | Retired | N | NA | 8,835 | 8,835 | 8,835 | - | 100.00% | 100.00% | 100.00% | 0.461 | 0.000 | Work is completed | |
| 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 is completed | |
| 49 | 33 | khajura | Ongoing | 0.101 | 8.606 | 8.707 | Retired | N | NA | 1,936 | 1,936 | 1,936 | - | 100.02% | 100.02% | 100.02% | 0.101 | 0.000 | Work is completed | |
| 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 is completed | |
| 51 | 33 | Burir Dabor | Ongoing | 0.175 | 8.990 | 9.165 | Retired | N | NA | 3,354 | 3,354 | 3,354 | - | 100.00% | 100.00% | 100.00% | 0.175 | 0.000 | Work is completed | |
| 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 is completed | |
| 53 | 33 | Burir Dabor to Bon lawdeb | 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 | Bon lawdeb to Gazirji | Ongoing | 2.760 | 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 lawdeb 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 is completed | |
| 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 is completed | |
| 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 is completed | |
| 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 is completed | |
| 59 | 33 | Thakurbani to khagrachhat | Yet to Start | 2.600 | 19.300 | 21.900 | Resectioning | N | NA | - | - | - | - | 0.00% | 0.00% | 0.00% | 0.000 | | | |

Bangladesh Water Development Board (BWDB)
Coastal Embankment Improvement Project, Phase-1 (CEIP-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 July 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 | 75,000 | 50,600 | - | 92.42% | 0.00% | 85.03% | 1.300 | 1.000 | 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 | 39,652 | 23,115 | - | 100.00% | 0.00% | 92.00% | 1.005 | 0.000 | 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 | Gabkola | 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 | Gabkola | Ongoing | 2.500 | 23.500 | 26.000 | Retired | N | NA | 98,162 | 73,000 | 84,500 | - | 74.37% | 0.00% | 68.42% | 0.000 | 1.000 | Work in progress |
| 92 | 35/1 | Terabeka | Ongoing | 2.000 | 26.000 | 28.000 | Resectioning | N | NA | 78,530 | 74,000 | 44,000 | - | 94.23% | 0.00% | 86.69% | 1.500 | 0.500 | 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 | 20,000 | 25,350 | 1,000 | 43.76% | 3.94% | 40.58% | 0.365 | 0.800 | Work in progress |
| 125 | 35/3 | Karapara | Ongoing | 0.270 | 15.300 | 15.570 | Retired | N | NA | 17,381 | 12,000 | 5,875 | 2,550 | 69.04% | 43.40% | 66.99% | 0.220 | 0.050 | Work in progress |
| 126 | 35/3 | Karapara | Ongoing | 3.770 | 15.570 | 19.340 | Resectioning | N | NA | 136,405 | 120,000 | 82,035 | 5,000 | 87.97% | 6.09% | 81.42% | 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 | M | | | | | | | | | | | | | | | | | |

Table 3-22: Detailed information of Construction Status of Drainage Channel of Package-1

| # | Polder | Name of Khal | Status of Work | Length (Km) | Completed Length (km) | Required Quantity (Cum) | Achieved Quantity (Cum) | Status as of July, 2020 | Remarks |
|------------------|--------|----------------------------|----------------|----------------|-----------------------|-------------------------|-------------------------|-------------------------|--------------------------------|
| Package 1 | | | | | | | | | |
| 1 | 32 | Charar (DS-1) | Completed | 1.470 | 1.470 | 20,240.00 | 20,240.00 | 100.00% | Work in Progress |
| 2 | 32 | Hatkhola (DS-2) | Completed | 3.321 | 3.321 | 44,046.00 | 44,046.00 | 100.00% | Work completed. |
| 3 | 32 | Para (DS-3) | Completed | 4.313 | 4.313 | 30,711.00 | 30,711.00 | 100.00% | Work in Progress |
| 4 | 32 | Kayratoli (DS-7) | Completed | 3.116 | 3.116 | 25,240.00 | 25,240.00 | 100.00% | Work completed. |
| 5 | 32 | Clozarer (DS-8) | Completed | 1.783 | 1.783 | 22,915.00 | 22,915.00 | 100.00% | Work completed. |
| 6 | 32 | Jaliakhali (DS-16) | Completed | 3.000 | 3.000 | 8,019.15 | 8,019.15 | 100.00% | Work completed. |
| 12 | 33 | Bojan, DS 1 | Completed | 2.156 | 2.156 | 53,571.00 | 53,571.00 | 100.00% | Work completed. |
| 9 | 33 | Khejura, DS 2 | Completed | 5.500 | 5.500 | 39,452.00 | 39,452.00 | 100.00% | Work completed. |
| 13 | 33 | Borobage, DS 3 | Completed | 7.500 | 7.500 | 28,241.00 | 28,241.00 | 100.00% | Work completed. |
| 14 | 33 | Bolder, DS 4 | Completed | 0.975 | 0.975 | 18,618.00 | 18,618.00 | 100.00% | Work completed. |
| 8 | 33 | Chara, DS 5 | Completed | 10.000 | 10.000 | 89,475.00 | 89,475.00 | 100.00% | Work completed. |
| 15 | 33 | Dhopadi, DS 6 | Completed | 4.073 | 4.073 | 61,069.00 | 61,069.00 | 100.00% | Work completed. |
| 16 | 33 | Dacope, DS 7 | Completed | 3.950 | 3.950 | 115,279.00 | 115,279.00 | 100.00% | Work completed. |
| 7 | 33 | Bajua, DS 9 | Completed | 8.890 | 8.890 | 51,558.00 | 51,558.00 | 100.00% | Work completed. |
| 11 | 33 | Pachin Bajua, DS 10 | Completed | 8.500 | 8.500 | 630.00 | 630.00 | 100.00% | Work completed. |
| 10 | 33 | Khuntakhali, DS 11 | Completed | 4.350 | 4.350 | 43,945.00 | 43,945.00 | 100.00% | Work completed. |
| 17 | 33 | Borobaker, DS 13 | Completed | 5.616 | 5.616 | 34,205.00 | 34,205.00 | 100.00% | Work completed. |
| 18 | 33 | Kata, FS 9 | Completed | 1.320 | 1.320 | 31,744.00 | 31,744.00 | 100.00% | Work completed. |
| 19 | 35/1 | Terabeka,DS-08(Khal-01) | Completed | 2.505 | 2.505 | 18,304.00 | 18,304.00 | 100.00% | Work completed. |
| 20 | 35/1 | Rayenda,DS-04(Khal-20) | Ongoing | 9.500 | 6.600 | 81,985.00 | 56,942.00 | 69.47% | Work in Progress |
| 21 | 35/1 | Satgharer,DS-18(Khal-02) | Yet to Start | 1.000 | 0.000 | 9,365.00 | - | 0.00% | Not yet started |
| 22 | 35/1 | Gabtota,DS-07(Khal-04) | Completed | 2.000 | 2.000 | 10,575.00 | 10,575.00 | 100.00% | Work completed. |
| 23 | 35/1 | Tafalbari(Khal-06),DS-06 | Ongoing | 6.197 | 6.197 | 44,382.00 | 44,383.00 | 100.00% | Work completed. |
| 24 | 35/1 | Sonatola(Khal-11),DS-10 | Completed | 2.500 | 2.500 | 14,468.00 | 14,468.00 | 100.00% | Work completed. |
| 25 | 35/1 | Jheelbonia(Khal-19),DS-05 | Completed | 5.730 | 5.730 | 38,856.00 | 38,856.00 | 100.00% | Work completed. |
| 26 | 35/1 | Thanar(Khal-42),DS-11 | Completed | 3.511 | 3.511 | 70,562.00 | 70,562.00 | 100.00% | Work completed. |
| 27 | 35/1 | Khunta kata(Khal-61),DS-03 | Completed | 3.500 | 3.500 | 454.50 | 455.50 | 100.00% | Work completed. |
| 28 | 35/1 | Kumarkhali(Khal-64),DS-02 | Yet to Start | 12.500 | 0.000 | 196,165.00 | - | 0.00% | Not yet started |
| 29 | 35/1 | Sannashir(Khal-73),DS-01 | Completed | 1.500 | 1.500 | 11,825.00 | 11,825.00 | 100.00% | Work completed. |
| 30 | 35/1 | Andaria(Khal-75),DS-15 | Ongoing | 2.075 | 0.940 | 32,662.00 | 14,800.00 | 45.31% | Work completed. |
| 31 | 35/1 | Kabirajer(Khal-79),DS-13 | Completed | 3.151 | 3.151 | 38,743.00 | 38,743.00 | 100.00% | Work completed. |
| 32 | 35/1 | Rajapur(Khal-81),DS-12 | Completed | 3.730 | 3.730 | 77,690.00 | 77,690.00 | 100.00% | Work completed. |
| 33 | 35/1 | Khajurbaria(Khal-90),DS-17 | Completed | 5.500 | 5.500 | 75,241.00 | 75,241.00 | 100.00% | Work completed. |
| 34 | 35/1 | Rathiar(Khal-84),DS-16 | Completed | 4.625 | 4.625 | 69,186.00 | 69,186.00 | 100.00% | Work in Progress |
| 35 | 35/1 | Fajajipara(Khal-76),DS-14 | Yet to Start | 0.942 | 0.000 | 7,695.00 | - | 0.00% | Not yet started |
| 36 | 35/3 | Care Khal | Dropped | 0.000 | 0.000 | - | - | NA | Not required hence it is drop. |
| Total | | | | 150.299 | 131.822 | 1,517,116.65 | 1,260,988.65 | | |

Table 3-23: 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 July, 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 |
| 5 | 32 | DS-9 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 6 | 32 | DS-10 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 7 | 32 | DS-11 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 |
| 10 | 33 | DS-2 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 11 | 33 | DS-3 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 12 | 33 | DS-4 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 13 | 33 | DS-6 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 14 | 33 | DS-7 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 15 | 33 | DS-8 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 16 | 33 | DS-9 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 17 | 33 | DS-10 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 18 | 33 | DS-11 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 19 | 33 | DS-12 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 20 | 33 | DS-13 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 21 | 35/1 | DS-1 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 22 | 35/1 | DS-2 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 23 | 35/1 | DS-4 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 24 | 35/1 | DS-5 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 25 | 35/1 | DS-6 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 26 | 35/1 | DS-7 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 27 | 35/1 | DS-8 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 28 | 35/1 | DS-11 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 29 | 35/1 | DS-12 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 30 | 35/1 | DS-13 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 31 | 35/1 | DS-14 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 32 | 35/1 | DS-15 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 33 | 35/1 | DS-16 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 34 | 35/1 | DS-17 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 |
| 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 |
| 39 | 35/3 | DS-4 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Sluice in operation. |

Table 3-24: 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 July, 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 |
| 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 |
| 6 | 33 | FS-6 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 7 | 33 | FS-8 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 8 | 33 | FS-9 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 |
| 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 |
| 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 |
| 16 | 35/1 | FS-2 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 17 | 35/1 | FS-4 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 18 | 35/1 | FS-5 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 |
| 21 | 35/1 | FS-12 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 22 | 35/1 | FS-13 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 |
| 26 | 35/1 | FS-17 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 27 | 35/1 | FS-18 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 28 | 35/1 | FS-19 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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.Instruction from Dhaka office that FS-21 needs to be constructed. BWDB land to be identified by Resettlement |
| 30 | 35/1 | FS-22 | Completed | N | NA | 100% | 100% | 100% | 100% | 100% | Gate and hoisting system not yet installed as per revised design |
| 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 3-25: 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 July 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 operation |
| 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 rd. 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 rd. Embankment (FO-04) |
| 17 | 1 | 32 | FO-05 | Dropped | | | | | | | NA | Outside the rd. Embankment (FO-05) |
| 18 | 1 | 32 | FO-06 | Dropped | | | | | | | NA | Outside the rd. 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 3-26: 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 July, 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% | Rest will be completed after construction of D-10. |
| 4 | 32 | 1.00 | N | NA | Completed | 15.00 | 16.00 | 100% | 100% | 100% | 100% | 1.000 | 100.00% | 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 is in progress. Location sifted 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 | Completed | 2.30 | 3.30 | 100% | 100% | 100% | 100% | 1.000 | 100.00% | Work Completed. |
| 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 of embankment, pitching work will be done. |
| 12 | 35/1 | 0.75 | N | NA | Completed | 8.00 | 8.75 | 100% | 100% | 100% | 100% | 0.750 | 100.00% | Resectioning of embankment not yet completed. After completion of embankment work will be done. |
| 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 pitching work can not be started. |
| 14 | 35/1 | 3.00 | N | NA | Ongoing | 14.00 | 17.00 | 100% | 100% | 85% | 85% | 1.900 | 97.00% | 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% | 90% | 90% | 2.700 | 98.00% | 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 | | | | | | | | | | 14.366 | | |

Table 3-27: 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 July 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 receiving 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 | | |

Table 3-28: 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 (31 July, 2020) | m | LA - Current Status | Remarks |
|---------------------------------|----------------|--------|--|------------------------|---------------------------|-------------------------------------|---|---------------------|------------------|
| Closure Dam Construction | | | | | | | | | |
| 1 | Nalian Closure | 32 | 100.00% | 100% | 97% | 98.35% | N | NA | Work in progress |

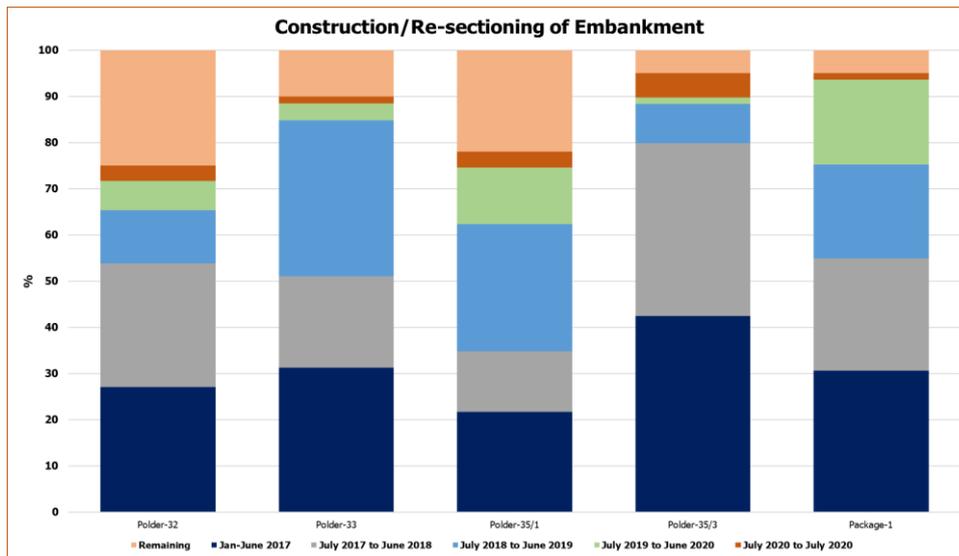


Figure 3-2: Construction/Re-sectioning of Embankment of Package-1

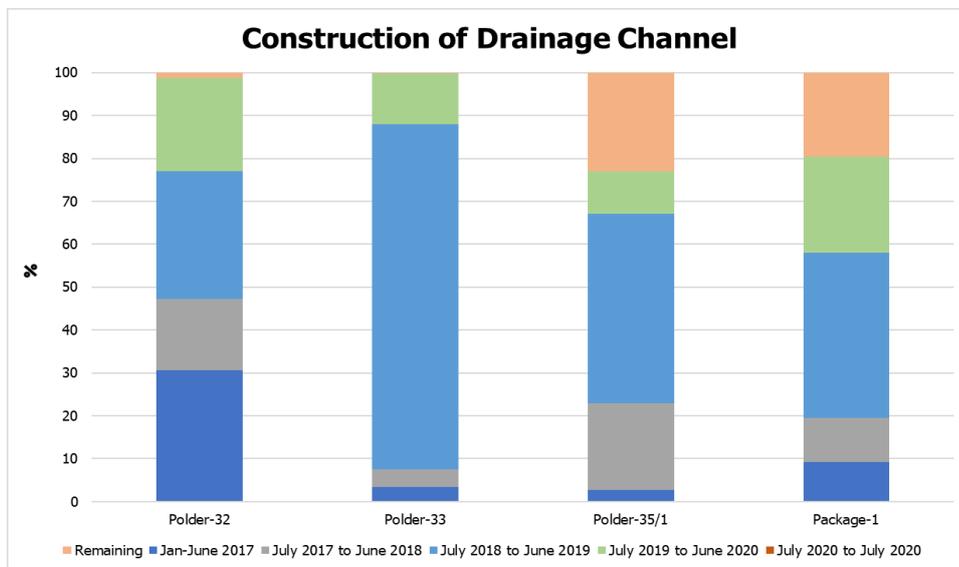


Figure 3-3: Drainage Channel of Package-1

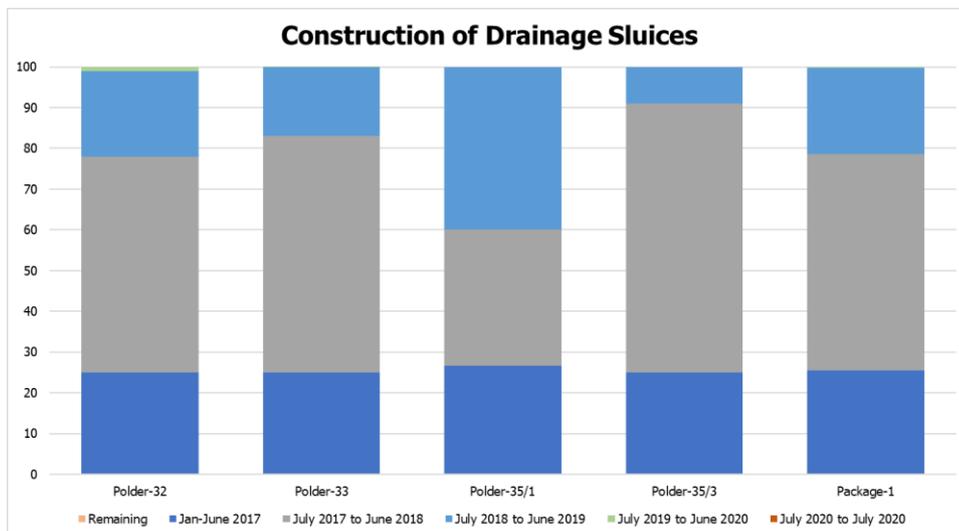


Figure 3-4: Construction of Drainage Sluices of Package-1

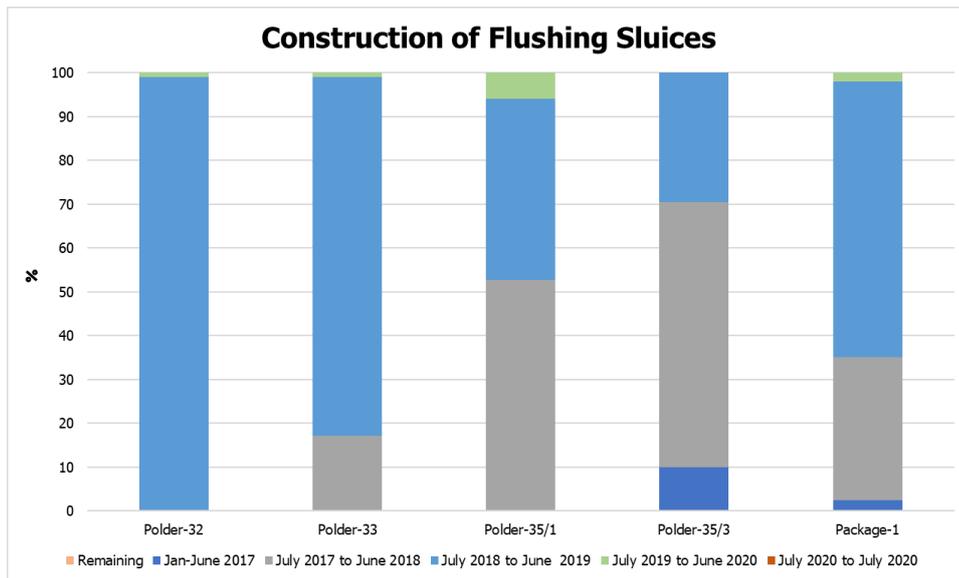


Figure 3-5: Construction of Flushing Sluice of Package-1

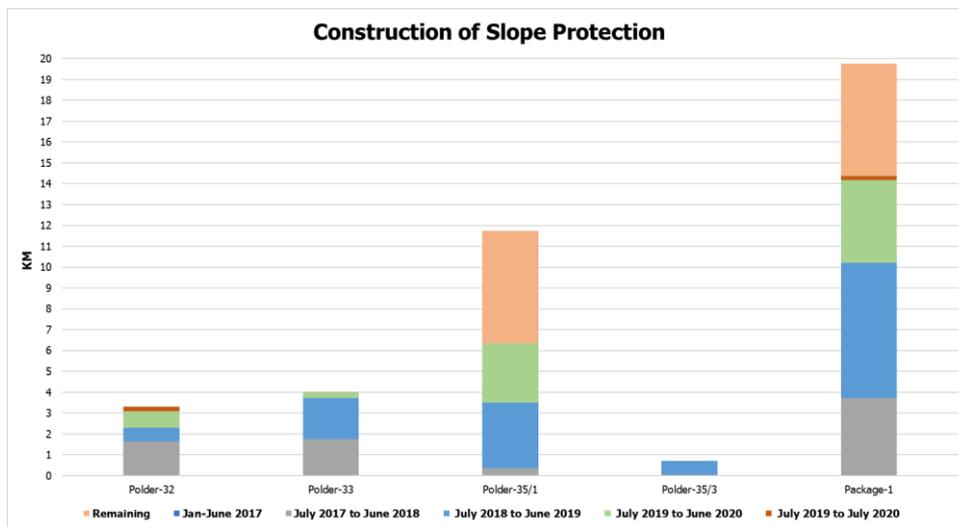


Figure 3-6: Construction of Slope Protection of Package-1

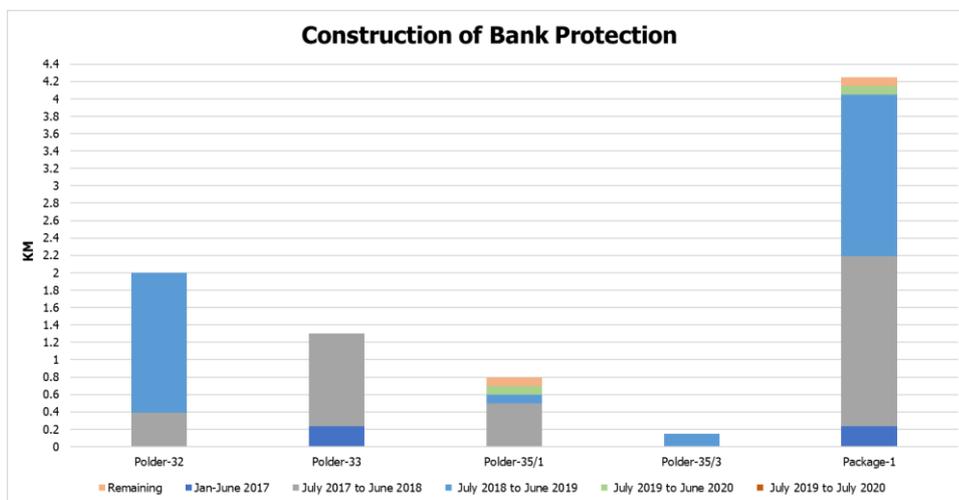


Figure 3-7: Construction of Bank Protection works of Package-1

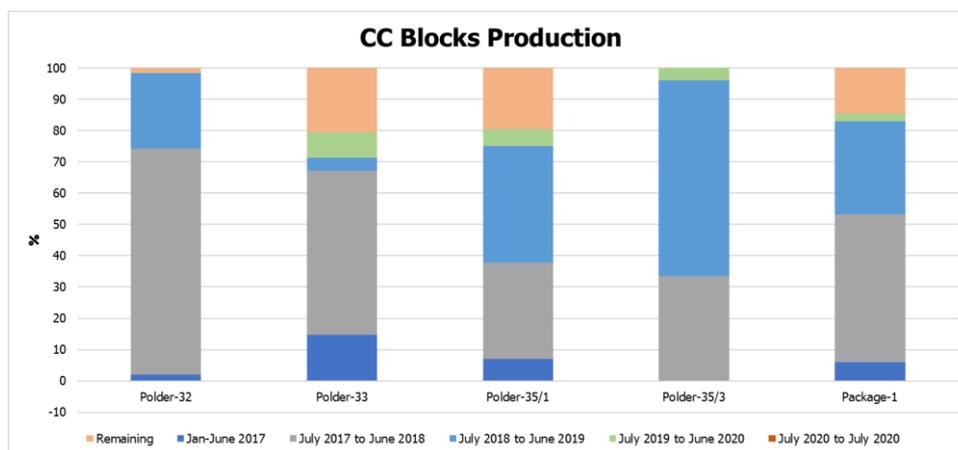


Figure 3-8: CC Blocks Production of Package-1

Table 3-29: CC Blocks Production as on July, 2020

| 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 30 June 2020 | Production during July 2020 | | | | | Cumulative Total as of 31 July 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 | 1,285,083 | 0 | 0 | 0 | 0 | 0 | 1,285,083 |
| 2 | 35/1 | 3,628,073 | 37,398 | 372,432 | 2,911,991 | 0 | 0 | 0 | 0 | 0 | 2,911,991 |
| 3 | 35/3 | 220,567 | 60,620 | 369,555 | 220,567 | 0 | 0 | 0 | 0 | 0 | 220,567 |
| | Total = | 7,386,429 | 178,329 | 1,424,844 | 6,304,481 | 0 | 0 | 0 | 0 | 0 | 6,304,481 |



Figure 3-9: Completed Embankment in Polder-32



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



Figure 3-11: Completed DS of Polder-32



Figure 3-12: DS-9 of Polder-33



Figure 3-13: DS-10 of Polder-33



Figure 3-14: Completed Slope Protection Works in Polder-32



Figure 3-15: Nalian Closure Dam of Polder-32 (ongoing)

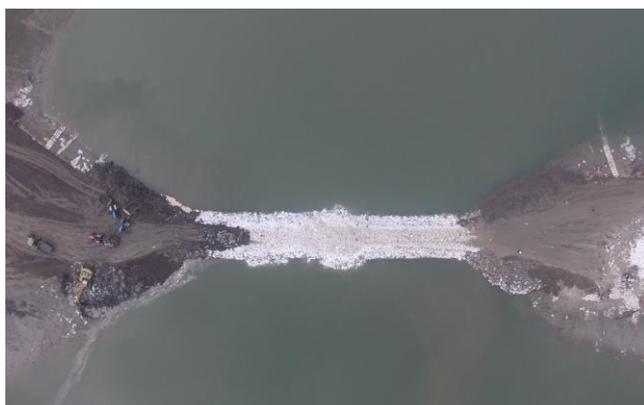


Figure 3-16: Nalian Closure Dam of Polder-32 (ongoing)



Figure 3-17: DS-6 of Polder-35/1



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



Figure 3-19: FS-13 of Polder-35/1



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



Figure 3-21: DS-3 of Polder-35/3



Figure 3-22: 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 3-30 and Table 3-31 below:

Table 3-30: 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 3-31: 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. |
| 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 3-32 below man power deployment for Contract Package-1 is listed and sample check has been done by the Consultants.

Table 3-32: List of Polder-wise Manpower Deployed to the Site of Package-1

| SN | Description | Sub-Total | | Khulna | | Polder 32 | | Polder 33 | | Polder 35/1 | | Polder 35/3 | |
|--------------|---------------------|-----------|------------|-----------|-----------|-----------|------------|-----------|------------|-------------|------------|-------------|-----------|
| | | Ex. | Lo. | Ex. | Lo. | Ex. | Lo. | Ex. | Lo. | Ex. | Lo. | Ex. | Lo. |
| 1 | Management | 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 2 | Technical Staff | 35 | 47 | 11 | 8 | 8 | 6 | 5 | 12 | 3 | 7 | 3 | 10 |
| 3 | Operator/ Driver | 4 | 124 | 0 | 2 | 0 | 40 | 0 | 22 | 1 | 24 | 0 | 30 |
| 4 | Skilled Worker | 3 | 74 | 0 | 3 | 1 | 19 | 0 | 16 | 1 | 32 | 0 | 14 |
| 5 | Common Labor | 1 | 290 | 0 | 4 | 0 | 36 | 1 | 150 | 0 | 40 | 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 3-33: 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 manufacturing machine | Batching plant | Positioning ship | Survey Vessel | Barge | Wheel Loader | B.dozer/S.F roller/ Compactor (150HP) (nos.) | Dum Truck /Carry Scraper/ Tractor carrier | Excavator | Concrete Mix Machine/Trans it mixer | Sand pile driving equipment | Sheet pile driving equipment | CC block manufacturing 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 3-37.

Table 3-34: 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. The IPC No.22 |

| IPC No. | Month of Submission | Forecast Value of IPC | Remark |
|--------------|---------------------|-----------------------|---|
| | | | was returned back from PD's office vide Memo No. CEIP-1/W-1/308 dated:13 th May,2020 with some observations. As per observations of the PMU the IPC has been reviewed & re-casted and sent to PMU vide Engineer's RDCOR-BC5883-100_L002584_JHL_MAR dated: 22 nd May, 2020.The amount of IPC-22 has already been paid. |
| IPC-26 | Apr. 2020 | 218,034,253 | No IPC was submitted in the month of April,2020. |
| IPC-27 | May. 2020 | 210,790,590 | No IPC was submitted in the month of May,2020. |
| IPC-28 | Jun. 2020 | 505,492,543 | IPC No. 23 was submitted by the Contractor with the value of BDT: 436,726,769.96 which was reviewed by the Engineer and submitted to the Employer on 30 June, 2020 with recommendation for payment. |
| IPC-29 | Jun. 2020 | 230,653,099 | |
| Total | | 1,925,555,088 | |

3.4.6 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 July, 2020 are shown below:

Table 3-35: 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 3-36: 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 | 5.618 | 26,937,751 |
| 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 = | | 13.424 | 81,834,047 |

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

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

Bangladesh Water Development Board (BWDB)
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| Sl. No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|---------|-------------|---------------|-------------|-------------|--------------------------|------------------------|-----------------------|--------------------------------|------------|
| 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 |
| 31. | Polder-35/1 | 24.430 | 24.500 | 0.070 | Sarankhola | 23-Apr-17 | 1,793,272.30 | Environmental Mitigation Works | FY 2016-17 |

Bangladesh Water Development Board (BWDB)
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| Sl. No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------------|-------------|---------------|-------------|--------------|--------------------|------------------------|-----------------------|--------------------------------|------------|
| 32. | Polder-35/1 | 2.100 | 2.466 | 0.366 | Baleswar | 8-May-17 | 609,128.55 | Environmental Mitigation Works | FY 2016-17 |
| 33. | Polder-35/1 | 24.673 | 24.864 | 0.191 | Bogi | 19-Jun-17 | 2,080,957.39 | Environmental Mitigation Works | FY 2016-17 |
| 34. | Polder-35/1 | 24.703 | 24.864 | 0.161 | Southkhali | 21-Jun-17 | 2,080,957.39 | Environmental Mitigation Works | FY 2016-17 |
| 35. | Polder-35/3 | 7.176 | 7.905 | 0.729 | Panchamala of Dema | 22-Mar-16 | 533,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 36. | Polder-35/3 | 9.558 | 9.597 | 0.039 | Panchamala of Dema | 22-Mar-16 | 23,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 37. | Polder-35/3 | 9.815 | 9.887 | 0.072 | Panchamala of Dema | 22-Mar-16 | 34,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 38. | Polder-35/3 | 29.865 | 29.965 | 0.100 | Radhaballab | 27-Mar-16 | 1,070,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 39. | Polder-35/3 | 3.394 | 3.494 | 0.100 | MollikerBer | 27-Apr-17 | 418,530.02 | Environmental Mitigation Works | FY 2016-17 |
| Total | | | | 7.662 | | | 39,991,142 | | |

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

| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|-----------------------|------------------------|-----------------------|------------------------------|------------|
| 1. | Polder-35/3 | 9.867 | 9.917 | 0.050 | MollikerBer | 22-Mar-16 | 26,000.00 | Physical & Price Contingency | FY 2016-17 |
| 2. | Polder-35/3 | 13.067 | 13.187 | 0.120 | Radhaballab | 27-Mar-16 | 1,120,000.00 | Physical & Price Contingency | FY 2015-16 |
| 3. | Polder-35/3 | 13.573 | 13.610 | 0.037 | Radhaballab | 27-Mar-16 | 123,000.00 | Physical & Price Contingency | FY 2015-16 |
| 4. | Polder-32 | 44.957 | 45.083 | 0.126 | Kalabogi | 1-May-16 | 926,000.00 | Physical & Price Contingency | FY 2018-19 |
| 5. | Polder-32 | 16.298 | 16.525 | 0.227 | Jaliakhali | 7-May-16 | 1,200,000.00 | Physical & Price Contingency | FY 2017-18 |
| 6. | Polder-35/1 | 20.020 | 20.308 | 0.288 | Sarankhola | 1-Jul-16 | 2,800,000.00 | Physical & Price Contingency | FY 2017-18 |
| 7. | Polder-35/3 | 0.127 | 0.168 | 0.041 | MollikerBer | 27-Jul-16 | 550,000.00 | Physical & Price Contingency | FY 2016-17 |
| 8. | Polder-33 | 17.465 | 17.595 | 0.130 | Ramnagar | 1-Aug-16 | 865,000.00 | Physical & Price Contingency | FY 2016-17 |
| 9. | Polder-35/1 | 24.400 | 24.457 | 0.057 | Sarankhola | 1-Aug-16 | 812,000.00 | Physical & Price Contingency | FY 2016-17 |
| 10. | Polder-32 | 3.093 | 3.633 | 0.540 | Gunari of Sutharkhali | 2-Aug-16 | 277,000.00 | Physical & Price Contingency | FY 2016-17 |
| 11. | Polder-32 | 19.165 | 19.265 | 0.100 | Kamarkhola | 2-Aug-16 | 625,000.00 | Physical & Price Contingency | FY 2017-18 |
| 12. | Polder-33 | 48.575 | 48.658 | 0.083 | Banishanta | 16-Aug-16 | 594,000.00 | Physical & Price Contingency | FY 2017-18 |
| 13. | Polder-33 | 48.930 | 49.050 | 0.120 | Banisanta | 24-Aug-16 | 1,780,283.00 | Physical & Price Contingency | FY 2016-17 |
| 14. | Polder-35/3 | 38.585 | 38.904 | 0.319 | MollikerBer | 28-Aug-16 | 158,010.00 | Physical & Price Contingency | FY 2016-17 |
| 15. | Polder-35/3 | 36.625 | 36.665 | 0.040 | Rampal | 31-Aug-16 | | Physical & Price Contingency | FY 2016-17 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|--------------------------|------------------------|-----------------------|------------------------------|------------|
| 16. | Polder-35/3 | 13.209 | 13.242 | 0.033 | Radhaballab | 8-Oct-16 | 445,000.00 | Physical & Price Contingency | FY 2017-18 |
| 17. | Polder-35/3 | 13.343 | 13.366 | 0.023 | Same as 13.209 to 13.242 | 8-Oct-16 | | Physical & Price Contingency | FY 2017-18 |
| 18. | Polder-35/3 | 13.483 | 13.510 | 0.027 | Same as 13.209 to 13.242 | 8-Oct-16 | | Physical & Price Contingency | FY 2017-18 |
| 19. | Polder-32 | 3.103 | 3.241 | 0.138 | Gunari of Sutharkhali | 31-Oct-16 | 593,800.00 | Physical & Price Contingency | FY 2016-17 |
| 20. | Polder-32 | 24.759 | 24.859 | 0.100 | Sharankhola | 14-Nov-16 | 1,859,614.00 | Physical & Price Contingency | FY 2017-18 |
| 21. | Polder-32 | 25.659 | 25.719 | 0.060 | Kamarkhola | 17-Nov-16 | 415,302.00 | Physical & Price Contingency | FY 2016-17 |
| 22. | Polder-32 | 8.350 | 8.385 | 0.035 | Kalibari | 1-Dec-16 | 60,000.00 | Physical & Price Contingency | FY 2016-17 |
| 23. | Polder-32 | 19.150 | 19.225 | 0.075 | Kamarkhola | 5-Apr-17 | 40,000.00 | Physical & Price Contingency | FY 2017-18 |
| 24. | Polder-32 | 31.345 | 31.387 | 0.042 | Sutarkhali | 27-Apr-17 | 84,867.18 | Physical & Price Contingency | FY 2017-18 |
| 25. | Polder-35/3 | 2.826 | 2.948 | 0.122 | MollikerBer | 27-Apr-17 | 408,850.00 | Physical & Price Contingency | FY 2017-18 |
| 26. | Polder-32 | 8.321 | 8.414 | 0.093 | Kalibari | 1-May-17 | 530,000.00 | Physical & Price Contingency | FY 2017-18 |
| 27. | Polder-35/3 | 0.130 | 0.170 | 0.040 | MollikerBer | 7-May-17 | 287,000.00 | Physical & Price Contingency | FY 2017-18 |
| 28. | Polder-35/3 | 9.900 | 10.050 | 0.150 | Dema | 7-May-17 | 1,046,761.94 | Physical & Price Contingency | FY 2016-17 |
| 29. | Polder-32 | 45.506 | 45.518 | 0.012 | Kalabogi | 10-May-17 | 32,000.00 | Physical & Price Contingency | FY 2017-18 |
| 30. | Polder-33 | 1.070 | 1.116 | 0.046 | Dhangmari | 25-May-17 | 31,798.00 | Physical & Price Contingency | FY 2017-18 |
| 31. | Polder-33 | 0.005 | 0.060 | 0.055 | Banishanta | 1-Jun-17 | 344,069.00 | Physical & Price Contingency | FY 2016-17 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|---------------------------|------------------------|-----------------------|------------------------------|------------|
| 32. | Polder-35/3 | 13.110 | 13.148 | 0.038 | Radhabollov | 3-Jun-17 | 379,048.09 | Physical & Price Contingency | FY 2016-17 |
| 33. | Polder-35/3 | 13.569 | 13.602 | 0.033 | Same as 13.110 to 13.148 | 3-Jun-17 | 0.00 | Physical & Price Contingency | FY 2016-17 |
| 34. | Polder-35/3 | 30.000 | 30.070 | 0.070 | Rampal | 12-Jun-17 | 17,000.00 | Physical & Price Contingency | FY 2017-18 |
| 35. | Polder-32 | 36.179 | 36.268 | 0.089 | Sutarkhali | 22-Jun-17 | 164,657.00 | Physical & Price Contingency | FY 2016-17 |
| 36. | Polder-32 | 8.600 | 8.670 | 0.070 | Kalibari | 26-Jun-17 | 150,000.00 | Physical & Price Contingency | FY 2017-18 |
| 37. | Polder-35/3 | 7.000 | 7.007 | 0.007 | Panchamala of Dema | 5-Jul-17 | 14,000.00 | Physical & Price Contingency | FY 2018-19 |
| 38. | Polder-32 | 8.650 | 8.713 | 0.063 | Kamarkhola | 6-Jul-17 | 113,492.00 | Physical & Price Contingency | FY 2017-18 |
| 39. | Polder-32 | 45.549 | 45.731 | 0.182 | Sutarkhali | 12-Jul-17 | 1,338,310.00 | Physical & Price Contingency | FY 2017-18 |
| 40. | Polder-35/3 | 37.500 | 37.550 | 0.050 | Rampal | 17-Jul-17 | 9,543.00 | Physical & Price Contingency | FY 2017-18 |
| 41. | Polder-35/3 | 37.624 | 37.774 | 0.150 | MollikerBer | 17-Jul-17 | 34,000.00 | Physical & Price Contingency | FY 2017-18 |
| 42. | Polder-35/3 | 10.040 | 10.085 | 0.045 | Panchamala of Dema | 18-Jul-17 | 51,276.00 | Physical & Price Contingency | FY 2017-18 |
| 43. | Polder-35/3 | 10.000 | 10.040 | 0.040 | Panchamala of Dema | 19-Jul-17 | 45,269.00 | Physical & Price Contingency | FY 2017-18 |
| 44. | Polder-35/3 | 37.130 | 37.325 | 0.195 | MollikerBer | 19-Jul-17 | 30,064.00 | Physical & Price Contingency | FY 2018-19 |
| 45. | Polder-35/3 | 38.560 | 38.980 | 0.420 | MollikerBer | 20-Jul-17 | 41,290.00 | Physical & Price Contingency | FY 2017-18 |
| 46. | Polder-32 | 16.078 | 16.326 | 0.248 | Jhaliakhali of Kamarkhola | 25-Jul-17 | 1,181,802.00 | Physical & Price Contingency | FY 2017-18 |
| 47. | Polder-35/3 | 5.500 | 5.570 | 0.070 | Basbaria | 25-Jul-17 | 20,270.00 | Physical & Price Contingency | FY 2018-19 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|------------------------------|------------------------|-----------------------|------------------------------|------------|
| 48. | Polder-35/3 | 10.085 | 10.120 | 0.035 | Panchamala of Dema | 19-Aug-17 | 39,819.00 | Physical & Price Contingency | FY 2018-19 |
| 49. | Polder-35/3 | 10.120 | 10.160 | 0.040 | Panchamala of Dema | 20-Aug-17 | 45,269.00 | Physical & Price Contingency | FY 2018-19 |
| 50. | Polder-32 | 13.604 | 13.644 | 0.040 | Sutarkhali | 21-Aug-17 | 311,091.06 | Physical & Price Contingency | FY 2017-18 |
| 51. | Polder-32 | 19.141 | 19.277 | 0.136 | Kamarkhola | 22-Aug-17 | 122,307.32 | Physical & Price Contingency | FY 2017-18 |
| 52. | Polder-35/3 | 29.600 | 29.700 | 0.100 | Khagraghat | 26-Aug-17 | 40,395.00 | Physical & Price Contingency | FY 2018-19 |
| 53. | Polder-35/3 | 29.800 | 29.950 | 0.150 | Same as Ch. 29.600 to 29.700 | 26-Aug-17 | | Physical & Price Contingency | FY 2018-19 |
| 54. | Polder-32 | 8.586 | 8.729 | 0.143 | Kamarkhola | 27-Aug-17 | 922,055.59 | Physical & Price Contingency | FY 2017-18 |
| 55. | Polder-32 | 3.130 | 3.180 | 0.050 | Gunari of Sutharkhali | 11-Sep-17 | 317,883.95 | Physical & Price Contingency | FY 2017-18 |
| 56. | Polder-35/3 | 13.350 | 13.387 | 0.037 | Bagerhat | 18-Sep-17 | 268,708.79 | Physical & Price Contingency | FY 2017-18 |
| 57. | Polder-33 | 1.086 | 1.127 | 0.041 | Banishanta | 19-Sep-17 | 432,185.30 | Physical & Price Contingency | FY 2017-18 |
| 58. | 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 |
| 59. | Polder-35/1 | 24.475 | 24.537 | 0.062 | Bagi | 19-Sep-17 | 761,484.52 | Physical & Price Contingency | FY 2016-17 |
| 60. | Polder-33 | 49.047 | 49.075 | 0.028 | Banisanta | 21-Sep-17 | 310,880.00 | Physical & Price Contingency | FY 2018-19 |
| 61. | Polder-32 | 16.078 | 16.326 | 0.248 | Jhaliakhali of Kamarkhola | 28-Sep-17 | 1,154,217.71 | Physical & Price Contingency | FY 2017-18 |
| 62. | Polder-33 | 49.000 | 49.045 | 0.045 | Banisanta | 10-Oct-17 | 324,000.00 | Physical & Price Contingency | FY 2018-19 |
| 63. | Polder-33 | 49.022 | 49.099 | 0.077 | Banisanta | 11-Oct-17 | 337,240.00 | Physical & Price Contingency | FY 2018-19 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|---------------------------|------------------------|-----------------------|------------------------------|------------|
| 64. | Polder-35/1 | 24.366 | 24.454 | 0.088 | Bagi | 30-Oct-17 | 1,372,087.83 | Physical & Price Contingency | FY 2017-18 |
| 65. | Polder-35/1 | 24.594 | 24.666 | 0.072 | Bagi | 30-Oct-17 | 1,352,571.65 | Physical & Price Contingency | FY 2017-18 |
| 66. | Polder-32 | 8.060 | 8.100 | 0.040 | Kalibari | 18-Nov-17 | 77,000.00 | Physical & Price Contingency | FY 2018-19 |
| 67. | Polder-35/1 | 24.273 | 24.340 | 0.067 | Southkhali | 27-Nov-17 | 1,370,419.82 | Physical & Price Contingency | FY 2017-18 |
| 68. | Polder-35/1 | 24.759 | 24.859 | 0.100 | Southkhali | 30-Nov-17 | 1,801,033.32 | Physical & Price Contingency | FY 2017-18 |
| 69. | Polder-35/1 | 24.865 | 24.955 | 0.090 | Southkhali | 3-Dec-17 | 1,203,275.08 | Physical & Price Contingency | FY 2017-18 |
| 70. | Polder-35/1 | 23.788 | 23.823 | 0.035 | Southkhali | 10-Jan-18 | 290,938.46 | Physical & Price Contingency | FY 2018-19 |
| 71. | Polder-32 | 16.030 | 16.300 | 0.270 | Jhaliakhali of Kamarkhola | 25-Mar-18 | 1,033,085.00 | Physical & Price Contingency | FY 2017-18 |
| 72. | Polder-35/1 | 23.812 | 24.014 | 0.202 | Southkhali | 24-Apr-18 | 394,032.65 | Physical & Price Contingency | FY 2017-18 |
| 73. | Polder-35/1 | 24.525 | 24.605 | 0.080 | Bagi | 9-May-18 | 1,539,821.57 | Physical & Price Contingency | FY 2017-18 |
| 74. | Polder-33 | 48.850 | 49.100 | 0.250 | Banisanta | 16-May-18 | 2,480,308.98 | Physical & Price Contingency | FY 2017-18 |
| 75. | Polder-35/1 | 24.164 | 24.251 | 0.087 | Sarankhola | 16-May-18 | 1,847,015.74 | Physical & Price Contingency | FY 2017-18 |
| 76. | Polder-32 | 41.570 | 41.620 | 0.050 | Sutarkhali | 22-May-18 | 468,884.00 | Physical & Price Contingency | FY 2017-18 |
| 77. | Polder-35/1 | 23.988 | 24.028 | 0.040 | Sarankhola | 24-May-18 | 355,507.00 | Physical & Price Contingency | FY 2018-19 |
| 78. | Polder-32 | 16.240 | 16.300 | 0.060 | Jhaliakhali of Kamarkhola | 25-May-18 | 30,358.00 | Physical & Price Contingency | FY 2017-18 |
| 79. | Polder-32 | 16.504 | 16.592 | 0.088 | Jhaliakhali of Kamarkhola | 4-Jun-18 | 539,967.00 | Physical & Price Contingency | FY 2017-18 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|-------------------------------------|------------------------|-----------------------|------------------------------|------------|
| 80. | Polder-32 | 16.135 | 16.395 | 0.260 | Jhaliakhali of Kamarkhola | 5-Jun-18 | 1,712,969.00 | Physical & Price Contingency | FY 2017-18 |
| 81. | Polder-32 | 2.805 | 2.850 | 0.045 | Gunari of Sutharkhali | 7-Jun-18 | 287,852.00 | Physical & Price Contingency | FY 2017-18 |
| 82. | Polder-35/3 | 9.873 | 10.083 | 0.210 | Panchamala of Dema | 23-Jul-18 | 1,635,916.00 | Physical & Price Contingency | FY 2018-19 |
| 83. | Polder-35/3 | 13.055 | 13.155 | 0.100 | Radhabollov of Karapara | 23-Jul-18 | 1,564,711.00 | Physical & Price Contingency | FY 2018-19 |
| 84. | Polder-35/3 | 13.283 | 13.315 | 0.032 | Same amount of ch. 13.055 to 13.155 | 23-Jul-18 | | Physical & Price Contingency | FY 2018-19 |
| 85. | Polder-35/3 | 13.345 | 13.400 | 0.055 | Same amount of ch. 13.055 to 13.155 | 23-Jul-18 | | Physical & Price Contingency | FY 2018-19 |
| 86. | Polder-35/1 | 24.252 | 24.329 | 0.077 | Southkhali | 29-Jul-18 | 1,961,705.54 | Physical & Price Contingency | FY 2018-19 |
| 87. | Polder-32 | 2.765 | 2.858 | 0.093 | Gunari of Sutharkhali | 1-Aug-18 | 474,946.00 | Physical & Price Contingency | FY 2018-19 |
| 88. | Polder-32 | 16.400 | 16.445 | 0.045 | Jhaliakhali of Kamarkhola | 1-Aug-18 | 258,751.00 | Physical & Price Contingency | FY 2018-19 |
| 89. | Polder-32 | 36.317 | 36.365 | 0.048 | Sutarkhali | 1-Aug-18 | 307,884.00 | Physical & Price Contingency | FY 2018-19 |
| 90. | Polder-32 | 43.115 | 43.155 | 0.040 | Thursday Bazar, Sutarkhali | 1-Aug-18 | 129,624.00 | Physical & Price Contingency | FY 2018-19 |
| 91. | Polder-33 | 48.868 | 49.087 | 0.219 | Banisanta | 1-Aug-18 | 1,097,128.00 | Physical & Price Contingency | FY 2018-19 |
| 92. | Polder-32 | 36.225 | 36.341 | 0.116 | Sutarkhali | 11-Aug-18 | 150,000.00 | Physical & Price Contingency | FY 2017-18 |
| 93. | Polder-33 | 21.730 | 21.800 | 0.070 | Dacope | 11-Aug-18 | 464,469.00 | Physical & Price Contingency | FY 2018-19 |
| 94. | Polder-33 | 0.235 | 0.280 | 0.045 | Baniashanta | 13-Aug-18 | 416,831.00 | Physical & Price Contingency | FY 2018-19 |

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

| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|-------------|---------------|-------------|-------------|--|------------------------|-----------------------|------------------------------|------------|
| 95. | Polder-33 | 48.653 | 48.741 | 0.088 | Banisanta | 13-Aug-18 | 1,672,456.00 | Physical & Price Contingency | FY 2018-19 |
| 96. | 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 |
| 97. | Polder-32 | 44.900 | 45.120 | 0.220 | Sutarkhali | 20-Aug-18 | 508,047.00 | Physical & Price Contingency | FY 2018-19 |
| 98. | Polder-33 | 1.200 | 1.242 | 0.042 | Baniashanta | 20-Aug-18 | 294,835.00 | Physical & Price Contingency | FY 2018-19 |
| 99. | Polder-33 | 48.892 | 48.972 | 0.080 | Banisanta | 11-Sep-18 | 497,585.00 | Physical & Price Contingency | FY 2018-19 |
| 100. | Polder-35/1 | 24.590 | 24.765 | 0.175 | Southkhali | 12-Sep-18 | 2,063,945.09 | Physical & Price Contingency | FY 2018-19 |
| 101. | Polder-32 | 16.325 | 16.398 | 0.073 | Jaliakhali | 18-Oct-18 | 706,605.00 | Physical & Price Contingency | FY 2018-19 |
| 102. | 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 |
| 103. | Polder-32 | 30.568 | 30.618 | 0.050 | Sutarkhali | 18-Oct-18 | 90,967.00 | Physical & Price Contingency | FY 2018-19 |
| 104. | Polder-35/1 | 23.988 | 24.028 | 0.040 | Sarankhola | 10-Jan-19 | 257,635.10 | Physical & Price Contingency | FY 2018-19 |
| 105. | Polder-35/1 | 24.094 | 24.154 | 0.060 | Sarankhola | 10-Jan-19 | 535,364.22 | Physical & Price Contingency | FY 2018-19 |
| 106. | Polder-35/1 | 24.815 | 24.913 | 0.098 | Sarankhola | 12-Mar-19 | 2,355,290.74 | Physical & Price Contingency | FY 2018-19 |
| 107. | Polder-35/1 | 24.528 | 24.598 | 0.070 | Sarankhola | 12-Mar-19 | 445,810.12 | Physical & Price Contingency | FY 2018-19 |
| 108. | Polder-32 | 44.575 | 44.826 | 0.251 | Kalabogi | 23-Jun-19 | 1,663,527.00 | Physical & Price Contingency | FY 2018-19 |
| 109. | Polder-35/1 | 23.967 | 25.190 | 1.223 | Southkhali | 11-Jul-19 | 5,466,200.55 | Physical & Price Contingency | FY 2019-20 |
| 110. | Polder-33 | 48.866 | 49.020 | 0.154 | Banisanta | 22-Jul-19 | 1,456,203.79 | Physical & Price Contingency | FY 2019-20 |

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

| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|---------------|-------------|---------------|-------------|---------------|-------------------|------------------------|-----------------------|------------------------------|------------|
| 111. | Polder-35/1 | 23.750 | 23.910 | 0.160 | Bagi | 28-Jul-19 | 3,088,391.80 | Physical & Price Contingency | FY 2019-20 |
| 112. | Polder-32 | 30.905 | 31.070 | 0.165 | Sutarkhali | 1-Oct-19 | 1,153,060.25 | Physical & Price Contingency | FY 2019-20 |
| 113. | Polder-35/3 | 33.050 | 33.090 | 0.040 | Betbunia | 17-Dec-19 | 486,087.03 | Physical & Price Contingency | FY 2019-20 |
| 114. | Polder-32 | 18.787 | 19.117 | 0.330 | Hatkhola | 3-May-20 | 1,928,199.75 | Physical & Price Contingency | FY 2019-20 |
| 115. | Polder-32 | 30.890 | 31.082 | 0.192 | Sutarkhali | 7-May-20 | 1,132,902.26 | Physical & Price Contingency | FY 2019-20 |
| 116. | Polder-32 | 45.620 | 45.860 | 0.240 | Kalabogi | 7-May-20 | 1,863,723.28 | Physical & Price Contingency | FY 2019-20 |
| 117. | Polder-35/1 | 23.788 | 23.833 | 0.045 | Sarankhola | | 535,205.00 | Physical & Price Contingency | FY 2018-19 |
| Total= | | | | 13.424 | | | 81,834,047.07 | | |

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

3.5.1 Introduction

The MPR covers all major site activities executed in each of the six Polders up to 31st July, 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.

The item wise physical progress is reflected in the Table 3-24.

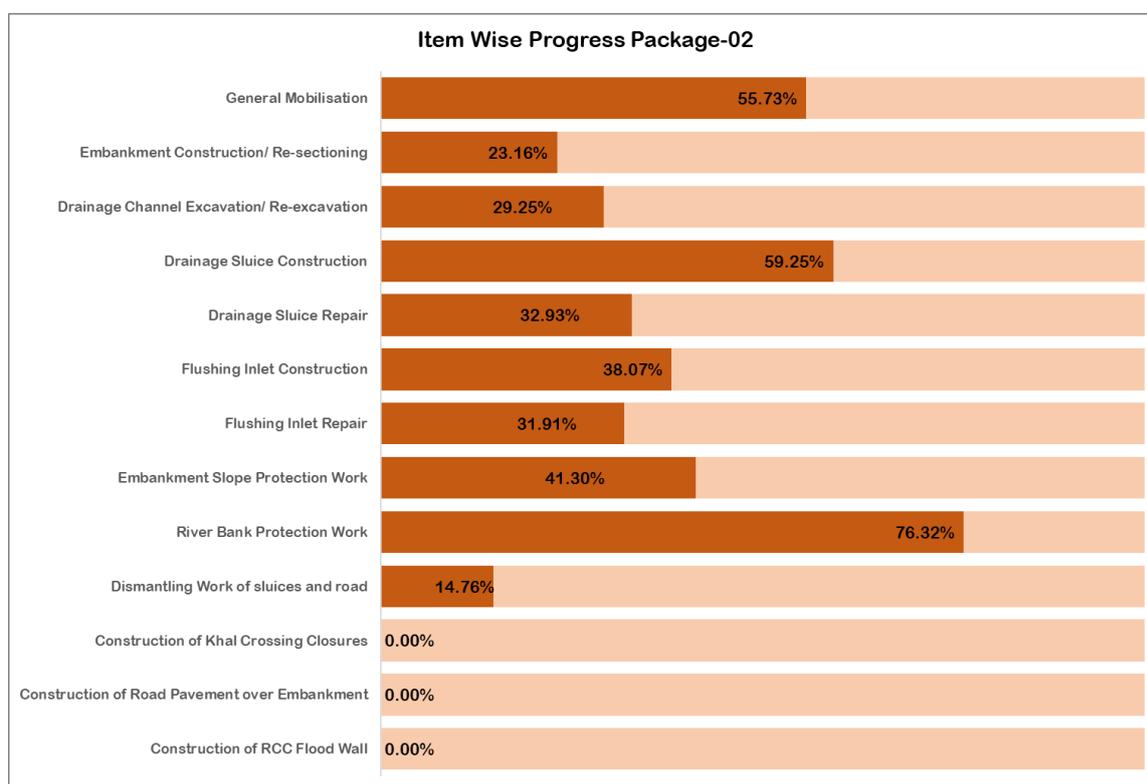


Figure 3-23: Item Wise Progress of Package-2

3.5.2 Physical Progress (Mile Stone Matrix)

Table 3-39: Physical Works Status of Package-02 as on 30 July, 2020

| Item | Unit | RF Target | Revised Quantity | Tentative Program FY 2020-2021 | | Cumulative upto June 2020 | | Cumulative upto 30 June 2020 | | Current Month | | Cumulative upto 31 July 2020 | | Cumulative During FY 2020-21 | |
|---|------|-----------|------------------|--------------------------------|------|---------------------------|---------------------|------------------------------|---------------------|---------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|
| | | | | Full | Part | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11=(13-9) | 12 | 13 | 14 | 15=(13-7) | 16 |
| General Mobilization | LS | - | - | - | 0 | 55.73% | | 55.73% | | 0.00% | | 55.73% | | 0.00% | |
| Embankment Construction/Re-sectioning | Km | 208.051 | 208.026 | 11.00 | 0 | 36.11 | 21.12 | 36.106 | 21.124 | 0.000 | 21.124 | 36.106 | 21.124 | 0.00 | 21.124 |
| | | | | | | 23.16% | | 23.16% | | 0.00% | | 23.16% | | 0.00% | |
| Drainage Channel Excavation/Re-excavation | Km | 154.630 | 154.558 | 8.00 | 0 | 25.981 | 0 | 25.981 | 0.000 | 0.000 | 0.000 | 25.981 | 0 | 0.00 | 0.00 |
| | | | | | | 29.25% | | 29.25% | | 0.00% | | 29.25% | | 0.00% | |
| Drainage Sluice Construction | No. | 50 | 50 | 11 | 0 | 0 | 35 | 0 | 35 | 0 | 35 | 0 | 35 | 0 | 35 |
| | | | | | | 59.26% | | 59.26% | | -0.01% | | 59.25% | | -0.01% | |
| Drainage Sluice Repair | No. | 6 | 6 | 6 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| | | | | | | 33.19% | | 33.19% | | -0.26% | | 32.93% | | -0.26% | |
| Flushing Inlet Construction | No. | 50 | 51 | 13 | 0 | 0 | 21 | 0 | 21 | 0 | 21 | 0 | 21 | 0 | 21 |
| | | | | | | 38.09% | | 38.09% | | -0.01% | | 38.07% | | -0.01% | |
| Flushing Inlet Repair | No. | 30 | 32 | 2 | 0 | 1 | 9 | 1 | 9 | 0 | 9 | 1 | 9 | 0 | 9 |
| | | | | | | 32.21% | | 32.21% | | -0.30% | | 31.91% | | -0.30% | |
| Embankment Slope Protection Work | Km | 9.480 | 9.476 | 3 | 0 | 0.75 | - | 0.75 | - | 0.000 | - | 0.750 | - | 0.000 | 0.00 |
| | | | | | | 40.57% | | 40.57% | | 0.73% | | 41.30% | | 0.73% | |
| River Bank Protection Work | Km | 4.920 | 5.120 | 1.09 | 0 | 4.03 | 0 | 4.030 | - | 0.000 | - | 4.030 | - | 0.000 | 0.00 |
| | | | | | | 72.80% | | 72.80% | | 3.52% | | 76.32% | | 3.52% | |
| 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 3-40: Polder wise Physical Works status of Package-2 as on 30 July 2020

| Package No | Polder No | Progress for Construction of Drainage sluices | | | | | | | Progress for Construction of Flushing Sluices | | | | | | | | |
|------------|--------------|---|-----------|----------------------|----------------|----------|--------------|----------------------|---|--------------|-----------|----------------------|----------------|----------|--------------|----------------------|---------------------|
| | | Number of DS | Dropped | Revised target of DS | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. | Number of FS | Dropped | Revised target of FS | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in Operation |
| 2 | 39/2C | 13 | 0 | 13 | 0 | 5 | 8 | 33.30% | 0 | 21 | 0 | 21 | 0 | 0 | 21 | 0.00% | 0 |
| | 40/2 | 9 | 0 | 9 | 0 | 5 | 4 | 50.39% | 0 | 13 | 7 | 6 | 0 | 3 | 3 | 44.63% | 0 |
| | 41/1 | 10 | 0 | 10 | 0 | 9 | 1 | 76.20% | 0 | 16 | 5 | 11 | 0 | 8 | 3 | 63.35% | 0 |
| | 43/2C | 8 | 0 | 8 | 0 | 6 | 2 | 58.49% | 0 | 15 | 8 | 7 | 0 | 4 | 3 | 37.64% | 0 |
| | 47/2 | 4 | 0 | 4 | 0 | 4 | 0 | 99.25% | 0 | 5 | 2 | 3 | 0 | 3 | 0 | 98.75% | 0 |
| | 48 | 6 | 0 | 6 | 0 | 6 | 0 | 85.90% | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 87.00% | 0 |
| | Total | | 50 | 0 | 50 | 0 | 35 | 15 | 59.25% | 0 | 73 | 22 | 51 | 0 | 21 | 30 | 38.07% |

| Package No | Polder No | Progress for Repair of Drainage Sluices | | | | | | | Progress for Repair of Flushing Sluices | | | | | | | | |
|------------|--------------|---|-------------------|-----------------------------|----------------|----------|--------------|----------------------|---|--------------|-------------------|-----------------------------|----------------|----------|--------------|----------------------|----------------------|
| | | Number of DS | Number of Dropped | Revised target of DS Repair | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. | Number of FS | Number of Dropped | Revised target of FS Repair | 100% Completed | Ongoing | Yet to Start | Overall Progress (%) | Sluice in operation. |
| 2 | 39/2C | 0 | 0 | 0 | 0 | 0 | 0 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NA | 0 |
| | 40/2 | 3 | 0 | 3 | 0 | 1 | 2 | 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 | 22.50% | 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 | 32.93% | 0 | 33 | 1 | 32 | 1 | 9 | 22 | 31.91% |

| Package No | Polder No | Summary of Bank Protection Work | | | Summary of Slope Protection Work | | | Summary for Excavation / Re-excavation of Drainage Channel | | | | CC Block Production Status | | |
|------------------|-----------|---------------------------------|-----------------------|---------------|----------------------------------|-----------------------|---------------|--|-----------------------|-----------------------|---------------|----------------------------|---------------------|---------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | Target Length (Km) | Completed Length (Km) | % Completed | Number of Canals | RF Target Length (Km) | Completed Length (Km) | % Completed | Target Quantity | Production Quantity | % Completed |
| Package 2 | 39/2C | 3.600 | 3.380 | 93.89% | 4.000 | 0.00 | 0.00% | 11 | 57.23 | 0.00 | 0.00% | 5,328,276 | 4,426,368 | 83.07% |
| Package 2 | 40/2 | 0.000 | 0.000 | NA | 1.137 | 0.00 | 0.00% | 11 | 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 | 8 | 23.13 | 2.82 | 12.20% | 590,650 | 280,524 | 47.49% |
| Package 2 | 43/2C | 0.500 | 0.000 | 0.00% | 0.261 | 0.00 | 0.00% | 8 | 28.08 | 2.94 | 10.47% | 435,342 | 62,321 | 14.32% |
| Package 2 | 47/2 | 0.620 | 0.350 | 56.45% | 0.000 | 0.00 | NA | 4 | 9.17 | 9.17 | 100.00% | 482,227 | 327,689 | 67.95% |
| Package 2 | 48 | 0.000 | 0.000 | NA | 4.078 | 0.75 | 18.39% | 11 | 32.72 | 9.22 | 28.19% | 539,493 | 239,241 | 44.35% |
| Package 2 | | 5.120 | 4.030 | 76.32% | 9.476 | 0.750 | 41.30% | 53 | 154.558 | 25.981 | 29.25% | 7,805,957 | 5,519,517 | 70.71% |

| Package No | Polder No | Summary for Construction / Re-sectioning of Embankment | | | | | | | Partly Completed | | | | | | | |
|------------------|-----------|--|-----------------------|---------------|----------------------|--------------------------------|--------------|--------------------------|------------------------------------|---------------|------------------------|----------------------------------|--------------|----------------------|--------------------------|------------------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | New Emb. Length (Km) | Completed New Emb. Length (Km) | % Completed | Resectioning Length (Km) | Completed Resectioning Length (Km) | % Completed | Retd. Emb. Length (Km) | Completed Retd. Emb. Length (Km) | % Completed | New Emb. Length (Km) | Resectioning Length (Km) | Retd. Emb. Length (Km) |
| Package 2 | 39/2C | 59.250 | 2.00 | 3.38% | 59.25 | 2.00 | 3.38% | 0.00 | 0.00 | NA | 0.00 | 0.00 | NA | 0.000 | 0.000 | 0.000 |
| Package 2 | 40/2 | 34.200 | 6.90 | 20.18% | 0.00 | 0.00 | NA | 34.20 | 6.90 | 20.18% | 0.00 | 0.00 | NA | 0.000 | 7.610 | 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 | 2.00 | 5.27% | 0.00 | 0.00 | NA | 38.00 | 2.00 | 5.27% | 0.00 | 0.00 | NA | 0.000 | 3.628 | 0.000 |
| Package 2 | | 208.026 | 36.106 | 23.16% | 59.250 | 2.000 | 3.38% | 144.463 | 34.106 | 23.61% | 3.96 | 0.00 | 0.00% | 0.000 | 20.224 | 0.900 |

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

| # | Folder | 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 July 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 | LA Not Deposited | 1,187,825 | - | | | 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 | LA Possession | 126,000 | 122,000 | 55,000 | 13,750 | 96.83% | 25.00% | 91.08% | 2.000 | 0.000 | Work in Progress |
| 140 | 39/2C | Pirojpur & Jalukathi | Yet to Start | 20.250 | 39.000 | 59.250 | New | Y | LA Not Deposited | 635,492 | | | | 0.00% | 0.00% | 0.00% | 0.000 | 0.000 | Next year program |
| 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 | Yes | LA Not Received | | | | | 0.00% | 0.00% | 0.00% | | | Pourashava cc Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 143 | 40/2 | Pathargata Mouza | Ongoing | 1.760 | 1.240 | 3.000 | Resectioning | Yes | LA Received | 120,647 | 72,000 | 44,238 | | 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 | LA NA | 57,701 | | | | 0.00% | 0.00% | 0.00% | | | Program for next year. |
| 145 | 40/2 | Gohorpur | Completed | 1.700 | 4.150 | 5.850 | Resectioning | No | LA NA | 19,892 | 19,892 | 28,838 | 28,838 | 100.00% | 100.00% | 100.00% | 1.700 | 0.000 | Work in Progress |
| 146 | 40/2 | Gohorpur | Ongoing | 0.100 | 5.850 | 5.950 | Resectioning | No | LA NA | 4,622 | 3,500 | 1,882 | | 75.72% | 0.00% | 69.67% | 0.000 | 0.100 | Work in Progress |
| 147 | 40/2 | Gohorpur | Completed | 0.700 | 5.950 | 6.650 | Resectioning | No | LA NA | 16,002 | 16,002 | 13,052 | 13,052 | 100.00% | 100.00% | 100.00% | 0.700 | 0.000 | Work in Progress |
| 148 | 40/2 | Nijlathimara | Ongoing | 0.850 | 6.650 | 7.500 | Resectioning | No | LA 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 | LA 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 | LA NA | 129,970 | 65,000 | 83,762 | | 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 | LA NA | 52,726 | 19,500 | 35,093 | | 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 | LA NA | 109,488 | 109,000 | 24,688 | | 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 | LA Possession | 84,270 | 42,000 | 40,501 | | 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 | LA 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 | LA NA | 53,664 | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 156 | 40/2 | Char donai Mouza | Ongoing | 1.150 | 18.450 | 19.600 | Resectioning | No | LA NA | 99,752 | 93,500 | 34,845 | | 93.73% | 0.00% | 86.23% | 1.000 | 0.200 | Work in Progress |
| 157 | 40/2 | Char donai Mouza | Ongoing | 1.400 | 19.600 | 21.000 | Resectioning | Yes | LA Possession | 119,132 | 15,100 | | | 12.68% | 0.00% | 11.66% | 0.000 | 0.200 | Program for next year |
| 158 | 40/2 | Char donai Mouza | Ongoing | 0.550 | 21.000 | 21.550 | Resectioning | No | LA Possession | 41,131 | 35,000 | 18,937 | | 85.09% | 0.00% | 78.29% | 0.000 | 0.550 | Work in Progress |
| 158 | 40/2 | Char donai Mouza | Ongoing | 1.450 | 21.550 | 23.000 | Resectioning | No | LA NA | 41,856 | 41,000 | 31,338 | | 97.95% | 0.00% | 90.12% | 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-1/52/225 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-1/52/225 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-1/52/225 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 163 | 41/1 | Ayla Patakata UP | Ongoing | 2.250 | 0.000 | 2.250 | Resectioning | No | NA | 57,203 | 42,000 | 85,000 | | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 165 | 41/1 | Burir Char UP | Ongoing | 2.250 | 3.000 | 5.250 | Retired | No | NA | 197,000 | 76,000 | | | 38.58% | 0.00% | 35.49% | 0.000 | 0.900 | Work in Progress |
| 166 | 41/1 | Burir Char UP | Ongoing | 7.550 | 5.250 | 12.800 | Resectioning | No | NA | 188,475 | 135,500 | | 0 | 71.89% | 0.00% | 66.14% | 0.000 | 7.550 | Work in Progress |
| 167 | 41/1 | Burir Char UP | Ongoing | 0.950 | 12.800 | 13.750 | Resectioning | No | NA | 51,709 | 45,000 | 33,250 | | 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 | NA | 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% | | | Pourashava Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 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-1/52/225 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 | NA | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year. |
| 173 | 41/1 | Burir Char UP | Yet to Start | 0.311 | 33.260 | 33.571 | Resectioning | No | NA | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year. |

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| # | Polder | Location | Status of Work | Length (Km) | Starting Chainage (Km) | End Chainage (Km) | Type of Work (New/ Retd./ Resectioning) | LA Problem | LA - Current Status | Required Earthwork Quantity (Cum) | Completed Earthwork Quantity (Cum) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of July 2020 | Completed Length (km) | Partly Completed Length (km) | Remarks |
|-----|--------|----------------------------------|----------------|-------------|------------------------|-------------------|---|------------|-----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|--------------------------|-----------------------|------------------------------|--|
| 174 | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 175 | 43/2C | Bauria | Ongoing | 0.851 | 0.074 | 0.925 | Resectioning | Yes | Ministry of Land Waiting for DLAC | 42,009 | 8,000 | 21,392 | | 19.04% | 0.00% | 17.52% | 0.250 | 0.050 | Work in Progress |
| 176 | 43/2C | Bauria | Ongoing | 0.400 | 0.925 | 1.325 | Resectioning | Yes | Ministry of Land Waiting for DLAC | 12,341 | 12,341 | 8,048 | 0 | 100.00% | 0.00% | 92.00% | 0.400 | 0.000 | Work in Progress |
| 177 | 43/2C | Gabua | Ongoing | 2.703 | 1.325 | 4.028 | Resectioning | Yes | Ministry of Land Waiting for DLAC | 74,670 | 29,000 | 51,868 | | 38.84% | 0.00% | 35.73% | 0.975 | 0.150 | Work in Progress |
| 178 | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 179 | 43/2C | Boro Gabua | Ongoing | 0.950 | 4.900 | 5.850 | Resectioning | Yes | Waiting for DLAC | 22,817 | 21,000 | 18,158 | | 92.04% | 0.00% | 84.67% | 0.950 | 0.000 | Work in Progress |
| 180 | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 181 | 43/2C | Golkhali | Ongoing | 5.690 | 7.500 | 13.190 | Resectioning | Yes | Ministry of Land Waiting for DLAC | 124,952 | 56,000 | 111,806 | | 44.82% | 0.00% | 41.23% | 2.900 | 0.000 | Work in Progress |
| 182 | 43/2C | East Golkhali | Yet to Start | 0.148 | 13.190 | 13.338 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 183 | 43/2C | East Golkhali | Yet to Start | 0.577 | 13.338 | 13.915 | Retired | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 184 | 43/2C | East Golkhali & Badar pur | Yet to Start | 3.855 | 13.915 | 17.770 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 185 | 43/2C | Kalirchar | Yet to Start | 0.330 | 17.770 | 18.100 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 186 | 43/2C | Suharinj Char | Yet to Start | 2.600 | 18.100 | 20.700 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 187 | 43/2C | Suharinj Char | Ongoing | 1.700 | 20.700 | 22.400 | Resectioning | Yes | Ministry of Land Waiting for DLAC | 64,993 | 51,200 | 50,628 | | 78.78% | 0.00% | 72.48% | 1.380 | 0.000 | Work in Progress |
| 188 | 43/2C | Suharinj Char | Yet to Start | 0.760 | 22.400 | 23.160 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 189 | 43/2C | Suhari | Yet to Start | 1.990 | 23.160 | 25.150 | Resectioning | Yes | Ministry of Land Waiting for DLAC | | | | | 0.00% | 0.00% | 0.00% | | | Program for next year |
| 190 | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 191 | 47/2 | Piarpur | Ongoing | 2.000 | 0.000 | 2.000 | Resectioning | No | NA | 9,178 | 9,178 | 26,745 | 22,463 | 100.00% | 83.99% | 98.72% | 2.100 | 0.000 | Work in Progress |
| 192 | 47/2 | Piarpur | Yet to Start | 0.613 | 2.000 | 2.613 | Retired | Yes | Estimate is under | 34,813 | 0 | | | 0.00% | 0.00% | 0.00% | 0.000 | 0.000 | Program for next Year |
| 193 | 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 in Progress |
| 194 | 47/2 | Kichikata | Yet to Start | 0.518 | 6.171 | 6.689 | Retired | Yes | Estimate is under | 31,378 | 0 | | | 0.00% | 0.00% | 0.00% | 0.000 | 0.000 | Program for next year |
| 195 | 47/2 | Kichikata | Ongoing | 6.361 | 6.689 | 13.050 | Resectioning | No | NA | 52,700 | 52,387 | 84,575 | 78,748 | 99.41% | 93.11% | 98.90% | 6.025 | 0.336 | Work in Progress |
| 196 | 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 in Progress |
| 197 | 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 |
| 198 | 48 | Tolatoli, 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 199 | 48 | Char Chapali | Completed | 0.316 | 16.134 | 16.450 | Resectioning | No | NA | 5,513 | 5,513 | 5,863 | 5,863 | 100.00% | 100.00% | 100.00% | 0.316 | 0.000 | Work in Progress |
| 200 | 48 | Ashakhali | Ongoing | 0.685 | 16.450 | 17.135 | Resectioning | No | NA | 115,564 | 92,000 | 40,197 | 32,158 | 79.61% | 80.00% | 79.64% | 0.685 | 0.000 | Work in Progress |
| 201 | 48 | Ashakhali | Ongoing | 0.865 | 17.135 | 18.000 | Resectioning | No | NA | 120,046 | 98,437 | 46,721 | | 82.00% | 0.00% | 75.44% | 0.000 | 0.865 | Work in Progress |
| 201 | 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 |
| 202 | 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-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 203 | 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 |
| 204 | 48 | Kuakata Beach | Ongoing | 1.215 | 30.800 | 32.015 | Resectioning | No | NA | 40,658 | 28,570 | 10,520 | 4,100 | 70.27% | 38.97% | 67.77% | 0.650 | 0.565 | Work in Progress |
| 205 | 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 |
| 206 | 48 | | Completed | 0.250 | 34.300 | 34.550 | Resectioning | No | NA | 25,871 | 25,871 | 2,820 | 2,820 | 100.00% | 100.00% | 100.00% | 0.250 | 0.000 | Work in Progress |
| 207 | 48 | | Ongoing | 0.328 | 34.550 | 34.878 | Resectioning | No | NA | 23,428 | 11,714 | 3,231 | 980 | 50.00% | 30.33% | 48.43% | 0.100 | 0.050 | Work in Progress |
| 208 | 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 |

Table 3-42: Detailed Information of Construction of Drainage Channel for Package-2

| # | Polder | Name of Khal | Status of Work | Length (Km) | Completed Length (km) | Required Quantity (Cum) | Achieved Quantity (Cum) | Status as of July, 2020 | Remarks |
|------------------|--------|---------------------|----------------|----------------|-----------------------|-------------------------|-------------------------|-------------------------|--|
| Package 2 | | | | | | | | | |
| 1 | 39/2C | Chokeydev Khal | Yet to Start | 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 | 0.000 | 102,282.25 | - | 0.00% | Do |
| 3 | 39/2C | Bakshi Khal Br. 2 | Yet to Start | 3.000 | 0.000 | 15,519.98 | - | 0.00% | Do |
| 4 | 39/2C | Dasher Khal | Yet to Start | 3.750 | 0.000 | 19,399.97 | - | 0.00% | Do |
| 5 | 39/2C | Juniher Khal | Yet to Start | 3.000 | 0.000 | 15,519.98 | - | 0.00% | Do |
| 6 | 39/2C | Teli Khali Khal | Yet to Start | 4.500 | 0.000 | 23,279.97 | - | 0.00% | Do |
| 7 | 39/2C | Chakluia Khal | Yet to Start | 5.500 | 0.000 | 28,453.29 | - | 0.00% | Do |
| 8 | 39/2C | Hetalia Khal | Yet to Start | 3.500 | 0.000 | 18,106.64 | - | 0.00% | Do |
| 9 | 39/2C | Nodmollar Khal | Yet to Start | 4.000 | 0.000 | 20,693.30 | - | 0.00% | Do |
| 10 | 39/2C | Dagrey Khal | Yet to Start | 2.000 | 0.000 | 10,346.65 | - | 0.00% | Do |
| 11 | 39/2C | Bauner Khal | Yet to Start | 2.480 | 0.000 | 12,829.85 | - | 0.00% | Do |
| 12 | 40/2 | Mutainer Khal | Yet to Start | 2.400 | 0.000 | 42,571.38 | - | 0.00% | Program for next year |
| 13 | 40/2 | Adhania Khal | Dropped | 0.000 | 0.000 | 23,507.00 | - | 0.00% | Dropped |
| 14 | 40/2 | Nijladiamar Khal | Dropped | 0.000 | 0.000 | 43,613.08 | - | 0.00% | Dropped |
| 15 | 40/2 | Ganpara Khal - 1 | Dropped | 0.000 | 0.000 | - | - | 0.00% | Dropped |
| 16 | 40/2 | Keoratala Khal | Completed | 1.829 | 1.829 | 36,574.00 | 35,558.00 | 100.00% | Completed |
| 17 | 40/2 | Charduani Khal | Dropped | 0.000 | 0.000 | 73,031.75 | - | 0.00% | Dropped |
| 18 | 40/2 | Hoglapasha Khal | Dropped | 0.000 | 0.000 | 57,367.59 | - | 0.00% | Dropped |
| 19 | 40/2 | Munshigonj Khal | Dropped | 0.000 | 0.000 | 1,663.75 | - | 0.00% | Dropped |
| 20 | 40/2 | Maser Khal | Dropped | 0.000 | 0.000 | 37,548.50 | - | 0.00% | Dropped |
| 21 | 40/2 | Kajibari Khal | Dropped | 0.000 | 0.000 | 38,060.00 | - | 0.00% | Dropped |
| 22 | 40/2 | Boroitola Khal | Dropped | 0.000 | 0.000 | 73,238.00 | - | 0.00% | Dropped |
| 23 | 41/1 | Lobongla Khal | Yet to Start | 4.073 | 0.000 | 14,393.64 | - | 0.00% | Next year Program |
| 24 | 41/1 | Shonakhali Khal | Dropped | 0.000 | 0.000 | 17,187.50 | - | 0.00% | Dropped |
| 25 | 41/1 | Charakgasia Khal | Dropped | 0.000 | 0.000 | 6,789.75 | - | 0.00% | Dropped |
| 26 | 41/1 | Charnalar Khal | Ongoing | 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 | 0.000 | 38,439.50 | - | 0.00% | Next year Program |
| 28 | 41/1 | Lobongla Khal Br. 1 | Yet to Start | 4.390 | 0.000 | 161,561.13 | - | 0.00% | Next year Program |
| 29 | 41/1 | Napit Khali Khal | Ongoing | 1.813 | 1.713 | 23,564.00 | 21,848.00 | 94.48% | Work in Progress |
| 30 | 41/1 | Choto Lobongla Khal | Yet to Start | 4.667 | 0.000 | 15,440.15 | - | 0.00% | Next year Program |
| 31 | 43/2C | Chadkokai Khal | Yet to Start | 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 | 0.000 | 13,549.81 | - | 0.00% | Do |
| 33 | 43/2C | Mushir Khal - 01 | Yet to Start | 6.793 | 0.000 | 29,157.81 | - | 0.00% | Do |
| 34 | 43/2C | Mushir Khal | Yet to Start | 2.448 | 0.000 | 1,029.10 | - | 0.00% | Do |
| 35 | 43/2C | Pollar Khal | Ongoing | 2.264 | 0.500 | 41,624.00 | 7,500.00 | 22.08% | Do |
| 36 | 43/2C | Rishir Khal | Yet to Start | 1.966 | 0.000 | 5,145.50 | - | 0.00% | Do |
| 37 | 43/2C | Taitola Khal | Completed | 2.440 | 2.440 | 35,930.84 | 35,715.00 | 100.00% | Completed |
| 38 | 43/2C | Golkhali Khal | Yet to Start | 5.669 | 0.000 | 20,736.35 | - | 0.00% | Next year program |
| 39 | 47/2 | Eidkhola Khal | Completed | 0.676 | 0.676 | 8,019.00 | 8,019.00 | 100.00% | Completed |
| 40 | 47/2 | Kichikata Khal | Completed | 1.700 | 1.700 | 13,607.00 | 13,607.00 | 100.00% | Completed |
| 41 | 47/2 | Dhankhola Khal | Completed | 4.791 | 4.791 | 53,943.00 | 53,943.00 | 100.00% | Completed |
| 42 | 47/2 | Piarpur Khal | Completed | 2.000 | 2.000 | 29,714.00 | 29,714.00 | 100.00% | Completed |
| 43 | 48 | Khanjurpara Khal | Ongoing | 7.465 | 6.400 | 100,302.50 | 91,603.00 | 85.73% | Work in Progress |
| 44 | 48 | Matiranga Khal | Yet to Start | 1.925 | 0.000 | 9,748.59 | - | 0.00% | Next year Program |
| 45 | 48 | Loxir Khal | Yet to Start | 7.000 | 0.000 | 2,420.00 | - | 0.00% | Next year Program |
| 46 | 48 | Nayapara Khal - 1 | Yet to Start | 4.057 | 0.000 | 42,061.25 | - | 0.00% | Next year Program |
| 47 | 48 | Tolatali Khal | Yet to Start | 5.723 | 0.000 | 54,469.25 | - | 0.00% | Next year Program |
| 48 | 48 | Charchapali Khal | Completed | 2.472 | 2.472 | 26,483.00 | 26,483.00 | 100.00% | Completed |
| 49 | 48 | Kauarchar Khal | Yet to Start | 1.000 | 0.000 | 7,818.25 | - | 0.00% | Next year Program |
| 50 | 48 | Kalaipara Khal | Completed | 0.350 | 0.350 | 9,547.58 | 9,547.58 | 100.00% | Completed |
| 51 | 48 | Goramkhula Khal | Yet to Start | 2.726 | 0.000 | 30,376.72 | - | 0.00% | Next year Program |
| 52 | 48 | Khalifar Khal | Dropped | 0.000 | 0.000 | 6,924.50 | - | 0.00% | Dropped |
| 53 | 48 | Maither Khal | Dropped | 0.000 | 0.000 | 4,983.00 | - | 0.00% | Dropped |
| Total | | | | 154.558 | 25.981 | 1,234,266.515 | 349,860.58 | | |

Table 3-43: 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 July 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% | 90% | 98.50% | Work in progress |
| 8 | 39/2C | DS-8 | Ongoing | Y | Taka Deposited to DC | 80% | 100% | 80% | | 72.00% | 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% | 90% | | 79.50% | Work in progress |
| 11 | 39/2C | DS-11 | Ongoing | Y | do | 100% | 100% | 99% | | 84.45% | Work in progress |
| 12 | 39/2C | DS-12 | Ongoing | N | NA | 100% | 100% | 100% | 90% | 98.50% | 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% | 85% | 97.75% | 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 | do | 100% | 100% | 98% | 40% | 89.90% | 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% | 40% | 90.45% | 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% | 100% | 70% | | 68.50% | 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% | 100% | | 85.00% | Work in progress |
| 33 | 43/2C | DS-1 | Ongoing | N | NA | 100% | 100% | 55% | | 60.25% | 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% | 99% | 50% | 91.95% | Work in progress |
| 36 | 43/2C | DS-4 | Ongoing | N | NA | 100% | 100% | 50% | | 57.50% | Work in progress |
| 37 | 43/2C | DS-5 | Ongoing | N | NA | 100% | 100% | 99% | | 84.45% | 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% | 25% | 88.75% | Work in progress |
| 40 | 43/2C | DS-8 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Program for next |
| 41 | 47/2 | DS-1 | Ongoing | N | NA | 100% | 100% | 100% | 95% | 99.25% | Work in progress |
| 42 | 47/2 | DS-2 | Ongoing | N | NA | 100% | 100% | 100% | 95% | 99.25% | Work in progress |
| 43 | 47/2 | DS-3 | Ongoing | N | NA | 100% | 100% | 100% | 95% | 99.25% | Work in progress |
| 44 | 47/2 | DS-4 | Ongoing | N | NA | 100% | 100% | 100% | 95% | 99.25% | Work in progress |
| 45 | 48 | DS-1 | Ongoing | N | NA | 100% | 100% | 100% | 96% | 99.40% | 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% | 90% | | 79.50% | 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% | 90% | | 79.50% | Land problem issue has not yet been resolved |

Table 3-44: 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 July 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 replacement. |
| 23 | 40/2 | FS-3 | Dropped | | | | | | | 0.00% | Recommended for demolished |
| 24 | 40/2 | FS-4 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 25 | 40/2 | FS-4/1 | Ongoing | N | NA | 100% | 100% | 100% | 85% | 97.75% | Work in progress |
| 26 | 40/2 | FS-8 | Yet to Start | N | NA | | | | | 0.00% | Next year Program |
| 27 | 40/2 | FS-9 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |
| 28 | 40/2 | FS-10 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |
| 29 | 40/2 | FS-11 | Yet to Start | N | NA | | | | | 0.00% | Next year Program |
| 30 | 40/2 | FS-13 | Dropped | | | | | | | 0.00% | Recommended for demolished |
| 31 | 40/2 | FS-14 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 32 | 40/2 | FS-16 | Yet to Start | | | | | | | 0.00% | Next year Program |
| 33 | 40/2 | FS-17 | Dropped | | | | | | | 0.00% | Recommended for dropped from program instead of replacement due to land problem. |
| 34 | 40/2 | FS-20 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 35 | 41/1 | FS-1 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |
| 36 | 41/1 | FS-3 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |
| 37 | 41/1 | FS-5 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |
| 38 | 41/1 | FS-6 | Ongoing | Y | | 100% | 100% | 100% | | 85.00% | Work in progress |
| 39 | 41/1 | FS-7 | Yet to Start | Y | | | | | | 0.00% | Land problem issue has not yet been resolved |
| 40 | 41/1 | FS-8 | Ongoing | | | 100% | 100% | 100% | 37% | 90.55% | Work in progress |
| 41 | 41/1 | FS-9 | Ongoing | | | 100% | 100% | 100% | 50% | 92.50% | Work in progress |
| 42 | 41/1 | FS-12 | Dropped | | | | | | | 0.00% | DS-8 is to be construction instead of FS-12. |
| 43 | 41/1 | FS-15 | Ongoing | | | 100% | 100% | 100% | 25% | 88.75% | Work in progress |
| 44 | 41/1 | FS-16 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 45 | 41/1 | FS-21 | Dropped | Y | | | | | | 0% | Shifting to repair of Flushing Sluice |
| 46 | 41/1 | FS-22 | Dropped | Y | | | | | | 0% | Shifting to repair of Flushing Sluice |
| 47 | 41/1 | FS-23 | Dropped | Y | | | | | | 0% | Shifting to repair of Flushing Sluice |
| 48 | 41/1 | FS-24 | Yet to Start | Y | | | | | | 0.00% | Re-Settlement problem |
| 49 | 41/1 | FS-25 | Yet to Start | Y | | | | | | 0.00% | Re-Settlement problem |
| 50 | 41/1 | FS-28 | Ongoing | Y | | 100% | 100% | 100% | | 85.00% | Work in progress |
| 51 | 43/2C | FS-1 | Yet to Start | | | | | | | 0.00% | Program for next dry season |
| 52 | 43/2C | FS-1A | Ongoing | Y | | 10% | | | | 1.00% | Work started but stopped due to land problem |
| 53 | 43/2C | FS-2 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 54 | 43/2C | FS-3 | Dropped | | | | | | | 0.00% | Recommended for demolish instead of replacement as per local resident. |
| 55 | 43/2C | FS-7 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 56 | 43/2C | FS-8 | Ongoing | Y | Notice Section-4 Served | 100% | 100% | 100% | | 85.00% | Land problem issue has not yet been resolved |
| 57 | 43/2C | FS-9 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 58 | 43/2C | FS-10 | Ongoing | Y | N/A | 100% | 100% | 100% | | 85.00% | Work in progress |
| 59 | 43/2C | FS-12 | Yet to Start | Y | Notice Section-4 Served | | | | | 0.00% | Program for next year |
| 60 | 43/2C | FS-13 | Yet to Start | N | NA | | | | | 0.00% | Program for next year |
| 61 | 43/2C | FS-14 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 62 | 43/2C | FS-15 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 63 | 43/2C | FS-16 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 64 | 43/2C | FS-17 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 65 | 43/2C | FS-18 | Ongoing | N | NA | 100% | 100% | 100% | 50% | 92.50% | Work in progress |
| 66 | 47/2 | FS-1 | Ongoing | N | NA | 100% | 100% | 100% | 90% | 98.50% | Work in progress |
| 67 | 47/2 | FS-2 | Dropped | | | | | | | 0.00% | Recommended for repair instead of replacement. |
| 68 | 47/2 | FS-3 | Dropped | | | | | | | 0.00% | Recommended for demolish. |
| 69 | 47/2 | FS-6 | Ongoing | N | NA | 100% | 100% | 100% | 90% | 98.50% | Work in progress |
| 70 | 47/2 | FS-7 | Ongoing | N | NA | 100% | 100% | 100% | 95% | 99.25% | Work in progress |
| 71 | 48 | FS-1 | Ongoing | N | NA | 100% | 100% | 100% | 40% | 85.00% | Work in progress |
| 72 | 48 | FS-3 | Ongoing | N | NA | 100% | 100% | 100% | 40% | 91.00% | Work in progress |
| 73 | 48 | FS-4 | Ongoing | N | NA | 100% | 100% | 100% | | 85.00% | Work in progress |

Table 3-45: 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 July 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% | 100% | 80% | 40% | 80.00% | 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 3-46: 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 July, 2020 | Remarks | | |
|------------------|----------|-------------|------------|----------------------------|----------------|------------------------|-------------------|--------------|-------------------------|---------------------|--------------------|-----------------------|-------------------------|--|--|--|
| Package 2 | | | | | | | | 3% | 77% | 9% | 11% | | | | | |
| 1 | 39/2C | 4.000 | N | Possession received | Yet to Started | 24.000 | 51.000 | | | | | 0.000 | 0.00% | Embankment Construction not done | | |
| 2 | 40/2 | 0.400 | N | Possession received | Ongoing | 1.240 | 1.640 | 100% | 90% | 8% | 90% | 0.000 | 82.92% | Work in Progress (Partly work done for a length of 80 meter) | | |
| 3 | 40/2 | 0.129 | N | Possession received | Yet to Started | 12.871 | 13.000 | | | | | 0.000 | 0.00% | Embankment Construction not done | | |
| 4 | 40/2 | 0.393 | N | Possession received | Ongoing | 13.184 | 13.577 | 100% | 100% | | | 0.000 | 80.00% | Work in progress | | |
| 5 | 40/2 | 0.215 | N | 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% | 80% | 0.400 | 60.70% | 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 | | 0.750 | | |

Table 3-47: 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 July 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 | 2.600 | Ongoing | 51.500 | 54.100 | 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% | 0.350 | 75.80% | Work in progress |
| 8 | 47/2 | 0.050 | Yet to Start | 6.100 | 6.150 | | | | | | 0.00% | Next year program |
| 9 | 47/2 | 0.050 | Yet to Start | 6.710 | 6.760 | | | | | | 0.00% | Next year program |
| Total | | 5.120 | | | | | | | | 4.030 | | |

Table 3-48: 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 June 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 |

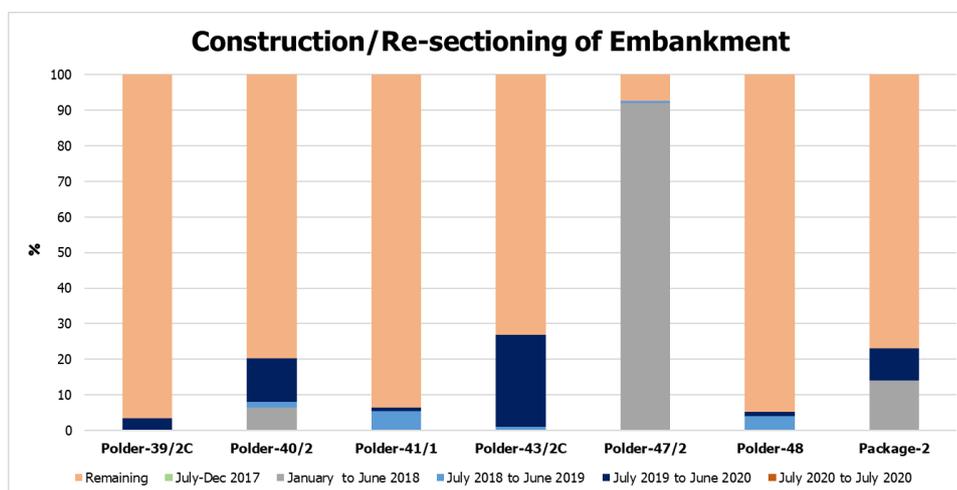


Figure 3-24: Construction/Re-sectioning of Embankment of Package-2

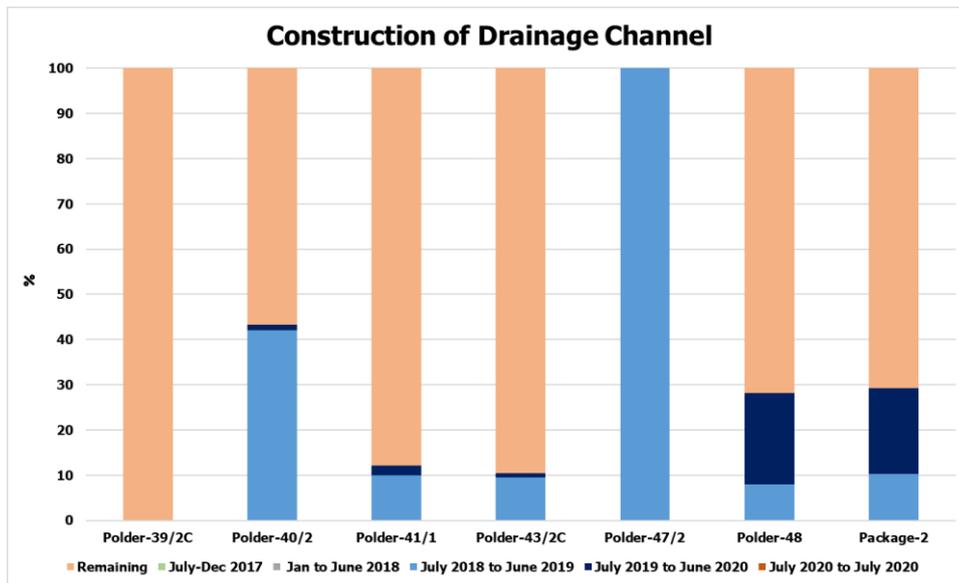


Figure 3-25: Construction of Drainage Channel of Package-2

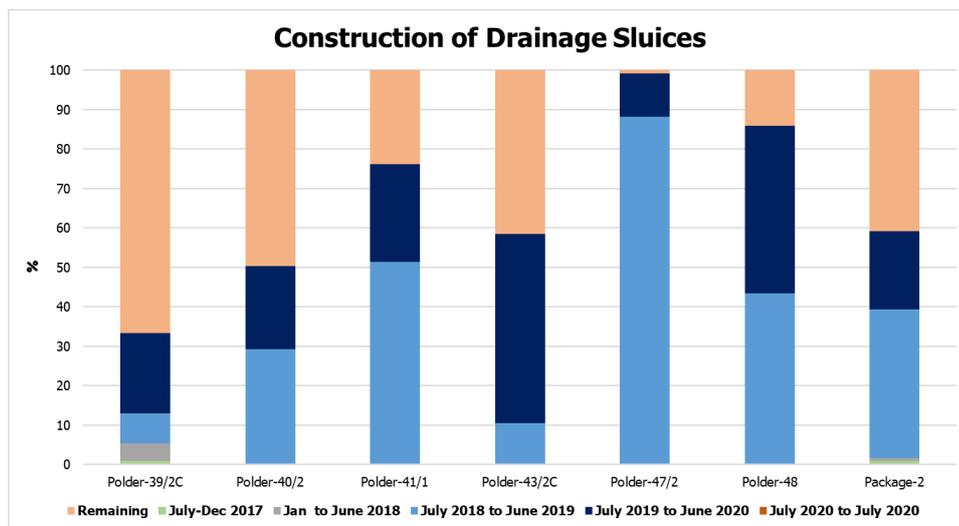


Figure 3-26: Construction of Drainage Sluice of Package-2

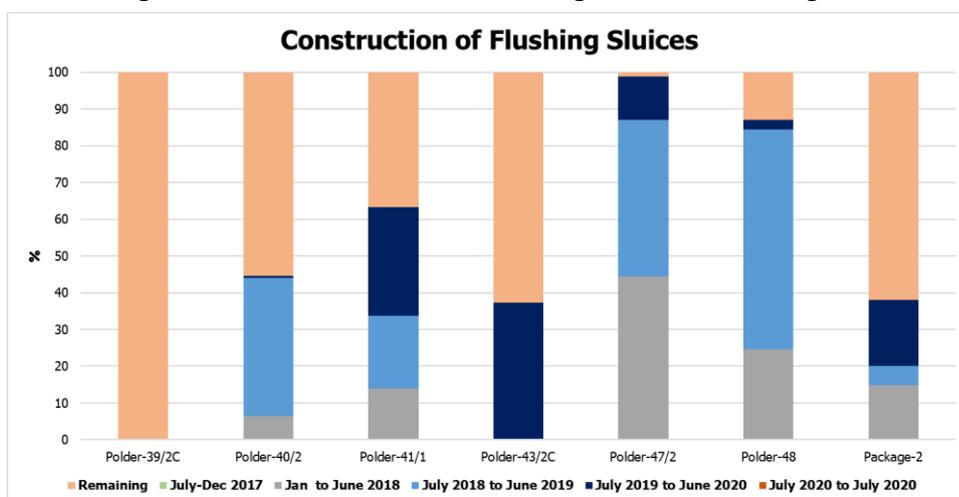


Figure 3-27: Construction of Flushing Sluice of Package-2

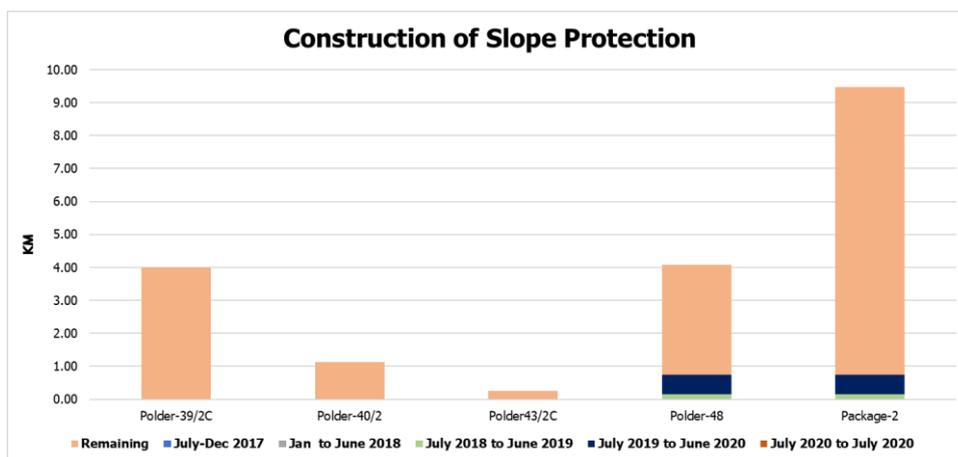


Figure 3-28: Construction of Slope Protection of Package-2

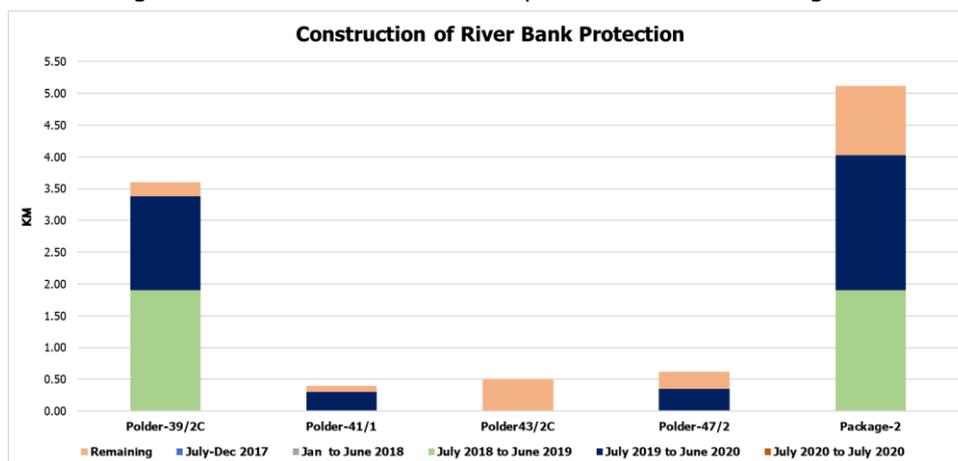


Figure 3-29: Construction of River Bank Protection of Package-2

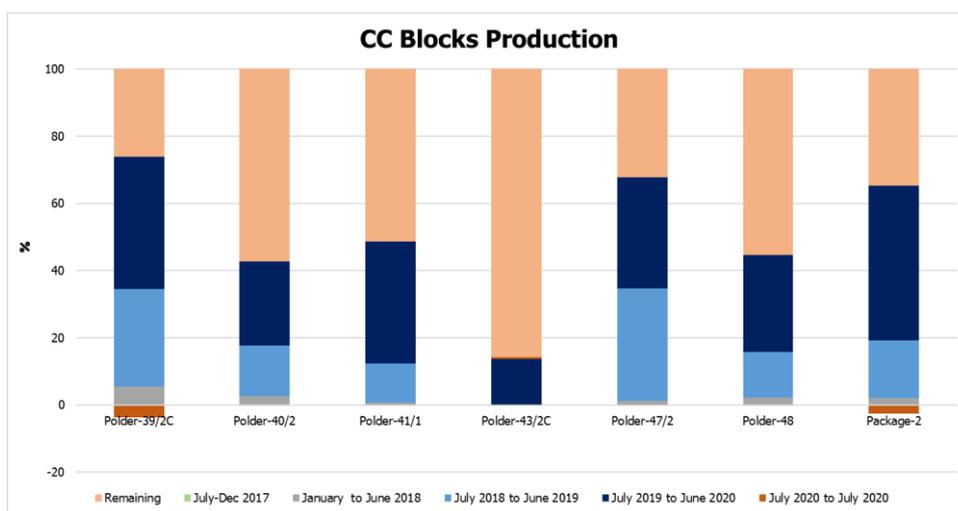


Figure 3-30: CC Blocks Production of Package-2

Table 3-49: CC Blocks Production as on July 2020

| S.N. | Polder Number | Quantity as per Zero Cost Variation (Upto VO No. 01) | Cumulative Total as of 30 June 2020 | Production during July 2020 | | | | | | | Cumulative Total as of 31 July 2020 |
|------|----------------|--|-------------------------------------|-----------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|-------------------------------------|
| | | | | 40x40x40 (No) | 40x40x20 (No) | 30x30x30 (No) | 40x40x30 (No) | 30x60x40 (No) | 30x60x60 (No) | Total (No) | |
| 1 | 39/2C | 5,985,778 | 4,426,368 | -220,842 | 0 | -90 | 1137 | 0 | 0 | -219,795 | 4,206,573 |
| 2 | 40/2 | 429,969 | 183,374 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 183,374 |
| 3 | 41/1 | 577,846 | 280,524 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 280,524 |
| 4 | 43/2C | 435,342 | 59,538 | 1,069 | 0 | 1,714 | 0 | 0 | 0 | 2,783 | 62,321 |
| 5 | 47/2 | 482,227 | 326,387 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 326,387 |
| 6 | 48 | 539,493 | 240,543 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240,543 |
| | Total = | 8,450,654 | 5,516,734 | -219,773 | 0 | 1,624 | 1,137 | 0 | 0 | -217,012 | 5,299,722 |

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 3-50. The Contractor has established their site offices at Bhandaria, Kalapara, Barguna, Patharghata and their field head quarter at Patuakhali.

Table 3-50: 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 | 10 | 0 | 0 | 4 | 2 | 1 | 2 | 0 | 1 |
| 2 | Technical Staff | 8 | 0 | 0 | 1 | 3 | 0 | 4 | 0 | 0 |
| 3 | Admin/Support | 11 | 0 | 0 | 4 | 2 | 2 | 2 | 0 | 1 |
| 4 | Operator/Driver | 12 | 0 | 2 | 3 | 2 | 1 | 4 | 0 | 0 |
| 5 | Skilled Labor | 18 | 1 | 1 | 3 | 0 | 2 | 10 | 0 | 1 |
| 6 | Unskilled Labor | 150 | 0 | 1 | 28 | 74 | 16 | 27 | 0 | 4 |
| | Total= | 573 | 209 | 1 | 4 | 43 | 83 | 22 | 49 | 0 |

3.5.4 Equipment mobilization

Equipment including Machines, Tools, and 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 for the 1st dry season was to manufacture CC block in connection with River Bank Protection work. Thus five (5) nos. of automated CC block manufacturing Plants were installed at the CC blocks manufacturing Yards in Polder-39/2C, Bhandaria, Pirojpur District. Some CC blocks were also to be manufactured manually, for which CC block manufacturing started in Polder- 40/2 & Polder-41/1 in Barguna, Polder- 43/2C, Polder- 47/2, and Polder- 48 in Patuakhali District.

A length of 36.106 km full and 21.124 km Partial Embankment Re-sectioning work has been completed. Construction of 21 nos. Flushing Sluices and 35 nos. Drainage Sluices are in Progress by the end of the reporting month of July, 2020.

Table 3-51: 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 |
| 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 |

| No. | Description | Polder 39/2C | Polder 40/2 | Polder 41/1 | Polder 43/2C | Polder 47/2 | Polder 48 | Total |
|--------------------|---------------------------------|--------------|-------------|-------------|--------------|-------------|-----------|------------|
| 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. | Rotate Drilling Machine | 1 | | | | | | 1 |
| 42. | Compressor Machine | 1 | | 1 | | | | 2 |
| 43. | Portable Chain Removing Machine | 1 | | | | | | 1 |
| 44. | Drilling Machine | 3 | | 1 | | 2 | 1 | 7 |
| 45. | Semi-auto Air Cutting Machine | 1 | | 1 | | | | 2 |
| 46. | 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 (July 2020)

Contractors' work flow slowed down way back from the month of January 2020 due to cash flow problems which resulted in short supply of materials (mostly cement and stone). It was predicted that the situation would improve during the most important dry months of February and March 2020, but the situation did not improve as predicted, rather it was affected more due to addition of the COVID-19 pandemic situation from March 2020. The situation continued throughout the months of April, May and June including the reporting month of July 2020 resulting in 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 July 2020.

The issue of gate installation of the 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 fitted well into the 15 cm wide slot in the operating deck slab due to larger gate 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. Mechanical Engineering Consultant of DDCS & PMS team also certified this remodelling work to use the same system in other completed drainage sluices.

The gate remodelling takes quite a bit of time and the contractor found it difficult to fix gates in other completed sluices in time. The DDCS & PMS consultant, 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 drainage and irrigation of crops field. But the installation process has been too slow during the month and thus the contractor could not complete all these gates even by 31 July 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 26 March 2020 and continued till 30 May 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 and did not return affecting the work flow. As mentioned above, Government closure was extended to May 30, 2020 and situation resulted in short supply of local staff. Further, the local administration applied social distancing measures (stay away 1.5 meter from each other) 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 400 in April / May 2020). As there was drastic reduction in local workers assembly due to COVID-19 situation, a good number of Chinese Technicians also left the Project affecting the works and in fact by the end of May 2020, the contractor CICO stopped almost all field activities.

The Contractor, Package-2, already recovered their cash flow problem as the Variation Order #1 has been approved by the Employer in the middle of June 2020 and in the mean time they received the outstanding payments for the works already completed.



Figure 3-31: Ongoing Slope Protection Works (Polder 40/2), Barguna



Figure 3-32: Bank Protection with Pitching Works (Polder 39/2C)



Figure 3-33: Ongoing Bank Protection in Polder-41/1

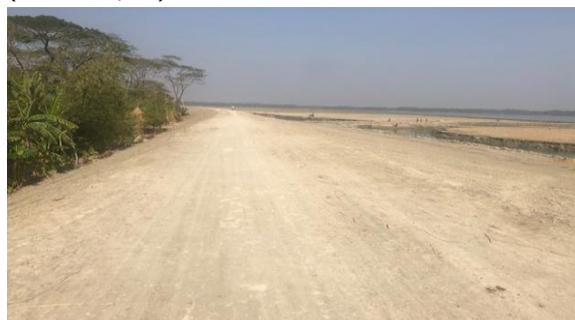


Figure 3-34: Completed Embankment CEIP-1, W/02, Polder 43/2C



Figure 3-35: Turfing work of Polder-48



Figure 3-36: Embankment work from Km 9+800 to Km 11+000 in 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 proceed with the top priority works of the embankment slope Protection at the important tourist hot spot location of Kuakata sea beach in Polder 48. Around 1.215 kilometres of slope protection works was targeted for completion in the current dry season including a very vulnerable length of 700 meter. The other priority works were the bank protection works in the three Polders (39/2C, 41/1, 47/2) during this dry session.

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

Program for Month of August 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

- Construction of approach dyke of DS-7&12
- Completion of turfing work where earth work already completed.
- Continue construction works for DS-8, DS-10, & DS-11;

Polder 40/2:

- Construction of approach dyke of FS-4/1, FS-9, FS-10, DS-2, DS-3, DS-4/5, DS-7A, DS-10
- Installation of gate in FS-9, FS-10, DS-3, DS-4/5
- To manufacture CC Blocks
- To complete the embankment turfing works where earthworks completed.
- To progress the slope protection, work from Km 1.240 to Km 1.640

Polder-41/1:

- To re-start manufacturing CC Blocks at Gulbunia & other sluices locations;
- Construction of approach dyke & installation of gates in DS-1, DS-5, DS-7, DS-8, DS-9, FS-1, FS-3 & FS-8.
- Construction of approach dyke & opening of diversion channel of DS-6, FS-9 & FS-15;
- To progress with the works of DS-3, DS-4, DS-10, FS-6, FS-5 & FS-28
- To complete the turfing work where earth work already completed.

Polder 43/2C

- To complete the turfing work where earthwork already completed.
- Make progress with the construction work of FS-1 (A), DS-1, DS-4;
- Install gates & construction of approach dyke in DS-3, DS-5, DS-7, DS-8, FS-8, FS-10 & FS-18.
- Manufacture of CC blocks for river bank protection work and Hydraulic structures.

Polder-47/2

- Bring the gates in operation in DS-1, DS-2, DS-3, DS-4, FS-1, FS-6 & FS-7 with opening of diversion channel.
- Manufacture CC Block for river bank protection work

Polder-48:

- Re-start manufacturing CC Block immediately
- Make substantial progress with the slope protection work of sea dyke at Kuakata Beach
- Install gates in 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 planned to be started after the on-going rainy season. 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: Contractor prepared a detailed design of the Regional Office Building at Patuakhali which was submitted to Project Director, CEIP-1, PMU, and was approved. Approved detailed design was sent to the contractor to start the building at Patuakhali. The contractor started the work on 17 April 2019 and building work is in progress. The overall progress is about 65%.

Vertical Extension of BWDB's Existing Office Building at Kalapara, Patuakhali: The Building has been completed and handed over to the competent authority, with exception of some minor finishing works to be completed in July 2020.

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 money saved will be used to construct the Office Building cum Rest House at Bhandaria, Pirojpur District. The variation order for the construction of the Office Building cum Rest House at Bhandaria has been prepared following the instructions of the Project Director and submitted to PMU vide Engineer's Ref.No. RDCOR_BC5883-100_L002586_JHL_MAR dated; 28th May,2020.

Boundary Wall at Pathorghata BWDB Colony: Construction of boundary wall has been completed.

Laboratory Building at Patuakhali: Construction of laboratory 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 13.215 to km 13.411 and km 13.992 to km 14.077: cost BDT 2.795 million): Earth work in connection with emergency Ring-dyke Construction in polder-40/2 along the alignment of the damaged embankment is 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 Pala siding works, which has been completed.

Emergency work in Polder-48:

(Km 31.060 to km 31.220; km 31.280 to km 31.408; km 34.305 to km 34.525): Sea dyke slope protection work by Geo-bag, Gunny bag, Bullah, Bamboo etc was completed.

Emergency work from km 31.060 to km 31.220 and km 31.280 to km 31.408 started from 9th April, 2019 and the work was completed.



Figure 3-37: Emergency Work in Polder-48

Emergency work in Polder-39/2C:

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

Emergency work in Polder-47/2:

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

Emergency work in Polder-43/2C:

Progress of the construction of emergency Temporary Slope protection work from Km 19+449 to 19+509 & 19+646 to 19+771, Total 185 meter in Polder 43/2C is around 15% completed as on 30 June 2020.

Table 3-52: 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 | 1,666,992.00 |
| 02 | Polder-40/2 | 0.35 | 2,795,174.46 |
| 03 | Polder-41/1 | 0.0509 | 560,125.89 |
| 04 | Polder-43/2C | 0 | 0.00 |
| 05 | Polder-47/2 | 0.848 | 6,872,990.26 |
| 06 | Polder-48 | 0 | 0.00 |
| Total = | | 1.426 | 11,895,283 |

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

Table 3-53: 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 | 0.185 | 2,190,292 |
| 05 | Polder-47/2 | 0.636 | 2,929,063 |
| 06 | Polder-48 | 0.37 | 12,359,617 |
| Total = | | 1.514 | 20,549,719.77 |

Table 3-54: Detailed of Emergency Works under the head of "Provisional Sum"

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

Table 3-55: Detailed of Emergency Works under the head of "Physical & Price Contingency"

| Sl. No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of location | Engineer Approved Date | Estimated Cost in BDT | Remarks | Year |
|---------|--------------|---------------|-------------|--------------|-------------------------|------------------------|-----------------------|--------------------------------|------------|
| 1. | Polder-39/2C | 0.275 | 0.440 | 0.165 | Bhandaria, Bamuner Khal | 24-Mar-18 | 1,677,973.00 | Physical and Price Contingency | FY 2017-18 |
| 2. | Polder-48 | 34.305 | 34.525 | 0.220 | Kuakata | 08-Jun-18 | 8,104,205.60 | Physical and Price Contingency | FY 2018-19 |
| 3. | Polder-48 | 31.280 | 31.408 | 0.128 | Kuakata | 29-Jul-18 | 1,840,849.69 | Physical and Price Contingency | FY 2018-19 |
| 4. | Polder-47/2 | 6.300 | 6.375 | 0.075 | Kalapara | 01-Aug-18 | 555,379.53 | Physical and Price Contingency | FY 2017-18 |
| 5. | Polder-47/2 | 6.550 | 6.592 | 0.042 | Kalapara | 01-Aug-18 | 290,209.45 | Physical and Price Contingency | FY 2017-18 |
| 6. | Polder-47/2 | 6.670 | 6.692 | 0.022 | Kalapara | 01-Aug-18 | 109,704.67 | Physical and Price Contingency | FY 2017-18 |
| 7. | Polder-47/2 | 6.710 | 6.727 | 0.017 | Kalapara | 01-Aug-18 | 103,196.95 | Physical and Price Contingency | FY 2017-18 |
| 8. | Polder-48 | 31.060 | 31.220 | 0.022 | Kuakata | 08-Apr-19 | 2,414,561.67 | Physical and Price Contingency | FY 2017-18 |
| 9. | Polder-39/2C | 54.512 | 54.600 | 0.088 | Nadmulla | 9-Sep-19 | 775,917.00 | Physical and Price Contingency | FY 2019-20 |
| 10. | Polder-39/2C | 54.608 | 54.678 | 0.070 | Nadmulla | 9-Sep-19 | 616858.00 | Physical and Price Contingency | FY 2019-20 |
| 11. | Polder-43/2C | 19.449 | 19.509 | 0.060 | Kalapara | 09-May-20 | 2,190,291.84 | Physical and Price Contingency | FY 2019-20 |
| 12. | Polder-47/2 | 6.265 | 6.745 | 0.480 | Kalapara | 09-May-20 | 1,870,572.37 | Physical and Price Contingency | FY 2019-20 |
| 13. | Polder-43/2C | 19.646 | 19.771 | 0.125 | Kalapara | 10-May-20 | | Physical and Price Contingency | FY 2019-20 |
| | | | | Total | 1.514 | | 20,549,719.77 | | |

3.5.9 Finance (Invoices) Contractor Package-2

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

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

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

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

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

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

IPC-7 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.

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

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

3.5.10 Contract Modifications

The Competent Authority has approved the Zero Cost Variation (up to Variation Order No.01) of this contract and the Agreement of Modified Contract No.01 has been signed between the Employer and the Contractor on 14th June, 2020. The variation order for the construction of the Office Building cum Rest House at Bhandaria has been prepared following the instructions of the Project Director and submitted to PMU vide Engineer's Ref. No. RDCOR_BC5883-100_L002586_JHL_MAR dated; 28th May, 2020.

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 July, 2020.

By this time, the Contractor has submitted a Claim for Extension of Time and the Claim is under evaluation by the Engineer.

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 and the Team Leader, DDCCS&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 DDCCS & 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 further aggravated by Contractors cash flow problem.

The Risk Assessment Matrix sent by Team Leader, DDCCS & 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 31 July, 2020.

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\$ 16.14 Million and US\$ 13.19 Million for Package-1 & Package-2 respectively considering extension of time up to June 2021 for Package-1 and completion time June 2022 of Package-2 as per RDPP.

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 July, 2020. The next IPCs are, however, expected by November, 2020 for both the Package-1 & 2.

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

Table 3-56: 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 th 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 th 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 th 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-13 was submitted by the Contractor to the Engineer on 25 th April 2020 and the IPC has been reviewed by the Engineer and sent to the Employer on 18 th May 2020 with recommendation for payment. |
| IPC No.16 | June. 2020 | 632,000,000.00 | IPC No. 14 was submitted by the Contractor with the value of BDT: 449,604,679.52 which was reviewed by the Engineer and submitted to the Employer on 30 th June, 2020 with recommendation for payment |
| Total | | 3,841,772,733.59 | |

3.6.3 Modification No. 3 of Consultancy Contract

The Modified Contract No.03 of DDCCS & PMS Consultants has been signed by the Project Director and the Consultants on 15th December, 2019. The Amendment of DDCCS & PMS Consultancy Services is under preparation.

3.7 Consultant Inputs

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

Table 3-57: 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 |

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| Description of Staffs | Position | Original Staff | Current Staff | Remarks |
|--------------------------|---------------------------------------|-------------------------|-------------------------|---------|
| | Fisheries Expert | Md. Mokammel Hossain | Md. Mokammel Hossain | N/A |
| | 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 | Zulfigure Azeez | Zulfigure 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 3-58: 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 | 28623021.06 | |
| 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 | 97400.49 | |
| 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 3-59: Overview of Consultants Invoices since Project Inception

| SI No. of Invoices | Payment in EURO | | | Payment in BDT | | |
|---------------------|-------------------------|----------------|-----------|-----------------|----------------|-------------------------|
| | Amount invoiced | Date submitted | Date paid | Amount invoiced | Date submitted | Date paid |
| Advance Payment | 481,134.90 | 30-Dec-14 | 1-Apr-15 | 59,249,809.60 | 30-Dec-14 | 1-Apr-15 |
| Invoice No 1 | 50,908.14 | 25-May-15 | 11-Jun-15 | 1,119,426.94 | 15-June-15 | 16-Jun-15 |
| Invoice No 2 | 129,241.61 | 25-May-15 | 11-Jun-15 | 5,952,195.13 | 17-June-15 | 16-Jun-15 |
| Invoice No 3 (Part) | 60,000.00 | 21-June-15 | 22-Jun-15 | 7,967,524.20 | 30-Jun-15 | 30-Jun-15 |
| Invoice No 3 (Part) | 70,282.49 | 21-June-15 | 06-Oct-15 | 33,150,070.88 | 30-Jun-15 | 27-Sep-15 |
| Invoice No 4 | 206,972.03 | 27-Sep-15 | 02-Dec-15 | 14,332,732.78 | 27-Sep-15 | 29-Nov-15 |
| Invoice No 5 | 169,555.53 | 15-Nov-15 | 10-Dec-15 | 25,991,948.77 | 30-Nov-15 | 10-Jan-16 |
| Invoice No 6 | 74,062.24 | 17-Jan-16 | 04-Feb-16 | 14,590,698.64 | 03-Jan-16 | 27-Jun-16 |
| Invoice No 7 | 201,749.51 | 01-June-16 | 30-Jun-16 | 15,016,503.44 | 19-June-16 | 30-Jun-16 |
| Invoice No 8 | 140,967.65 | 01-June-16 | 30-Jun-16 | 692,718.66 | 19-June-16 | 30-Jun-16 |
| | 0.00 | | | 36,351,389.86 | 19-June-16 | 10-Nov-16 (Partly Paid) |
| Invoice No 9 | 153,881.30 | 30-June-16 | 30-Jun-16 | 19,138,626.07 | 27-Nov-16 | 02-Mar-17 |
| Invoice No 10 | 243,824.28 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)

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| SI No. of Invoices | Payment in EURO | | | Payment in BDT | | |
|--------------------------------|---------------------|----------------|------------|-----------------------|----------------|-------------------------------|
| | Amount invoiced | Date submitted | Date paid | Amount invoiced | Date submitted | Date paid |
| Invoice No 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-Apr-18 | 30-Apr-18 |
| Invoice No. 19 | 126,541.94 | 15-Apr-18 | 30-Apr-18 | 25067376.46 | 19-Apr-18 | 30-Apr-18 |
| Invoice No. 20 | 90,204.56 | 4-Jun-18 | 9-Jun-18 | 36,031,005.53 | 27-May-18 | 9-Jun-18 |
| Invoice No. 21 | 85,705.24 | 21-June-18 | 30-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 |
| Invoice No. 31 | 97400.49 | 18 Mar-20 | 30-Jun-20 | 28,623,021.06 | 08-May-20 | 17-May-20 |
| Invoice No. 32 | 82,884.43 | 8-May-20 | 30-Jun-20 | 18,373,088.31 | 08-May-20 | 17-May-20 |
| Invoice No. 33 | 67,391.39 | 30-Jun-20 | 30-Jun-20 | 18,132,800.03 | 30-Jun-20 | 30-Jun-20 |
| Total Amount Invoiced = | 2,904,244.77 | | | 748,420,429.28 | | |

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

Package-1

| BoQ Item | Activity Name | Unit | Weightage | Weight (Partial) | Name of Work | Quantity as per VO No. 4 | Actual Quantity | Percentage Completed | Weighted Percentage | Achieved Weightage | Status as of July 2020 | Contract Value as per Variation No. 4 (BDT) | Cumulative Value of Work Executed (BDT) | Cumulative Expenditure (BDT) | | |
|-------------|--|------|-----------|------------------|---|--------------------------|-----------------|----------------------|---------------------|--------------------|------------------------|---|---|------------------------------|------------------|------------------|
| Item No. 1 | General Mobilisation | | 7.52% | | | | | 90.00% | 6.772% | 6.7723% | 90.00% | 496,465,529.00 | 446,818,976.10 | 460,322,085 | | |
| Item No. 2 | Embankment Construction/ Re-sectioning | Cum | 21.96% | | | 5,877,718 | 5,502,011 | 93.61% | 20.556% | 20.5558% | 93.61% | 1,448,823,605.00 | 1,356,213,995.26 | 1,290,473,034 | | |
| Item No. 3 | Drainage Channel Excavation/ Re-excavation | Cum | 2.18% | | | 1,517,116.65 | 1,260,988.65 | 83.12% | 1.815% | 1.8148% | 83.12% | 144,057,665.00 | 119,737,055.49 | 135,278,828 | | |
| Item No. 4 | Drainage Sluice Construction | No | 9.89% | | | | | | | 9.7288% | 98.35% | 668,068,356.80 | 657,192,621.45 | 695,748,862.99 | | |
| | | | | 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 | 70,210 | 77.24% | 0.259% | | | 22,142,752.80 | 17,103,246.73 | | | |
| | | | | 9.09% | Other Drainage Sluices Construction Works | 615,230,611.12 | 611,444,577 | 99.38% | 9.035% | | | 615,230,611.12 | 611,444,576.59 | | | |
| Item No. 5 | Drainage Sluice Repair | No | 0.13% | | | | | | | 0.1221% | 95.90% | 8,401,731.00 | 8,057,240.44 | 7,287,711.03 | | |
| | | | | 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 | 3,793 | 77.24% | 0.014% | | | 1,196,319.00 | 924,046.76 | | | |
| | | | | 0.09% | Other Drainage Sluices Repair Works | 6,124,178 | 6,124,178 | 100.00% | 0.093% | | | 6,124,177.68 | 6,124,177.68 | | | |
| Item No. 6 | Flushing Inlet Construction | No | 5.70% | | | | | | | 5.5979% | 98.27% | 378,908,707.59 | 372,382,572.76 | 308,535,583.78 | | |
| | | | | 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 | 58,718 | 77.24% | 0.217% | | | 18,518,228.00 | 14,303,633.58 | | | |
| | | | | 5.17% | Other Flushing Inlets Construction Works | 344,137,916 | 342,911,924 | 99.64% | 5.151% | | | 344,137,915.59 | 342,911,924.27 | | | |
| Item No. 7 | Flushing Inlet Repair | No | 1.25% | | | | | | | 1.2025% | 96.33% | 82,361,662.08 | 79,337,005.98 | 24,398,080.38 | | |
| | | | | 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 | 26,236 | 77.24% | 0.097% | | | 8,274,117.00 | 6,390,996.90 | | | |
| | | | | 1.05% | Other Flushing Inlets Repair Works | 69,059,387 | 68,253,694 | 98.83% | 1.035% | | | 69,059,387.08 | 68,253,694.23 | | | |
| Item No. 8 | Embankment Slope Protection Work | Km | 21.68% | | | | | | | 17.8613% | 82.38% | 1,430,472,110.00 | 1,178,435,703.41 | 1,332,743,539.47 | | |
| | | | | 6.08% | Casting Block size 40cm x 40cm x 40cm. | 729,950 | 615,248 | 84.29% | 5.121% | | | 400,844,743.00 | 337,857,527.01 | | | |
| | | | | 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 | 294,754,345.85 | 287,013,165.92 | 97.37% | 4.350% | | | 294,754,345.85 | 287,013,165.92 | | | |
| Item No. 9 | River Bank Protection Work | Km | 22.72% | | | | | | | 20.4197% | 89.88% | 1,498,882,474.37 | 1,347,231,462.74 | 1,408,814,494.91 | | |
| | | | | 11.12% | Casting Block size 40cm x 40cm x 40cm. | 1,335,844 | 1,125,935 | 84.29% | 9.371% | | | 733,565,236.88 | 618,295,589.90 | | | |
| | | | | 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 | 140,247,084.22 | 123,240,722.78 | 87.87% | 1.868% | | | 140,247,084.22 | 123,240,722.78 | | | |
| Item No. 10 | Dismantling Work | Km | 2.03% | | | 133,991,406 | 73,695,273.30 | 55.00% | 1.117% | 1.1170% | 55.00% | 133,991,406.00 | 73,695,273.30 | 21,629,597.30 | | |
| Item No. 11 | Closure Dam Construction | Km | 2.77% | | | | | | | 2.7268% | 98.35% | 182,925,081.00 | 179,906,817.15 | 66,543,311.66 | | |
| | | | | 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 | 97,590,531.15 | 97.00% | 1.479% | | | 100,608,795.00 | 97,590,531.15 | | | |
| | Schedule of Day work | | 0.36% | | | 23,712,392 | 18,993,034 | 80.10% | 0.288% | 0.2879% | 80.10% | 23,712,392.00 | 18,993,033.50 | 3,231,892 | | |
| | Environmental Mitigation Works | | 0.91% | | | 60,200,000 | 56,491,360 | 93.84% | 0.856% | 0.8562% | 93.84% | 60,200,000.00 | 56,491,359.67 | 55,791,359.67 | | |
| | Emergency Works | | 0.89% | | | 58,913,141 | 58,913,141 | 100.00% | 0.893% | 0.8929% | 100.00% | 58,913,141 | 58,913,141.00 | 51,931,697.94 | | |
| | 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 | | |
| | Temporary Savings | | 0.00% | | | 111,842,485 | - | 0.00% | 0.000% | | | 111,842,485 | 0.00 | | | |
| | Estimated Adjustment in VAT (BDT) | | | | | | | | | | | 85,164,872 | | | | |
| | Estimated Adjustment in IT (BDT) | | | | | | | | | | | 189,384,811 | | | | |
| | | | | | | | | | | | 100.00% | 89.96% | 89.96% | 7,243,662,887.41 | 6,257,482,041.66 | 5,884,530,230.36 |

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

Package-2

| BoQ Item | Activity 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 July 2020 | Value (BDT) as per VO No. 01 | Cumulative Value of Work Executed (BDT) | Cumulative Expenditure (BDT) |
|--------------------|--|------|----------------|------------------|---|---------------------------|----------------------------------|----------------------|---------------------|--------------------|---------------------|------------------------------|---|------------------------------|
| Item No. 1 | General Mobilisation | | 1.17% | | | | | 55.73% | 0.65% | 0.651% | 55.73% | 114,147,100.00 | 63,611,301.59 | 61,447,088.05 |
| Item No. 2 | Embankment Construction/ Re-sectioning | Cum | 17.98% | | | 7,028,144 | 1,627,385 | 23.16% | 4.16% | 4.162% | 23.16% | 1,757,533,176.00 | 406,961,372.39 | 299,947,547.02 |
| Item No. 3 | Drainage Channel Excavation/ Re-excavation | Cum | 1.96% | | | 1,196,248.73 | 349,860.58 | 29.25% | 0.57% | 0.574% | 29.25% | 191,966,386.45 | 56,143,400.53 | 36,046,602.59 |
| Item No. 4 | Drainage Sluice Construction | No | 16.00% | | | | | | | 9.479% | 59.25% | 1,564,264,329.54 | 926,816,792.61 | 942,623,176.79 |
| | | | | 0.93% | Casting Block size 40cm x 40cm x 40cm. | 90,872 | 44,236 | 48.68% | 0.45% | | | 90,450,353.92 | 44,030,944.80 | |
| | | | | 0.44% | Casting Block size 30cm x 30cm x 30cm. | 177,079 | 66,149 | 37.36% | 0.16% | | | 43,030,197.00 | 16,074,266.07 | |
| | | | | 14.63% | Other Drainage Sluices Construction Works | 1,430,783,778 | 866,711,581 | 60.58% | 8.86% | | | 1,430,783,778.62 | 866,711,581.74 | |
| Item No. 5 | Drainage Sluice Repair | No | 0.19% | | | | | | | 0.061% | 32.93% | 18,234,536.00 | 6,005,241.85 | 607,065.34 |
| | | | | 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 | 7,471 | 37.36% | 0.02% | | | 4,860,000.00 | 1,815,490.95 | |
| | | | | 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 | |
| Item No. 6 | Flushing Inlet Construction | No | 8.97% | | | | | | | 3.416% | 38.07% | 877,089,164.92 | 333,951,342.61 | 231,158,149.63 |
| | | | | 0.68% | Casting Block size 40cm x 40cm x 40cm. | 67,196 | 32,711 | 48.68% | 0.33% | | | 66,884,210.56 | 32,559,021.12 | |
| | | | | 0.29% | Casting Block size 30cm x 30cm x 30cm. | 118,648 | 44,322 | 37.36% | 0.11% | | | 28,831,464.00 | 10,770,218.49 | |
| | | | | 7.99% | Other Flushing Inlets Construction Works | 781,373,490 | 290,622,103 | 37.19% | 2.97% | | | 781,373,490.36 | 290,622,103.00 | |
| Item No. 7 | Flushing Inlet Repair | No | 0.17% | | | | | | | 0.054% | 31.91% | 16,495,126.00 | 5,263,992.42 | 3,765,458.55 |
| | | | | 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 | 7,845 | 37.36% | 0.02% | | | 5,103,000.00 | 1,906,265.49 | |
| | | | | 0.10% | Other Flushing Inlets Repair Works | 9,673,216 | 2,283,030 | 23.60% | 0.02% | | | 9,673,216.00 | 2,283,030.12 | |
| Item No. 8 | Embankment Slope Protection Work | Km | 13.49% | | | | | | | 5.571% | 41.30% | 1,318,889,277.05 | 544,721,598.99 | 446,909,489.83 |
| | | | | 3.67% | i) CC Block: 40cm x 40cm x 30cm. | 862,037 | 290,957 | 33.75% | 1.24% | | | 358,607,392.00 | 121,037,997.75 | |
| | | | | 1.83% | ii) CC Block: 40cm x 40cm x 40cm. | 321,340 | 246,025 | 76.56% | 1.40% | | | 178,665,040.00 | 136,789,815.66 | |
| | | | | 1.75% | iv) CC Block: 60cm x 60cm x 40cm. | 85,910 | 39,332 | 45.78% | 0.80% | | | 171,283,062.50 | 78,418,175.00 | |
| | | | | 3.16% | v) CC Block: 60cm x 60cm x 60cm. | 101,059 | 42,743 | 42.30% | 1.34% | | | 309,207,190.53 | 130,779,474.81 | |
| | | | | 3.08% | Other Embankment Slope Works | 301,126,592.02 | 77,696,135.77 | 25.80% | 0.79% | | | 301,126,592.02 | 77,696,135.77 | |
| Item No. 9 | River Bank Protection Work | Km | 37.18% | | | | | | | 28.376% | 76.32% | 4,050,125,322.64 | 3,091,786,488.01 | 2,993,804,320.55 |
| | | | | 32.78% | Casting Block size 40cm x 40cm x 40cm. | 5,763,564 | 4,412,709 | 76.56% | 25.09% | | | 3,560,345,080.96 | 2,725,877,134.70 | |
| | | | | 0.67% | Casting Block size 40cm x 40cm x 30cm. | 158,497 | 53,496 | 33.75% | 0.23% | | | 73,242,624.00 | 24,721,020.14 | |
| | | | | 3.73% | Other Bank Protection Works | 364,564,708.15 | 298,617,027.21 | 81.91% | 3.05% | | | 416,537,617.67 | 341,188,333.18 | |
| Item No. 10 | Dismantling Work of sluices and road | Km | 0.59% | | | | | | | 0.087% | 14.76% | 57,489,951.02 | 8,487,726.05 | 9,660,706.33 |
| | | | | 0.385% | Dismantling Works of existing roads | 37,628,302 | 4,515,396 | 12.00% | 0.05% | | | 37,628,301.90 | 4,515,396.23 | |
| | | | | 0.203% | Dismantling Works of existing Sluices | 19,861,649 | 3,972,330 | 20.00% | 0.04063% | | | 19,861,649.12 | 3,972,329.82 | |
| Item No. 11 | Construction of Khal Crossing Closures | Km | 1.03% | | | 8 | - | 0.00% | 0.00% | 0.000% | 0.00% | 101,123,200.00 | 0.00 | |
| Item No. 12 | Construction of Road Pavement over Embankment | Km | 0.00% | | | - | - | 0.00% | 0.00% | 0.000% | 0 | 0.00 | 0.00 | |
| Item No. 13 | Construction of RCC Flood Wall | Km | 0.00% | | | - | - | 0.00% | 0.00% | 0.000% | | 0.00 | 0.00 | |
| | Schedule of Day work | | 0.52% | | | 51,240,887 | - | 0.00% | 0.00% | 0.000% | 0.00% | 51,240,887.20 | 0.00 | |
| | Environmental Mitigation Works | | 0.66% | | | 64,354,491 | 14,651,755 | 22.77% | 0.15% | 0.150% | 22.77% | 64,364,491.00 | 14,654,031.73 | 2,219,773.03 |
| | Emergency Works (Charge to Physical Contingencies) | | 0.09% | | | 9,212,768 | 9,212,768 | 100.00% | 0.09% | 0.094% | 100.00% | 9,212,767.58 | 9,212,767.58 | 24,535,573.39 |
| | Physical and Price Contingencies | | | | | 490,787,232 | - | 0.00% | 0.00% | 0.000% | | 490,787,232.42 | 0.00 | 0.00 |
| | Temporary Savings | | | | | | | | | | | 216,601,686.83 | | |
| | Estimated Adjustment in VAT (BDT) | | | | | | | | | | | 243,531,659.13 | | |
| | Estimated Adjustment in IT (BDT) | | | | | | | | | | | 344,772,983.21 | | |
| | Total | | 100.00% | | | | | | | 52.68% | 52.68% | 11,487,869,276.99 | 5,467,616,056.36 | 5,052,724,951.10 |

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 2021 |
| 1.5 | Location | Polder-32 and Polder-33 under Khulna district; & Polder-35/1; Polder-35/3 under Bagerhat District |
| 1.6 | Name and Contact Information (email/phone) of Contractor | CHWE, mainland China |
| 1.7 | Name and Contact Information (email/phone) of all sub-Contractors | Project Manager Mr. Sun Huaxin; No sub-contractors; about 56 Chinese and skilled workers influx; 01 Indian worker; local labour and foremen about 610 persons; |
| 1.8 | Type of Works (single site, linear, clustered and construction duration) | Civil engineering/hydraulic works: earthen embankment; water control sluices; river bank protection works; embankment slope protection works; closure dam; offices and site buildings; excavation of sediment internal channels (khals); social re-afforestation; single and localized sites, stand-alone site for construction of one structure or one stretch of embankment etc; These are the standard engineering interventions in a typical coastal polder in Bangladesh, since 'time immemorial'; no rocket science; a lot of manual labour work activities, for men and women both; |

| 2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS | | |
|---|--|---|
| 2.1 | Will the project potentially involve an influx of migrant workers? If yes, are there also foreign labourers mobilized on site? | Yes, there are Migrant workers influx at Project area, relatively small numbers and scattered all over the many construction sites; foreign labourers yes, Chinese & Indian, around 56 persons including middle technicians and Master of Science level engineers; The mobilization of foreign worker started in November 2015 and 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 centres (rural setting, remote sites; sluices are not located inside a community); In the camp site, there have a separate place for their living, dining. Also police from local Thana/authority provide the security for the safety of Chinese workers. There have two or three local translator; if any problem arises they will arrange communication with local people. |

| 2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS | | |
|---|--|---|
| | | <p>Even now there is no complain from local people, mentioned that in camp site also have a register to note down to take proper action within appropriate time.</p> <p>At least certain percentage of local people would have been mobilized in civil work that would be beneficial for the local people.</p> |
| 2.3 | What are the opportunities for local laborers? | <p>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;</p> <p>Recently for polder-32, 206 local workers engaged for construction workers; P-33, 80 local workers; P-35/1, 207 local workers; P-35/3, 70 local workers. There are no women because, for heavy civil work women are not suitable.</p> <p>By negotiating we fixed the salary, so there is no unsatisfactory and no complain.</p> |
| 2.4 | Frequency of outsider's visit | <p>Chinese labourers are generally permanently stationed and working; they live together inside a fenced compound, with professional security guards;</p> <p>Non-local labours are regular, but they have the seasonal vacation during rainy season.</p> |
| 2.5 | Environmental sensitivity of the project site | <p>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;</p> |
| 2.6 | Community experience with similar projects? | <p>Much community experience yes as all 139 coastal polders were built back in the 1970s and 1980s and had undergone many subsequent small and big interventions, emergency works, repair and recovery after huge flood disaster events etc; local labourers are fully familiar with similar types of civil engineering works;</p> <p>And also familiar with the similar movement of non-local labour because in coast region in different time different improvement work have done throughout the specific period.</p> |

| 3. SOCIO-ECONOMIC CONSIDERATIONS | | |
|----------------------------------|--|--|
| 3.1 | How similar are local and migrant labour backgrounds? (cultural, religious and demographic considerations) | <p>The background particularly cultural, religious and demographic point of view is dissimilar in many ways and similar in some ways. They have different language, ethnicity, belief system even political system but it does not create any problem to perform the job or pose any risk for the project. The migrant is few in number that does not make any imbalance</p> |

| | | |
|-----|--|--|
| | | <p>in local social coherence. The main similarities imply that both groups come from same profession;</p> <p>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.</p> <p>No negative impact on job market because this project makes the more opportunity of job for local people.</p> <p>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.</p> |
| 3.2 | Are there increased competitions for resources (e.g. accommodation, water, food, fuel) with the local community? | Absolutely not; |
| 3.3 | Given local community characteristics any specific adverse impacts anticipated? | No adverse impact is anticipated at the moment; |

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

| | | | | |
|-----|---|--|----------------|-------------------|
| 4.1 | Size of Local Population | Bangladesh is highly densely populated country but the project area has lesser density. It is found from the RAP document that inside the Polder-32, 33, 35/1 and 35/3 the total population amounts to 38397, 62305, 99182 and 33075 respectively. | | |
| 4.2 | Working age population and capacity (education, skills, experience) | The labour force (age between 15 and 59 year), the actual number of people available for work is 61%. The labour force includes both the employed and the unemployed. According to BBS, 30% of the people fall in the age group 1-15 year. The literacy rate in the project area roams around 58% whereas the national figure is 51.8%. The livelihood of 66.1% of people depends on agriculture activities; | | |
| 4.3 | Working age population capacity | <i>Education</i> | <i>Skill</i> | <i>Experience</i> |
| | | No information is available | No information | No information |
| 4.4 | Local capacity for infrastructure, services, utilities, health (please provide a short brief) | Inside the 4 Polders, both earthen and pucca roads are available and there are waterways also. There are 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; | | |

| 4. LOCAL COMMUNITY (Please provide Polder wise description of Facilities) | | |
|---|--|---|
| | | Yes these facilities are easily available for rent and consumption |
| 4.6 | Are there any security considerations? | Not from the local governments; Contractor is now paying for the security force mainly in work site cum residential sites. |
| 4.7 | Are there any marginalized, vulnerable, ethnic, indigenous- communities? | Some marginalized and vulnerable people are in the project side like other places of the country but there are no ethnic and indigenous groups. |

| 5. MAINTENANCE OF OTHER LABOR RECORDS | | |
|---------------------------------------|--|--|
| 5.1 | Is a copy of photo ID of each labourer kept with the Contractor/ Sub-contractor? | Yes. NID for local workers and visa copy for chinese workers; no sub-contractors; |
| 5.2 | Is contact information of labour's next-of-kin kept for each labourer? | Yes. Family members are mostly close-by. Chinese contractor recruits mainly from the locality; |

| 6. LABOR PROFILE (Please provide Polder wise information) | | | | | |
|---|------------------------------|---|--|----------------------|--|
| <i>This data is to be collected for each Polder where civil works has commenced, and cover the regular labour, temporary labour, labour hired through sub-contractors or labour contractors / groups.</i> | | | | | |
| 6.1 | Number of laborers by sex | <i>Male</i> | | <i>Female</i> | |
| | | 549 | | 3 | |
| 6.2 | Number of laborers by skill | <i>Skilled</i> | | <i>Semi-skilled</i> | |
| | | 172 | | 102 | |
| 6.3 | Number of laborers by origin | <i>Local (same or adjoining district)</i> | | <i>Other Country</i> | |
| | | 385 | | 56 | |
| 6.4 | Number of laborers by age | <i>18-25</i> | | <i>25-50</i> | |
| | | 168 | | 101 | |
| 6.5 | Source of labour | <i>Contractor</i> | | <i>Subcontractor</i> | |
| | | 552 | | 0 | |
| | | <i>Independent</i> | | <i>Other</i> | |
| | | 0 | | 0 | |
| | | <i>Total</i> | | <i>Total</i> | |
| | | 552 | | 552 | |

| 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 | <i>Permanent</i> | Every CC blocks yard and every work site | Almost within 100m |
| | | 4 | <i>Temporary</i> | | |
| 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 roadsides, open fields and other spaces? | No. Only housing exist inside the constructional premises. | | | |
| 7.4 | Is there any housing in rented accommodation in residential areas? If so, who is it rented by? | Yes, for the Chinese and Bangladeshi senior staff. Contractor rents the buildings themselves | | | |
| 7.5 | How many laborers have families on/near worksite? | The migrant workers do not live with their family. Sometime their family member visit here for very short time. The local worker mostly live with their family | | | |
| 7.6 | Likelihood of family members accompanying (visiting) | They hardly visit the project side. Labourers have family homes close by; daily transport is done by motorbikes or by vehicles of Contractor | | | |
| 7.7 | Is drinking water available on site and at the campsite? | Yes | | | |
| 7.8 | Are latrines and urinals provided on site and at the campsite? | Yes | | | |
| 7.9 | Are First Aid facilities provided on site? | Yes | | | |
| 7.10 | Does a doctor visit the worksite / campsite regularly? | Yes | | | |
| 7.11 | Is there a tie-up with a hospital or dispensary near the worksite / campsite | Yes | | | |
| 7.12 | Is there a facility for cooking / canteen facility for all labour? | Yes | | | |
| 7.13 | Are leisure activities / facilities available for all labour | Yes | | | |
| 7.14 | Is transport to and from the worksite provided to labour? | Yes for migrant labourer but no provision for unskilled local labourer. | | | |

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

| 9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities) | | |
|--|---|---|
| 9.1 | What is the nature of accidents / emergencies usually occurring at a worksite like yours? | No accident so far has been taken place |
| 9.2 | Is a functioning First Aid available at the campsite / worksite? | Yes |
| 9.3 | Is functioning fire-fighting equipment available at the campsite / worksite? | Yes |
| 9.4 | Which is the nearest doctor / clinic / dispensary? | Within some kilometres, alert by mobile phone of which the number is known to all Chinese people (Chinese medical doctor available); doctor covers the four Polders |
| 9.5 | Which is the nearest hospital? | The nearest hospital is situated at Upazila head quarter. But there some clinic or satellite clinic inside the polder. If any worker required critical services then he/she refer to Khulna or Dhaka. The contractor have own car for every camp site and CC block manufacturing site to transport he/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. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities) | | |
|--|---|---|
| 9.7 | Are details of nearest doctor / clinic / dispensary / hospital / Police station available and prominently displayed at worksite / campsite? | Yes |
| 9.8 | What is the system of informing next of kin? | For the migrant worker, there is focal person to deal with the issue. The contact numbers of all workers are well documented. For the local worker, the system is same. Bengali senior staff employed by the Chinese contractor. |
| 9.9 | What is your familiarity with accident reporting procedures? | Chinese Contractor holds regular drills on procedures and protocols to enact in case of accidents |
| 9.10 | What is your familiarity with police reporting procedures? | We are well familiar to local police reporting system and we have their contact number and relation. So far, no such incident whereby Police is to be called upon. It is worthy to mention that Contractor site camps are secured by police protection permanently. |
| 9.11 | Is there any mechanism to address the work place Sexual Harassment of Women at the project sites? | Yes (sanctions are known to Chinese workers and their bosses). Mechanism is there. We have gender policy. There is complaint system to mitigate sexual harassment. Finally, legal step can be applied where necessary; |

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

| 10. PROJECT DATA | | |
|------------------|--|--|
| 1.1 | Name of Project | Coastal Embankment Improvement Project - Phase I (CEIP-1) |
| 1.2 | Contract Package | Package-2 |
| 1.3 | Date of Commencement | 12 th July, 2017 |
| 1.4 | Date of Completion | 11 th 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) | <ol style="list-style-type: none"> 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. <p>Construction duration: 42 months</p> |

| 11. 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 |

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

| 13. LOCAL COMMUNITY (Please provide Polder wise description of Facilities) | | | |
|--|---|---|----------------|
| 4.1 | Size of Local Population | Polder-39/2C: 84853, Polder-40/2: 41317, Polder 41/1: 41051, Polder-43/2C: 14851, Polder-47/2: 5411, Polder-48: 26260 | |
| 4.2 | Working age population and capacity (education, skills, experience) | No information | |
| 4.3 | Working age population capacity | <i>Education</i> | <i>Skill</i> |
| | | No information | No information |
| 4.3 | Working age population capacity | <i>Experience</i> | No information |
| | | No information | No information |
| 4.4 | Local capacity for infrastructure, services, utilities, health (please provide a short brief) | the health centre and hospital are available in local place. | |
| 4.5 | Availability of accommodation, food, water (please provide a short brief) | Accommodation, water and food is available to the local community. | |
| 4.6 | Are there any security considerations? | Yes | |
| 4.7 | Are there any marginalized, vulnerable, ethnic, indigenous- communities? | No | |

| 14. MAINTENANCE OF OTHER LABOR RECORDS | | |
|--|--|-----|
| 5.1 | Is a copy of photo ID of each labourer kept with the Contractor/ Sub-contractor? | Yes |
| 5.2 | Is contact information of labour's next-of-kin kept for each labourer? | No |

| 15. LABOR PROFILE (Please provide Polder wise information) | | | | | | |
|---|------------------------------|---|------------------------|----------------------|-----------------|--------------|
| <i>This data is to be collected for each Polder where civil works has commenced, and cover the regular labour, temporary labour, labour hired through sub-contractors or labour contractors / groups.</i> | | | | | | |
| 6.1 | Number of laborers by sex | <i>Male</i> | | <i>Female</i> | <i>Total</i> | |
| | | 208 | | 1 | 209 | |
| 6.2 | Number of laborers by skill | <i>Skilled</i> | <i>Semi-skilled</i> | <i>Unskilled</i> | <i>Total</i> | |
| | | 47 | 81 | 81 | 209 | |
| 6.3 | Number of laborers by origin | <i>Local (same or adjoining district)</i> | <i>Other districts</i> | <i>Other Country</i> | <i>Total</i> | |
| | | 204 | 5 | 0 | 209 | |
| 6.4 | Number of laborers by age | <i>18-25</i> | | <i>25-50</i> | <i>Above 50</i> | <i>Total</i> |
| | | 83 | | 120 | 6 | 209 |
| 6.5 | Source of labour | <i>Contractor</i> | <i>Subcontractor</i> | <i>Independent</i> | <i>Other</i> | <i>Total</i> |
| | | 209 | | | 0 | 209 |

| 16. FACILITIES (Please provide Polder wise description of Facilities) | | | | | |
|---|--|---|------------------|-----------------------|--|
| 7.1 | Details of labour camps | Number | Permanent/Temp. | Location | Distance from nearest village/habitation |
| | | 6 | <i>Temporary</i> | 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 | No | | | |

| | | |
|------|--|-----|
| | labour? | |
| 7.13 | Are leisure activities / facilities available for all labour | Yes |
| 7.14 | Is transport to and from the worksite provided to labour? | Yes |

| 17. SUPERVISION BY LABOR OFFICIALS | | |
|------------------------------------|--|------|
| 8.1 | Has the worksite / campsite been inspected by a labour official? | No |
| 8.2 | How many times has the worksite / campsite been inspected by a labour official since commencement of work? | None |
| 8.3 | What documents were inspected by labour officials? | None |
| 8.4 | What documents were maintained and which ones were not? | None |
| 8.5 | What directions were given by labour officials? | None |
| 8.6 | What is the mode of compliance with such directions? | None |
| 8.7 | Are you facing any legal proceedings on labour issues in Labour Court/ Other? | No |

| 18. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities) | | |
|---|---|---|
| 9.1 | What is the nature of accidents / emergencies usually occurring at a worksite like yours? | Drowning, Injury from machine |
| 9.2 | Is a functioning First Aid available at the campsite / worksite? | Yes |
| 9.3 | Is functioning fire-fighting equipment available at the campsite / worksite? | Yes |
| 9.4 | Which is the nearest doctor / clinic / dispensary? | Polder-39/2C: Digital X-ray Clinic, 5 minutes by car away from the campsite, 01717-997-914, Kamrunnasar Polder-41/1: DR.Abudus salam M.B.B.S Ex-medical officer of Barguna general hospital, clinic-sharif x-ray clinic, Dispensary mouir medical hall. Polder-47/2: 1 km from our working site to the nearest dispensary Polder-48: 100 m from our temporary camps to the nearest dispensary but the doctor and clinic are 1 km away. |
| 9.5 | Which is the nearest hospital? | Polder-39/2C: Upazila Health Complex, 5 minutes by car away from the campsite, 01735-950-462, Fakrel Islam. Polder-41/1: Barguna sader hospital Polder-47/2: 10 km from our working site to the nearest hospital. Polder-48: the nearest hospital is 3 km towards the seaside. |
| 9.6 | Which is the nearest Police Station? | Polder-39/2C: 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, Dispensary mouir medical hall, Barguna sader hospital, Barguna sader police station, above mentioned details |

| | | |
|------|---|--|
| | | information is true and they are able to respond within short period and mentioned location is very nearest to our worksite. Polder-47/2: Yes. such information shall be printed on paper and displayed at the site office. Polder-48: Yes, such information shall be printed on paper and displayed at the site office. |
| 9.8 | What is the system of informing next of kin? | A phone number chat including all the Chinese people has been distributed to all working site/ campsite, anything happening at site will be reported immediately to the person who is in charge of corresponding issue. |
| 9.9 | What is your familiarity with accident reporting procedures? | For any accident happened at site, the foreman shall report to the site office and site manager immediately, and site office shall write on the accident 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. | | |
| Gross area protected | | 1000 x ha | - | - | - | - | 36.5 | 67.7 | 77.9 | 100.8 | 100.8 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | - | | | | | | | | | |
| Direct project beneficiaries from increased resilience to climate change (number) of which female (percentage) % | X | 1000 person x | 0 | 0 | 0 | 0 | 230 | 480 | 530 | 760 | 760 (50%) | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | 0 | 0 | 0 | | | | | | | | | |
| Increase cropping intensity | | (%) | 140 | - | - | - | 155 | 167 | 171 | 180 | 180 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | - | | | | | | | | | |
| Contingent Emergency Appropriation | | Triggered, if requested [Y/N] | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | BWDB | NA | |
| <i>Achievement</i> | | | | NA | NA | NA | | | | | | | | | |

| Intermediate Results Indicators | | | | | | | | | | | | | | Remarks | |
|---|------|-----------------|-----------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|---------------------|---------|---------------------------------|
| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | Frequency | Data Source / Meth. | | Responsible for Data Collection |
| | | | | 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 | |
| <i>Achievement</i> | | | | - | 0.8 | 27.9 | 63.55 | 164.98 | 197.114 | 197.114 | | | | | 40.641 km are in progress |
| Drainage structures replaced and upgraded | | No. | - | - | 3 | 23 | 59 | 89 | 113 | 129 | 129 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | 20 | 34 | 38 | 38 | | | | | 35 nos. are in progress |
| Regulators upgraded | | No. | - | - | 4 | 28 | 73 | 106 | 123 | 134 | 134 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | 0 | | | | | | | | | |
| Flushing inlets upgraded | | No. | 0 | - | 9 | 52 | 127 | 178 | 214 | 244 | 244 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | 15 | 23 | 29 | 29 | | | | | 21 nos. are in progress. |
| Length of Drainage Channels upgraded | | Km | 0 | - | 27 | 157 | 381 | 540 | 681 | 794 | 794 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | 11 | 28.80 | 134.84 | 157.80 | 157.80 | | | | | |
| Area restored re/afforested | X | ha | - | - | - | - | - | 100 | 200 | 300 | 300 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | - | | | | | | | | | |

| 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 | |
| <i>Achievement</i> | | | | - | - | - | | | | | | | | | |
| Improved coastal monitoring | | Studies | Limited data | | | | | 1 | | | 2 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | - | - | | | | | | | | | | | | |
| 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). |
| <i>Achievement</i> | | | | 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 | | |
| <i>Achievement</i> | | | | 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 |
| <i>Achievement</i> | | | | | 4 (15 GRC) | 4 (15 GRC) | 10 (36 GRC) | 10 (36 GRC) | 10 (36 GRC) | 10 (36 GRC) | | | | | GRC formation undertaken for all polders of Package 01. Total 170 complaints / grievances have received by GRC upto July 2020. Out of 170 complaints /grievances 42 complaints have been resolved at the entry level and 114 cases have been resolved through investigations and formal hearing by GRC) and the rest 14 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 July 2020 by GRC. 30 cases of them have been resolved in the entry level by the field investigation and 15 cases are under process for investigation and formal hearing by GRC. |