



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



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

**Progress Report No. 52
Month of August 2019**

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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 |
| CDPo | 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 | <i>Department of Agriculture</i> Extension |
| DC | Deputy Commissioner |
| DDCS&PMS | Detailed Design Construction Supervision and Project Management Support (RHDHV) |
| DEM | Digital Elevation Model |
| DevCon | DevConsultants Ltd. Bangladesh Consultants |
| DHI | Danish Hydraulic Institute, Denmark |
| DLR | Director Land Records |
| DoE | Department of Environment |
| DoF | Department of Fisheries |
| DPM | Design Planning & Management Consultants |
| EAP | Environmental Action Plan |
| ECRRP | Emergency Cyclone Recovery and Restoration Project |
| EDP | Estuary Development Program |
| EHS | Environmental Health and Safety |
| EIA | Environmental Impact Assessment |
| EMA | External Monitoring Agency |
| EMP | Environmental Management Plan |

| | |
|--------|---|
| EPG | Embankment Protection Group |
| EPs | Entitled Persons |
| ES | Embankment Settlers |
| FAP-7 | Flood Action Plan -7 |
| FCDI | Flood Control Drainage & Irrigation |
| FGD | Focus Group Discussion |
| FFG | Foreshore Forestry Group |
| GoB | Government of Bangladesh |
| GPP | Guidelines for People's Participation |
| GPS | Global Positioning System |
| GRM | Grievances Redress Mechanism |
| GRRP | Gorai River Restoration Project |
| IBRD | International Bank for Reconstruction & Development |
| ICB | International Competitive Bidding |
| ICZM | Integrated Coastal Zone Management |
| ICZMP | Integrated Coastal Zone Management Plan |
| ICZMP | Integrated Coastal Zone Management Program |
| IDA | International Development Agency |
| IESCs | Important Environmental and Social Components |
| IoL | Inventory of Losses |
| IPC | Interim Payment Certificate (invoice of Contractor) |
| IPSWAM | Integrated Planning for Sustainable Water Management |
| IWM | Institute of Water Modelling |
| IEE | Initial Environmental Examination |
| KJDRP | Khulna Jessore Drainage Rehabilitation Project |
| KAFCO | Karnaphuli Fertilizer Company Limited |
| LAP | Land Acquisition Plan |
| M&EC | Monitoring and Evaluation Consultants (Third Party Consultants) |
| MES | Meghna Estuary Studies |
| MOEF | Ministry of Environment and Forest |
| MOFDF | Ministry of Food and Disaster Management |
| MOWR | Ministry of Water Resources |
| MSL | Mean Sea Level (expressed in + or - mPWD) |
| NEPo | National Environmental Policy |
| NGO | Non-Government Organization |
| NWMP | National Water Management Plan |
| RAP | Resettlement Action 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 (The Engineer, DDCCS&PMS Consultants) |
| RAP | Resettlement Action Plan |
| 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 August 2019. The Executive Summary Chapter will highlight the various developments and issues at stake in a qualitative manner whereas the remaining Chapters will provide more quantitatively information and details on the activities and progress of the Month of August, 2019.

The Executive Summary will also first focus on the implementation of the 2 (two) construction Contracts for **Package-1** and **Package-2**. In this section, the Consultants activities are also addressed. Activities and issues of a more general nature will be addressed thereafter.

This Executive Summary includes an Action Log which will be updated where relevant.

1.2 Implementation of works under Package-1 and Package-2

In the current phase of the CEIP-1 Project, our focus is on the progress of the construction of civil works for Package-1 and Package-2. Other Consultants tasks are summarised separately in this Chapter.

1.2.1 Package-1 implementation

The key issues for the month of August 2019 regarding Package-1 are summarised below as follows:

1. The physical progress up to August 2019 is 80.38% against the target of 83.07%.
2. Based on this we have determined that the actual progress is lagging behind a little than the revised target (83.07%) by 2.69%. Hence the Contractor has been requested to submit the revised work program considering that the remaining whole works are to be completed within the approved revised time for Completion by June, 2020. In May 2018, the Contractor submitted his official claim for Extension of Time based on the following:
 - i) Delays due to late award of Contract on **01 November 2015**;
 - ii) Extension of time due to delays in handing over the land and possession of Site;
 - iii) Extension of time due to various disruptions to the planned progress of the Works, and
 - iv) Extension of time due to variations for increase in Quantities/Volumes.
 - v) The Extension of Time has been approved up to 30 June 2020 by the Employer vide Memo No. CEIP-1/W-01/331 dated: 18-03-2019 with the condition that no further claim will be acceptable due to this Extension of Time.
3. Contractor has completed 35 Nos. Drainage Sluices and 28 Nos. Flushing Sluices up to August 2019 and has been working together with the Engineer on the handing over procedures.
4. Following the Mission of the Environmental Team of the World Bank, follow-up has been given to areas of improvement and continued in the month of August 2019 also. The Contractor is involved in 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 visits. Engineer is pushing the Contractor doing so and this has resulted in improvements in August 2019.
5. Meetings between Contractor and Engineer were held regarding the construction of the Nalian Closure Dam. Based on discussion, the Contractor submitted a preliminary design and drawing as per contract clause no. 2.4.2 for construction of Nalian Closure Dam. The preliminary design and drawings were reviewed by the Consultant's expert and provided his comments & suggestions on these for finalization by the contractor. The comments & suggestions of the consultants were communicated to the Contractor. The Contractor prepared the design based on the review of the expert and several discussion meetings were held between the Contractor and Engineer to finalize the design & drawings. After long discussion, the Engineer finally described to the Contractor regarding the work methodology based on the detailed briefing of

the designer of the Contractor and requested to prepare the design and drawings accordingly. Finally, the Contractor has prepared the design and drawings and submitted to the Consultants. After reviewing the design and drawings the Consultant approved it and requested to start the work immediately. However, the Contractor has mobilized and started the work and by 30 June 2019 they have dumped about **12,27,905 nos. 50Kg Synthetic Bag, 40,091 nos.75Kg Synthetic Bag, 35,952 nos. 250Kg Geo Bag & 34,081 nos. 175Kg Geo Bag**, to create the foundation of the closure. However, the progress of Nalian closure dam is more or less same as per revised program. During August 2019 the Contractor has mainly given their attention to protect the foundation work of the closure and the foundation work is progressed 75% up till now.

6. Replacement of hard rock by CC blocks has been agreed upon in Variation Order No. 2. and materialised. An updated Variation Order No.2 was submitted with some corrections based on comments received from the World Bank but that has been again corrected as per advice of the Project Director keeping the saving amount under head "Temporary Saving" and submitted to the PMU. The approval of the Variation Order No.2 has not yet been received by the Engineer.
7. The installation of gates and hoists in 19 sluices have been completed and the remaining 19 nos. 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. In this respect the Variation Order No.4 was submitted to the Project Director for approval on 6th August 2019. In Parallel, the contractor was instructed to start supplying the Gates & Hoists at the soonest possible time. The approval of the Variation Order No.4 has not yet been received by the Engineer.
8. Contractor is claiming a Variation Order No.3 for the payment of additional costs for using of higher FM of Sand for filling the foundation of hydraulic structure as per approved design. The draft Variation Order has been reviewed by the PMU and suggested to compare the determinate rate of the Engineer with the schedule rate of Khulna O & M Circle. The Variation Order No.3 has been submitted to PMU on 25 February 2019. Some observations were made on the Variation Order No.3 by the World Bank and Consultant's related part of those have been met up and the revised version of the Variation Order No.3 has been submitted to PMU on 24th April 2019. The approval of the Variation Order No.3 has not yet been received by the Engineer.
9. In the contract, there was 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 12 nos. have already been completed, 1 no partially completed and 1 no is yet to be taken up. 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 August 2019 regarding Package-2 are summarised below as follows:

1. The physical progress up to August 2019 is 32.18% against the target of 53.38%.
2. The Contractor failed to achieve the targeted progress set for FY 2017-2018 for timely availability of materials but that is now (almost) solved; local resources (including labour) are controlled by local parties and Contractor is therefore limited to import resource's including labour from other polders or suppliers.
3. However, the performance of the Contractor in the last dry season was not at all satisfactory also. Meetings with higher Management of Contractor were held and an action plan was prepared, however, follow-up is lacking, and Engineer was pushing the Contractor to accelerate the progress but the Contractor failed to improve their performance. Hence the Contractor has

been requested to submit a revised work program considering that all the remaining works are to be completed within the contract period.

4. As per requirement of the World Bank Mission during 21 October to 25 October, 2018 on environmental aspects of the CEIP-1 Project, the Contractor is involved in 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 Engineer discussed with Contractor about the work program for the FY 2019-20. They are advised to prepare a revised work program in such a way that the lapses of the progress of last FY can be coped up in this current FY and can complete the works within the contract period. According to advice, a revised work program is under preparation by the contractor and assured to be submitted by the end of September 2019. However, as per the present work program there was target to complete 53.38% of the Physical Work by August, 2019 but the actual progress is lagging by 22.20%.

1.3 Other tasks of Consultants

The key issues for the month of August 2019 regarding the other tasks of Consultants are summarised below:

1. The responses of the World Bank's latest comments on the EIA/EMP reports of Package-3 are in progress and expected to submit the corrected reports by next month.
2. The RAP of Package-2 was prepared based on LAP & also approved by the World Bank. But due to updating of LAP the area of land has been increased based on which RAP has been updated. After review by the PMU, RAP was sent to the World Bank. The World Bank Provided some observations on the RAP and those were met and resubmitted to the World Bank. The World Bank has approved the RAP after receiving the satisfactory responses of the observations.
3. The Consultant supported the PMU with the missions and meetings of the World Bank delegations to the Project including site visits and various reports and recommendations.

1.4 Key challenges and risks and recommendations

1.4.1 Key challenges and risks

Key challenges and risks are listed below:

1. The weather conditions in August 2019 were not favourable for construction of civil works.
2. Risks related to the site situations with respect to availability of lands remain almost same till August 2019; all stakeholders, including the Client, Client's Local offices, DC's, Contractor and Consultants, are doing their utmost efforts to organise this in a practical and pragmatic manner. It is Consultants view that progress is being made in the joint efforts in the interest of the CEIP-1 Project. This is an area which requires continued highest attention of all concerned;

Although a Modified Contract No. 2 for Consultancy Services was signed in the beginning of last year, Consultants envisage that further optimisation is urgently required to cope with the dynamics of the CEIP-1 Project to safeguard the liabilities of the Client and the Consultant. The Man months for some critical experts will be depleted soon, while the construction supervision team needs extension of at least 1.5 years for continuation of the services. As the contract variation is not possible without revision of DPP, the Consultant proposed a budget neutral adjustment (modified Contract No. 3). Several times discussions were held with PD regarding Budget Neutral Modified Contract No-3 and the last discussion was done on 20.05.2019 at the PMU office chaired by PD. A detailed discussion was done and PD gave some observations on the submitted proposed Budget Neutral Modified Contract No-3 and advice to submit the proposed Budget Neutral Modified Contract No-3 after proper revision as discussed. The Consultant submitted updated proposal for Contract Modification No.-3 on 18 June, 2019. PMU

CEIP-1 response to the proposal on 20 June, 2019 with some observations. Furthermore, a discussion meeting was held on 29 August 2019 among the Committee (formed by BWDB, headed by Chief Planning BWDB, Dhaka), Consultant and PMU, CEIP-1 staffs, on the different unsettled issues that were included in the proposed Budget Neutral Contract Modification No.03. The Contract Modification No.-3 is under preparation following the proceedings of the meeting.

1.4.2 Recommendations

The following recommendations are made:

1. When there would be a land availability issue, joint efforts of Contractors, Engineer and Employer should be enhanced to solve issues at stake. It is recommended that the Employer plays a visible role here and increased efforts should continue; less reporting and more resolving on the spot;
2. Revised Proposal for Contract Modification No.-3 will be submitted by the Consultants very soon.

1.5 Action Log

In Table 1-1 below an action log is introduced to monitor actions required to be taken forward in the interest of the CEIP-1 Project. It will be updated monthly, and actions fulfilled will be deleted.

Table 1-1: Action Log

| Action No. | Description of action | By when | By whom | Done by and can be deleted from this Action Log next month | | Remarks |
|------------|--|------------|-------------------------|--|--------|---|
| | | | | Date | Done | |
| Nov17-001 | PMU-World Bank Environmental actions agreed upon on 23 rd November 2017 | Continuous | Consultants | Continuous | mostly | Improvement of Consultant's report has been done, Contractor achieved most of the requirements & EHS improvement is being continued |
| Nov17-003 | Revised Work Plan including methodology and resource planning. | 30-11-17 | Contractor | | Partly | The Engineer has advised the Contractor to submit the revised work program considering that all the remaining works to be completed within the extended time June 2020. |
| Nov17-006 | Payment in connection to land availability and instructing DC's accordingly. | 31-12-2017 | CEIP-1 PMU, | | Partly | This is progressing but need more acceleration. |
| Dec17-002 | Agree with Contractor Package-1 on claim for extension and increase of cost. | 09-04-2018 | Contractor and Engineer | | | The extension of time up to June 2020 was recommended by the Consultants with judicious The Extension of Time has been approved up to 30 June 2020 by the Employer vide Memo No. CEIP-1/W-01/331 dated: 18-03-2019 with the condition that no claim will be acceptable due to this Extension of Time. |
| Jan18-001 | Advise Contractors to involve international experts in various fields. | 28-02-2018 | Engineer | | | Contractor Package-1 has involved international experts; Contractor Package-2 is gradually involving international experts. |
| Jan18-002 | Take measures to further increase the progress of works Package-1 | 20-02-2018 | Contractor and Engineer | | | The Engineer has advised the Contractor to submit the revised work program considering that all the remaining works to be completed within the extended time of June 2020 |

| Action No. | Description of action | By when | By whom | Done by and can be deleted from this Action Log next month | | Remarks |
|-------------|---|------------|-------------------------|--|------|--|
| | | | | Date | Done | |
| Jan18-003 | Take measures to further increase progress of works Package-2 | 20-02-2018 | Contractor and Engineer | | | The Contractor has failed to execute the work as per target in the last FY. Hence the Contractor has been instructed to submit the revised work program so that the remaining work can be completed within the contract period. |
| Feb2018-001 | Follow-up Environmental Mission of World Bank, February, 2018 | 1-05-2018 | Consultants | | | Ongoing |
| Mar2018-003 | Prepare guiding document for accelerating work for Package-1 and Package-2 during monsoon | 15-04-2018 | Engineer | | | This action was implemented during the regular review meetings on work progress and for preparing the updated work programs for the fiscal year 20 19-2020. and also, will be followed during the preparation of updated work program. |

1.6 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. 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

2.1 Package-1

| No. | Item | Key Achievements during the month – Package-1 |
|-----|--|---|
| 1 | Modelling | Not applicable |
| 2 | Surveys and Design | Several designs prepared and implementation of some Emergency Works have been completed and protected the Polder area from saline water intrusion. |
| 3 | Works | <ul style="list-style-type: none"> ➤ Construction / Re-Sectioning of Embankment: 0.00 Km (Full) & 22.387 Km (Part) ➤ Excavation / Re-Excavation of Drainage Channel: 0.00 Km ➤ Construction of Drainage Sluice: 0 no. (Full) & 3 nos. (Av.93.00%) ➤ Repair of Drainage Sluice: (2 nos. completed by June, 2019) ➤ Construction of Flushing Inlet: 0 no. (Full) & 01 nos. (82.15%) ➤ Repair of Flushing Inlet: 1 no. (70.12%) ➤ Embankment Slope Protection Works: 0.00 Km ➤ River Bank Protection Works: 0.00 Km ➤ Nalian Closure Dam: Foundation work 0.00% completed. |
| 4 | Contractor Resources | Updated by Contractor Package-1 in terms of labour and equipment. |
| 5 | 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 March-August 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 laborers. • The final numbers of entities as of August 2019 stands at 5,347 of whom 4,619 non-titled (Squatters), 448 tenants and 280 as wage labors. • BDT 5868.49 lac has been paid to the 3,965 non-titled EPs (squatters) as compensation/resettlement benefit against their affected residential, fish gher, commercial, tress. Moreover, the compensation has been paid for Social Forestry (27 nos. for CPR) is BDT 16.12 lac and for removing 49 nos. electric poles an amount of BDT 13.05 lac. Total 5,897.66 in lac has been compensated against Package-1 up to August 2019. |
| 6 | LAP | <ul style="list-style-type: none"> • 131.03 Ha. land was programmed for Land Acquisition (LA) in four polders. • Possession received a total of 116.57 ha and possession of total 14.46 ha lands are yet to be received out of which total 11.12 ha lands are of Polder 35/1 against three mouzas (Kumarkhali-1.62ha, Rayenda-2.57ha & Sharankhola Mouza-6.93 ha.) & 3.34 ha lands are of Polder 33 against one mouza (Banishanta). • The proposal for 3.34 ha land of Banisanta mouza of Polder-33 has sent on 10/10/2018 to the MoL by concern DC office for final approval and accordingly MoL approved on 13/01/2019. Fund placed to DC office on 08/05/2019 (913.47 in lac) and Notice U/S-8 has been served as per new Act'17. According to the Land |

| No. | Item | Key Achievements during the month – Package-1 |
|-----|-----------------------------|---|
| | | <p>Acquisition Policy, a letter has been sent by the DC Office, Khulna to the Upazila Land Office for a report on VP Land.</p> <ul style="list-style-type: none"> On the other hand, in Polder-35/1, reconnaissance field visit has been completed for 11.12 ha land under three mouzas (Kumarkhali, Rayenda & Sharankhola) on 18th March 2019 by the committee. DLAC has approved 6.93 hactre of land for Sharankhola mouza on 07 May 2019. As of August 2019, DC office Khulna & Bagerhat has paid a total BDT 5981.58 lac against 2357 nos. of awardees among Titled EPs (752 nos. of Polder-32, 368 nos. of Polder-33, 870 nos. of Polder-35/1 & 367 nos. of Polder-35/3). <i>Total 47 nos. of titled EPs have been paid under the CUL has been made in August 2019.</i> |
| 7 | Relocation | About 97.46% of paid EPs have already been relocated. 53.90% Eps have relocated on their own land; 12.51% on newly purchased land; 17.12% EP has replaced to their relatives or others' land; 11.78% have relocated temporarily at nearby area; about 2.54% of the paid EPs are yet to be relocated from the ROW. About 1.09% & 1.08% have relocated respectively in Market & Group Relocation. |
| 8 | Grievances | 151 complaints/grievances have received up to August 2019 by GRC. 33 complaints/grievances have been resolved at the entry level, while 114 cases have been resolved through investigations and formal hearing by GRC. 04 lodged grievances have been trying to resolve in entry level by the GRC. All records of GRC preserved according to the guidelines of RAP policy. |
| 9 | Environment | Monitoring of safeguards measures and compliances is ongoing and amongst others the World Bank environment, health and safeguard mission have visited the project area in April 2018. Moreover, video conferences were conducted with WB Sr. Environmental Specialist (Mr. Takeaki Sato), when various EHS information were exchanged, when various guidelines were also provided, which are being followed for compliance by the Contractor. In the meantime, the Contractor has collected air, soil and water samples for testing of their qualities along with conduct of noise qualities of susceptible locations. The Contractor has also finalised the update of EAP and made translation into Chinese and Bangla for understanding of wider range of stakeholders. |
| 10 | Value of Physical Work Done | The total value of physical work done up to August 2019 is BDT 5625.93 million and during August 2019 is BDT 0.00 million. |
| 11 | Finance | Total expenditure incurred up to IPC-21 is BDT 5296.30 million including Adjustment for Changes in Legislation (VAT & IT) & Adjustment for Changes in Cost. An amount of BDT 637.74 million has been recovered from the advance payment of BDT 660.89 million. |
| 12 | Contract Administration | The draft Variation Order No.3 was submitted to PMU and that was reviewed by the PMU and suggested to compare the determinate rate of the Engineer with the schedule rate of Barisal O & M Division. The determination rate of the Engineer has been compared with the schedule rate of Khulna O & M Circle and found determination rate is lower than the schedule rate of Khulna O & M Circle. Hence, the Variation Order No.3 has been submitted based on the Engineer's |

| No. | Item | Key Achievements during the month – Package-1 |
|-----|------|---|
| | | <p>determination rate to PMU on 25 February 2019. Some observations were made on the Variation Order No.3 by the World Bank and Consultants related part of those have been met up and the revised version of the Variation Order No.3 has been submitted to PMU on 24th April 2019. The approval of Variation Order No.3 is under way as per information of the PMU.</p> <p>Draft Contract Supplement No.1 of Package-1 was prepared including VAT & IT adjustment for changes in legislation, Financing charges for delay payment for VAT, IT & IPC and additional cost for Physical & Financial Contingencies and submitted to PMU. The Project Director, CEIP-1 has made some observations and suggestions on the Draft Contract Supplement No.1 on 29th April 2019 and accordingly the Draft Contract Supplement No.1 has been revised and the revised version has been submitted to PMU on 12 May 2019. It was sent to World Bank on May 19, 2019 for Bank's review and concurrence. The World Bank provided their concurrence on 02 June 2019 and that was sent to Board on 09 June 2019 by PMU for approval. The Board has approved the Contract Supplement No.1 on 27 June 2019. The Contract Supplement No.1 has been signed between the Employer & the Contractor on 27 June 2019.</p> |

2.2 Package-2

| No. | Item | Key Achievements during the month – Package-2 |
|-----|----------------------|---|
| 1 | Modelling | Not applicable. |
| 2 | Surveys and Design | Designs were completed long ago. Contractor CICO has completed some sections of pre-construction surveys of 6 Polders and subsequently shop drawings also completed based on which the physical works were executed during the first dry season period 2017-2018. The Contractor has conducted pre-construction surveys for the some sections of the Polders and following the same shop drawings are prepared before executing the works in FY 2018-2019. The pre-sections surveys for the rest sections of the Polders will be conducted during FY 2019-2020 depending on the availability of land and subsequently shop drawings will be prepared before physical execution of works. Task force will be included in all survey works. |
| 3 | Works | <ul style="list-style-type: none"> ➤ Construction / Re-sectioning of Embankment: 0.00 Km (F) & 12.215 Km (P) ➤ Drainage Channel Excavation/Re-excavation: 0.00 km (F) ➤ Construction of Drainage Sluices: 19 nos. (Av. progress 31.88%) ➤ Repair of Drainage Sluices: 1 no. (7.41%) ➤ Construction of Flushing Inlets: 16 nos. (Av. Progress 23.49%) ➤ Repair of Flushing Inlets: 1 no. completed & 1 nos. (0.08%) ➤ River Bank Protections: 0.00 Km (F) ➤ Embankment Slope Protection Work: 0.100 km |
| 4 | Contractor Resources | Contractor has received the full advance payment against the first instalment & had been spent the money to purchase machineries and equipment; Chinese engineers and supporting personnel have mobilized, and the same is true for the recruitment of local labour; The 2 nd instalment is using for procurement of construction materials and other field requirements. |

| No. | Item | Key Achievements during the month – Package-2 |
|-----|--|---|
| 5 | RAP and status of resettlement Payment | <ul style="list-style-type: none"> The RAP for Package-2 was prepared and cleared by 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 WB in December, 2018. As per updated RAP a total of 6778 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 other institutions. Among the identified squatters /non-titled EPs, A total of 814 tenants (751 are commercial and 63 are residential HHs) and 328 wage labours. Necessary papers and documents such as Bank Account deposit slip, photocopy of national ID cards etc. have been collected from the Non-Titled EPs. ID Cards are being prepared for non-tiled EPs (squatters, tenants, wage laborers). The tenants and wage labours are not included in the current EP list. The Project Director has been approved 4,162 EP lists for issuance of EP ID Cards by the concern XEN. The EP lists includes 1394 nos. of Polder-48, 160 nos. of Polder-47/2, 567 nos. of Polder-43/2C, 722 nos. of Polder-41/1 and 1319 nos. of Polder-40/2 which all has sent to the concern XEN's for issuance of EP ID cards. There after a total of 2760 EP ID cards issued by the concerned XEN which includes 1002 nos. of Polder-48, 160 nos. of Polder-47/2, 456 nos. of Polder-43/2C, 406 nos. of Polder-41/1 and 736 nos. of Polder-40/2. A total of 2,772 EPs have been selected for payment of compensation/Resettlement benefits under first, second and third indent according to the policy of Resettlement Action Plan (RAP) out of which 1944 EPs have been received compensation/Resettlement benefits. The third indent of compensation payment under package-2 has submitted to the Project Director, CEIP-1 for his review and approval. |
| 6 | Preparation of LAP | <ul style="list-style-type: none"> 155.13 Ha land was programmed for Land Acquisition (LA) in six Polders of Package-2. The land acquisition proposal for six polders under Package - 2 has been submitted to concern DC (Pirojpur, Jhalokhathi, Barguna and Patuakhali) for acquisition. 139.26 Ha land has been approved by MoL for Polder 39/2C, 40/2, 41/1, 47/2 & 48. BWDB has placed fund against CUL to DC, Barguna for Polder-40/2 and Polder-41/1, DC, Pirojpur & Jhalakhathi for 39/2C, DC, Patuakhali for Polder-48. In Polder- 43/2C, total 11 mouza have been submitted to the DC office, Patuakhali. Among them issuance of notices U/S-4 have been issued against 5 (five) Mouzas (Golkhali, Purbogolkhali, Kalirchar, Charhoridevpur, Sohorirnirchar) & sent to the MoL for final approval. Remaining 6 (Six) mouza have been returned to BWDB by DC office, Patuakhali for necessary correction as per guidance of MoL. Among of 6 mouza 4 mouza Resubmission to the DC office, Patuakahali. Payment of CUL to EPs by DC Office has been recently started in Polder-40/2, 41/1 & 48. |

| No. | Item | Key Achievements during the month – Package-2 |
|-----|-----------------------------|---|
| | | <ul style="list-style-type: none"> For Polder-39/2C, notice u/s- 6 served & U/S-7 is under process. Fund placed against final estimate to DC Pirojpur for 105.91 ha and DC, Jhalokathi for 10.18 ha. |
| 7 | Relocation | <ul style="list-style-type: none"> 44.19% EPs have relocated on their own land; 6.89% on newly purchased land; 9.57% EPs have relocated to relative's or others' land; 18.36% have relocated temporarily at nearby area; 14.15% of the paid EPs are yet to be relocated from the ROW. 6.84% made group relocation. |
| 8 | GRC & FGD | <ul style="list-style-type: none"> A total number of 45 complaints/grievances have been received up to August 2019 by GRC. 25 of them have been resolved in the entry level by the field investigation and remaining 20 cases under process for investigation and formal hearing by GRC. Total of 1019 focus group meetings have been held with resolution. Some of the groups have been met twice or more. |
| 9 | Environment | The Contractor is carrying out the EHS compliances, which is improving with time through monitoring and learning. World Bank provided some comments on the 3 rd version of C-ESMP, on which the Contractor has to make response. They also prepared the EHS Risk Assessment of all the 6 Polders and the documents will be translated by the Contractor. |
| 10 | Value of Physical Work Done | The total value of physical work done up to August 2019 is BDT 3274.08 million and during August 2019 is BDT 13.76 million . |
| 11 | Finance | Total expenditure incurred up to IPC-09 is BDT 2698.55 million |
| 12 | Contract Administration | The Variation Order No.1 has been submitted to PMU vide Consultant's reference RDCOR_BC5883-100_L002119_DJK_MAR dated:20 June 2019 due to incorporation of new sizes of CC Blocks for the Slope Protection Work as per design drawing. |

2.3 Package-3

| No. | Item | Key Achievements during the Month – Package-3 |
|-----|------------------------|--|
| 1 | Mathematical Modelling | Mathematical modelling to detailed design parameters of the 7 Polders of Package-3 were completed in the month of February 2018 and sent to the Superintending Engineer, Design Circle-5 for review. Very recently, the review has been completed and gave clearance for starting the detailed design. |
| 2 | Surveys and Design | Surveys were completed in 2017 and immediately after getting the clearance, the preparation of design is in progress. 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 Repairing of Drainage Regulators and Repairing of Flushing Regulators etc have been submitted to the concerned design office of BWDB within June,2019. Among them the design of Embankment of 7 (Seven) Polders and design of 5 drainage Regulators have been approved by the Design Circle-5. The design of the remaining infrastructures is under process of approval by the concerned Design office. |

| No. | Item | Key Achievements during the Month – Package-3 |
|-----|---------------|---|
| 3 | Bid Documents | The preparation of Bidding Documents is under process and the Draft Bidding Documents will be submitted in September 2019. |
| 4 | RAP | <ul style="list-style-type: none"> The RAP for Package-3 has been prepared and submitted to World Bank for clearance. Following the accomplishment of the map of alignment fixing by the Engineering Team of DDCS & PMS Consultant, the LAP/RAP team has completed the Households (HHs) numbering and Inventory of Losses (IoL) survey in all 7 Polders under Package-3 of CEIP-1. A total of 20 Community/Stakeholder Consultation meeting were held at 15 different venues of the Polders. Draft RAP has been prepared. |
| 5 | LAP | LAP/RAP team has submitted the draft LAP for all Polders to XEN, CEIP-1 Khulna and PD office for checking & verifying as per Terms of Reference (TOR) of Acquisition & Requisition of Immovable Property Act 2017. But as per latest decision, the LAP has to be revised based on the revised LAP to be prepared by providing crest width of embankment 6.00m instead of 4.50 m. |
| 6 | 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. Bi-annual Environmental Monitoring Report for the period January-June, 2019 has been submitted in August 2019. Moreover, EHS Risk Assessment Reports of Package-2 Polders have been submitted along with the responses of the World Bank's Comments. |

2.4 DDCS&PMS Consultancy Services

| No. | Item | Key Achievements upto this Month - Consultant |
|-----|--|---|
| 1 | Construction Supervision Systems/Tools | Package-1 physical progress is 80.38% (4 Polders). Package-2 physical progress is 32.18% (6 Polders). Package-3 no contract, hence no site 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 review 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 | : 10 March, 2015 |
| Notice of award | : 21 September, 2015 |
| Signing of Contract | : 1 November, 2015 |
| Commencement of Works | : 26 January, 2016 |
| Original Target for completion | : 25 January, 2019 |
| Revised Target for completion | : Polder-32 & 35/1: 30 June, 2020 Polder-33: 31 st March, 2020 Polder-35/3: 30 June, 2019 |
| Contract Value | : BDT: 6,969,113,205.00 |
| Contract Supplement No.01 | : BDT: 7,243,662,887.49 |

3.1.3 RAP Implementation Package-1

3.1.3.1 Implementation Activities

RAP Implementation for Polders-32, 33, 35/1 and 35/3 under Package-1 is going on. Individual entitlement has been calculated based on Inventory of Losses (IoL) survey and as per PAVC recommended rate of the structures and other assets. A total of **6,127** entities (residential HHs, commercial premises and common property structures) were identified during updating of Inventory of Losses (IoL) in March-August 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 final numbers of entities as of August 2019 stands at **5,347** of whom **4,619 non-titled (Squatters)**, **448 tenants** and **280** as wage labourers. Payment of compensation, grants and resettlement benefits for four Polders under Package-1 was started in June 2016. As of August 2019, a total of **BDT 5897.66 in Lac** has been paid to the **3,965** non-titled EPs (squatters), **27** nos. for social forestry and **49** electric poles as compensation, grants and resettlement benefits against their affected residential, fish gher,

commercial, tress and common structures under first to ten indent of Package-1. 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 August 2019

| Polder | Non-titled (Squatters) | Tenants | Wage Labourers | Total | No of EPs Paid | Amount paid in BDT (Lac) |
|---|------------------------|------------|----------------|-------------|----------------|--------------------------|
| 32 | 1251 | 86 | 23 | 1360 | 1251 | 1553.36 |
| 33 | 1462 | 157 | 75 | 1694 | 1201 | 1723.38 |
| 35/1 | 1624 | 196 | 171 | 1991 | 1252 | 2197.47 |
| 35/3 | 282 | 9 | 11 | 302 | 261 | 394.28 |
| Total | 4619 | 448 | 280 | 5347 | 3965 | 5868.49 |
| 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 | | | | | 49 | 13.05 |
| Grand Total | | | | | 4041 | 5897.66 |

Payment under 11th & 12th Indent has been submitted to the competent authority and is being processed for immediate payment. The status of 11th & 12th indent has shown below:

| Sl No. | Polder No. | Status of 11 th & 12 th indent | | | | Total Number of EP's | Total Amount in BDT |
|----------------|------------|--|----------------|-------------------------------------|----------------|----------------------|---------------------|
| | | 11 th Indent Number EP's | Amount in BDT | 12 th Indent Number EP's | Amount in BDT | | |
| 0 | 1 | 2 | 3 | 4 | 5 | (2 + 4) = 6 | (3 + 5) = 7 |
| 1 | 32 | 6 | 2157730 | 0 | 0 | 6 | 2157730 |
| 2 | 33 | 9 | 1787986 | 0 | 0 | 9 | 1787986 |
| 3 | 35/1 | 12 | 2802931 | 58 | 3247560 | 70 | 6050491 |
| 4 | 35/3 | 1 | 272465 | 0 | 0 | 1 | 272465 |
| Total = | | 28 | 7021112 | 58 | 3247560 | 86 | 10268672 |

For payment of compensation and resettlement benefits to all kinds of EPs, necessary documents are being prepared as a continuous process. Progresses of activities in terms of preparation of documents are as follows:

- Among the total number of **5,351 non-titled** EPs, the ID numbers of all (100%) were devised;
- Opening of Bank Accounts of non-titled Eps were completed for **5,347 (100%)**;
- Preparation of EP ID Cards for non-titled EPs **5,347 (100%)**;
- EP ID cards have been checked & verified by Resettlement Specialist is 5,346 (99.90%); EP ID cards have been issued by XEN **5,346 (99.9%)**.
- Necessary processing is under process for the newly affected 11 EPs for river bank, embankment protection & VP Land in Polder 32 (06 Eps), polder 33 (04 Eps) and polder 35/3 (01 Eps) under Package-1.

3.1.3.2 Payment of Compensation under Law (CUL)

The payment of compensation under Law (CUL) to the Titled EPs is going on by DC office both Khulna & Bagerhat. As of August 2019, DC office Khulna & Bagerhat has paid a total BDT **5,981.58** lac against **2,357 nos.** of awardees among Titled EPs (752 nos. of Polder-32, 368 nos. of Polder-33, 870 nos. of Polder-35/1 & 367 nos. of Polder-35/3). **47 nos. of EPs have been paid under the CUL has been made in August 2019.** As the continuous process BWDB and the social team is keeping contract with the concern DC office for expediting the CUL payment and holding meeting regularly. A special meeting held on 13th August 2019 between XEN, CEIP-1, BWDB, Khulna and DC Bagerhat in presence of Project Director & Deputy Team Leader, CEIP-1 for expediting the CUL payment. The progress of payment of compensation under law (CUL) is shown in Table 3-2:

Table 3-2: Polder- wise payment made by DCs Khulna & Bagerhat till August 2019

| 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 in percentage (based on 100%) |
|---------------|----------------|------------------------------|---|----------------------|--|------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 32 | 3003 | 2086 | 1615.37 | 752 | 434 | 1,116.52 | 69.12 |
| 33 | 2208 | 1427 | 770.04 | 368 | 188 | 563.15 | 73.13 |
| | | | 913.47* | - | - | - | - |
| 35/1 | 1087 | 1087 | 4525.92 | 870 | 754 | 3,257.22 | 71.97 |
| 35/3 | 489 | 489 | 1510.51 | 364 | 297 | 1,044.69 | 69.16 |
| Total= | 6787 | 5089 | 9335.31 | 2,357 | 1,673 | 5,981.58 | 71.02 |

* The payment of CUL by DC has not yet started for 3.34 ha of land in Polder 33.

3.1.3.3 The substantial progress in payment of compensation under law (CUL) in package-1

The payment has been made for **1227** residential structures against target of **1611**, paid for **62** nos. commercial structures out of **79** and paid for **1068** nos. of land awardees out of **5097**. Payment made for total **47** nos. titled EPs during the month of August 2019. The Polder wise progress has stated in the following Table 3-3.

Table 3-3: Substantial progress report in payment of compensation under law till August 2019

| Polder No. | No. of Titled Eps (Awardees) | | | | Polder Wise Payment Summary (Awardees) | | | |
|---------------|------------------------------|------------|-------------|-------------|--|-------------------------------|---------------|--------------|
| | Residence | Commercial | Land | Total | Paid for residence | Paid for commercial structure | Paid for land | Total Paid |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 32 | 397 | 14 | 2592 | 3003 | 291 | 14 | 447 | 752 |
| 33 | 251 | 44 | 1913 | 2208 | 121 | 27 | 220 | 368 |
| 35/1 | 729 | 15 | 343 | 1087 | 590 | 15 | 265 | 870 |
| 35/3 | 234 | 06 | 249 | 489 | 225 | 06 | 136 | 368 |
| Total= | 1611 | 79 | 5097 | 6787 | 1227 | 62 | 1068 | 2,357 |

The payment of CUL from the DC office is going on. The social team identified the sloth motion of the payment procedures by the concerned DC Office. The BWDB and Social team are also perusing to the DC Offices regularly to expedite the payment of CUL. The social team has been trying to motivate the EPs by arranging the Focus Group Discussion (FGD) and Consultation meetings. They also assisting the EPs to prepare the payment documents and advising them on related matters and on the other hand, continuous persuasion is maintaining to the concerned DC office for following up the payment. The visual presentation is shown below:



Figure 3-1: FGD in Polder 32 at Starkhali



Figure 3-2: FGD in Polder 33 at Chunkuri



Figure 3-3: FGD at Rajoir in Polder 35/1



Figure 3-4: FGD at Rajapur in Polder 35/1



Figure 3-5: FGD by LAP/RAP team for payment of CUL by DC, Khulna for Polder-32 & 33



Figure 3-6: FGD by LAP/RAP team for payment of CUL by DC, Bagerhat for Polder-35/1 & 35/3

3.1.3.4 Relocation Status and Assessment of Relocation in Package-1

Following the payment of compensation against the First to Ten indents the affected people started relocating their structures by their own choice. It was disseminated to the people that if the affected people show their willingness to group relocation, the project will provide necessary civic amenities like construct entrance way to the resident, sanitation, tube well etc. BWDB, DDCS&PMS Consultant have been encouraging the EPs for group relocation so that there will be little chance to come back on the embankment. But in most cases, the affected people prefer individual relocation. Self-relocation has been started but the pace is very slow. Hopefully it will drive very swiftly within few

days. A good number (57 nos.) of EPs from the total 74 nos. have not been relocated yet in polder 33 situated in Laodobe Bazar. Concern PAVC is looking for the suitable place for better market relocation. Point to be mentioned here that the construction work of the chainage is ongoing. The social team are trying to arrange group relocation.

- 53.90% EPs have relocated on their own land;
- 12.51% EPs have relocated on newly purchased land;
- 17.12% EPs been staying for the time being at relative's or others' land;
- 11.78% EPs have been relocated temporarily at nearby area;
- 2.52% of the paid EPs are yet to be relocated from the ROW.
- 1.09% & 1.08% have relocated respectively in Market Relocation & Group Relocation.

Table 3-4: Update Relocation Status as of August 2019

| Status of relocation | Number of squatters relocated by Polders | | | | | Progress in percentage (%) |
|---|--|-------------|-------------|-------------|-------------|----------------------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total | |
| <i>1</i> | <i>2</i> | <i>3</i> | <i>4</i> | <i>5</i> | <i>6</i> | <i>7</i> |
| Relocated on own land | 666 | 716 | 623 | 132 | 2137 | 53.90 |
| Relocated on purchased land | 112 | 69 | 270 | 45 | 496 | 12.51 |
| Relocated on relative & other's land | 235 | 173 | 206 | 65 | 679 | 17.12 |
| Relocated Temporarily at nearby area (Govt. Land) | 203 | 169 | 93 | 02 | 467 | 11.78 |
| Total Relocated-A | 1216 | 1127 | 1192 | 244 | 3779 | 95.31 |
| Not yet relocated | 15 | 74 | 11 | 00 | 100 | 2.52 |
| Market Relocation | 06 | 00 | 20 | 17 | 43 | 1.09 |
| Group Relocation | 14 | 00 | 29 | 00 | 43 | 1.08 |
| Total Relocation-B | 35 | 74 | 60 | 17 | 186 | 4.69 |
| Total Relocation target (A+B) = | 1251 | 1201 | 1252 | 261 | 3965 | 100 |

This percentage has mostly remained static than the prior times due to monsoon but relocation rate was increased after the payment of Ten indent. They are planning for self-relocation individually. Each of the relocated EPs has been consulted by the RAP field staff before and after relocation. The relocation activities are going on.

3.1.4 Status of Physical and Commercial Displacement/Relocation (Non-titled)

The status of Physical displacement and Economical displacement (Relocation) of Package-1 for four Polders are given as follows:

Table 3-5: Physical displacement and Economical displacement (non-titled) of Package-1

| Sl.No | Polder No. | Physical Displacement | Economical/Commercial Displacement | Total Displacement |
|----------------|------------|-----------------------|------------------------------------|--------------------|
| 1 | 32 | 864 | 387 | 1,251 |
| 2 | 33 | 862 | 339 | 1,201 |
| 3 | 35/1 | 897 | 355 | 1,252 |
| 4 | 35/3 | 150 | 111 | 261 |
| Total = | | 2,773 | 1,192 | 3,965 |

3.1.5 Relocation Status of Physical Displaced household (Non-titled) in Package-1

It is evident from the majority of the displaced people **56.26%** relocated to self-managed land. It is very important that **15.18%** people have been settled in purchased land and hope the group will be sustained.

Table 3-6: Relocation Status of Residence (Physical Displacement) in Package-1

| Status of relocation | Number of squatters relocated by Polders | | | | Total Physical Displacement | Progress in percentage (%) |
|---|--|------------|-------------|-------------|-----------------------------|----------------------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | | |
| Relocated on own land | 461 | 527 | 475 | 97 | 1560 | 56.26 |
| Relocated on purchased land | 103 | 35 | 241 | 42 | 421 | 15.18 |
| Relocated on relative & other's land | 173 | 126 | 152 | 10 | 461 | 16.62 |
| Relocated Temporarily at nearby area (Govt. Land) | 109 | 116 | -- | 01 | 226 | 8.15 |
| Not yet relocated | 04 | 27 | 00 | 00 | 31 | 1.12 |
| Group Relocation | 14 | 31 | 29 | -- | 74 | 2.67 |
| Total = | 864 | 862 | 897 | 150 | 2773 | 100 |

3.1.6 Relocation Status of Economical / Commercial Displacement in Package-1

The relocation status of Economical/Commercial displacement of 4 Polders under Package-1 is shown below:

Table 3-7: Status Relocation Status of Economical/Commercial Displacement (non-titled)

| Status of relocation | Number of squatters relocated by polders | | | | Total Economical/ Commercial Displacement | Progress in percentage (%) |
|---|--|------------|-------------|-------------|---|----------------------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | | |
| Relocated on own land | 205 | 189 | 148 | 35 | 577 | 48.41 |
| Relocated on purchased land | 09 | 09 | 29 | 03 | 50 | 4.19 |
| Relocated on relative & other's land | 62 | 40 | 23 | 55 | 180 | 15.10 |
| Relocated Temporarily at nearby area (Govt. Land) | 94 | 63 | 122 | 01 | 280 | 23.49 |
| Not yet relocated | 17 | 38 | 13 | 00 | 68 | 5.70 |
| Market Relocation/Group Relocation | - | - | 20 | 17 | 37 | 3.10 |
| Total = | 387 | 339 | 355 | 111 | 1192 | 100 |

3.1.7 Progress in relocation of the Titled Affected households in package-1

The relocation so far made for the titled affected households those of who were compensated under law are stated in the following table. The progress in relocation reveals that **1,221** residential has relocated out of **1,227** where progress for the month of August 2019 is **05** and **62** commercial structures relocated out of target **62**. The Polder wise progress has stated in the following table.

Table 3-8: Polder wise Number of relocated of Titled EP (Residence and Commercial Awardees) compensation under law

| Number of relocated Residence and Commercial Titled EPs (Awardees)polders | | | | |
|---|-------------------|-------------|--------------------|-----------|
| Polder No. | Residence Payment | Relocated | Commercial Payment | Relocated |
| 32 | 291 | 291 | 14 | 14 |
| 33 | 121 | 121 | 27 | 27 |
| 35/1 | 590 | 589 | 15 | 15 |
| 35/3 | 225 | 225 | 06 | 06 |
| Total | 1227 | 1226 | 62 | 62 |

This percentage of relocation is increasing gradually. The APs are interested for self-relocation individually. The LAP/RAP field staffs have been monitoring closely the relocation progress and recording status before and after relocation.





HHs ID 1783 Resident Structure Before Relocation
Polder No. 35/1



HHs ID 1783 Resident Structure After Relocation
Polder No. 35/1

Figure 3-13: Before Relocation HH 1783 in Polder 35/1

Figure 3-14: After relocation HH 1783 in Polder 35/1

Group Relocation

One group Relocation is taken place at Uttar Kamarkhola in Polder-32. The relocation site is named as CEIP Village at Uttar Kamarkhola near BWDB office. LAP/RAP team is continuing effort for convincing and motivating APs for more group relocation in other places in four Polders under Package-1. Another group relocation made in Polder 33 named Chunkuri Dangapara CEIP-1 Village comprises a total 22 Eps made the Village.



Figure 3-15: Group Relocation site: Meeting at CEIP Village, Uttar Kamarkhola under Polder-32



Figure 3-16: Group Relocation site: Chunkuri (Dangapara) CEIP-1 Resettlement Village under Polder-33



Figure 3-17: Group Relocation site at Jhilbunia of polder 35/1



Figure 3-18: Group Relocation site at khontakata of polder 35/1

Business/Market Relocation of Package-1

Some businessmen / shopkeepers have relocated their commercial structures by themselves. Some of them have already been selected the relocation spots/location and hope that they will shift soon. Two Bazars (Mollikerber Madrasha Bazar in Polder 35/3 & Terabeka Bazar in 35/1) have been identified for relocation and LAP/RAP team is continuing motivational effort in these areas. Progress made for June 2019 describes that another market relocation caused to happen at Joynagar Bangar at Polder 32 comprises 6 shopkeepers has made group market relocation.

Since most of the squatters are landless and some of them have arable land only which is not suitable for living. So, squatters are encouraged for purchasing of land with the compensation they are provided. It is also evident that the compensation for structure has been adequately assessed and affected people are apparently satisfied with the compensation amount they get.

Business owners are encouraged for relocating their business concerns in a cluster market at the locations nearby of the affected market. The following photographs shows the new market locations.



Figure 3-19: Relocation site at Mollikerber Madrasha Bazar in Polder-35/3



Figure 3-20: Market Relocation for Joynagar Bazar at Polder 32



Figure 3-21: Market Relocation for Anando Bazar, Razapur at Polder 35/1

3.1.8 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. The organogram of GRC is given as follows Table 3-9:

Table 3-9: Organogram of GRC

| | |
|---|------------------|
| Concern Executive Engineer, BWDB, | Convenor |
| UP Representative | Member |
| Representative of Educational Institution | Member |
| Representative of Women Local Group | Member |
| Representative of PAP Group | Member |
| Representative of IA/LAP-RAP Team | Member Secretary |

A total number of **151 complaints/grievances** have been received up to August 2019 by GRC in package-1. Among those, **33 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 **04** 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. Grievance of Selina Begum resolved and no grievances remain regarding her land after on 20th March 2019.

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 | Resolved by GRC | Newly lodged Grievances |
|----------------|----------|-----------|------------------------|-------------------------|-----------------|-------------------------|
| 1 | Khulna | 32 | 45 | 14 | 29 | 02 |
| 2 | Khulna | 33 | 14 | 8 | 06 | 0 |
| 3 | Bagerhat | 35/1 | 25 | 6 | 19 | 00 |
| 4 | Bagerhat | 35/3 | 67 | 5 | 60 | 02 |
| Total = | | | 151 | 33 | 114 | 04 |

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. Information to be noted here that some EPs are lodging the court case will fully and LAP/RAP team have been working for resolving the cases i.e collection of court case paper from the court, purchasing the advocates copy, answering the court hearing, cooperate the advocates by providing the required information etc. The LAP/RAP team is soliciting the cooperation and support from the concern office. Hence the team is trying to resolve the matter with the XEN.

3.1.9 Consultation and Participation (Citizen Engagement)

Consultation meetings are the best resolutions to bridge the gap between the APs and the primary stakeholders of the project (donors, acquiring and requiring bodies, implementing agencies etc.). Project beneficiaries and affected communities can participate directly in consultation meetings.

Regard to consultation meeting on social issues, consultation meetings as per need have been conducting by the DDCS&PMS Consultants along with the PMU experts. For example, similar consultations were organized in four Polders under package -1 in August 2018 too which reported in this monthly progress report. The main objectives of those consultations were as follows:

The main Objectives of this meeting are as follows:

- Spot resolutions for removable of obstacles to start or run construction/civil works.
- To identify the challenges faced by the titled EPs to receive the compensation from the concerned DC offices against acquired properties.
- To provide more clarification about the submission of necessary papers document required to submit the DC offices for receiving the compensation money.
- To find the solutions and provide proper guidelines and assistance for preparing the required documents.
- To help the Titled EPs and concerned DC offices to expedite the compensation procedures.
- To build awareness about Environment and Social Safeguard Issues of CEIP-1 project.
- To cooperate DC office and titled EPs.

During the month, numerous informal consultation meetings were held among DDCS & PMS Consultants, LAP/RAP Team, BWDB local affected beneficiaries and local government representatives both in package-1 and package-2.

3.1.10 Status of Land Acquisition of Package-1

The possession of land **116.57 ha** has been received for Polder-32, 33, 35/1 and 35/3. An additional Land Acquisition Plan (LAP) was submitted to the DC, Khulna & Bagerhat under Polder-33 & 35/1. A total of **14.46 ha** lands are pending for procession received out of which total **11.12 ha** lands are of Polder 35/1 against three mouza (**Kumarkhali-1.62ha, Rayenda-2.57ha & Sharankhola Mouza-6.93ha**) & **3.34 ha** lands are of Polder 33 against one mouza (**Banishanta**). The proposal for 3.34 ha land in Banisanta mouza has already approved by MoL. Fund has been placed against final estimate to DC; Khulna by BWDB. Notice U/S-8 has been served as per land acquisition Act'17. On the other hand, in Polder-35/1, reconnaissance field visit has been completed for 11.12 ha lands under three mouzas (Kumarkhali, Rayenda & Sharankhola) on 18th March 2019. DLAC completed only for Sharankhola Mouza (6.93 ha) on 07/05/2019. In the meantime, Notice U/S-4 has been issued. After receiving the notice U/S-4 the land owners lodged complaint/Grievance President of the District Land Allocation Committee. Accordingly, on 7th August 2019, based on this application a hearing along with XEN, CEIP-1 happened in the conference room of the DC office, After the hearing an Evaluating complaints is endless a decision has been taken that the alignment is required to change the alignment on the grave yard of the plot no 2678, 2684, 2685, 2679, 2681, 2682 & 2683 considering. Then the Executive engineers with LAP/RAP team has taken a field visit on 26 August 2019 and recommended to the LAP/RAP team to revise the LAP considering the land owners lodged complaint/Grievance and submitted to the concern authority. The DLAC meeting will be held on 11-9-19 for remaining two mouzas (Kumarkhali and Raynda) Status of land acquisition for four Polders under Package-1 is furnished below.

Table 3-11: 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 | 50.65 | 50.65 | 50.65 | 50.65 | 50.65 (26.09.17) | - | - | 1615.37 | 1116.52 (69.12%) | Persuasion going on with APs to expedite the CUL payment. |
| 2 | 33 | Khulna | 10.94 | 10.94 | 10.94 | 10.94 | 10.94 (27.09.17) | - | - | 770.04 | 563.15 (73.13%) | Persuasion going on with APs to expedite the CUL payment. For additional 3.34 ha. (Banisanta Mouza), Fund has been placed against final estimate to DC; Khulna by BWDB, 08/05/2019 (913.47 in lac). Notice U/S-8 has been served as per new Act'17. Payment of 3.34 ha. has not yet started. Because to the Land Acquisition Policy, a letter has been sent by the DC Office to the Upazila for a report on VP by the Upazila Land Office. |
| | | | 3.34 | 3.34 | 3.34 | 3.34 | | 3.34 | | 913.47 | | |
| 3 | 35/1 | Bagerhat | 41.29 | 41.29 | 30.17 | 30.17 | 30.17 (22.03.18) | 11.12 | - | 4525.92 | 3257.22 (71.97%) | Persuasion going on with APs to expedite the CUL payment. Necessary activities are going on for all three mouzas by the DC office on the newly proposed lands (11.12 ha). DLAC completed only for Sharankhola Mouza on 07/05/2019. Notice U/S-4 has been served as per new Act'17 |
| 4 | 35/3 | Bagerhat | 24.81 | 24.81 | 24.81 | 24.81 | 24.81 (08.11.17) | - | - | 1510.51 | 1044.69 (69.16%) | Persuasion to expedite the CUL payment to APs is going on. |
| Sub-Total = | | | 131.03 | 131.03 | 119.91 | 119.91 | 116.57 | 14.46 | | 9335.31 | 5981.58 (71.02%) | |

3.1.11 Land Acquisition for Package-2

The land acquisition proposal for six polders under Package -2 has been submitted to concern DC (Perojpur, Jhalokathi, Barguna and Patuakhali) for acquisition. In the meantime, **139.26 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-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, Purbogolkhali, Kalirchar, Charhoridevpur, Sohorirnirchar), those have been sent to the MoL for final approval. Remaining Land acquisition proposal for 6 (Six) mouzas have been returned to BWDB by DC for necessary correction, four of them are resubmitted to DC office, Patuakhali. For Polder-39/2C, Notice U/S-6 has been served & U/S-7 is under process. The status of land acquisition for Package-2 is furnished in the following table:

Table 3-12: 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 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | 39/2C | Perojpur&Jhalokathi | 116.09 | 116.09 | 116.09 | 116.09 | - | 116.09 | -- | 10052.33 | -- | Approved by MoL on 06.12.2017. Issuance of Notice u/s- 6 served & U/S-7 is Under process (Pirojpur & Jhalokathi District). Fund placed to DC against final estimate of CUL. |
| 2 | 40/2 | Barguna | 12.45 | 12.45 | 12.45 | 11.67 | 4.18 | 7.49 | | 879.92 | 325.56 (40%) | Approved by MoL on 13.03.2018 remaining 0.78 ha pending for court Case. Issuance of notices U/S-7 is served and 2 mouza handed over by DC to BWDB. All Fund placed to DC by BWDB except Court Case portion (0.78 ha). Payment of CUL is going on in ongoing. |
| 3 | 41/1 | Barguna | 8.29 | 8.29 | 8.29 | 8.29 | 8.16 | 0.13 | | 444.52 | 208.98 (47%) | Approved by MoL on 13.03.2018, All DC Payment in 7 mouza is ongoing. Possession of 6 mouzas Handover from Dc to BWDB (N.B. total 7 mouza). |
| 4 | 43/2C | Patuakhali | 14.66 | 14.66 | 14.66 | -- | -- | 5.64 | 9.02 | -- | -- | DLAC completed 14.03.2018 & 10.09.18. Among total 11 mouzas, issuance of notices U/S-4 have been completed issued against 5 (five) Mouza which sent to the MoL for final approval. Remaining 6 (Six) mouza have been returned by DC for necessary correction. |
| 5 | 47/2 | Patuakhali | 2.57 | 2.57 | 2.31 | 2.31 | -- | 2.31 | - | -- | -- | Approved by MoL on 05/04/2018. Notice U/S-6 is completed and Preparation of estimate is under process. Resently submitted 0.26(ha). |
| 6 | 48 | Patuakhali | 1.07 | 1.07 | 1.07 | 0.90 | -- | 1.07 | - | 341.54 | 62.56 18% | Approved by MoL on 9/7/18. 0.90 (ha) DC Payment is ongoing. Approval DLAC 0.17 on 05/08/2019. |
| Total= | | | 155.13 | 155.13 | 154.87 | 139.26 | 12.34 | 132.73 | 9.02 | 11376.77 | 597.70 (36%) | |

3.1.12 Updating of RAP for Package-2

3.1.13 Preparatory Activities

RAP for Package-2 has been concurred by the World Bank and is being updated based on final Land Acquisition Plan (LAP). The IoL has been updated based on final Land Acquisition Plans. A total of **6778 entities** have been identified of whom **1777** entities are titled and **4747** are non-titled on Government land (squatters) which may fluctuate, **135** units are identified as community properties and **119** as other institutions will be affected. A total of **814** tenants have been identified among them **751** are commercial and **63** are residential HHs. Moreover, **328** wage labours have also been identified as affected in commercial premises. It is to be noted that the number of **159** nos. of EPs has been deducted from recent survey and technical reason by field verification jointly by the DDCCS & PMS Consultant along with LAP/RAP team. The Polder wise number of Entitled persons is shown Table 3-13 below:

Table 3-13: Polder-wise numbers of Entitled Persons

| Polder | Total HHs Surveyed | Land under private ownership | No. of Squatters | Tenants (GoB land) | | | Wage labours (GoB land) |
|---------------|--------------------|------------------------------|------------------|--------------------|-------------|------------|-------------------------|
| | | | | Commercial | Residential | Total | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 39/2C | 1,540 | 1489 | 52 | 21 | 06 | 27 | 11 |
| 40/2 | 1,910 | 156 | 1745 | 381 | 17 | 498 | 95 |
| 41/1 | 924 | 37 | 844 | 64 | 04 | 68 | 12 |
| 43/2 | 646 | 77 | 536 | 106 | 09 | 115 | 24 |
| 47/2 | 181 | 17 | 201 | 08 | 00 | 08 | 01 |
| 48 | 1,492 | 01 | 1369 | 171 | 27 | 198 | 185 |
| Total= | 6,693 | 1777 | 4747 | 751 | 63 | 814 | 328 |

Source: Updated IoL (June 2016 – August 2019)

3.1.14 Implementation RAP for Package-2

Necessary papers and documents such as Bank Account deposit slip, photocopy of national ID cards etc. have been collected from the Non-Titled EPs. ID Cards are being prepared for non-titled EPs (squatters, tenants, wage labourers). The tenants and wage labours are not included in the current EP list. The Polder-wise status of ID cards is shown in Table 3-14 below;

Table 3-14: Status of ID card preparation for Implementation in Package-2

| Polder Nos. | Number of Non-Titled EPs. | Number of Photograph taken of the EPs. | Number of Accounts opened with Bank | Number of National ID cards procured | Number of UP certificate collection | Number of EP ID Cards prepared |
|---------------|---------------------------|--|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------|
| 39/2C | 52 | 50 | 50 | 50 | 50 | 50 |
| 40/2 | 1745 | 1,666 | 1,666 | 1,666 | 1,666 | 1,666 |
| 41/1 | 844 | 802 | 802 | 802 | 802 | 802 |
| 43/2C | 536 | 567 | 567 | 567 | 567 | 567 |
| 47/2 | 201 | 160 | 160 | 160 | 160 | 160 |
| 48 | 1369 | 1,394 | 1,394 | 1,394 | 1,394 | 1,394 |
| Total= | 4747 | 4,639 | 4,639 | 4,639 | 4,639 | 4,639 |

Source: MIS and field-level information

A total list of **4,162** EP ID Cards have allowed by the Project Director for issuance by the concern XEN and from the allowed card lists includes 1394 nos. of Polder-48, 160 nos. of Polder-47/2, 567 nos. of Polder-43/2C, 722 nos. of Polder-41/1 and 1319 nos. of Polder-40/2 which all has sent to the concern XEN's for issuance. There after a total of 2,760 EP ID cards issued by the concerned XEN which includes 1002 nos. of Polder-48, 160 nos. of Polder-47/2, 456 nos. of Polder-43/2C, 406 nos. of Polder-41/1 and 736 nos. of Polder-40/2. Polder wise EP ID Cards issuance progress of Package-2 under CEIP-1 has been shown in the Table 3-15:

Table 3-15: Status of up to date progress of Polder wise EP ID Cards preparation of Package-2

| Polder nos. | Total Nos. of Squatters | Number of EP ID Cards prepared by LAP/RAP Team | Nos. of EP Cards & lists submitted to DDCS & PMS Consultants for cheeking & verifying | Nos. of EP Cards & lists cheeked & verified by RS of DDCS&PMS Consultants | Nos. of EP lists review & approved by PD for issuance by concern XEN | | Nos. of EP ID cards submitted by RAP team to XEN for issuance | | |
|---------------|-------------------------|--|---|---|--|----------|---|--------------------|----------------------------|
| | | | | | Nos. | Dated | Date of submission | Nos. of submission | Nos. of card issued by XEN |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 39/2C | 52 | 50 | - | - | - | - | - | - | - |
| 40/2 | 1745 | 1,666 | 1319 | 1319 | 1319 | 16/7/17 | 20/7/17 | 1319 | 736 |
| | | | | | | 28/1/18 | 6/3/18 | | |
| | | | | | | 19/03/19 | 28/03/19 | | |
| 41/1 | 844 | 802 | 722 | 722 | 722 | 16/7/17 | 20/7/17 | 722 | 406 |
| | | | | | | 22/10/17 | 7/12/17 | | |
| | | | | | | 20/8/18 | 13/9/18 | | |
| | | | | | | 19/03/19 | 28/03/19 | | |
| 43/2C | 536 | 567 | 567 | 567 | 567 | 28/1/18 | 7/3/18 | 567 | 438 |
| | | | | | | 20/8/18 | 4/9/18 | | |
| | | | | | | 19/03/19 | 28/03/19 | | |
| 47/2 | 201 | 160 | 160 | 160 | 160 | 16/7/17 | 6/8/17 | 160 | 160 |
| | | | | | | 28/1/18 | 7/3/18 | | |
| | | | | | | 20/8/18 | 4/8/18 | | |
| 48 | 1369 | 1,394 | 1394 | 1394 | 1394 | 26/7/17 | 24/9/17 | 1394 | 1002 |
| | | | | | | 27/7/17 | | | |
| | | | | | | 13/8/17 | 7/3/18 | | |
| | | | | | | 28/1/18 | | | |
| | | | | | | 20/8/18 | | | |
| 19/03/19 | 28/03/19 | | | | | | | | |
| Total= | 4,747 | 4,639 | 4,162 | 4,162 | 4,162 | | | 4,162 | 2,742 |

3.1.15 Payment & Resettlement Benefits for Package-2

Payment for Compensation and resettlement benefits for non-titled EPs (Squatters) has been started from September, 2018. A total of **2,772** EPs have been prepared for payment of compensation/Resettlement benefits under first, second and Third indents according to the policy of Resettlement Action Plan (RAP) and **2181** EPs have been paid amounting BDT **231.36** Million (**2313.61** Lac). The detail of the issue is shown in below:

Table 3-16: Payment of Resettlement Benefit in package-2

| Sl. No. | Polder nos. | Status of 1st Indent forwarded for payment | | Status of 1st indent payment | | Status of 2nd Indent forwarded for payment | | Status of 2nd indent payment | | Status of 3rd Indent forwarded for payment | | Status of 3th indent payment | | Status of Total Payment | |
|----------------|-------------|--|---------------------|------------------------------|---------------------|--|--------------------|------------------------------|--------------------|--|--------------------|------------------------------|--------------------|-------------------------|---------------------|
| | | Nos. of EPs forwarded for payment | Total amount (BDT) | Nos. of EPs Paid | Amount Paid (BDT) | Nos. of EPs forwarded for payment | Total amount (BDT) | Nos. of EPs Paid | Amount Paid (BDT) | Nos. of EPs forwarded for payment | Total amount (BDT) | Nos. of EPs Paid | Amount Paid (BDT) | Number of Paid EPs | Paid Amount (BDT) |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | (4+8+12)=14 | (5+9+13)=15 |
| 1 | 39/2C | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 40/2 | 387 | 3,70,10,767 | 384 | 3,68,97,026 | 343 | 3,42,50,154 | - | - | 8 | 10,80,150 | - | - | 384 | 3,68,97,026 |
| 3 | 41/1 | 181 | 1,93,78,736 | 180 | 1,93,74,367 | 186 | 2,36,70,613 | - | - | 45 | 57,41,411 | - | - | 180 | 1,93,74,367 |
| 4 | 43/2C | 296 | 3,12,41,086 | 296 | 3,12,41,086 | 142 | 1,77,96,665 | 142 | 1,77,96,665 | 22 | 48,93,916 | 19 | 44,22,531 | 457 | 5,34,60,282 |
| 5 | 47/2 | 157 | 1,50,50,308 | 157 | 1,50,50,308 | 3 | 537,191 | 3 | 537,191 | - | - | - | - | 160 | 1,55,87,499 |
| 6 | 48 | 673 | 7,31,65,637 | 673 | 7,31,65,637 | 127 | 1,62,19,069 | 126 | 1,60,54,366 | 202 | 1,69,20,100 | 201 | 1,68,21,850 | 1000 | 10,60,41,853 |
| Total = | | 1,694 | 17,58,46,534 | 1,690 | 17,57,28,284 | 801 | 9,24,73,692 | 271 | 3,43,88,222 | 277 | 2,86,35,577 | 220 | 2,12,44,381 | 2181 | 23,13,61,027 |

3.1.16 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 of Braguna and Patuakhali Districts. As of August 2019, DC office Barguna and Patuakhali has paid a total BDT **597.10 lac** against **1367 nos.** of awardees among Titled EPs (793 nos. of Polder-40/2, 548 nos. of Polder-41/1& 26 nos. of Polder-48). **26 nos.** of EPs have been paid under the CUL **in August 2019**. As the continuous process, the social team is keeping contact and liaison with the concern DC Office for expediting the CUL payment regularly.

Table 3-17: Polder- wise payment made by DCs Khulna & Bagerhat till August 2019.

| Sl. No | Polder No. | District | L.A Case No. | No of total awardees | No of awardees applied to DC | Total estimated amount in BDT Lac | Payment status | | Progress (%) |
|---------------------------|------------|-------------------------|--------------------------------|----------------------|------------------------------|-----------------------------------|----------------|------------------------|--------------|
| | | | | | | | No of awardees | Amount paid in BDT lac | |
| 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 1 | 39/2C | Pirojpur and Jhalokathi | - | - | - | - | - | - | - |
| 2 | 40/2 | Barguna | 07,08,09 & 12/2016-17 | 793 | 231 | 879.92 | 182 | 325.56 | 40 |
| 3 | 41/1 | Barguna | 14,15,16,17,19,20 & 21/2016-17 | 548 | 219 | 444.52 | 105 | 208.98 | 47 |
| 4 | 43/2C | Patuakhali | - | - | - | - | - | - | - |
| 5 | 47/2 | Patuakhali | 22/2016-17 | - | - | - | - | - | - |
| 6 | 48 | Patuakhali | 21/2016-17 | 26 | 12 | 341.54 | 04 | 62.56 | 18 |
| Total of Package-2 | | | | 1367 | 462 | 1665.98 | 291 | 597.10 | 36 |

3.1.17 Relocation Status of Package-2 after compensation payment of First Indent

Following the payment of compensation against the 1st and 3rd indents the affected people started relocating their structures by their own choice. It was disseminated to the people that if the affected people show their willingness for group relocation, the project will provide some support through civic amenities like construct entrance way, sanitary latrines and tube well etc. BWDB concern and DDCS&PMS Consultants have been encouraging the AP for group relocation so that there will be little chance to come back on the embankment. But in most cases, the affected people have been showing different opinions for individual relocation instead of group relocation. **The progress has shown that a total 1944 have relocated till August 2019.** Cluster relocation made by 133 EPs comprises in the 5 different places (3 in Pochim Kuakata and 2 in Khajura) in polder-48 and 4 different places of polder 41/1. The status of relocation has given below in Table 3-18 after the first indent payment made:

- 44.19% EPs have relocated on their own land;
- 6.89% on newly purchased land;
- 9.57% EPs have relocated to relative's or others' land;
- 18.36% have relocated temporarily at nearby area;
- 14.15% of the paid EPs are yet to be relocated from the ROW.
- 6.84% have made group relocation
- No market relocation made so far.

Table 3-18: 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 | 209 | 80 | 169 | 98 | 303 | 859 | 44.19 |
| Relocated on purchased land | 11 | 25 | 5 | 5 | 88 | 134 | 6.89 |
| Relocated on relative & other's land | 60 | 27 | 67 | 3 | 29 | 186 | 9.57 |
| Relocated Temporarily at nearby area (Govt. Land) | 69 | 41 | 50 | 49 | 148 | 357 | 18.36 |
| Total Relocated-A | 349 | 173 | 291 | 155 | 568 | 1536 | 79.01 |
| Not yet relocated | 30 | 3 | 129 | 5 | 108 | 275 | 14.15 |
| Market Relocation | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Group Relocation | 5 | 4 | 0 | 0 | 124 | 133 | 6.84 |
| Total Relocation-B | 35 | 7 | 129 | 5 | 232 | 408 | 20.99 |
| Total Relocation target (A+B) = | 384 | 180 | 420 | 160 | 800 | 1944 | 100 |

Photos of Group relocation are presented below:



Figure 3-22: Two different Group relocation sites of Pochim Kuakata of Polder 48



Figure 3-23: Khajura village Group relocation of Polder-48

Figure 3-24: Another group of relocation of Pochim Kuakata of Polder 48



HH ID 226 Resident Structure before Relocation in Polder-41/1



HH ID 226 Resident Structure after Relocation in Polder-41/1



HH ID 758 Resident Structure before Relocation in Polder-41/1



HH ID 758 Resident Structure After Relocation in Polder-41/1



HH's No 415 Resident Structure Before Relocation Polder 41/1



HH's No 415 Resident Structure After Relocation Polder 41/1

Figure 3-29: HH 415 Before relocation in Polder-41/1

Figure 3-30: HH 415 After relocation in Polder-41/1

3.1.18 Status of Physical and Commercial Displacement/Relocation (Non-titled)

The status of Physical displacement and Economical displacement (Relocation) of Package-2 for four Polders are given as follows:

Table 3-19: Physical displacement and Economical displacement (non-titled) of Package-2

| Sl.No | Polder No. | Physical Displacement | Economical/Commercial Displacement | Total Displacement |
|---------------|------------|-----------------------|------------------------------------|--------------------|
| 1 | 40/2 | 335 | 49 | 384 |
| 2 | 41/1 | 147 | 33 | 180 |
| 3 | 43/2C | 262 | 158 | 420 |
| 4 | 47/2 | 96 | 64 | 160 |
| 5 | 48 | 631 | 169 | 800 |
| Total= | | 1471 | 473 | 1944 |

3.1.19 Relocation Status of Physical Displaced household in Package-2

It is evident from the majority of the displaced people (43.37%) relocated to self-managed land. It is very important that 8.70% people have been settled in purchased land and hope the group will be sustained. Only 12.30% people yet to manage any place/land for making shelter/house.

Table 3-20: Relocation Status of Residence (Physical Displacement) in Package-2

| Status of relocation | Number of squatters relocated by Polders | | | | | | Total Physical Displacement | % |
|---|--|-------------|--------------|-------------|------------|-------------|-----------------------------|---|
| | Polder 40/2 | Polder 41/1 | Polder 43/2C | Polder 47/2 | Polder 48 | | | |
| Relocated on own land | 181 | 64 | 103 | 57 | 233 | 638 | 43.37 | |
| Relocated on purchased land | 11 | 23 | 5 | 3 | 86 | 128 | 8.70 | |
| Relocated on relative & other's land | 50 | 24 | 52 | 3 | 20 | 149 | 10.13 | |
| Relocated Temporarily at nearby area (Govt. Land) | 62 | 28 | 28 | 28 | 100 | 246 | 16.72 | |
| Not yet relocated | 26 | 4 | 74 | 5 | 72 | 181 | 12.30 | |
| Group Relocation | 5 | 4 | 0 | 0 | 120 | 129 | 8.77 | |
| Total = | 335 | 147 | 262 | 96 | 631 | 1471 | 100.00 | |

3.1.20 Relocation Status of Economical / Commercial Displacement in Package-2

The relocation status of Economical/Commercial displacement of 5 Polders under Package-2 is shown below:

Table 3-21: Status Relocation Status of Economical/Commercial Displacement (non-titled)

| Status of relocation | Number of squatters relocated by Polders | | | | | | Total | % |
|---|--|-------------|--------------|-------------|------------|------------|------------|---|
| | Polder 40/2 | Polder 41/1 | Polder 43/2C | Polder 47/2 | Polder 48 | | | |
| Relocated on own land | 27 | 15 | 66 | 38 | 70 | 216 | 45.66 | |
| Relocated on purchased land | 0 | 2 | 0 | 2 | 2 | 6 | 1.27 | |
| Relocated on relative & other's land | 10 | 3 | 15 | 0 | 5 | 33 | 6.97 | |
| Relocated Temporarily at nearby area (Govt. Land) | 7 | 13 | 22 | 21 | 34 | 97 | 20.51 | |
| Not yet relocated | 5 | 0 | 55 | 3 | 54 | 117 | 24.74 | |
| Group Relocation | 0 | 0 | 0 | 0 | 4 | 4 | 0.85 | |
| Total = | 49 | 33 | 158 | 64 | 169 | 473 | 100 | |

3.1.21 Grievance Redress Mechanism (GRM)

A total **21** Grievance Redress Committees (GRC) have been formed (1 for each Union) in six Polders under Package-2 with the representatives of BWDB, Union Parishad, Educational Institution, PAPs, Women representatives and LAP/RAP team. The organogram of GRC is given as follows Table 3-22:

Table 3-22: Organogram of GRC

| | |
|---|------------------|
| Concern Executive Engineer, BWDB, | Convenor |
| UP Representative | Member |
| Representative of Educational Institution | Member |
| Representative of Women Local Group | Member |
| Representative of PAP Group | Member |
| Representative of IA/LAP-RAP Team | Member Secretary |

A total number of 45 complaints/grievances have been received so far up to August 2019 by GRC. 25 of them have been resolved at the entry and remaining 20 cases are pending for investigation and formal hearing by GRC. Table 3-23 shows the status of complaints/cases received & resolved by GRC.

Table 3-23: 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 | Barguna | 40/2 | 12 | 0 | 0 | 0 |
| 2 | Barguna | 41/1 | 16 | 8 | 0 | 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 | 25 | 0 | 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.

3.1.22 Focus Group Discussion for Package-2

Focus Groups (FG) formation was targeted based on the number of HHs in the respective Polders. According to the plan **227 numbers of focus group** were formed in 6 Polders under Package-2. A total of **1,019 focus group meetings** have been held with resolution. Some of the groups have been met twice or more. The table here below shows the status of formation and number of discussions or meetings held.

Table 3-24: Status on FGDs as of August 2019

| Polder No. | FGD Target | FGD Formation | FGD Meeting | During August 2019 | Total Achievement |
|----------------|------------|---------------|-------------|--------------------|-------------------|
| 1 | 2 | 3 | 4 | 5 | 4+5=6 |
| 39/2C | 32 | 32 | 74 | 0 | 74 |
| 40/2 | 57 | 57 | 222 | 2 | 224 |
| 41/1 | 38 | 38 | 183 | 5 | 188 |
| 43/2C | 31 | 31 | 190 | 9 | 199 |
| 47/2 | 09 | 09 | 69 | 5 | 74 |
| 48 | 60 | 60 | 256 | 4 | 260 |
| Total = | 227 | 227 | 994 | 25 | 1019 |

3.1.23 Distribution of Information Brochure and GRM Leaflet of Package-2

Information booklet in Bangla is a useful tool to disseminate information among the PAPs to their convenience. All necessary information about land acquisition, necessary documents relevant to land ownership, compensation package, resettlement policy, entitlements and eligibility of entitlements, grievance redress mechanism, etc. have been explained in the information booklet. Distribution of GRM leaflets has since been started among all EPs and the concerned stakeholders.

3.1.24 Database Preparation of Package-2

Computerized datasheet on household information and on the number of structures by category has been sent to Package-2 Polders for further checking and verification before generation of tables for updating of the RAP. Database is being updated based on the field level verification. PAVC will recommend unit rates of affected structures based on the recommended rates on individual entitlement of each squatter which will be inserted in database.

3.1.25 Formation of PAVC & GRC Committee Package-2

A Social Management and Resettlement Policy Framework (SMRPF) for the project and a Resettlement Action Plan (RAP) for Package-2 has been adopted. In this regard, a Property Assessment & Valuation Committee (PAVC) and Grievance Redress Committee (GRC) have been formed for the Polder-39/2C (Pirojpur+Jhalokati), 40/2 (Borguna), 41/1 (Borguna), 43/2C (Patuakhali), 47/2 (Patuakhali) and 48 (Patuakhali).

PAVC rate for polder 40/2, 41/1, 43/2C, 47/2 & 48 have been approved by the PD. But rates yet to be fixed for 39/2C and PAVC meeting for Polder- 39/2C will be held soon. The Table 3-25 below stated the current progress of PAVC activities of Package-2.

Table 3-25: Status of up to date progress of PAVC activities of Package-2

| Polder No. | Formation of PAVC Committee by PD (Date) | PAVC meeting date for fixation of rate | Number of Meeting | Status of Rate Fixation | Approval by BWDB |
|------------|---|--|-------------------|-------------------------|------------------|
| 39/2C | 5/10/17, 5/10/17 (Pirojpur & Jhalokathi) | 0 | 0 | 0 | 0 |
| 40/2 | 27/3/17 | 29/11/17, 24/01/18,26/04/18 | 3 | Rate fixed | Approved |
| 41/1 | 27/3/17 | 29/11/17, 24/01/18,26/24/18 | 3 | Rate fixed | Approved |
| 43/2C | 11/6/17 | 18/02/18,7/5/18 | 2 | Rate fixed | Approved |
| 47/2 | 17/5/17 | 20/9/17, 3/12/17 | 2 | Rate fixed | Approved |
| 48 | 17/5/17 | 20/9/17, 3/12/17 | 2 | Rate fixed | Approved |

3.1.26 Video Filming of Affected Properties for GRC and PRAC

Video filming of the affected properties within Right of Way (RoW) along the alignment of the Polders-39/2C, 40/2, 41/1, 43/2C, 47/2 and 48 of Package-2 has already been completed. The video filming was captured just on completion of the IoL survey and latest field update. Dates of capturing video filming are visible in the DVD that will help the GRC to make decision if there is requirement/necessity of further investigation during GRC, PRAC and PAVC process. These will be visualized by the PAVC and GRC to review the lost property as well as to prevent fraudulent claims in future by the affected peoples.

3.1.27 Devised ID number of the Non-Titled EPs

A Polder-wise ID numbering formula for all non-titled affected persons has been devised by Computerized Management Information System (CMIS). The procedure is that all affected persons (APs) would be photographed with given ID number and the photo would be pasted on their ID cards. ID number for 4,916 entities (squatters, tenants, wage labours etc.) have been devised.

3.1.28 Preparation of EIA

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 said EIA reports are being under implementation in Package-1.

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

3.2.1 Data processing & 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 | : 03 December, 2015, |
| Notice of award | : 15 December, 2016, |
| Signing of Contract | : 8 March, 2017, |
| Commencement of Work | : 12 August, 2017, |
| Original Target for completion | : 11 January, 2021 |
| Contract Value | : BDT: 10,899,564,634.65 |

3.2.3 Design status of Package-2

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

3.2.4 EHS Monthly Meeting

A Monthly EHS meeting was organised in Nadmula automated CC plant site of Polder 39/2C of Package-2 on 20.08.2019. The meeting was chaired by Mr. Sayeed Ahmed, Executive Engineer, BWDB O&M Division, Pirojpur & Convener of the EHS committee. The minutes of the meeting have also been circulated to all concern.

Various EHS issues have been discussed related to findings of previous observation in the automated CC block manufacturing plants of Polder 39/2C in order to improve them by the Contractor. The Major EHS issues discussed in the meeting are as follows:

- Establishing rotational/ shifting duty for susceptible workers of automated CC block manufacturing plants, which have some weakness at present.
- Translation of C-ESMP and EHS Risk Assessment reports in Bangla and Chinese languages for better understanding of all workers in the project.

- Paved all required areas (remaining only small portion) in the automated CC block manufacturing plant areas of [Nadmulla](#) and Charkhali site.
- Establishing barriers around the hoppers of CC block manufacturing plants for workers' safety.
- Improvement of toilet facilities in Nadmula and Charkhali automated CC block manufacturing plants for improved hygienic conditions, construction of toilet in a safe height considering the highest flood level.
- Confirmed the frequent uses of PPE.
- Conduct of regular (daily) tool box talk before start of the work to aware and motivate the workers on EHS issues.

The issues were discussed with the Contractor's representatives present in the meeting and they assured to improve the EHS compliance qualities as per discussion within an agreed time frame.

3.2.5 Information on some environmental issues (Package-1)

The Contractor, Package-1 has submitted environmental information and noise monitoring report for the month of August, 2019 as provided as follows:

The Contractor, Package-1 has submitted the following environment related information for the month of August, 2019. It may be mentioned that works in various locations are in slow progress due to the prevailing rainy season and thus the number of workers is quite less.

Table 3-26: Information for the month of August, 2019

| 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 workers | Expatriate workers | No. of trainings | No. of trainees | | | | |
| Polder 32 | 65 | 05 | 03 | 70 | 00 | 00 | 00 | |
| Polder 33 | 69 | 07 | 04 | 76 | 00 | 00 | 00 | |
| Polder 35/1 | 63 | 07 | 04 | 70 | 00 | 00 | 00 | |
| Polder 35/3 | 112 | 11 | 03 | 123 | 00 | 00 | 00 | |
| Khulna | 14 | 06 | 01 | 20 | 00 | 00 | 00 | |
| Total of Package-1 | 323 | 36 | 15 | 359 | 00 | 00 | 00 | |

3.2.6 Noise Monitoring (Package-1)

The production of CC block is closed in both the Tafalbari automated CC block manufacturing plant (Polder 35/1) and the Doratana automated CC block manufacturing plant (35/3). However, the contractor has evaluated the intensity of Noise Quality (dB) of other activities upon the sensitive receivers' locations (curing area, stacking area, camp site, rod cleaning area, drilling area etc.) around the different CC Block Manufacturing Plant on routine basis as given below:

Table 3-27: Tafalbari Automatic CC Block Manufacturing Plant

| | | |
|---|---|------------------|
| Monitoring Location | Polder 35/1, Tafalbari CC Block Manufacturing Plant Coordinates: N 22°16'21.03" E 89°50'20.47" | |
| Monitoring Date & Time | 08.08.2019 (Day time) | |
| Noise Meter Model | Digital Sound Level Meter AR824 | |
| Noise source(s) during monitoring | Fork Lift, Motor Vehicles. [Tafalbari Automatic CC Block Manufacturing Plant is off this month] | |
| Location category | Mixed area | |
| Measurement Result(s), dB | | |
| | Curing area (Start point) | 42.7, 50.4, 55.0 |
| | Curing area (End point) | 45.8, 47.5, 48.3 |
| | Stacking area | 45.7, 37.8, 42.4 |
| | House no. 01 | 35.5, 37.4, 48.0 |
| | Rod cleaning area | 37.4, 36.5, 38.8 |
| | Drilling area | 38.5, 41.4, 36.8 |
| Daytime Standard of sound, dB (ECR 1997) | 50(residential area); 60(mixed area); 70(commercial area); 75(industrial area) | |
| Daytime Standard of sound, dB (WHO, 1999) | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) | |

Table 3-28: Daratana Automatic CC Block Manufacturing Plant

| | | |
|---|--|------------------|
| Monitoring Location | Polder 35/3, Daratana CC Block Manufacturing Plant Coordinates: N 22°38'36.21" E 89°48'10.66" | |
| Monitoring Date & Time | 18.08.2019 (Day time) | |
| Noise Meter Model | Digital Sound Level Meter AR824 | |
| Noise source(s) during monitoring | Fork Lift, Motor Vehicles. [Daratana Automatic CC Block Manufacturing Plant is off this month] | |
| Location category | Mixed area | |
| Measurement Result(s), dB | | |
| | Curing area (Start point) | 44.6, 37.3, 49.7 |
| | Curing area (End point) | 42.8, 47.2, 41.0 |
| | Stacking area | 34.2, 38.5, 36.5 |
| | House no. 01 | 33.7, 41.5, 33.8 |
| | Rod cleaning area | 35.7, 46.7, 35.7 |
| | Drilling area | 34.8, 41.5, 34.8 |
| Daytime Standard of sound, dB (ECR 1997) | 50(residential area); 60(mixed area); 70(commercial area); 75(industrial area) | |
| Daytime Standard of sound, dB (WHO, 1999) | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) | |

It needs to be mentioned that other automatic CC plants (like plants at polders 32 and 33) were not operative during the month of August. 2019.

3.2.7 Environmental Information (Package-2)

The Contractor, Package-2 has also submitted the following environment related information for the month of August, 2019. It may be mentioned that works in various locations are in slow progress, except Polder 39/2C (where CC manufacturing & dumping are running in full swing) due to the prevailing rainy season and thus the number of workers is quite less.

Table 3-29: Various environment related information/data

| 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 | 352 | 29 | 72 | 2 | 0 | 0 | Two finger cut, both were sent to clinic for treatment and got cured |
| Polder 40/2 | 70 | 17 | 10 | 1 | 0 | 0 | One slight finger injury who was sent to local clinic for treatment and got cured |
| Polder 41/1 | 132 | 16 | 17 | 0 | 0 | 0 | |
| Polder 43/2C | 27 | 4 | 6 | 0 | 0 | 0 | |
| Polder 47/2 | 27 | 14 | 12 | 0 | 0 | 0 | |
| Polder 48 | 78 | 11 | 24 | 1 | 0 | 0 | 1 slight leg injury treated with first aid medicines at site. |

3.2.8 Noise Record (Package-2)

The Contractor, Package-2 has submitted the noise level of work sites including the automated CC block manufacturing plant in Polder 39/2C as measured during the month of August, 2019 as provided below:

Table 3-30: Noise level in Polder 39/2C (Nadmula site)

| Polder 39/2C Noise Record (dB) | |
|---------------------------------------|---|
| Monitoring Location: | Polder 39/2C - Camp Area, CC Block, Manufacturing plant & River Side |
| Monitoring Date | 15-Aug-2019 |
| Noise Meter Model | Digital sound level meter AS804 |
| Major noise sources during monitoring | CC block manufacturing plant, Generator. |
| Location category | Mixed area |
| Measurement results, dB | Operator of Automatic CC Block Machine (Down) Yard-1 (x-486822.98, y-501222.532) 72.6 – 76.6 – 74.6 Yard-3 (x-479145.64, y-497806.564) 73.5 – 77.3 – 75.4 |
| | Operator of Automatic CC Block Machine (Up) Yard-1 (x-486822.98, y-501222.532) 75.8 – 78.6 – 77.2 Yard-2 (x-486645.32, y-500866.968) 74.7 – 76.5 – 75.6 |
| | Area for Tray Replacement x-486835.47, y-50222.124 68.2 – 70.3 – 69.25 |
| | |

| | |
|---|--|
| Generator Room (Outside) Yard-1 (X:486814.56 Y:501221.421) Yard-2 (X:486659.23 Y:500870.52) | 80.9 – 83.6 – 82.25 81.4 – 82.4 – 81.9 |
| Generator Room (Inside) Yard-1 (X: 486814.69 Y:501221.431) Yard-2 (X: 486654.22 Y:500870.548) | 86.7 – 88.3 – 87.5 85.6 – 88.4 – 87.5 |
| CC Block Stack Area (80 M from Machine) x-486734.18, y-501289.32 | 68.4 – 67.6 – 68.0 |
| Workshop Area x-486732.741, y-502101.72 | 70.2 – 72.3 – 71.25 |
| Camp Area x-486715.108, y-502101.107 | 60.3 – 59.2 – 59.75 |
| Community (East) x-486513.74, y-502104.15 | 70.4 – 71.2 – 70.8 |
| Community (West) x-486789.23, y-502103.163 | 56.3 – 55.4 – 55.85 |
| River Side x-486899.756, y-501973.934 | 57.3 – 55.3 – 56.3 |
| Daytime standard of sound, dB (ECR 1997) | 50(residential area);60(mixed area);70(commercial area);75(industrial area) |
| Daytime Standard of sound, dB (WHO, 1999) | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) |

Table 3-31: Noise level in Polder 40/2

| | |
|---|--|
| Noise Record | |
| Monitoring Location | Polder 40/2 |
| Monitoring Date | 31.08.2019(Day time) |
| Noise Meter Model | Digital sound level meter AS804 |
| Major noise sources during monitoring | Generator |
| Location category | Mixed area |
| Measurement results, dB | CC block casting area (E497100.876 N434366.099 2.90) |
| | curing area (start point) (E497106.635 N434368.626 2.78) |
| | curing area (end point) (E497090.418 N434360.046 2.31) |
| | stacking area (E497126.491 N434341.003 2.88) |
| | Generator house (E497000.16 N434328.054 3.05) |
| | Kitchen (E497101.516 N434323.099 2.64) |
| | Camp room No.1(E497100.876 N434366.099 2.66) |
| | Camp room No.2(E497121.312 N434331.878 2.65) |
| | Worker rest house (E497090.418 N434360.046 2.31) |
| Daytime standard of sound, dB (ECR 1997) | 50 (residential area);60(mixed area);70 (commercial area);75(industrial area) |
| Daytime Standard of sound, dB (WHO, 1999) | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) |

Table 3-32: Noise level in Polder 41/1

| Polder 41/1 Noise Record | | |
|---|--|--------------|
| Month: | August | |
| Monitoring Location | Polder- 41/1 Coordinates: N447305.458 E521446.412 | |
| Monitoring Date | 21.08.2019(Day time) | |
| Noise Meter Model | Digital sound level meter AS804 | |
| Major noise sources during monitoring | CC block pre-casting yard, Generator | |
| Location category | Mixed area | |
| Measurement results, dB | Generator room N447291.788 E521447.84 | 86,83.5,80 |
| | curing area (start point) N447318.086 E521433.608 | 70,65.8,60 |
| | curing area (end point) N447305.458 E521446.412 | 66,64,58 |
| | stacking area N447365.951 E521434.048 | 60.5,56,52.6 |
| | Kitchen N447392.819 E52141.700 | 48,46,46 |
| | House No.1 N447368.946 E521409.219 | 49,48,44 |
| | House No.2 N447389.027 E521416.627 | 45,42,40 |
| Daytime standard of sound, dB (ECR 1997) | 50(residential area);60(mixed area);70(commercial area);75(industrial area) | |
| Daytime Standard of sound, dB (WHO, 1999) | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) | |

Table 3-33: Noise level in Polder 43/2C

| Polder 43/2C Noise Record | | |
|--|--|----------|
| Month: August | | |
| Monitoring Location | Polder 43/2C, construction camp Coordinates: N454928.496 E540920.040 | |
| Monitoring Date | 28.08.2019(Day time) | |
| Noise Meter Model | Digital sound level meter AS804 | |
| Major noise sources during monitoring | labor working | |
| Location category | Mixed area | |
| Measurement results, dB | camp area N454928.496 E540920.040 | 42,41,44 |
| Daytime standard of sound, dB (ECR 1997) | 50(residential area);60(mixed area);70(commercial area);75(industrial area) | |
| Monitoring Location | Polder 43/2C, DS/7 construction site Coordinates: N454740.798 E540181.012 | |
| Monitoring Date | 28.08.2019(Day time) | |
| Noise Meter Model | Digital sound level meter AS804 | |

| | | |
|---|--|--|
| Major noise sources during monitoring | | DS/7, Generator |
| Location category | | Industrial area |
| Measurement results, dB | DS/7 country side N454704.912 E540183.263 | 45,42,43 |
| | CC Block manufacture area N454697.459 E540162.154 | 60,61,59 |
| | Mixer machine N454713.664 E540146.060 | 64,65,63 |
| | generator N454743.693 E540161.018 | 81,78,79 |
| | DS/7 box area N454740.798 E540181.012 | 45,47,47 |
| Daytime standard of sound, dB (ECR 1997) | | 50(residential area);60(mixed area);70(commercial area);75(industrial area) |
| Daytime Standard of sound, dB (WHO, 1999) | | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) |

Table 3-34: Noise level in Polder 47/2

| | | |
|---|--|--|
| Polder 47/2 Noise Record | | |
| Month: August, 2019 | | |
| Monitoring Location | | Polder 47/2 Coordinates: N423238.5061 E518603.9325 |
| Monitoring Date | | 20.8.2019 (Day time) |
| Noise Meter Model | | Digital sound level meter AS804 |
| Major noise sources during monitoring | | Generator |
| Location category | | Mixed area |
| Measurement results, dB | CC mixer machine N423140.8130 E518585.0610 | 52.7, 53.2, 60.7 |
| | curing area (start point) N423082.1580 E518565.5899 | 50.3, 54.1, 50.8 |
| | curing area (end point) N423188.9492 E518591.5960 | 47.9, 54.2, 60.1 |
| | stacking area N423116.8499 E518559.1663 | 57.2, 62.3, 64.5 |
| | Kitchen N423202.3607 E518670.3063 | 55.4, 47.9, 49.2 |
| | House No.1 N423214.5893 E518670.7678 | 49.3, 51.4, 52.4 |
| Daytime standard of sound, dB (ECR 1997) | | 50(residential area);60 (mixed area);70 (commercial area);75 (industrial area) |
| Daytime Standard of sound, dB (WHO, 1999) | | 55 (residential); 55 (institutional); 55 (educational); 70(commercial area); 75(industrial area) |

Table 3-35: Noise level in Polder 48

| | | |
|---|--|--|
| Monitoring Location | | Polder 48, CC block yard Coordinates: N416325.431 E512365.154 |
| Monitoring Date | | 2019. Aug. 27 |
| Noise Meter Model | | Digital sound level meter AS804 |
| Major noise sources during monitoring | | Generator |
| Location category | | Mixed area |
| Measurement results, dB | CC Mixer machine N416380.152 E512338.650 | 61, 58, 62 |
| | curing area (start point) N416365.201 E512314.320 | 53, 54, 54 |
| | curing area (end point) N416412.693 E512374.993 | 48, 50, 51 |
| | stacking area N416410.630 E512390.085 | 46, 47, 45 |
| | Kitchen N416375.098 E512307.765 | 50, 51, 53 |
| | House No.1 N416359.302 E512310.137 | 47, 48, 49 |
| | House No.2 N416365.201 E512327.038 | 46, 50, 47 |
| 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) |

3.2.9 Meetings held during the month of August, 2019

A meeting was organised in the office of the PMU, CEIP-1 on 2.8.2019 for editing and final preparation of the Bi-annual Environmental Monitoring report for the period January-June, 2019, where Environmental Specialist team of PMU DDSCS&PMSC and third party M&E team were present.

A meeting was also organised in the office of DDSCS&PMS consultants on 8.8.2019 for preparation of responses of the World Bank Comments on EIA reports of Package-3 Polders. The Environmental Specialists of DDSCS&PMSC and CEGIS were involved in this connection.

3.2.10 Submission of EIA Reports of Package-3

The EIA reports of 7 Polders of Package-3 (for polders 14/1, 15, 16, 17/1, 17/2, 23 and 34/3) have been submitted to PMU and onward to the World Bank that included the responses of the comments made by the World Bank.

3.2.11 Progress of Mechanical Work

About mechanical aspects the following activities were conducted:

Package-1

The installation of gates and hoists in 19 sluices have been completed and the remaining 19 nos. 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.

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 and probable time for shipment of first lot is last week of March, 2019. It was decided to inspect and test the fabricated gates and hoist in China by one representative from PMU and one from consultant's office. Two representatives from PMU and one from Consultant's office went to China in August 2019 for pre-inspection of fabricated gates and hoist. The Contractor will be instructed to take necessary action to ship the gates and hoist from China to site after receiving the report from the Pre-inspection Team.

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

3.3.1 Design

The Design Parameters 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 5 Drainage Sluices of different vents have been approved by the Design Circle-5 by this time and the design of more 41 Drainage Sluices of different vents have been completed and submitted to the Design Circle-5 for approval. The remaining designs are under preparation.

Table 3-36: Status of Design for Package-3

| Sl No. | Polder | Embankment (Km) | | | Drainage Channel (Km) | | | Drainage Sluice (No.) | | | Flushing Sluice (No.) | | |
|----------------|--------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
| | | Target | Achievement | | Target | Achievement | | Target | Achievement | | Target | Achievement | |
| | | | Design Prepared | Design Approved | | Design Prepared | Design Approved | | Design Prepared | Design Approved | | Design Prepared | Design Approved |
| 1 | 14/1 | 31.25 | 31.25 | 31.25 | 13.23 | 13.23 | 0 | 4 | 3 | 0 | 1 | 1 | 0 |
| 2 | 15 | 30.78 | 30.78 | 30.78 | 15.44 | 15.44 | 0 | 4 | 3 | 0 | 0 | 0 | 0 |
| 3 | 16 | 44.75 | 44.75 | 44.75 | 47.90 | 47.90 | 0 | 17 | 12 | 1 | 0 | 0 | 0 |
| 4 | 17/1 | 38.50 | 38.50 | 38.50 | 35.80 | 35.80 | 0 | 12 | 8 | 1 | 0 | 0 | 0 |
| 5 | 17/2 | 11.00 | 11.00 | 11.00 | 12.40 | 12.40 | 0 | 5 | 2 | 2 | 0 | 0 | 0 |
| 6 | 23 | 36.70 | 36.70 | 36.70 | 31.50 | 31.50 | 0 | 12 | 11 | 0 | 12 | 12 | 0 |
| 7 | 34/3 | 17.00 | 17.00 | 17.00 | 11.10 | 11.10 | 0 | 3 | 2 | 1 | 6 | 6 | 0 |
| Total = | | 209.98 | 209.98 | 209.98 | 167.37 | 167.37 | 0 | 57 | 41 | 5 | 19 | 19 | 0 |

| Sl No. | Polder | River Bank Protection Works (Km) | | | Embankment Slope Protection Works (Km) | | | Gatest & Hoists | | | | | |
|----------------|--------|----------------------------------|-----------------|-----------------|--|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
| | | Target | Achievement | | Target | Achievement | | Drainage Sluice (No.) | | | Flushing Sluice (No.) | | |
| | | | Design Prepared | Design Approved | | Design Prepared | Design Approved | Target | Achievement | | Target | Achievement | |
| | | | Design Prepared | Design Approved | | Design Prepared | Design Approved | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved |
| 1 | 14/1 | 4.78 | 5 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 2 | 15 | 0.00 | 0 | 0 | 1.60 | 1.60 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 3 | 16 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 4 | 17/1 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 5 | 17/2 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6 | 23 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 7 | 34/3 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| Total = | | 4.78 | 4.78 | 0.00 | 1.60 | 1.60 | 0.00 | 7.00 | 7.00 | 0.00 | 5.00 | 0.00 | 0.00 |

3.3.2 Bidding Document

Preparation of the Bidding Documents have been advanced and is expected to be submitted to PMU within September 2019.

3.3.3 RAP Preparation for Package-3

After the accomplishment of the map of alignment fixing by the concern of BWDB and Consultants, the LAP/RAP team has completed the Household (HH) numbering and IoL survey have done in all seven Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3) under Package-3, CEIP-1. A total of 20 community consultation meetings were conducted in 15 different locations in all Polders of Package-3. Resettlement Action Plan (RAP) is already submitted by the LAP/RAP team to the concern authority for onward transmission to the competent authority.

3.3.4 LAP Preparation for Package-3

The LAP/RAP team submitted the LAP of Package-3 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. For this reason, the LAP must be revised and all other assessment has also to be updated. At the present context, the design of embankment has been approved by the Design Circle-5, BWDB considering the crest width 6.00m and the LAP & RAP are being updated according to the revised approved design of embankment. 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. Almost all Mouza Maps of seven Polders have since been procured. The status of preparation of LAP and Re-settlement activities mentioned below have to be updated based on approved revised design of embankment of Package-3.

Table 3-37: Update Status of Package-3

| Polder no | Program for LA (ha) | Progress of LAP preparation | | | | Resettlement Activity | | Preparation of RAP |
|---------------|---------------------|-----------------------------|-------------------------|-------------------------------------|---|-----------------------|----------------------------------|--|
| | | Collection of Khatian | Collection of Mauza map | Submission of LAP as per new Act/17 | Drawing existing alignment map on mouza map | Nos. of HH Surveyed | Stakeholder Consultation Meeting | |
| 14/1 | 27.82 | Done | Done | Submitted | Done | 718 | Done | LAP/RAP team has submitted the RAP-3 which is under review by the DDCS&PMS Consultant and PMU. |
| 15 | 28.90 | Done | Done | Submitted | Done | 1298 | Done | |
| 16 | 14.50 | Done | Done | Submitted | Done | 565 | Done | |
| 17/1 | 2.06 | Done | Done | Submitted | Done | 708 | Done | |
| 17/2 | 2.24 | Done | Done | Submitted | Done | 195 | Done | |
| 23 | 6.49 | Done | Done | Submitted | Done | 1086 | Done | |
| 34/3 | 3.91 | Done | Done | Submitted | Done | 215 | Done | |
| Total= | 85.92 | - | - | - | - | 4,785 | - | |

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

3.4.1 Introduction

The Progress report covers the events up to 31 August 2019. The contract Package-1 was signed on 01-10-2015 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 26 January 2016.

The contractor submitted the administrative work and has affected necessary site visit to establish the dossier for 5% advance Payment and take possession for sites. Contractor has received the full 10 % advance payment and spent to purchase machineries and equipment in China; Chinese engineers and supporting personnel have mobilized and the same is true for the recruitment of local labour; construction of facilities and buildings are mostly completed. Total expenditure incurred up to IPC-21 is BDT 5,296.30 million including adjustment for changes in legislation (VAT & IT) and adjustment for changes in cost. Construction of 35 nos. Drainage Sluices out of 38 nos. has already been completed, 3 nos. drainage sluices are going on. Out of 30 nos. Flashing Sluices 28 nos. have been completed, 1 nos. are in progress 1 no. yet to be started. Embankment works of different Polders are (completed 146.163 km and partially completed 22.387 km) also going on. Construction of C.C blocks are going on for the bank/slope protection work.

3.4.2 Staffing

In Table 3-38 below man power deployment for Contract Package-1 is listed and sample check has been done by the Consultants.

Table 3-38: 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 | 0 | 0 | 1 | 0 |
| 2 | Technical Staff | 18 | 48 | 4 | 6 | 3 | 8 | 4 | 7 | 3 | 17 | 4 | 10 |
| 3 | Operator/ Driver | 3 | 106 | 0 | 2 | 0 | 32 | 0 | 10 | 2 | 27 | 1 | 35 |
| 4 | Skilled Worker | 5 | 48 | 0 | 1 | 0 | 8 | 0 | 8 | 1 | 8 | 4 | 23 |
| 5 | Common Labor | 1 | 105 | 0 | 4 | 0 | 12 | 1 | 40 | 0 | 9 | 0 | 40 |
| 6 | Logistic | 5 | 16 | 1 | 1 | 1 | 5 | 1 | 4 | 1 | 2 | 1 | 4 |
| Total | | 36 | 323 | 6 | 14 | 5 | 65 | 7 | 69 | 7 | 63 | 11 | 112 |

Source by Contractor

3.4.3 Equipment Mobilization

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

Table 3-39: 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 | 2 | 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 | 2 | 6 | 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 | 4 | 6 | 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 |

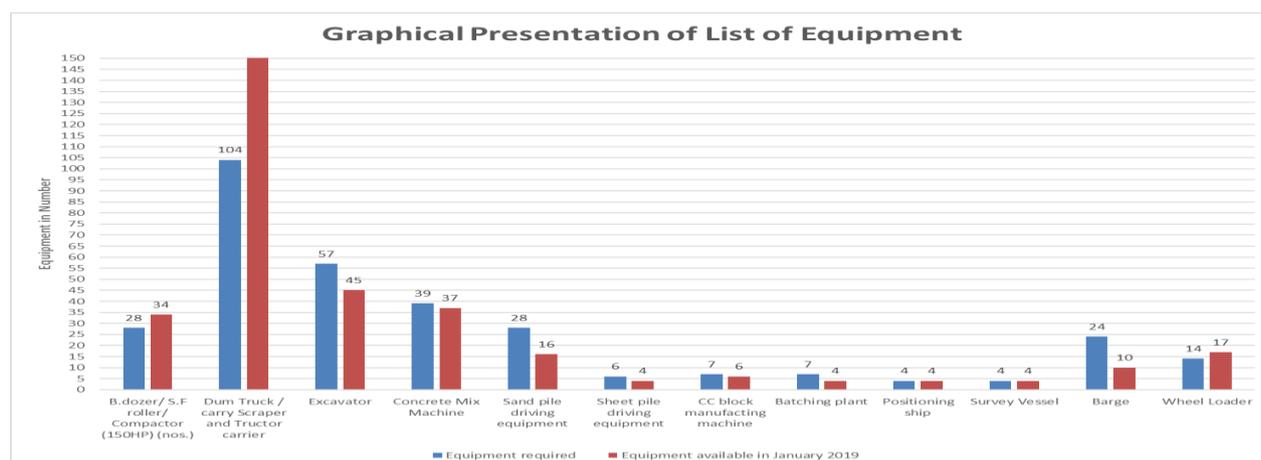


Figure 3-31: Graphical Presentation of List of Equipment Contractor of Package-1

3.4.4 Finances of Contractor Package-1

Contract modifications Variation Order No.2 for using CC blocks instead of hard rock has been agreed upon and materialised. But the approved Variation Order No. 2 & 3 have not yet been received.

Table 3-40: Monthly Forecast of Payment for Package-W/-01 is furnished below

| IPC No. | Month of Submission | Forecast Value of IPC | Remark |
|--------------|---------------------|-------------------------|---|
| IPC-15 | Nov. 2018 | 274,583,612.82 | IPC No. 15 has been submitted to PMU on 6 December 2018 with the value of BDT: 256,330,133.58 with recommendation for payment. |
| IPC-16 | Jan. 2019 | 374,242,132.20 | IPC No. 16 has been submitted to Engineer on 26 February 2019 with the value of BDT: 158,606,842.50. The IPC-16 was reviewed and sent to PMU on 06 March 2019 with recommendation for payment. |
| IPC-17 | Feb. 2019 | 259,251,532.92 | IPC No. 17 has been submitted to Engineer on 24 April 2019 with the value of BDT: 224,334,901.33. The IPC-17 was reviewed and sent to PMU on 12 May 2019 with recommendation for payment. |
| IPC-18 | Mar. 2019 | 255,766,969.30 | IPC No. 18 has been submitted to Engineer on 29 May 2019 with the value of BDT: 335,305,562.66. The IPC-18 was reviewed and sent to PMU on 11 June 2019 with recommendation for payment. |
| IPC-19 | Apr. 2019 | 453,144,934.37 | IPC No. 19 has been submitted to Engineer on 24 June, 2019 with the value of BDT: 734,277,610.11. The IPC-19 was reviewed and Submitted to PMU on 27 June 2019 with recommendation for payment. |
| IPC-20 | May. 2019 | 453,144,934.37 | IPC No. 20 has been submitted to Engineer on 26 June, 2019 with the value of BDT: 373,354,687.49. The IPC-20 was reviewed and submitted to PMU on 30 June 2019 with recommendation for payment. |
| IPC-21 | Jun. 2019 | 585,558,351.72 | IPC No. 21 has been submitted to Engineer on 30 June, 2019 with the value of BDT: 172,613,421.96. The IPC-21 was reviewed and submitted to PMU on 30 June 2019 with recommendation for payment. |
| Total | | 2,655,692,467.71 | |

3.4.6 Physical Progress (Mile Stone Matrix)

Table 3-41: Physical Works of Package-1 as on 31 August 2019

| Item | Unit | Contract Quantity | Tentative Program FY 2019-2020 | | Cumulative upto July, 2019 | | Current Month | | Cumulative upto August, 2019 | |
|---|------|-------------------|--------------------------------|------|------------------------------|---------------------|---------------|---------------------|-------------------------------|---------------------|
| | | | Full | Part | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed |
| Embankment Construction/Re-sectioning | Km | 200.617 | 32.067 | 0 | 146.163 | 22.387 | 0.000 | 22.387 | 146.163 | 22.387 |
| | | | | | 72.86% | 44.18% | 0.00% | 41.11% | 72.86% | 41.11% |
| Drainage Channel Excavation/Re-excavation | Km | 151.210 | 36.44 | 0 | 114.77 | 0.000 | 0.000 | 0 | 114.77 | 0 |
| | | | | | 75.90% | - | 0.00% | - | 75.90% | - |
| Drainage Sluice Construction | No. | 38 | 0 | 0 | 35 | 3 | 0 | 3 | 35 | 3 |
| | | | | | 92.11% | 93.18% | 0.00% | 93.00% | 92.11% | 93.00% |
| Drainage Sluice Repair | No. | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 |
| | | | | | 100.00% | 88.00% | 0.00% | 88.00% | 100.00% | 88.00% |
| Flushing Inlet Construction | No. | 30 | 0 | 0 | 28 | 1 | 0 | 1 | 28 | 1 |
| | | | | | 93.33% | 82.15% | 0.00% | 82.15% | 93.33% | 82.15% |
| Flushing Inlet Repair | No. | 14 | 0 | 0 | 12 | 1 | 0 | 1 | 12 | 1 |
| | | | | | 85.71% | 68.82% | 0.00% | 70.12% | 85.71% | 70.12% |
| Embankment Slope Protection Work | Km | 19.966 | 4.452 | 0 | 15.314 | - | 0.000 | - | 15.314 | - |
| | | | | | 76.70% | | 0.00% | | 76.70% | |
| River Bank Protection Work | Km | 4.45 | 0.40 | 0 | 4.050 | - | 0.000 | - | 4.050 | - |
| | | | | | 91.01% | | 0.00% | | 91.01% | |
| Closure Dam Construction | No. | 1 | 1 | 0 | 75% of the foundation works- | | 0.00% | | 75% of the foundation works - | s |

Table 3-42: Physical Works Polder Wise of Package-1 as on 31 August 2019

| Summary of Construction DS & FS | | | | | | | | | | | |
|---------------------------------|--------------|--------------|----------------|-----------|--------------|----------------------|--------------|----------------|-----------|--------------|---------------------|
| Package # | Polder No | Number of DS | 100% Completed | Ongoing | Yet to Start | Sluice in operation. | Number of FS | 100% Completed | Ongoing | Yet to Start | Sluice in Operation |
| Package-1 | 32 | 8 | 6 | 2 | 0 | 3 | 1 | 0 | 1 | 0 | 0 |
| | 33 | 12 | 11 | 1 | 0 | 0 | 6 | 6 | 0 | 0 | 0 |
| | 35/1 | 14 | 14 | 0 | 0 | 0 | 13 | 12 | 0 | 1 | 0 |
| | 35/3 | 4 | 4 | 0 | 0 | 2 | 10 | 10 | 0 | 0 | 10 |
| | Total | | 38 | 35 | 3 | 0 | 5 | 30 | 28 | 1 | 1 |

| Summary of Repair DS & FS | | | | | | | | | | | |
|---------------------------|--------------|---------------------|----------------|----------|--------------|----------------------|---------------------|----------------|-----------|--------------|---------------------|
| Package # | Polder No | Number of Repair DS | 100% Completed | Ongoing | Yet to Start | Sluice in operation. | Number of Repair FS | 100% Completed | Ongoing | Yet to Start | Sluice in Operation |
| Package-1 | 32 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | 1 | 0 | 0 |
| | 33 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 |
| | 35/1 | 2 | 2 | 0 | 0 | 0 | 3 | 2 | 0 | 1 | 0 |
| | 35/3 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| | Total | | 2 | 2 | 0 | 0 | 0 | 14 | 12 | 1 | 1 |

| Package No | Polder No | Bank Protection Work Summary | | | Slope Protection Work Summary | | | Drainage Channel Excavation Summary | | | |
|------------------|-----------|------------------------------|-----------------------|---------------|-------------------------------|-----------------------|---------------|-------------------------------------|--------------------|-----------------------|---------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | Target Length (Km) | Completed Length (Km) | % Completed | Number of Canals | Target Length (Km) | Completed Length (Km) | % Completed |
| Package 1 | 32 | 2.00 | 2.00 | 100.00% | 3.300 | 2.300 | 69.70% | 6 | 17.50 | 13.45 | 76.86% |
| Package 1 | 33 | 1.40 | 1.30 | 92.86% | 4.016 | 3.716 | 92.53% | 12 | 63.21 | 53.82 | 85.14% |
| Package 1 | 35/1 | 0.90 | 0.60 | 66.67% | 11.750 | 8.598 | 73.17% | 17 | 70.50 | 47.50 | 67.38% |
| Package 1 | 35/3 | 0.15 | 0.15 | 100.00% | 0.900 | 0.700 | 77.78% | 1 | 0.00 | 0.00 | 0.00% |
| Package 1 | | 4.45 | 4.050 | 91.01% | 19.966 | 15.314 | 76.70% | 36 | 151.21 | 114.77 | 75.90% |

| Embankment Construction | | | | | |
|-------------------------|-----------|--------------------|-----------------------|---------------|--------------------|
| Package No | Polder No | Target Length (Km) | Completed Length (Km) | % Completed | Partly Length (Km) |
| Package 1 | 32 | 49.666 | 30.040 | 60.48% | 14.307 |
| Package 1 | 33 | 49.154 | 41.591 | 84.61% | 1.370 |
| Package 1 | 35/1 | 61.972 | 38.802 | 62.61% | 4.565 |
| Package 1 | 35/3 | 39.825 | 35.730 | 89.72% | 2.145 |
| Package 1 | | 200.617 | 146.163 | 72.86% | 22.387 |

Table 3-43: Detailed information of Construction Status of Embankment of Package-1

| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August, 2019 | Remarks |
|--------------------------|--------|------------------------|---------------|------------------------|-------------------|---|------------|---------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|-----------------------------|---|
| Package 1 | | | | | | | | | | | | | | | | | | |
| Polder-32 | | | | | | | | | | | | | | | | | | |
| 1 | 32 | Nalian | 0.483 | 0.000 | 0.483 | Resectioning | N | NA | 23,228 | 15,000 | 0.000 | 0.483 | 10,272 | 0 | 65% | 0% | 59% | Work in Progress |
| 2 | 32 | Nalian | 1.393 | 0.483 | 1.876 | Retired | N | NA | 63,519 | 43,000 | 0.500 | 0.893 | 29,624 | 0 | 68% | 0% | 62% | Work in Progress |
| 3 | 32 | Gunari | 0.624 | 1.876 | 2.500 | Resectioning | N | NA | 29,858 | 15,000 | 0.250 | 0.374 | 13,270 | 0 | 50% | 0% | 46% | Work in Progress |
| 4 | 32 | Gunari | 2.690 | 2.500 | 5.190 | Retired | N | NA | 141,764 | 90,000 | 1.200 | 1.490 | 57,207 | 0 | 63% | 0% | 58% | Work in Progress |
| 5 | 32 | Gunari | 0.480 | 5.190 | 5.670 | Resectioning | N | NA | 14,075 | 14,000 | 0.480 | 0.000 | 10,208 | 9187 | 99% | 90% | 99% | Work in Progress |
| 6 | 32 | Gunari | 0.280 | 5.670 | 5.950 | Retired | N | NA | 15,209 | 15,200 | 0.280 | 0.000 | 5,955 | 5500 | 100% | 92% | 99% | Work in Progress |
| 7 | 32 | kalabogi | 1.300 | 5.950 | 7.250 | Resectioning | N | NA | 47,121 | 47,120 | 1.300 | 0.000 | 27,647 | 25000 | 100% | 90% | 99% | Work in Progress |
| 8 | 32 | kalabogi | 1.800 | 7.250 | 9.050 | Retired | N | NA | 84,911 | 84,900 | 1.800 | 0.000 | 38,280 | 38000 | 100% | 99% | 100% | Work in Progress |
| 9 | 32 | Vita Bhanga | 1.167 | 9.050 | 10.217 | Resectioning | N | NA | 27,523 | 20,000 | 1.000 | 0.167 | 24,818 | 20000 | 73% | 81% | 73% | Work in Progress |
| 10 | 32 | Vita Bhanga | 0.333 | 10.217 | 10.550 | Retired | N | NA | 12,255 | 12,250 | 0.333 | 0.000 | 7,082 | 7000 | 100% | 99% | 100% | Work in Progress |
| 11 | 32 | Vita Bhanga&Joynagar | 1.789 | 10.550 | 12.339 | Resectioning | N | NA | 37,410 | 20,000 | 1.400 | 0.389 | 38,046 | 30000 | 53% | 79% | 55% | Work in Progress |
| 12 | 32 | Joynagar | 0.429 | 12.339 | 12.768 | Retired | N | NA | 15,449 | 0.000 | 0.000 | 0.000 | 9,123 | 0 | 0% | 0% | 0% | Work not started. |
| 13 | 32 | Joynagar | 0.760 | 12.768 | 13.528 | Resectioning | N | NA | 15,933 | 5,000 | 0.000 | 0.550 | 16,163 | 0 | 31% | 0% | 29% | Work in Progress |
| 14 | 32 | Jaliyakhali | 0.772 | 13.528 | 14.300 | Retired | N | NA | 32,299 | 8,000 | 0.000 | 0.772 | 16,418 | 0 | 25% | 0% | 23% | Work in Progress |
| 15 | 32 | Jaliyakhali | 1.415 | 14.300 | 15.715 | Resectioning | N | NA | 26,458 | 26,458 | 1.400 | 0.000 | 30,092 | 30000 | 100% | 100% | 100% | Work completed. |
| 16 | 32 | Jaliyakhali | 1.040 | 15.715 | 16.755 | Retired | N | NA | 45,253 | 15838 | 0.000 | 1.040 | 22,117 | 0 | 35% | 0% | 32% | Work in Progress |
| 17 | 32 | Kamarkhola | 1.603 | 16.755 | 18.358 | Resectioning | N | NA | 37,848 | 12,000 | 0.600 | 0.350 | 34,090 | 0 | 32% | 0% | 29% | Work in Progress |
| 18 | 32 | Kamarkhola | 0.957 | 18.358 | 19.315 | Retired | N | NA | 37,999 | 25,000 | 0.500 | 0.457 | 20,352 | 15000 | 66% | 74% | 66% | Work in Progress |
| 19 | 32 | Kamarkhola | 0.959 | 19.315 | 20.274 | Resectioning | N | NA | 16,267 | 16,250 | 0.959 | 0.000 | 20,395 | 20000 | 100% | 98% | 100% | Work in Progress |
| 20 | 32 | Kamarkhola | 1.083 | 20.274 | 21.357 | Retired | N | NA | 40,650 | 25,000 | 0.900 | 0.183 | 23,032 | 0 | 62% | 0% | 57% | Work in Progress |
| 21 | 32 | Kamarkhola & Kalinagar | 3.814 | 21.357 | 25.171 | Resectioning | N | NA | 49,814 | 40,000 | 3.700 | 0.044 | 81,111 | 70000 | 80% | 86% | 81% | Work in Progress |
| 22 | 32 | Kalinagar | 0.801 | 25.171 | 25.972 | Retired | N | NA | 26,259 | 26,250 | 0.801 | 0.000 | 17,035 | 15000 | 100% | 88% | 99% | Work in Progress |
| 23 | 32 | Kalinagar & Sutarkhali | 4.556 | 25.972 | 30.528 | Resectioning | N | NA | 68,868 | 52,000 | 4.300 | 0.256 | 96,891 | 80000 | 76% | 83% | 76% | Work in Progress |
| 24 | 32 | Sutarkhali | 0.144 | 30.528 | 30.672 | Retired | N | NA | 5,221 | 2,000 | 0.000 | 0.144 | 3,062 | 0 | 38% | 0% | 35% | Soil Pretaretion in Progress |
| 25 | 32 | Sutarkhali | 0.577 | 30.672 | 31.249 | Resectioning | N | NA | 9,238 | 5,000 | 0.000 | 0.577 | 12,271 | 0 | 54% | 0% | 50% | Soil Pretaretion in Progress |
| 26 | 32 | Sutarkhali | 0.621 | 31.249 | 31.870 | Retired | N | NA | 32,273 | 5000 | 0.000 | 0.300 | 13,207 | 0 | 15% | 0% | 14% | Work not yet started due to negligency by contractor. |
| 27 | 32 | Sutarkhali | 0.312 | 31.870 | 32.182 | Resectioning | N | NA | 11,679 | 0.000 | 0.000 | 0.000 | 6,635 | 0 | 0% | 0% | 0% | Work not yet started due to negligency by contractor. |
| 28 | 32 | Sutarkhali | 0.251 | 32.182 | 32.433 | Retired | N | NA | 9,696 | 0.000 | 0.000 | 0.000 | 5,338 | 0 | 0% | 0% | 0% | Work not yet started due to negligency by contractor. |
| 29 | 32 | Sutarkhali | 3.294 | 32.433 | 35.727 | Resectioning | N | NA | 65,968 | 50,000 | 3.000 | 0.294 | 70,052 | 60000 | 76% | 86% | 77% | Work in Progress |
| 30 | 32 | Sutarkhali | 0.838 | 35.727 | 36.565 | Retired | N | NA | 38,549 | 30,000 | 0.800 | 0.038 | 17,821 | 15000 | 78% | 84% | 78% | Work in Progress |
| 31 | 32 | Sutarkhali | 2.395 | 36.565 | 38.960 | Resectioning | N | NA | 56,875 | 42,656 | 0.800 | 0.700 | 50,934 | 0 | 75% | 0% | 69% | Work in Progress |
| 32 | 32 | kalabogi | 2.950 | 38.960 | 41.910 | Retired | N | NA | 134,676 | 55,000 | 0.000 | 1.850 | 62,737 | 0 | 41% | 0% | 38% | Work in Progress |
| 33 | 32 | kalabogi | 1.136 | 41.910 | 43.046 | Resectioning | N | NA | 42,409 | 20,000 | 0.000 | 0.500 | 24,159 | 0 | 47% | 0% | 43% | Work in Progress |
| 34 | 32 | kalabogi | 0.346 | 43.046 | 43.392 | Retired | N | NA | 15,286 | 1,000 | 0.000 | 0.346 | 7,358 | 0 | 7% | 0% | 6% | Work in Progress |
| 35 | 32 | kalabogi | 1.077 | 43.392 | 44.469 | Resectioning | N | NA | 52,885 | 40,000 | 0.600 | 0.477 | 22,904 | 0 | 76% | 0% | 70% | Soil Pretaretion in Progress |
| 36 | 32 | kalabogi | 0.797 | 44.469 | 45.266 | Retired | N | NA | 47,680 | 5,000 | 0.000 | 0.300 | 16,950 | 0 | 10% | 0% | 10% | Work in Progress |
| 37 | 32 | kalabogi | 1.283 | 45.266 | 46.549 | Resectioning | N | NA | 33,848 | 25,000 | 0.800 | 0.483 | 27,285 | 0 | 74% | 0% | 68% | Work in Progress |
| 38 | 32 | Nalian | 0.216 | 46.549 | 46.765 | Retired | N | NA | 11,062 | 11,050 | 0.216 | 0.000 | 4,594 | 4000 | 100% | 87% | 99% | Work in Progress |
| 39 | 32 | Nalian | 0.318 | 46.765 | 47.083 | Resectioning | N | NA | 9,915 | 7,000 | 0.300 | 0.018 | 6,763 | 0 | 71% | 0% | 65% | Work in Progress |
| 40 | 32 | Nalian | 0.251 | 47.083 | 47.334 | Retired | N | NA | 15,967 | 15,900 | 0.251 | 0.000 | 5,338 | 5000 | 100% | 94% | 99% | Work in Progress |
| 41 | 32 | Nalian | 1.361 | 47.334 | 48.695 | Resectioning | N | NA | 49,268 | 38,000 | 1.000 | 0.361 | 28,944 | 0 | 77% | 0% | 71% | Work in Progress |
| 42 | 32 | Nalian | 0.971 | 48.695 | 49.666 | Retired | N | NA | 65,931 | 50,000 | 0.500 | 0.471 | 20,650 | 0 | 76% | 0% | 70% | Work in Progress |
| Total Polder-32 = | | | 49.666 | | | | | | 1,618,396 | 1,030,872 | 30.040 | 14.307 | 1,056,230 | 448,687 | 64% | 42% | 60% | |

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

| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August, 2019 | Remarks |
|--------------------------|--------|---------------------------------|---------------|------------------------|-------------------|---|------------|---------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|-----------------------------|---------------------------------|
| Polder-33 | | | | | | | | | | | | | | | | | | |
| 1 | 33 | Banishanta | 0.474 | 0.000 | 0.474 | Retired | Yes | NA | 24,964 | 5,000 | 0.000 | 0.474 | 9,084 | 0 | 20% | 0% | 18% | Work in progress |
| 2 | 33 | Banishanta | 0.584 | 0.474 | 1.058 | Resectioning | N | NA | 11,192 | 11,192 | 0.584 | 0.000 | 11,192 | 0 | 100% | 0% | 92% | Work in progress |
| 3 | 33 | Purbo dangmari | 0.492 | 1.058 | 1.550 | Retired | N | NA | 9,429 | 6000 | 0.000 | 0.492 | 9,429 | 0 | 64% | 0% | 59% | Work in Progress |
| 4 | 33 | Dangmari | 1.290 | 1.550 | 2.840 | Resectioning | N | NA | 24,723 | 24,723 | 1.290 | 0.000 | 24,723 | 24723 | 100% | 100% | 100% | Work in progress |
| 5 | 33 | Dangmari | 0.461 | 2.840 | 3.301 | Retired | N | NA | 8,835 | 8,835 | 0.461 | 0.000 | 8,835 | 8835 | 100% | 100% | 100% | Work in progress |
| 6 | 33 | Dangmari to khajura | 5.305 | 3.301 | 8.606 | Resectioning | N | NA | 101,669 | 101,669 | 5.305 | 0.000 | 101,669 | 101669 | 100% | 100% | 100% | Work in progress |
| 7 | 33 | khajura | 0.101 | 8.606 | 8.707 | Retired | N | NA | 1,936 | 1,936 | 0.101 | 0.000 | 1,936 | 1936 | 100% | 100% | 100% | Work in progress |
| 8 | 33 | Khajura | 0.283 | 8.707 | 8.990 | Resectioning | N | NA | 5,424 | 5,424 | 0.283 | 0.000 | 5,424 | 5424 | 100% | 100% | 100% | Work in progress |
| 9 | 33 | Burir Dabor | 0.175 | 8.990 | 9.165 | Retired | N | NA | 3,354 | 3354 | 0.175 | 0.000 | 3,354 | 3354 | 100% | 100% | 100% | Work in progress |
| 10 | 33 | Burir Dabor | 1.865 | 9.165 | 11.030 | Resectioning | N | NA | 35,742 | 35,742 | 1.865 | 0.000 | 35,742 | 35742 | 100% | 100% | 100% | Work in progress |
| 11 | 33 | Burir Dabor | 0.500 | 11.030 | 11.530 | Resectioning | N | NA | 9,582 | 0.000 | 0.000 | 0.000 | 9,582 | 0 | 0% | 0% | 0% | Work drop due to pavement Road. |
| 12 | 33 | Burir Dabor to Bon lawdob | 2.560 | 11.530 | 14.090 | Resectioning | N | NA | 49,062 | 49,062 | 2.560 | 0.000 | 49,062 | 50 | 100% | 0% | 92% | Work in progress |
| 13 | 33 | Bon lawdob to Gazifish | 0.739 | 14.090 | 14.829 | Retired | N | NA | 14,163 | 14,163 | 0.739 | 0.000 | 14,163 | 14163 | 100% | 100% | 100% | Work in progress |
| 14 | 33 | Gazirijfish to Ramnagar | 2.293 | 14.829 | 17.122 | Resectioning | N | NA | 43,945 | 43,945 | 2.293 | 0.000 | 43,945 | 43945 | 100% | 100% | 100% | Work in progress |
| 15 | 33 | Ramnagar | 0.528 | 17.122 | 17.650 | Retired | N | NA | 10,119 | 10,119 | 0.528 | 0.000 | 10,119 | 10119 | 100% | 100% | 100% | Work in progress |
| 16 | 33 | Ramnagar | 1.650 | 17.650 | 19.300 | Resectioning | N | NA | 31,622 | 31,622 | 1.650 | 0.000 | 31,622 | 31622 | 100% | 100% | 100% | Work in progress |
| 17 | 33 | Thakurbari to kheyaghat | 2.600 | 19.300 | 21.900 | Resectioning | N | NA | 49,829 | - | 0.000 | 0.000 | 49,829 | 0 | 0% | 0% | 0% | Work drop due to pavement Road. |
| | 33 | Dacope to Tangrarchar | 4.400 | 21.900 | 26.300 | Resectioning | N | NA | 84,325 | 84,325 | 4.400 | 0.000 | 84,325 | 84325 | 100% | 100% | 100% | Work in progress |
| c | 33 | Shaheberabad(Dacope) | 0.730 | 26.300 | 27.030 | Retired | N | NA | 32,663 | - | 0.000 | 0.000 | 13,990 | 0 | 0% | 0% | 0% | Work yet to be started. |
| | 33 | Shaheberabad to Poddargonj | 1.287 | 27.030 | 28.317 | Resectioning | N | NA | 24,665 | 24,665 | 1.287 | 0.000 | 24,665 | 24665 | 100% | 100% | 100% | Work in progress |
| | 33 | Poddargonj | 0.224 | 28.317 | 28.541 | Retired | N | NA | 4,293 | 4,293 | 0.224 | 0.000 | 4,293 | 4293 | 100% | 100% | 100% | Work in progress |
| | 33 | Chunkuri | 2.304 | 28.541 | 30.845 | Resectioning | N | NA | 44,156 | 44,156 | 2.304 | 0.000 | 44,156 | 44156 | 100% | 100% | 100% | Work in progress |
| | 33 | Chunkuri | 0.455 | 30.845 | 31.300 | Resectioning | N | NA | 8,720 | 0.00 | 0.000 | 0.000 | 8,720 | 0 | 0% | 0% | 0% | Energy Pack LPG Gass |
| | 33 | Chunkuri | 1.052 | 31.300 | 32.352 | Resectioning | N | NA | 20,161 | 20,161 | 1.052 | 0.000 | 20,161 | 20161 | 100% | 100% | 100% | Work in progress |
| | 33 | Chunkuri | 7.440 | 32.352 | 39.792 | Resectioning | N | NA | 142,586 | 142,586 | 7.440 | 0.000 | 142,586 | 142586 | 100% | 100% | 100% | Work in progress |
| | 33 | Chunkuri to Kutakhali | 1.908 | 39.792 | 41.700 | Resectioning | N | NA | 36,566 | - | 0.000 | 0.000 | 36,566 | 0 | 0% | 0% | 0% | Work drop due to pavement Road. |
| | 33 | Kutakhali to Banishanta | 6.550 | 41.700 | 48.250 | Resectioning | N | NA | 125,529 | 125,529 | 6.550 | 0.000 | 125,529 | 125529 | 100% | 100% | 100% | Work in progress |
| | 33 | Banishanta to Banishanta Bazar. | 0.904 | 48.250 | 49.154 | Retired | N | NA | 45,000 | 31,000 | 0.500 | 0.404 | 17,325 | 10000 | 69% | 58% | 68% | Work in progress |
| Total Polder-33 = | | | 49.154 | | | | | | 1,004,255 | 829,501 | 41.591 | 1.370 | 942,027 | 737,297 | 83% | 78% | 76% | |

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

| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (SqM) | Completed Dressing and turfing (SqM) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August, 2019 | Remarks |
|----------------------------|--------|--------------|---------------|------------------------|-------------------|---|------------|---------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|-----------------------------|---|
| Polder-35/1 | | | | | | | | | | | | | | | | | | |
| 1 | 35/1 | Fashiatola | 0.750 | 0.000 | 0.750 | Resectioning | N | NA | 28,944 | 28,930 | 0.750 | 0.000 | 20250 | 15000 | 100% | 74% | 98% | Work in progress |
| 2 | 35/1 | Fashiatola | 1.300 | 0.750 | 2.050 | Resectioning | N | NA | 51,044 | 50,500 | 1.300 | 0.000 | 35100 | 10000 | 99% | 28% | 93% | Work in progress |
| 3 | 35/1 | Fashiatola | 0.600 | 2.050 | 2.650 | Retired | N | NA | 23,559 | 23,559 | 0.600 | 0.000 | 10600 | 0 | 100% | 0% | 92% | Work in progress |
| 4 | 35/1 | East Amtoli | 1.250 | 2.650 | 3.900 | Retired | N | NA | 49,081 | 35,000 | 1.000 | 0.250 | 21750 | 0 | 71% | 0% | 66% | Work in progress |
| 5 | 35/1 | East Amtoli | 0.300 | 3.900 | 4.200 | Resectioning | N | NA | 11,779 | 3533 | 0.000 | 0.300 | 3300 | 0 | 30% | 0% | 28% | Work not yet started. |
| 6 | 35/1 | Kumarkhali | 0.700 | 4.200 | 4.900 | Resectioning | N | NA | 27,485 | 24,100 | 0.500 | 0.200 | 7700 | 0 | 88% | 0% | 81% | Work in progress |
| 7 | 35/1 | Kumarkhali | 0.250 | 4.900 | 5.150 | Resectioning | N | NA | 9,816 | 0.000 | 0.000 | 0.000 | 2750 | 0 | 0% | 0% | 0% | Work will be started soon |
| 8 | 35/1 | Kumarkhali | 1.100 | 5.150 | 6.250 | Resectioning | N | NA | 43,191 | 37,000 | 0.800 | 0.300 | 27300 | 0 | 86% | 0% | 79% | Work in progress |
| 9 | 35/1 | Kumarkhali | 0.750 | 6.250 | 7.000 | Resectioning | N | NA | 29,449 | 29,450 | 0.750 | 0.000 | 17850 | 0 | 100% | 0% | 92% | Work in progress |
| 10 | 35/1 | Khontakata | 3.000 | 7.000 | 10.000 | Resectioning | N | NA | 117,795 | 117,500 | 3.000 | 0.000 | 69000 | 0 | 100% | 0% | 92% | Work in progress |
| 11 | 35/1 | Boraitola | 2.300 | 10.000 | 12.300 | Resectioning | N | NA | 81,148 | 0.000 | 0.000 | 0.000 | 50600 | 0 | 0% | 0% | 0% | Work will be started soon |
| 12 | 35/1 | Boraitola | 1.700 | 12.300 | 14.000 | Retired | N | NA | 67,073 | 0.000 | 0.000 | 0.000 | 44900 | 0 | 0% | 0% | 0% | Work will be started soon |
| 13 | 35/1 | Boraitola | 1.005 | 14.000 | 15.005 | Resectioning | N | NA | 39,652 | 0.000 | 0.000 | 0.000 | 23115 | 0 | 0% | 0% | 0% | Work will be started soon |
| 14 | 35/1 | Boraitola | 0.925 | 15.005 | 15.930 | Resectioning | N | NA | 36,320 | 28,000 | 0.500 | 0.425 | 21275 | 1116 | 77% | 5% | 71% | Work in progress |
| 15 | 35/1 | Rajoir | 2.990 | 15.930 | 18.920 | Resectioning | N | NA | 188,824 | 160,500 | 2.000 | 0.690 | 88030 | 17940 | 85% | 20% | 80% | Work in progress |
| 16 | 35/1 | Chal Rayenda | 1.060 | 18.920 | 19.980 | Resectioning | N | NA | 41,621 | 41,621 | 1.060 | 0.000 | 32860 | 15900 | 100% | 48% | 96% | Work in progress |
| 17 | 35/1 | Chal Rayenda | 0.020 | 19.980 | 20.000 | Resectioning | N | NA | 785 | 785 | 0.020 | 0.000 | 620 | 0 | 100% | 0% | 92% | Work in progress |
| 18 | 35/1 | Tafalbari | 0.500 | 20.000 | 20.500 | Retired | N | NA | 19,632 | 17,669 | 0.400 | 0.100 | 20500 | 0 | 90% | 0% | 83% | Work in progress |
| 19 | 35/1 | Tafalbari | 0.500 | 20.500 | 21.000 | Resectioning | N | NA | 19,632 | 19,600 | 0.500 | 0.000 | 14500 | 0 | 100% | 0% | 92% | Work in progress |
| 20 | 35/1 | Gabtolta | 2.500 | 21.000 | 23.500 | Resectioning | Yes | NA | 98,162 | 75,500 | 2.200 | 0.300 | 72500 | 0 | 77% | 0% | 71% | Work in progress |
| 21 | 35/1 | Gabtolta | 2.500 | 23.500 | 26.000 | Retired | Yes | NA | 98,162 | 0.000 | 0.000 | 0.000 | 84500 | 0 | 0% | 0% | 0% | Work not yet started. |
| 22 | 35/1 | Terabeka | 2.000 | 26.000 | 28.000 | Resectioning | Yes | NA | 78,530 | 39,265 | 0.000 | 2.000 | 44000 | 0 | 50% | 0% | 46% | Work in progress |
| 23 | 35/1 | Sharankhola | 1.150 | 28.000 | 29.150 | Resectioning | N | NA | 45,155 | 45,000 | 1.150 | 0.000 | 25300 | 18000 | 100% | 71% | 97% | Work in progress |
| 24 | 35/1 | Sharankhola | 1.450 | 29.150 | 30.600 | Resectioning | N | NA | 56,934 | 56,900 | 1.450 | 0.000 | 31900 | 20000 | 100% | 63% | 97% | Work in progress |
| 25 | 35/1 | Sharankhola | 2.100 | 30.600 | 32.700 | Resectioning | N | NA | 29,900 | 29,900 | 2.100 | 0.000 | 46200 | 30000 | 100% | 65% | 97% | Work in progress |
| 26 | 35/1 | Sonatala | 2.300 | 32.700 | 35.000 | Resectioning | N | NA | 90,309 | 90,000 | 2.300 | 0.000 | 50600 | 35000 | 100% | 69% | 97% | Work in progress |
| 27 | 35/1 | Sonatala | 1.500 | 35.000 | 36.500 | Resectioning | N | NA | 25,500 | 25,500 | 1.500 | 0.000 | 33000 | 20000 | 100% | 61% | 97% | Work in progress |
| 28 | 35/1 | Sonatala | 2.000 | 36.500 | 38.500 | Resectioning | N | NA | 41,742 | 41,700 | 2.000 | 0.000 | 44000 | 30000 | 100% | 68% | 97% | Work in progress |
| 29 | 35/1 | Rasulpur | 0.850 | 38.500 | 39.350 | Resectioning | N | NA | 33,536 | 33500 | 0.850 | 0.000 | 17850 | 8000 | 100% | 45% | 95% | Pavement Road. Work started next year |
| 30 | 35/1 | Rasulpur | 3.110 | 39.350 | 42.460 | Resectioning | N | NA | 79,630 | 79,600 | 3.110 | 0.000 | 68420 | 27368 | 100% | 40% | 95% | Work in progress |
| 31 | 35/1 | Rajaour | 1.450 | 42.460 | 43.910 | Resectioning | N | NA | 56,934 | 56,900 | 1.450 | 0.000 | 31900 | 12760 | 100% | 40% | 95% | Work in progress |
| 32 | 35/1 | Rajaour | 0.140 | 43.910 | 44.050 | Resectioning | N | NA | 5,497 | 5,400 | 0.140 | 0.000 | 3080 | 2000 | 98% | 65% | 96% | Work in progress |
| 33 | 35/1 | Rajaour | 6.050 | 44.050 | 50.100 | Resectioning | N | NA | 220,870 | 220,500 | 6.050 | 0.000 | 133100 | 70000 | 100% | 53% | 96% | Work in progress |
| 34 | 35/1 | Dhansagor | 1.150 | 50.100 | 51.250 | Resectioning | N | NA | 45,155 | 45,000 | 1.150 | 0.000 | 25300 | 10120 | 100% | 40% | 95% | Work in progress |
| 35 | 35/1 | Dhansagor | 9.650 | 51.250 | 60.900 | Resectioning | N | NA | 380739 | 0.000 | 0.000 | 0.000 | 202650 | 0 | 0% | 0% | 0% | Pavement Road. Work started next year |
| 36 | 35/1 | Sannashi | 0.900 | 60.900 | 61.800 | Resectioning | N | NA | 35,509 | 0.000 | 0.000 | 0.000 | 19800 | 0 | 0% | 0% | 0% | Work not yet started. Next year program |
| 37 | 35/1 | Sannashi | 0.172 | 61.800 | 61.972 | Retired | N | NA | 8,476 | 8,476 | 0.172 | 0.000 | 4128 | 0 | 100% | 0% | 92% | Work in progress |
| Total Polder-35/1 = | | | 61.972 | | | | | | 2,317,570 | 1,470,888 | 38.802 | 4.565 | 1,450,228 | 343,204 | 63% | 24% | 70% | |

Bangladesh Water Development Board (BWDB)
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| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August, 2019 | Remarks |
|---------------------------------|--------|--------------|----------------|------------------------|-------------------|---|------------|---------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|-----------------------------|---|
| Polder-35/3 | | | | | | | | | | | | | | | | | | |
| 1 | 35/3 | Molliker ber | 0.140 | 0.000 | 0.140 | Resectioning | N | NA | 4,724 | 4,000 | 0.140 | 0.000 | 3046 | 2617 | 85% | 86% | 85% | Work in Progress |
| 2 | 35/3 | Molliker ber | 0.340 | 0.140 | 0.480 | Retired | N | NA | 15,311 | 14,500 | 0.340 | 0.000 | 7398 | 7000 | 95% | 95% | 95% | Work in Progress |
| 3 | 35/3 | Molliker ber | 0.285 | 0.480 | 0.765 | Resectioning | N | NA | 7,534 | 7,534 | 0.285 | 0.000 | 6202 | 6200 | 100% | 100% | 100% | Work in Progress |
| 4 | 35/3 | Molliker ber | 0.375 | 0.765 | 1.140 | Retired | N | NA | 16,049 | 16,049 | 0.375 | 0.000 | 8160 | 8160 | 100% | 100% | 100% | Work in Progress |
| 5 | 35/3 | Molliker ber | 1.405 | 1.140 | 2.545 | Resectioning | N | NA | 53,284 | 51,600 | 1.405 | 0.000 | 30573 | 20000 | 97% | 65% | 94% | Work in Progress |
| 6 | 35/3 | Molliker ber | 1.095 | 2.545 | 3.640 | Retired | N | NA | 51,415 | 50,200 | 1.095 | 0.000 | 23827 | 22000 | 98% | 92% | 97% | Work in Progress |
| 7 | 35/3 | Molliker ber | 1.330 | 3.640 | 4.970 | Resectioning | N | NA | 39,093 | 38,300 | 1.330 | 0.000 | 28941 | 27000 | 98% | 93% | 98% | Work in Progress |
| 8 | 35/3 | Molliker ber | 0.100 | 4.970 | 5.070 | Retired | N | NA | 4,433 | 4,400 | 0.100 | 0.000 | 2176 | 2000 | 99% | 92% | 99% | Work in Progress |
| 9 | 35/3 | Bashbaria | 1.715 | 5.070 | 6.785 | Resectioning | N | NA | 49,997 | 49,000 | 1.715 | 0.000 | 37318 | 36000 | 98% | 96% | 98% | Work in Progress |
| 10 | 35/3 | Bashbaria | 2.515 | 6.785 | 9.300 | Retired | N | NA | 122,038 | 120,000 | 2.400 | 0.115 | 54726 | 48000 | 98% | 88% | 97% | Work in Progress |
| 11 | 35/3 | Panchamala | 0.320 | 9.300 | 9.620 | Resectioning | N | NA | 7,225 | 7,225 | 0.320 | 0.000 | 6963 | 6900 | 100% | 99% | 100% | Work in Progress |
| 12 | 35/3 | Panchamala | 0.980 | 9.620 | 10.600 | Retired | N | NA | 49,393 | 47,900 | 0.900 | 0.080 | 21325 | 20000 | 97% | 94% | 97% | Work in Progress |
| 13 | 35/3 | Panchamala | 1.900 | 10.600 | 12.500 | Resectioning | N | NA | 59,564 | 59,000 | 1.900 | 0.000 | 41344 | 40000 | 99% | 97% | 99% | Work in Progress |
| 14 | 35/3 | Radhaballov | 1.365 | 12.500 | 13.865 | Retired | N | NA | 72,119 | 69,000 | 1.200 | 0.165 | 29702 | 25000 | 96% | 84% | 95% | Work in Progress |
| 15 | 35/3 | Radhaballov | 0.105 | 13.865 | 13.970 | Resectioning | N | NA | 2,982 | 2,600 | 0.105 | 0.000 | 2285 | 2000 | 87% | 88% | 87% | Work in Progress |
| 16 | 35/3 | Radhaballov | 0.165 | 13.970 | 14.135 | Retired | N | NA | 5,945 | 2,500 | 0.000 | 0.165 | 3590 | 1800 | 42% | 50% | 43% | Work in Progress |
| 17 | 35/3 | Radhaballov | 1.165 | 14.135 | 15.300 | Resectioning | N | NA | 45,703 | 15,000 | 0.365 | 0.800 | 25350 | 1000 | 33% | 4% | 31% | Work in progress |
| 18 | 35/3 | Karapara | 0.270 | 15.300 | 15.570 | Retired | N | NA | 17,381 | 10,000 | 0.220 | 0.050 | 5875 | 2550 | 58% | 43% | 56% | Obstruction by the local commissioner. |
| 19 | 35/3 | Karapara | 3.770 | 15.570 | 19.340 | Resectioning | N | NA | 136,405 | 110,000 | 3.000 | 0.770 | 82035 | 5000 | 81% | 6% | 75% | Work in Progress |
| 20 | 35/3 | Dema | 0.440 | 19.340 | 19.780 | Retired | N | NA | 10,560 | 9,800 | 0.440 | 0.000 | 9574 | 8050 | 93% | 84% | 92% | Work in Progress |
| 21 | 35/3 | Dema | 9.320 | 19.780 | 29.100 | Resectioning | N | NA | 306,596 | 306,596 | 9.320 | 0.000 | 202803 | 195000 | 100% | 96% | 100% | Work in Progress |
| 22 | 35/3 | Khegraghat | 1.160 | 29.100 | 30.260 | Retired | N | NA | 53,605 | 51,000 | 1.160 | 0.000 | 25242 | 21000 | 95% | 83% | 94% | Work in Progress |
| 23 | 35/3 | Dema | 3.950 | 30.260 | 34.210 | Resectioning | N | NA | 110,694 | 109,600 | 3.950 | 0.000 | 85952 | 80000 | 99% | 93% | 99% | Work in Progress |
| 24 | 35/3 | Molliker ber | 1.950 | 34.210 | 36.160 | Resectioning | N | NA | 0.000 | 0.000 | 0.000 | 0.000 | 0 | 0 | 0% | 0% | 0% | Work not Required. |
| 25 | 35/3 | Molliker ber | 1.220 | 36.160 | 37.380 | Retired | N | NA | 55,196 | 54,200 | 1.220 | 0.000 | 26547 | 24000 | 98% | 90% | 98% | Work in Progress |
| 26 | 35/3 | Molliker ber | 0.020 | 37.380 | 37.400 | Resectioning | N | NA | 845 | 845 | 0.020 | 0.000 | 435 | 400 | 100% | 92% | 99% | Work in Progress |
| 27 | 35/3 | Molliker ber | 0.430 | 37.400 | 37.830 | Retired | N | NA | 20,042 | 20,042 | 0.430 | 0.000 | 9357 | 9000 | 100% | 96% | 100% | Work in Progress |
| 28 | 35/3 | Molliker ber | 0.735 | 37.830 | 38.565 | Resectioning | N | NA | 31,884 | 31,500 | 0.735 | 0.000 | 15994 | 15000 | 99% | 94% | 98% | Work in Progress |
| 29 | 35/3 | Molliker ber | 0.475 | 38.565 | 39.040 | Retired | N | NA | 22,108 | 21,500 | 0.475 | 0.000 | 10336 | 9000 | 97% | 87% | 96% | Work not yet started due to negligence by contractor. |
| 30 | 35/3 | Molliker ber | 0.785 | 39.040 | 39.825 | Resectioning | N | NA | 21,453 | 20,000 | 0.785 | 0.000 | 17082 | 15500 | 93% | 91% | 93% | Work in progress |
| Total Polder-35/3 = | | | 39.825 | | | | | | 1,393,578 | 1,303,891 | 35.730 | 2.145 | 824,160 | 660,177 | 94% | 80% | 87% | |
| Grand Total of Package-1 | | | 200.617 | | | | | | 6333798.58 | 4635152.00 | 146.163 | 22.387 | 4272645.27 | 2189364.62 | | | | |

Table 3-44: Detailed information of Construction Status of Drainage Channel of Package-1

| # | Polder | Name of Khal | Length (Km) | Completed Length (km) | Required Quantity (Cum) | Achieved Quantity (Cum) | Status as of 31 August, 2019 | Remarks |
|------------------|--------|----------------------------|---------------|-----------------------|-------------------------|-------------------------|------------------------------|--|
| Package 1 | | | | | | | | |
| 1 | 32 | Charar (DS-1) | 1.500 | 1.300 | 26,784 | 23,213 | 87% | Work in Progress |
| 2 | 32 | Hatkhola (DS-2) | 3.500 | 3.500 | 50,830 | 50,830 | 100% | Work completed. |
| 3 | 32 | Para (DS-3) | 4.500 | 3.900 | 34,772 | 30,136 | 87% | Work completed. |
| 4 | 32 | Kayratoli (DS-7) | 3.000 | 3.000 | 25,979 | 25,979 | 100% | Work completed. |
| 5 | 32 | Clozarer (DS-8) | 3.000 | 0.000 | 8,019 | 0 | 0% | Work will be started soon. |
| 6 | 32 | Jaliakhali (DS-16) | 2.000 | 1.750 | 22,949 | 20,080 | 88% | Work in Progress |
| 7 | 33 | Bojan, DS 1 | 2.000 | 2.000 | 55,535 | 55,535 | 100% | Work completed. |
| 8 | 33 | Khajura, DS 2 | 5.500 | 5.500 | 13,220 | 13,220 | 100% | Work completed. |
| 9 | 33 | Borobage (DS-3) | 7.500 | 7.500 | 82,692 | 82,692 | 100% | Work completed. |
| 10 | 33 | Bolder, DS 4 | 1.000 | 1.000 | 18,618 | 18,618 | 100% | Work completed. |
| 11 | 33 | Chara, DS 5 | 10.000 | 10.000 | 60,075 | 60,075 | 100% | Work completed. |
| 12 | 33 | Dhopadi, DS 6 | 4.000 | 4.000 | 61,069 | 61,069 | 100% | Work completed. |
| 13 | 33 | Dacope, DS 7 | 4.000 | 4.000 | 115,278 | 115,278 | 100% | Work completed. |
| 14 | 33 | Bajua, DS 9 | 8.890 | 8.000 | 192,809 | 173,506 | 90% | Work in Progress |
| 15 | 33 | Pachin Baju, DS 10 | 8.500 | 0.000 | 4,825 | 0 | 0% | Will be started soon. |
| 16 | 33 | Khuntakhali, DS 11 | 4.500 | 4.500 | 19,416 | 19,416 | 100% | Work completed. |
| 17 | 33 | Borobaker, DS 12 | 6.000 | 6.000 | 20,444 | 20,444 | 100% | Work completed. |
| 18 | 33 | Kata, FS 9 | 1.320 | 1.320 | 28,247 | 28,247 | 100% | Work completed. |
| 19 | 35/1 | Terabeka,DS-08(Khal-01) | 2.500 | 2.500 | 18,304 | 18,304 | 100% | Photo & video before and after excavation yet to be received. |
| 20 | 35/1 | Rayenda,DS-04(Khal-20) | 9.500 | 9.000 | 81,985 | 77,670 | 95% | Photo & video before and after excavation yet to be received,spoil |
| 21 | 35/1 | Satgharer,DS-18(Khal-02) | 1.000 | 0.000 | | 0 | 0% | Shop drawing yet to be received. |
| 22 | 35/1 | Gabtota,DS-07(Khal-04) | 2.000 | 1.900 | 10,575 | 10,046 | 95% | Photo & video before and after excavation yet to be received. |
| 23 | 35/1 | Tafalbari(Khal-06),DS-06 | 6.000 | 5.700 | 45,093 | 42,838 | 95% | Photo & video before and after excavation yet to be received. |
| 24 | 35/1 | Sonatala(Khal-11),DS-10 | 2.500 | 2.400 | 14,468 | | 96% | Photo & video before and after excavation yet to be received. |
| 25 | 35/1 | Jheelbonia(Khal-19),DS-05 | 6.000 | 5.100 | 38,856 | 33,028 | 85% | Photo & video before and after excavation yet to be received. |
| 26 | 35/1 | Thanar(Khal-42),DS-11 | 3.500 | 3.300 | 70,562 | 66,530 | 94% | Photo & video before and after excavation yet to be received,spoil |
| 27 | 35/1 | Khunta kata(Khal-61),DS-03 | 3.500 | 0.000 | | 0 | 0% | Shop drawing yet to be received. |
| 28 | 35/1 | Kumarkhali(Khal-64),DS-02 | 12.500 | 0.000 | | 0 | 0% | Shop drawing yet to be received. |
| 29 | 35/1 | Sannashir(Khal-73),DS-01 | 1.500 | 1.400 | 11,825 | 11,037 | 93% | Photo & video before and after excavation yet to be received. |
| 30 | 35/1 | Andaria(Khal-75),DS-15 | 2.000 | 0.000 | 32,662 | 0 | 0% | Work yet to be started. |
| 31 | 35/1 | Kabirajer(Khal-79),DS-13 | 3.500 | 3.300 | 38,743 | 36,529 | 94% | Photo & video before and after excavation yet to be received,spoil |
| 32 | 35/1 | Rajapur(Khal-81),DS-12 | 3.500 | 3.300 | 77,690 | 73,250 | 94% | Photo & video before and after excavation yet to be received,spoil |
| 33 | 35/1 | Khajurbaria(Khal-90),DS-17 | 5.500 | 5.300 | | 0 | 96% | Photo & video before and after excavation yet to be received,spoil |
| 34 | 35/1 | Rathiar(Khal-84),DS-16 | 4.500 | 4.300 | 69,186 | 66,111 | 96% | Photo & video before and after excavation yet to be received,spoil |
| 35 | 35/1 | Fajajipara(Khal-76),DS-14 | 1.000 | 0.000 | 7,695 | 0 | 0% | Work yet to be started. |
| 36 | 35/3 | Care Khal | | 0.000 | 0 | 0 | | Not required hence it is drop. |
| Total | | | 151.21 | 114.770 | 1,359,203 | 1,233,680.62 | 76.70% | |

Table 3-45: Detailed information of Construction Status of Drainage Sluices of Package-1

| # | Type of HS | Sluice Name | Polder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation block placing - Gate | Weighted % progress (31 August 19) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|------------------------|------------|-------------|--------|--|--|-----------------------------------|---|---|---------------|---------------------------|--|--|
| Drainage Sluice | | | | | | | | | | | | |
| 1 | DS | DS-1 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 2 | DS | DS-2 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 3 | DS | DS-7 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate Installed. |
| 4 | DS | DS-8 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 5 | DS | DS-9 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 6 | DS | DS-10 | 32 | 100% | 100% | 100% | 90% | 99% | N | NA | | Gate is to be Installed as per new design. |
| 7 | DS | DS-11 | 32 | 100% | 100% | 100% | 90% | 99% | N | NA | | Gate is to be Installed as per new design. |
| 8 | DS | DS-16 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 9 | DS | DS-1 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 10 | DS | DS-2 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 11 | DS | DS-3 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 12 | DS | DS-4 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 13 | DS | DS-6 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate is to be Installed as per new design. |
| 14 | DS | DS-7 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 15 | DS | DS-8 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 16 | DS | DS-9 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 17 | DS | DS-10 | 33 | 100% | 100% | 100% | 90% | 99% | N | NA | | Gate is to be Installed as per new design. |
| 18 | DS | DS-11 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 19 | DS | DS-12 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 20 | DS | DS-13 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 21 | DS | DS-1 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 22 | DS | DS-2 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 23 | DS | DS-4 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 24 | DS | DS-5 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 25 | DS | DS-6 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 26 | DS | DS-7 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 27 | DS | DS-8 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 28 | DS | DS-11 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 29 | DS | DS-12 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 30 | DS | DS-13 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 31 | DS | DS-14 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 32 | DS | DS-15 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 33 | DS | DS-16 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 34 | DS | DS-17 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 35 | | DS-18 | 35/1 | | | | | 100% | N | NA | Dropped | DS-18, Suspended due to vulnerable situation of Baleshor River from November, 2016 |
| 36 | DS | DS-1 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 37 | DS | DS-2 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 38 | DS | DS-3 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 39 | DS | DS-4 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |

Table 3-46: Detailed Information of Construction Status of Flushing Sluices of Package-1

| # | Type of HS | Sluice Name | Polder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation CC block placing - Gate | Weighted % progress (31 August 19) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|------------------------|------------|-------------|--------|--|--|-----------------------------------|--|---|---------------|---------------------------|--|---|
| Flushing Sluice | | | | | | | | | | | | |
| 1 | | FS-3 | 32 | | | | | 100% | Y | | Dropped | Dropped as local chairman does not allow to construct the FS-3 . |
| 2 | FS | D-10 | 32 | 100% | 100% | 100% | 90% | 99% | N | NA | | Gate is to be Installed as per new design. |
| 3 | | FS-1 | 33 | | | | | 100% | N | NA | Dropped | Dropped due to Court Case |
| 4 | | FS-3 | 33 | | | | | 100% | Y | | Dropped | Dropped as adjacent DS-3 will serve the purpose |
| 5 | FS | FS-5 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 6 | FS | FS-6 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 7 | FS | FS-8 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 8 | FS | FS-9 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 9 | | FS-10 | 33 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem. |
| 10 | FS | FS-11 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 11 | | FS-14 | 33 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem for excavation of diversion channel |
| 12 | | FS-15 | 33 | | | | | 100% | N | NA | Dropped | Structure is good condition, converted to repair. Design data submitted for repair work. |
| 13 | FS | FS-17 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 14 | | FS-19 | 33 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem . |
| 15 | FS | FS-1 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 16 | FS | FS-2 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 17 | FS | FS-4 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 18 | FS | FS-5 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 19 | | FS-6 | 35/1 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem for excavation of diversion channel |
| 20 | FS | FS-7 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 21 | FS | FS-12 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 22 | FS | FS-13 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 23 | | FS-14 | 35/1 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem for excavation of diversion channel |
| 24 | | FS-15 | 35/1 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem for excavation of diversion channel |
| 25 | FS | FS-16 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 26 | FS | FS-17 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 27 | FS | FS-18 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 28 | FS | FS-19 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 29 | FS | FS-21 | 35/1 | | | | | 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 team. |
| 30 | FS | FS-22 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but shaft & handle is to be installed as new design. |
| 31 | | FS-23 | 35/1 | | | | | 100% | Y | | Dropped | Dropped due to Land Problem for excavation of diversion channel |
| 32 | FS | FS-1 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 33 | FS | FS-3 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 34 | FS | FS-4 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 35 | FS | FS-5 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 36 | FS | FS-6 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 37 | FS | FS-8 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 38 | FS | FS-9 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 39 | FS | FS-10 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 40 | FS | FS-13 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |
| 41 | FS | FS-14 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation. |

Table 3-47: Detailed Information of Repair of Drainage & Flushing Sluices of Package-1

| # | Type of HS | Sluice Name | Polder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation block placing - Gate | Weighted % progress (31 August, 19) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|--------------------------------------|------------|-------------|--------|--|--|-----------------------------------|---|--|---------------|---------------------------|--|--|
| Repairing of Drainage Sluices | | | | | | | | | | | | |
| 1 | DS | DS-03 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 2 | DS | DS-10 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| Repairing of Flushing Sluices | | | | | | | | | | | | |
| 1 | FS | FS-01 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | Sluice in operation |
| 2 | FS | FFDFB-01 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |
| 3 | FS | FFDFM-01 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |
| 4 | | FFDFR-01 | 32 | | | | | 100% | | | Dropped | No need to repair. (FFDFR-01) |
| 5 | FS | FM-08 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |
| 6 | | FS-04 | 32 | | | | | 100% | | | Dropped | Sluice not repairable.(FS-04) |
| 7 | FS | FM-09 | 32 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |
| 8 | FS | FM-10 | 32 | 50% | | 30% | | 22% | N | NA | | work in progress. |
| 9 | | FM-12 | 32 | | | | | 100% | | | Dropped | Sluice no need to repair.(FS-12) |
| 10 | | FM-01 | 32 | | | | | 100% | | | Dropped | Sluice no need to repair.(FS-01) |
| 11 | | FM-02 | 32 | | | | | 100% | | | Dropped | Sluice is now in no use.(FS-02) |
| 12 | | FM-07 | 32 | | | | | 100% | | | Dropped | No need repair, connected with the private pond.(FS-07) |
| 13 | | FM-11 | 32 | | | | | 100% | | | Dropped | No need repair, connected with the private pond.(FS-11) |
| 14 | | FO-02 | 32 | | | | | 100% | | | Dropped | Outside the rtd. Embankment (FO-02) |
| 15 | | FO-03 | 32 | | | | | 100% | | | Dropped | Sluice no need to repair.(FO-03) |
| 16 | | FO-04 | 32 | | | | | 100% | | | Dropped | Outside the rtd. Embankment (FO-04) |
| 17 | | FO-05 | 32 | | | | | 100% | | | Dropped | Outside the rtd. Embankment (FO-05) |
| 18 | | FO-06 | 32 | | | | | 100% | | | Dropped | Outside the rtd. Embankment (FO-06) |
| 19 | | FH-9 | 32 | | | | | 100% | | | Dropped | Engulf due of river erosion.(FH-09) |
| 20 | | FS-02 | 33 | | | | | 100% | Y | | Dropped | Private structure, repair not needed. (FH-02) |
| 21 | | FS-12 | 33 | | | | | 100% | N | NA | Dropped | Private structure, repair not needed. (FH-02) |
| 22 | FS | FS-13 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Structural work completed. Installation of get yet to be done. |
| 23 | FS | FS-15 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Structural work completed. Installation of get yet to be done. |
| 24 | FS | FS-16 | 33 | 100% | 100% | 100% | 100% | 100% | N | NA | | Structural work completed. Installation of get yet to be done. |
| 25 | | FS-18 | 33 | | | | | 100% | Y | | Dropped | Private structure, repair not needed. (FH-18) |
| 26 | FS | FS-03 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 27 | FS | FS-10 | 35/1 | 100% | 100% | 100% | 100% | 100% | N | NA | | Gate installed but not commissioned. |
| 28 | FS | FS-20 | 35/1 | | | | | 0% | N | NA | | Not feasible to repair,need to be replaced. |
| 29 | FS | FS-02 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |
| 30 | FS | FS-07 | 35/3 | 100% | 100% | 100% | 100% | 100% | N | NA | | work completed |

Table 3-48: Detailed Information of Slope Protection Works of Package-1

| # | Polder # | Length (Km) | Starting Chainage (Km) | End Chainage (Km) | LA Problem | LA - Current Status | Mobilization | Production of CC Blocks | Placing of CC block | Other related work | Completed Length (km) | Status as of 31 August, 2019 | Remarks |
|------------------|--------------|---------------|------------------------|-------------------|------------|---------------------|--------------|-------------------------|---------------------|--------------------|-----------------------|------------------------------|--|
| Package 1 | | | | | | | | | | | | | |
| 1 | 32 | 0.700 | 4.800 | 5.500 | N | NA | 100% | 100% | 100% | 100% | 0.700 | 100% | Work Completed. |
| 2 | 32 | 0.600 | 7.100 | 7.700 | N | NA | 100% | 100% | 100% | 100% | 0.600 | 100% | Work Completed. |
| 3 | 32 | 1.000 | 9.000 | 10.000 | N | NA | 100% | 100% | 100% | 100% | 1.000 | 100% | Rest will be completed after construction of D-10. |
| 4 | 32 | 1.000 | 15.000 | 16.000 | N | NA | | | | | 0.000 | 0% | Retired embankment not yet completed . |
| 6 | 33 | 0.100 | 28.500 | 28.600 | N | NA | 100% | 100% | 100% | 100% | 0.100 | 100% | Work Completed. |
| 10 | 33 | 2.199 | 41.735 | 43.934 | N | NA | 100% | 100% | 100% | 100% | 2.199 | 100% | Work Completed. |
| 11 | 33 | 0.042 | 44.031 | 44.073 | N | NA | 100% | 100% | 100% | 100% | 0.042 | 100% | Work Completed. |
| 12 | 33 | 0.110 | 45.000 | 45.110 | N | NA | 100% | 100% | 100% | 100% | 0.110 | 100% | Work Completed. |
| 13 | 33 | 0.165 | 45.300 | 45.465 | N | NA | 100% | 100% | 100% | 100% | 0.165 | 100% | Work Completed. |
| 14 | 33 | 0.100 | 45.465 | 45.565 | N | NA | 100% | 100% | 100% | 100% | 0.100 | 100% | Work Completed. |
| | 33 | 1.000 | 45.600 | 46.600 | N | NA | 100% | 100% | 100% | 100% | 1.000 | 100% | Work Completed. |
| 15 | 33 | 0.300 | 48.185 | 48.485 | N | NA | 0% | 0% | 0% | 0% | 0.000 | 0% | Retired embankment not yet completed . |
| 18 | 35/1 | 1.000 | 2.300 | 3.300 | N | NA | 30% | 70% | 50% | 15% | 0.578 | 60% | Retired embankment partially done during 2016-2017.Embankment work is in progress. |
| 19 | 35/1 | 1.500 | 3.800 | 5.300 | N | NA | 30% | 70% | 50% | 15% | 0.866 | 60% | Resectioning of embankment not yet completed. |
| 20 | 35/1 | 0.750 | 8.000 | 8.750 | N | NA | 30% | 70% | 50% | 15% | 0.433 | 60% | Resectioning of embankment not yet completed. |
| 21 | 35/1 | 0.500 | 13.200 | 13.700 | N | NA | 25% | 70% | 60% | 10% | 0.289 | 60% | Embankment not yet started. |
| 22 | 35/1 | 3.000 | 14.000 | 17.000 | N | NA | 90% | 100% | 95% | 60% | 2.802 | 94% | Revised shop drawing from km 14.000 to km 17.000 needs to be received from contractor for repairing existing slope protection.Salvage blocks records not yet received from CHWE. |
| 23 | 35/1 | 5.000 | 20.500 | 25.500 | Y | | 80% | 85% | 55% | 30% | 3.630 | 76% | Slope protection work is in progress in between km 22.200 to km23.200 |
| 24 | 35/3 | 0.900 | 39.100 | 40.000 | N | NA | 75% | 100% | 80% | 75% | 0.700 | 95% | work in progress.work reduced to 0.700 m |
| | Total | 19.966 | | | | | | | | | 15.314 | 79.22% | |

Table 3-49: Detailed Information of Bank Protection Works of Package-1

| # | Polder | Length (Km) | Starting Chainage (Km) | End Chainage (Km) | Mobilization | Production of CC Blocks | Placing of CC block | Other related work | Completed Length (km) | Status as of 31 August, 2019 | Remarks |
|-----------|--------|-------------|------------------------|-------------------|--------------|-------------------------|---------------------|--------------------|-----------------------|------------------------------|--|
| Package 1 | | | | | 3% | 83% | 6% | 8% | | | |
| 1 | 32 | 0.750 | 20.493 | 21.243 | 90% | 100% | 90% | 75% | 0.750 | 97% | Work substantially completed. |
| 2 | 32 | 0.500 | 25.450 | 25.950 | 100% | 100% | 99% | 100% | 0.500 | 100% | Work substantially completed. |
| 3 | 32 | 0.750 | 48.824 | 49.574 | 60% | 100% | 79% | 50% | 0.750 | 94% | Dumping work Completed. Work is in Progress. |
| 4 | 33 | 0.200 | 0.000 | 0.200 | 100% | 100% | 100% | 100% | 0.200 | 100% | Completed |
| 5 | 33 | 0.400 | 0.99 | 1.39 | 100% | 100% | 100% | 100% | 0.400 | 100% | Completed |
| 6 | 33 | 0.500 | 17.36 | 17.86 | 100% | 100% | 100% | 100% | 0.500 | 100% | Completed |
| 7 | 33 | 0.300 | 21.58 | 21.88 | 60% | 100% | 90% | 50% | 0.200 | 94% | 200m Dumping & pitching completed. 100m Dumping & pitching not yet done. Pitching block not yet replaced |
| 8 | 35/1 | 0.300 | 0.300 | 0.600 | | | | | 0.000 | 0% | Proposed to shifting from km 3.9 to 4.1. Design and Drawing is approved by Team Leader,CEIP-1.Shop drwing needs to be received from CHWE.Variation needs to be done. |
| 9 | 35/1 | 0.600 | 3.3 | 3.9 | 100% | 100% | 100% | 100% | 0.600 | 100% | Completed |
| 10 | 35/3 | 0.15 | 36.22 | 36.37 | 100% | 100% | 100% | 100% | 0.150 | 100% | Completed |
| Total | | 4.450 | | | | | | | 4.050 | 88.48% | |

Table 3-50: Detailed Information of Construction of Closure Dam of Package-1

| # | Sluice Closure | Polder | Foundation Construction of the Closure | Closing of the Closure | Final protection of the Closure | Weighted % progress (August 19) | LA Problem | LA - Current Status | Remarks |
|--------------------------|----------------|--------|--|------------------------|---------------------------------|---------------------------------|------------|---------------------|------------------|
| Closure Dam Construction | | | | | | | | | |
| 1 | Nalian Closure | 32 | 63% | | | 16% | N | NA | Work in progress |

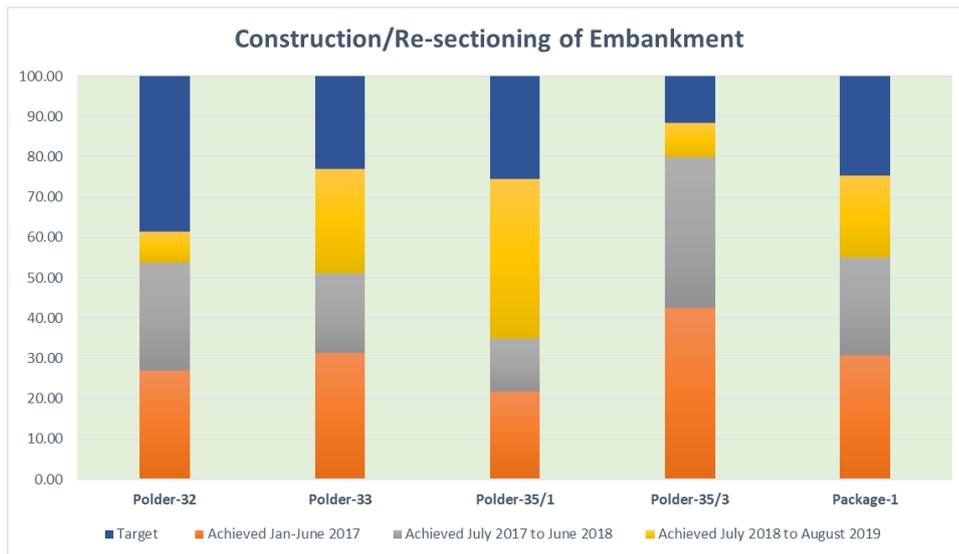


Figure 3-33: Construction/Re-sectioning of Embankment of Package-1

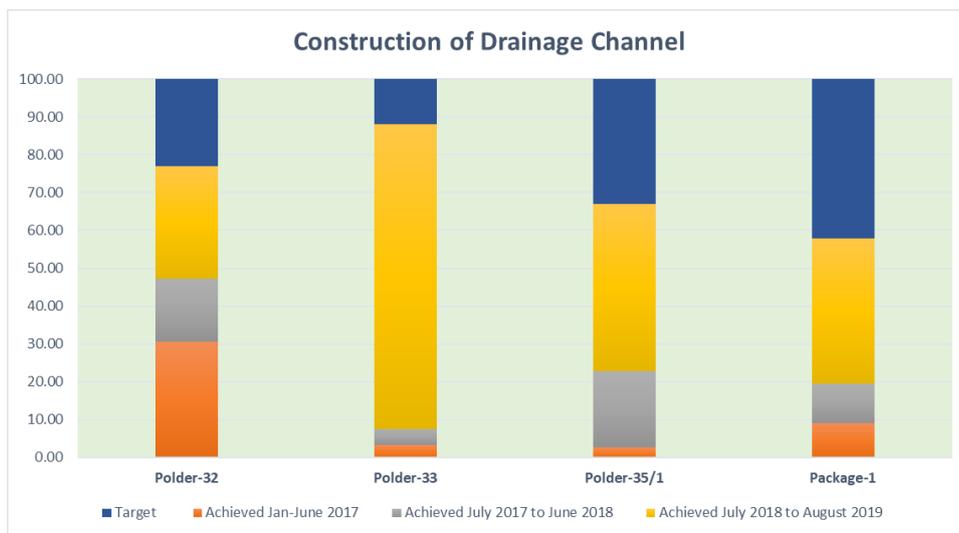


Figure 3-34: Drainage Channel of Package-1

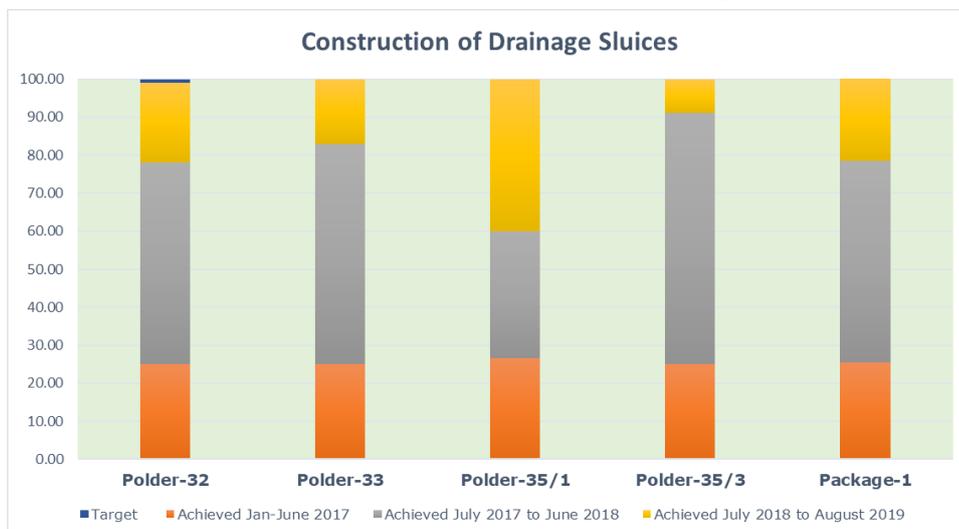


Figure 3-35: Construction of Drainage Sluices of Package-1

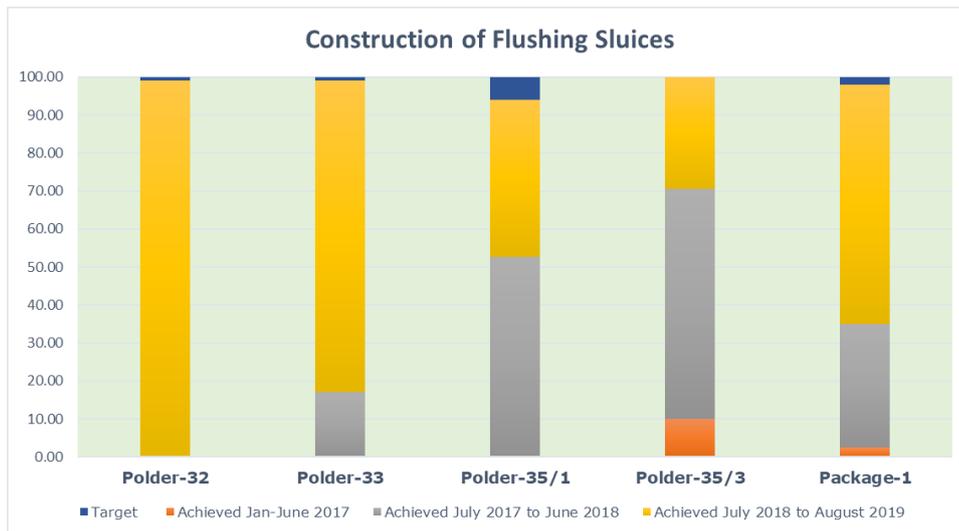


Figure 3-36: Construction of Flushing Sluice of Package-1

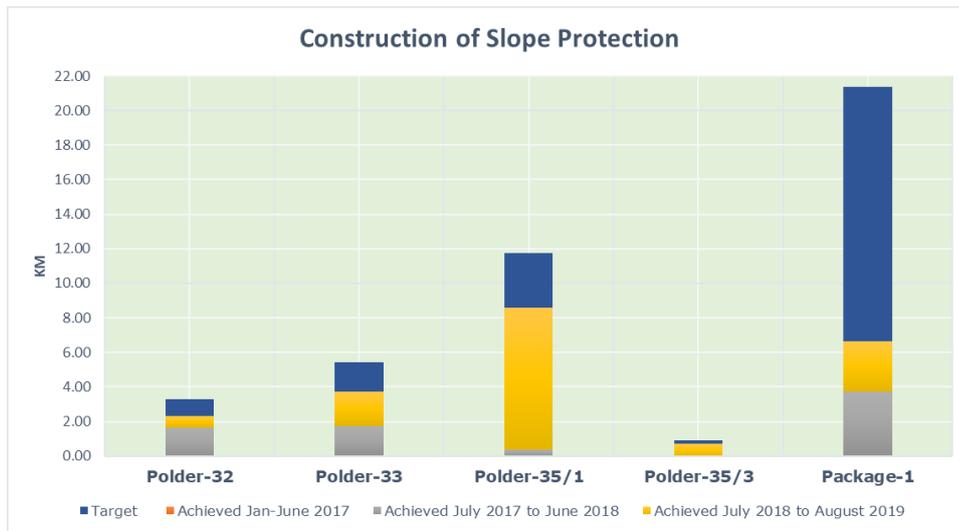


Figure 3-37: Construction of Slope Protection of Package-1

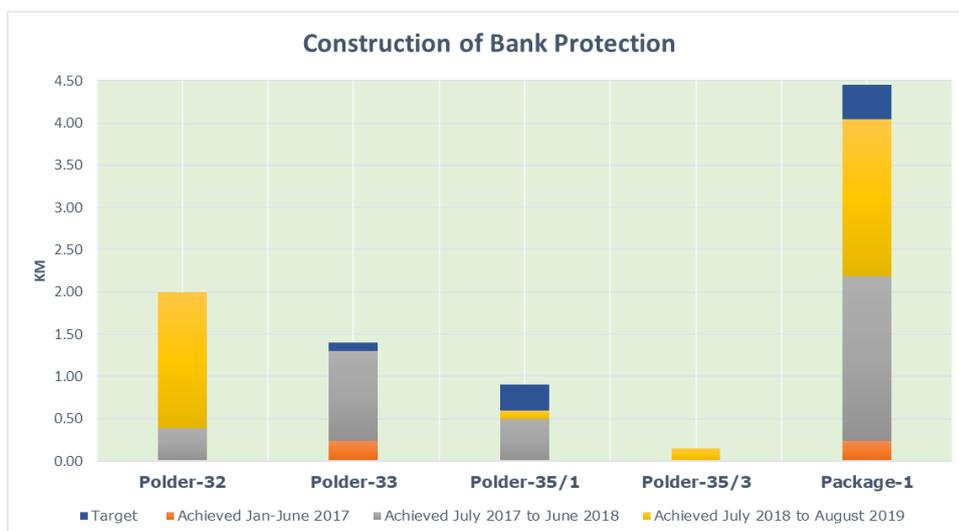


Figure 3-38: Construction of Bank Protection works of Package-1

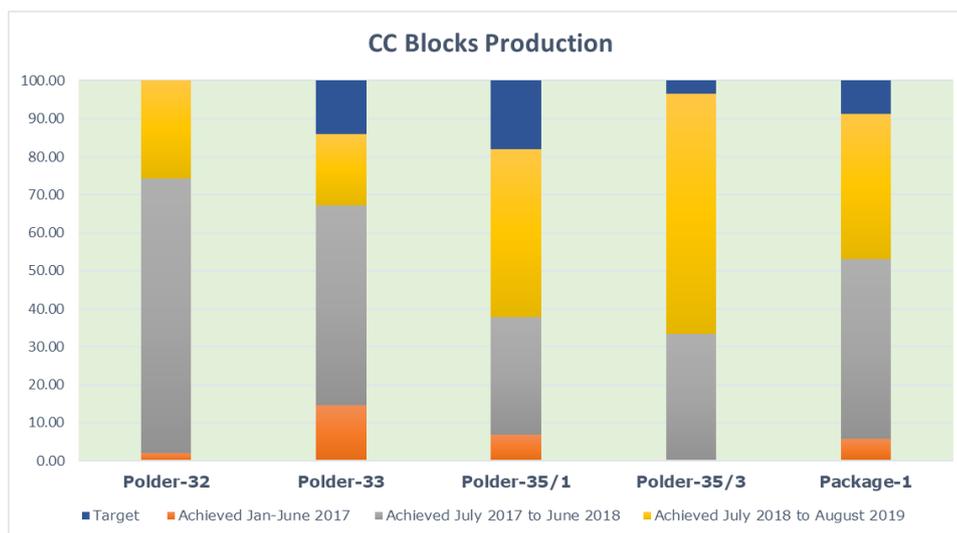


Figure 3-39: CC Blocks Production of Package-1

Table 3-51: Progress as on August 2019

| Item | Unit | Contract Quantity | Status 31 August 2019 | |
|---|------|-------------------|-----------------------------|-----|
| Embankment Construction/Re-sectioning | Km | 200.617 | 146.163 | (F) |
| | | | 22.387 | (P) |
| Drainage Channel Excavation/Re-excavation | Km | 151.210 | 114.770 | (F) |
| Drainage Sluice Construction | No. | 38 | 35 | (F) |
| | | | 3 | (P) |
| Drainage Sluice Repair | No. | 2 | 2 | (F) |
| | | | 0 | (P) |
| Flushing Inlet Construction | No. | 30 | 28 | (F) |
| | | | 1 | (P) |
| Flushing Inlet Repair | No. | 14 | 12 | (F) |
| | | | 1 | (P) |
| Embankment Slope Protection Work | Km | 19.966 | 15.314 | (F) |
| River Bank Protection Work | Km | 4.45 | 4.050 | (F) |
| Closure Dam Construction | No. | 1 | 75% of the foundation works | |

Table 3-52: CC Blocks Production as on August 2019

| S.N. | Polder Number | Estimated Quantity As per Variation Order No. 2 (Updated) | Cumulative Total as of 31 Dec 2016 | Cumulative Total as of 31 August 2017 | Cumulative Total as of 31 July 2019 | Production during August 2019 | | | | | Cumulative Total as of 31 August 2019 |
|------|----------------|---|------------------------------------|---------------------------------------|-------------------------------------|-------------------------------|---------------|---------------|---------------|------------|---------------------------------------|
| | | | | | | 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 | 1,155,600 | 0 | 0 | 0 | 0 | 0 | 1,155,600 |
| 2 | 35/1 | 3,628,073 | 37,398 | 372,432 | 2,760,128 | 0 | 0 | 0 | 0 | 0 | 2,760,128 |
| 3 | 35/3 | 220,567 | 60,620 | 369,555 | 212,954 | 0 | 0 | 0 | 0 | 0 | 212,954 |
| | Total = | 7,386,429 | 178,329 | 1,424,844 | 6,015,522 | 0 | 0 | 0 | 0 | 0 | 6,015,522 |

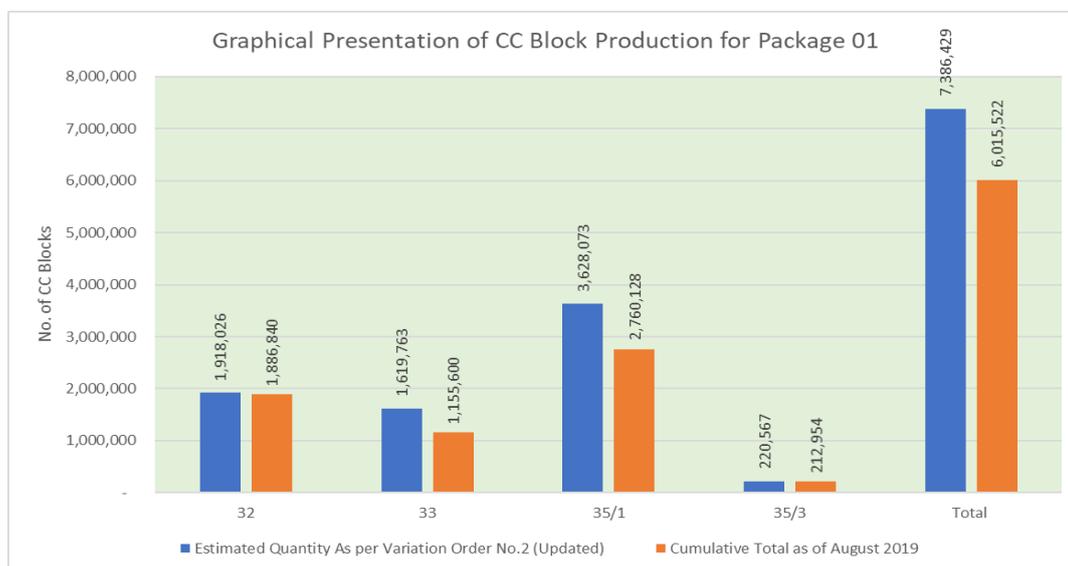


Figure 3-40: Graphical Presentation of CC Block Production for Package-1



Figure 3-41: Completed Embankment in Polder-32



Figure 3-42: Completed Slope Protection Works in Polder-32



Figure 3-43: Completed DS of Polder-32



Figure 3-44: DS-9 of Polder-33



Figure 3-45: DS-10 of Polder-33



Figure 3-46: Completed Slope Protection Works in Polder-32



Figure 3-47: FS-17 of Polder-33



Figure 3-48: DS-5 of Polder-35/1



Figure 3-49: DS-6 of Polder-35/1



Figure 3-50: FS-2 of Polder-35/1



Figure 3-51: FS-13 of Polder-35/1



Figure 3-52: DS-1 of Polder-35/3



Figure 3-53: DS-3 of Polder-35/3



Figure 3-54: 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 3-53 and Table 3-54 below:

Table 3-53: 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 | - |
| Total = | | 30 Nos. | 14 Nos. | 16 Nos. | |

Remaining (30-16) = 14 nos. are in the program out of which 12 nos. have been completed and 1 no. are in progress and remaining 1 no. has not yet started for want of data which are supposed to be supplied by the contractor.

Total 2 nos. of Drainage Sluices under repair have in program and the work of which are in progress and will be completed.

Table 3-54: 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 repair, connected with the private pond. |
| FM-11 | No need 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 | Engulf due of river erosion. |
| FH-18 | Private structure |
| Polder 33 | |
| FS-02 | Private structure, repair not needed. |
| FS-18 | Private structure, repair not needed. |

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

The emergency works under this Package have taken up to close the breaching of existing embankment at some vulnerable locations. The main target of these emergency works was to stop the intrusion of saline water into the Polders to save the crops. In the Contract, there was a provision for an amount under Environmental Mitigation Works (Specified Provisional Sum). After exhaustion of the above-mentioned amount to meet up the cost of the rest emergency works, the expenditures are being meet up from the Physical & Price Contingencies. The status of expenditure up to August 2019 are shown below:

Table 3-55: 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 3-56: Summary of Emergency works under the head of “Physical & Price Contingency”

| Sl. No. | Name of Polder | Total Length | Total Cost Estimate (BDT) |
|----------------|----------------|--------------|---------------------------|
| 01 | Polder-32 | 4.69 | 20,859,866 |
| 02 | Polder-33 | 1.67 | 13,399,272 |
| 03 | Polder-35/1 | 3.22 | 32,609,736 |
| 04 | Polder-35/3 | 2.88 | 8,401,201 |
| Total = | | 12.46 | 75,270,075 |

❖ Total available budget as per Variation Order-04: BDT: 259,934,799.56

Table 3-57: 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 | 2.883 | 3.144 | 0.261 | Gunari of Sutharkhali | 20-Mar-16 | 972,969.00 | 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 | 7.681 | 7.981 | 0.300 | Sutarkhali | 7-May-17 | 1,433,223.43 | Environmental Mitigation Works | FY 2016-17 |
| 6 | Polder-32 | 8.030 | 8.160 | 0.130 | Sutarkhali | 5-Jun-17 | 639,091.00 | Environmental Mitigation Works | FY 2016-17 |
| 7 | Polder-32 | 8.164 | 8.292 | 0.128 | Sutarkhali | 16-Apr-17 | 811,931.00 | Environmental Mitigation Works | FY 2016-17 |
| 8 | Polder-32 | 8.140 | 8.217 | 0.077 | Kalibari | 22-Jan-17 | 256,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 9 | Polder-32 | 8.566 | 8.649 | 0.083 | Sutarkhali | 16-May-17 | 619,153.00 | Environmental Mitigation Works | FY 2016-17 |
| 10 | Polder-32 | 12.393 | 12.693 | 0.300 | Jaynagar | 23-Mar-16 | 1,027,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 11 | Polder-32 | 18.575 | 18.690 | 0.115 | Hatkhola | 20-Apr-16 | 817,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 12 | Polder-32 | 16.680 | 16.900 | 0.220 | Jhaliakhali of Kamarkhola | 23-Mar-16 | 608,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 13 | Polder-32 | 18.840 | 19.960 | 1.120 | Hatkhola | 3-Mar-16 | 817,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 14 | Polder-32 | 19.179 | 19.236 | 0.057 | Kamarkhola | 24-Apr-17 | 460,436.32 | Environmental Mitigation Works | FY 2016-17 |
| 15 | Polder-32 | 30.050 | 30.148 | 0.098 | Sutarkhali | 22-Jun-17 | 7,702,000.00 | Environmental Mitigation Works | 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-32 | 36.155 | 36.232 | 0.077 | Sutarkhali | 24-Apr-17 | 337,118.92 | Environmental Mitigation Works | FY 2016-17 |
| 17 | Polder-32 | 43.118 | 43.147 | 0.029 | Sutarkhali | 24-Apr-17 | 103,342.00 | Environmental Mitigation Works | FY 2016-17 |
| 18 | Polder-32 | 44.561 | 44.931 | 0.370 | Sutarkhali | 20-Mar-16 | 1,039,924.00 | Environmental Mitigation Works | FY 2015-16 |
| 19 | Polder-32 | 44.907 | 44.935 | 0.028 | Sutarkhali | 11-May-17 | 108,959.00 | Environmental Mitigation Works | FY 2016-17 |
| 20 | Polder-32 | 45.062 | 45.100 | 0.038 | Shibsha River | 27-Mar-17 | 631,551.00 | Environmental Mitigation Works | FY 2016-17 |
| 21 | Polder-33 | 0.130 | 0.280 | 0.150 | Banisanta | 2-Jun-16 | 386,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 22 | Polder-33 | 0.600 | 1.300 | 0.700 | Banisanta | 2-Jun-16 | 1,159,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 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 | 17.447 | 17.547 | 0.100 | Ramnagar | 19-Jan-16 | 3,601,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 25 | Polder-33 | 1.220 | 1.332 | 0.112 | Baniashanta | 25-May-17 | 663,558.00 | Environmental Mitigation Works | FY 2016-17 |
| 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 | 48.800 | 48.875 | 0.075 | Banisanta | 15-Mar-16 | 1,175,520.00 | Environmental Mitigation Works | FY 2016-17 |
| 28 | Polder-35/1 | 2.100 | 2.466 | 0.366 | Baleswar | 8-May-17 | 609,128.55 | Environmental Mitigation Works | FY 2016-17 |
| 29 | Polder-35/1 | 20.082 | 20.163 | 0.081 | Sarankhola | 1-Apr-16 | 100,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 30 | Polder-35/1 | 24.430 | 24.500 | 0.070 | Sarankhola | 23-Apr-17 | 1,793,272.30 | Environmental Mitigation Works | FY 2016-17 |
| 31 | Polder-35/1 | 24.703 | 24.864 | 0.161 | Southkhali | 21-Jun-17 | 2,080,957.39 | Environmental Mitigation Works | 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-35/1 | 24.673 | 24.864 | 0.191 | Bogi | 19-Jun-17 | 2,080,957.39 | Environmental Mitigation Works | FY 2016-17 |
| 33 | Polder-35/1 | 63.050 | 63.106 | 0.056 | Morelgonj | 1-Mar-16 | 1,317,000.00 | Environmental Mitigation Works | FY 2015-16 |
| 34 | 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 |
| 35 | Polder-35/3 | 3.394 | 3.494 | 0.100 | MollikerBer | 27-Apr-17 | 418,530.02 | Environmental Mitigation Works | FY 2016-17 |
| 36 | Polder-35/3 | 7.176 | 7.905 | 0.729 | Panchamala of Dema | 22-Mar-16 | 533,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 37 | Polder-35/3 | 9.558 | 9.597 | 0.039 | Panchamala of Dema | 22-Mar-16 | 23,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 38 | Polder-35/3 | 9.815 | 9.887 | 0.072 | Panchamala of Dema | 22-Mar-16 | 34,000.00 | Environmental Mitigation Works | FY 2016-17 |
| 39 | Polder-35/3 | 29.865 | 29.965 | 0.100 | Radhaballab | 27-Mar-16 | 1,070,000.00 | Environmental Mitigation Works | FY 2015-16 |
| Total | | 39 | 39 | 7.62 | | | 39,991,142 | | |

Table 3-58: Detailed of Emergency Works under the head of "Physical & Price Contingencies"

| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------|------------|---------------|-------------|-------------|--|------------------------|-----------------------|------------------------------|------------|
| 1 | Polder-32 | 2.805 | 2.850 | 0.045 | Gunari of Sutharkhali | 7-Jun-18 | 287,852.00 | Physical & Price Contingency | FY 2017-18 |
| 2 | Polder-32 | 2.765 | 2.858 | 0.093 | Gunari of Sutharkhali | 1-Aug-18 | 474,946.00 | Physical & Price Contingency | FY 2018-19 |
| 3 | Polder-32 | 3.093 | 3.633 | 0.540 | Gunari of Sutharkhali | 2-Aug-16 | 277,000.00 | Physical & Price Contingency | FY 2016-17 |
| 4 | Polder-32 | 3.130 | 3.180 | 0.050 | Gunari of Sutharkhali | 11-Sep-17 | 317,883.95 | Physical & Price Contingency | FY 2017-18 |
| 5 | Polder-32 | 3.103 | 3.241 | 0.138 | Gunari of Sutharkhali | 31-Oct-16 | 593,800.00 | Physical & Price Contingency | FY 2016-17 |
| 6 | Polder-32 | 8.060 | 8.100 | 0.040 | Kalibari | 18-Nov-17 | 77,000.00 | Physical & Price Contingency | FY 2018-19 |
| 7 | Polder-32 | 8.321 | 8.414 | 0.093 | Kalibari | 1-May-17 | 530,000.00 | Physical & Price Contingency | FY 2017-18 |
| 8 | Polder-32 | 8.350 | 8.385 | 0.035 | Kalibari | 1-Dec-16 | 60,000.00 | Physical & Price Contingency | FY 2016-17 |
| 9 | Polder-32 | 8.586 | 8.729 | 0.143 | Kamarkhola | 27-Aug-17 | 922,055.59 | Physical & Price Contingency | FY 2017-18 |
| 10 | Polder-32 | 8.600 | 8.670 | 0.070 | Kalibari | 26-Jun-17 | 150,000.00 | Physical & Price Contingency | FY 2017-18 |
| 11 | Polder-32 | 8.650 | 8.713 | 0.063 | Kamarkhola | 6-Jul-17 | 113,492.00 | Physical & Price Contingency | FY 2017-18 |
| 12 | Polder-32 | 13.604 | 13.644 | 0.040 | Sutarkhali | 21-Aug-17 | 311,091.06 | Physical & Price Contingency | FY 2017-18 |
| 13 | Polder-32 | 16.078 | 16.326 | 0.248 | Jhaliakhali of Kamarkhola | 25-Jul-17 | 1,181,802.00 | Physical & Price Contingency | FY 2017-18 |
| 14 | Polder-32 | 16.030 | 16.300 | 0.270 | Jhaliakhali of Kamarkhola | 25-Mar-18 | 1,033,085.00 | Physical & Price Contingency | FY 2017-18 |
| 15 | Polder-32 | 16.078 | 16.326 | 0.248 | Jhaliakhali of Kamarkhola | 28-Sep-17 | 1,154,217.71 | Physical & Price Contingency | FY 2017-18 |
| 16 | Polder-32 | 16.135 | 16.395 | 0.260 | Jhaliakhali of Kamarkhola | 5-Jun-18 | 1,712,969.00 | Physical & Price Contingency | FY 2017-18 |
| 17 | Polder-32 | 16.240 | 16.300 | 0.060 | Jhaliakhali of Kamarkhola | 25-May-18 | 30,358.00 | Physical & Price Contingency | FY 2017-18 |
| 18 | Polder-32 | 16.298 | 16.525 | 0.227 | Jaliakhali | 7-May-16 | 1,200,000.00 | Physical & Price Contingency | FY 2017-18 |
| 19 | Polder-32 | 16.325 | 16.398 | 0.073 | Jaliakhali | 18-Oct-18 | 706,605.00 | Physical & Price Contingency | FY 2018-19 |
| 20 | 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 |

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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 |
|--------|------------|---------------|-------------|-------------|----------------------------|------------------------|-----------------------|------------------------------|------------|
| 21 | Polder-32 | 16.400 | 16.445 | 0.045 | Jhaliakhali of Kamarkhola | 1-Aug-18 | 258,751.00 | Physical & Price Contingency | FY 2018-19 |
| 22 | Polder-32 | 16.504 | 16.592 | 0.088 | Jhaliakhali of Kamarkhola | 4-Jun-18 | 539,967.00 | Physical & Price Contingency | FY 2017-18 |
| 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 | 19.165 | 19.265 | 0.100 | Kamarkhola | 2-Aug-16 | 625,000.00 | Physical & Price Contingency | FY 2017-18 |
| 25 | Polder-32 | 19.141 | 19.277 | 0.136 | Kamarkhola | 22-Aug-17 | 122,307.32 | Physical & Price Contingency | FY 2017-18 |
| 26 | Polder-32 | 24.759 | 24.859 | 0.100 | Sharankhola | 14-Nov-16 | 1,859,614.00 | Physical & Price Contingency | FY 2017-18 |
| 27 | Polder-32 | 25.659 | 25.719 | 0.060 | Kamarkhola | 17-Nov-16 | 415,302.00 | Physical & Price Contingency | FY 2016-17 |
| 28 | Polder-32 | 30.568 | 30.618 | 0.050 | Sutarkhali | 18-Oct-18 | 90,967.00 | Physical & Price Contingency | FY 2018-19 |
| 29 | Polder-32 | 31.345 | 31.387 | 0.042 | Sutarkhali | 27-Apr-17 | 84,867.18 | Physical & Price Contingency | FY 2017-18 |
| 30 | Polder-32 | 36.179 | 36.268 | 0.089 | Sutarkhali | 22-Jun-17 | 164,657.00 | Physical & Price Contingency | FY 2016-17 |
| 31 | Polder-32 | 36.317 | 36.365 | 0.048 | Sutarkhali | 1-Aug-18 | 307,884.00 | Physical & Price Contingency | FY 2018-19 |
| 32 | Polder-32 | 36.225 | 36.341 | 0.116 | Sutarkhali | 11-Aug-18 | 150,000.00 | Physical & Price Contingency | FY 2017-18 |
| 33 | Polder-32 | 41.570 | 41.620 | 0.050 | Sutarkhali | 22-May-18 | 468,884.00 | Physical & Price Contingency | FY 2017-18 |
| 34 | Polder-32 | 43.115 | 43.155 | 0.040 | Thursday Bazar, Sutarkhali | 1-Aug-18 | 129,624.00 | Physical & Price Contingency | FY 2018-19 |
| 35 | Polder-32 | 44.900 | 45.120 | 0.220 | Sutarkhali | 20-Aug-18 | 508,047.00 | Physical & Price Contingency | FY 2018-19 |
| 36 | Polder-32 | 44.957 | 45.083 | 0.126 | Kalabogi | 1-May-16 | 926,000.00 | Physical & Price Contingency | FY 2018-19 |
| 37 | Polder-32 | 44.575 | 44.826 | 0.251 | Kalabogi | 23-Jun-19 | 1,663,527.00 | Physical & Price Contingency | FY 2018-19 |
| 38 | Polder-32 | 45.506 | 45.518 | 0.012 | Kalabogi | 10-May-17 | 32,000.00 | 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-33 | 1.086 | 1.127 | 0.041 | Banishanta | 19-Sep-17 | 432,185.30 | Physical & Price Contingency | FY 2017-18 |
| 41 | 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 |

| 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 |
|--------|-------------|---------------|-------------|-------------|--|------------------------|-----------------------|------------------------------|------------|
| 42 | Polder-33 | 0.005 | 0.060 | 0.055 | Banishanta | 1-Jun-17 | 344,069.00 | Physical & Price Contingency | FY 2016-17 |
| 43 | Polder-33 | 1.070 | 1.116 | 0.046 | Dhangmari | 25-May-17 | 31,798.00 | Physical & Price Contingency | FY 2017-18 |
| 44 | Polder-33 | 1.200 | 1.242 | 0.042 | Baniashanta | 20-Aug-18 | 294,835.00 | Physical & Price Contingency | FY 2018-19 |
| 45 | Polder-33 | 0.235 | 0.280 | 0.045 | Baniashanta | 13-Aug-18 | 416,831.00 | Physical & Price Contingency | FY 2018-19 |
| 46 | Polder-33 | 17.465 | 17.595 | 0.130 | Ramnagar | 1-Aug-16 | 865,000.00 | Physical & Price Contingency | FY 2016-17 |
| 47 | Polder-33 | 21.730 | 21.800 | 0.070 | Dacope | 11-Aug-18 | 464,469.00 | Physical & Price Contingency | FY 2018-19 |
| 48 | Polder-33 | 48.575 | 48.658 | 0.083 | Banishanta | 16-Aug-16 | 594,000.00 | Physical & Price Contingency | FY 2017-18 |
| 49 | Polder-33 | 48.653 | 48.741 | 0.088 | Banisanta | 13-Aug-18 | 1,672,456.00 | Physical & Price Contingency | FY 2018-19 |
| 50 | 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 |
| 51 | Polder-33 | 48.892 | 48.972 | 0.080 | Banisanta | 11-Sep-18 | 497,585.00 | Physical & Price Contingency | FY 2018-19 |
| 52 | Polder-33 | 48.850 | 49.100 | 0.250 | Banisanta | 16-May-18 | 2,480,308.98 | Physical & Price Contingency | FY 2017-18 |
| 53 | Polder-33 | 48.866 | 49.020 | 0.154 | Banisanta | 22-Jul-19 | 1,456,203.79 | Physical & Price Contingency | FY 2019-20 |
| 54 | Polder-33 | 48.868 | 49.087 | 0.219 | Banisanta | 1-Aug-18 | 1,097,128.00 | Physical & Price Contingency | FY 2018-19 |
| 55 | Polder-33 | 48.930 | 49.050 | 0.120 | Banisanta | 24-Aug-16 | 1,780,283.00 | Physical & Price Contingency | FY 2016-17 |
| 56 | Polder-33 | 49.000 | 49.045 | 0.045 | Banisanta | 10-Oct-17 | 324,000.00 | Physical & Price Contingency | FY 2018-19 |
| 57 | Polder-33 | 49.022 | 49.099 | 0.077 | Banisanta | 11-Oct-17 | 337,240.00 | Physical & Price Contingency | FY 2018-19 |
| 58 | Polder-33 | 49.047 | 49.075 | 0.028 | Banisanta | 21-Sep-17 | 310,880.00 | Physical & Price Contingency | FY 2018-19 |
| 59 | Polder-35/1 | 20.020 | 20.308 | 0.288 | Sarankhola | 1-Jul-16 | 2,800,000.00 | Physical & Price Contingency | FY 2017-18 |
| 60 | Polder-35/1 | 23.812 | 24.014 | 0.202 | Southkhali | 24-Apr-18 | 394,032.65 | Physical & Price Contingency | FY 2017-18 |
| 61 | Polder-35/1 | 23.750 | 23.910 | 0.160 | Bagi | 28-Jul-19 | 3,088,391.80 | Physical & Price Contingency | FY 2019-20 |
| 62 | Polder-35/1 | 23.788 | 23.823 | 0.035 | Southkhali | 10-Jan-18 | 290,938.46 | Physical & Price Contingency | FY 2018-19 |
| 63 | Polder-35/1 | 23.967 | 25.190 | 1.223 | Southkhali | 11-Jul-19 | 5,466,200.55 | Physical & Price Contingency | FY 2019-20 |
| 64 | Polder-35/1 | 23.988 | 24.028 | 0.040 | Sarankhola | 24-May-18 | 355,507.00 | 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 |
|--------|-------------|---------------|-------------|-------------|--------------------|------------------------|-----------------------|------------------------------|------------|
| 65 | Polder-35/1 | 23.988 | 24.028 | 0.040 | Sarankhola | 10-Jan-19 | 257,635.10 | Physical & Price Contingency | FY 2018-19 |
| 66 | Polder-35/1 | 24.094 | 24.154 | 0.060 | Sarankhola | 10-Jan-19 | 535,364.22 | Physical & Price Contingency | FY 2018-19 |
| 67 | Polder-35/1 | 24.252 | 24.329 | 0.077 | Southkhali | 29-Jul-18 | 1,961,705.54 | Physical & Price Contingency | FY 2018-19 |
| 68 | Polder-35/1 | 24.273 | 24.340 | 0.067 | Southkhali | 27-Nov-17 | 1,370,419.82 | Physical & Price Contingency | FY 2017-18 |
| 69 | Polder-35/1 | 24.400 | 24.457 | 0.057 | Sarankhola | 1-Aug-16 | 812,000.00 | Physical & Price Contingency | FY 2016-17 |
| 70 | Polder-35/1 | 24.366 | 24.454 | 0.088 | Bagi | 30-Oct-17 | 1,372,087.83 | Physical & Price Contingency | FY 2017-18 |
| 71 | Polder-35/1 | 24.475 | 24.537 | 0.062 | Bagi | 19-Sep-17 | 761,484.52 | Physical & Price Contingency | FY 2016-17 |
| 72 | Polder-35/1 | 24.525 | 24.605 | 0.080 | Bagi | 9-May-18 | 1,539,821.57 | Physical & Price Contingency | FY 2017-18 |
| 73 | Polder-35/1 | 24.594 | 24.666 | 0.072 | Bagi | 30-Oct-17 | 1,352,571.65 | Physical & Price Contingency | FY 2017-18 |
| 74 | Polder-35/1 | 24.815 | 24.913 | 0.098 | Sarankhola | 12-Mar-19 | 2,355,290.74 | Physical & Price Contingency | FY 2018-19 |
| 75 | Polder-35/1 | 24.528 | 24.598 | 0.070 | Sarankhola | 12-Mar-19 | 445,810.12 | Physical & Price Contingency | FY 2018-19 |
| 76 | Polder-35/1 | 24.164 | 24.251 | 0.087 | Sarankhola | 16-May-18 | 1,847,015.74 | Physical & Price Contingency | FY 2017-18 |
| 77 | Polder-35/1 | 23.788 | 23.833 | 0.045 | Sarankhola | | 535,205.00 | Physical & Price Contingency | FY 2018-19 |
| 78 | Polder-35/1 | 24.590 | 24.765 | 0.175 | Southkhali | 12-Sep-18 | 2,063,945.09 | Physical & Price Contingency | FY 2018-19 |
| 79 | Polder-35/1 | 24.759 | 24.859 | 0.100 | Southkhali | 30-Nov-17 | 1,801,033.32 | Physical & Price Contingency | FY 2017-18 |
| 80 | Polder-35/1 | 24.865 | 24.955 | 0.090 | Southkhali | 3-Dec-17 | 1,203,275.08 | Physical & Price Contingency | FY 2017-18 |
| 81 | Polder-35/3 | 0.127 | 0.168 | 0.041 | Molliker Ber | 27-Jul-16 | 550,000.00 | Physical & Price Contingency | FY 2016-17 |
| 82 | Polder-35/3 | 0.130 | 0.170 | 0.040 | Molliker Ber | 7-May-17 | 287,000.00 | Physical & Price Contingency | FY 2017-18 |
| 83 | Polder-35/3 | 2.826 | 2.948 | 0.122 | Molliker Ber | 27-Apr-17 | 408,850.00 | Physical & Price Contingency | FY 2017-18 |
| 84 | Polder-35/3 | 5.500 | 5.570 | 0.070 | Basbaria | 25-Jul-17 | 20,270.00 | Physical & Price Contingency | FY 2018-19 |
| 85 | Polder-35/3 | 7.000 | 7.007 | 0.007 | Panchamala of Dema | 5-Jul-17 | 14,000.00 | 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 |
|--------|-------------|---------------|-------------|-------------|-------------------------------------|------------------------|-----------------------|------------------------------|------------|
| 86 | Polder-35/3 | 9.867 | 9.917 | 0.050 | MollikerBer | 22-Mar-16 | 26,000.00 | Physical & Price Contingency | FY 2016-17 |
| 87 | 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 |
| 88 | Polder-35/3 | 9.900 | 10.050 | 0.150 | Dema | 7-May-17 | 1,046,761.94 | Physical & Price Contingency | FY 2016-17 |
| 89 | Polder-35/3 | 10.000 | 10.040 | 0.040 | Panchamala of Dema | 19-Jul-17 | 45,269.00 | Physical & Price Contingency | FY 2017-18 |
| 90 | Polder-35/3 | 10.040 | 10.085 | 0.045 | Panchamala of Dema | 18-Jul-17 | 51,276.00 | Physical & Price Contingency | FY 2017-18 |
| 91 | Polder-35/3 | 10.085 | 10.120 | 0.035 | Panchamala of Dema | 19-Aug-17 | 39,819.00 | Physical & Price Contingency | FY 2018-19 |
| 92 | Polder-35/3 | 10.120 | 10.160 | 0.040 | Panchamala of Dema | 20-Aug-17 | 45,269.00 | Physical & Price Contingency | FY 2018-19 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | Polder-35/3 | 13.209 | 13.242 | 0.033 | Radhaballab | 8-Oct-16 | 445,000.00 | Physical & Price Contingency | FY 2017-18 |
| 97 | 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 |
| 98 | 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 |
| 99 | Polder-35/3 | 13.110 | 13.148 | 0.038 | Radhabollov | 3-Jun-17 | 379,048.09 | Physical & Price Contingency | FY 2016-17 |
| 100 | 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 |
| 101 | Polder-35/3 | 13.350 | 13.387 | 0.037 | Bagerhat | 18-Sep-17 | 268,708.79 | Physical & Price Contingency | FY 2017-18 |
| 102 | Polder-35/3 | 13.067 | 13.187 | 0.120 | Radhaballab | 27-Mar-16 | 1,120,000.00 | Physical & Price Contingency | FY 2015-16 |
| 103 | Polder-35/3 | 13.573 | 13.610 | 0.037 | Radhaballab | 27-Mar-16 | 123,000.00 | Physical & Price Contingency | FY 2015-16 |

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| SL.No. | Polder No. | Chainage From | Chainage To | Length (Km) | Name of locations | Engineer Approved Date | Estimated Cost in BDT | Head of Expenditure | FY Year |
|--------------|-------------|---------------|-------------|--------------|------------------------------|------------------------|-----------------------|------------------------------|------------|
| 104 | Polder-35/3 | 29.600 | 29.700 | 0.100 | Khagraghat | 26-Aug-17 | 40,395.00 | Physical & Price Contingency | FY 2018-19 |
| 105 | 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 |
| 106 | Polder-35/3 | 30.000 | 30.070 | 0.070 | Rampal | 12-Jun-17 | 17,000.00 | Physical & Price Contingency | FY 2017-18 |
| 107 | Polder-35/3 | 36.625 | 36.665 | 0.040 | Rampal | 31-Aug-16 | | Physical & Price Contingency | FY 2016-17 |
| 108 | Polder-35/3 | 37.130 | 37.325 | 0.195 | MollikerBer | 19-Jul-17 | 30,064.00 | Physical & Price Contingency | FY 2018-19 |
| 109 | Polder-35/3 | 37.500 | 37.550 | 0.050 | Rampal | 17-Jul-17 | 9,543.00 | Physical & Price Contingency | FY 2017-18 |
| 110 | Polder-35/3 | 37.624 | 37.774 | 0.150 | MollikerBer | 17-Jul-17 | 34,000.00 | Physical & Price Contingency | FY 2017-18 |
| 111 | Polder-35/3 | 38.585 | 38.904 | 0.319 | MollikerBer | 28-Aug-16 | 158,010.00 | Physical & Price Contingency | FY 2016-17 |
| 112 | Polder-35/3 | 38.560 | 38.980 | 0.420 | MollikerBer | 20-Jul-17 | 41,290.00 | Physical & Price Contingency | FY 2017-18 |
| Total | | 112 | 112 | 12.46 | | | 75,270,075 | | |

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

3.5.1 Introduction

This MPR covers all major site activities executed in each Polder up to 31 August, 2019. The Contract was signed 8 March 2017 for the execution of Rehabilitation/Reconstruction and upgrading of six Polders in total, namely Polder-39/2C, 40/2, 41/1, 43/2C, 47/2 & 48 under CEIP-1 (Contract No: CEIP-1/W-02)

The contractor completed the administrative work site visits & dossier for the 5% advanced payment and took possession of sites and the employee has paid in total 10% advanced payment to the contractor.

Upon receipt of the total 10% 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.

3.5.2 Physical Progress (Mile Stone Matrix)

Table 3-59: Physical Works of Package-2 as on 31 August 2019

| Item | Unit | Contract Quantity | Tentative Program FY 2019-2020 | | Cumulative upto July, 2019 | | Current Month | | Cumulative upto August, 2019 | |
|---|------|-------------------|--------------------------------|------|----------------------------|---------------------|---------------|---------------------|------------------------------|---------------------|
| | | | Full | Part | Completed | Partially Completed | Completed | Partially Completed | Completed | Partially Completed |
| Embankment Construction/Re-sectioning | Km | 208.710 | 100.00 | 0 | 19.17 | 12.215 | 0.000 | 12.215 | 19.17 | 12.215 |
| | | | | | 9.18% | 25.12% | 0.00% | 25.12% | 9.18% | 25.12% |
| Drainage Channel Excavation/Re-excavation | Km | 154.632 | 100.00 | 0 | 20.07 | 0.000 | 0.000 | 0 | 20.071 | 0 |
| | | | | | 12.98% | - | 0.00% | - | 12.98% | - |
| Drainage Sluice Construction | No. | 50 | 23 | 0 | 0 | 19 | 0 | 19 | 0 | 19 |
| | | | | | 0.00% | 51.68% | 0.00% | 55.13% | 0.00% | 55.13% |
| Drainage Sluice Repair | No. | 6 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| | | | | | 0.00% | 0.08% | 0.00% | 0.08% | 0.00% | 0.08% |
| Flushing Inlet Construction | No. | 50 | 30 | 0 | 0 | 16 | 0 | 16 | 0 | 16 |
| | | | | | 0.00% | 63.15% | 0.00% | 63.15% | 0.00% | 63.15% |
| Flushing Inlet Repair | No. | 30 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 1 |
| | | | | | 0.00% | 0.13% | 3.33% | 0.13% | 3.33% | 0.13% |
| Embankment Slope Protection Work | Km | 9.480 | 5 | 0 | 0.150 | - | 0.100 | - | 0.250 | - |
| | | | | | 1.58% | - | 1.05% | - | 2.64% | - |
| River Bank Protection Work | Km | 4.920 | 3 | 0 | 1.900 | - | 0.000 | - | 1.900 | - |
| | | | | | 38.62% | - | 0.00% | - | 38.62% | - |
| Construction of Road Pavement | Km | 51.00 | 0 | 0 | - | - | - | - | - | - |
| Construction of RCC Flood Wall | Km | 17.00 | 0 | 0 | - | - | - | - | - | - |
| Closure Dam Construction | No. | 8 | 4 | 0 | - | - | - | - | - | - |

Table 3-60: Detailed Information Polder Wise for Package-2

| Summary of Construction DS & FS | | | | | | | | | | | |
|---------------------------------|--------------|--------------|----------------|-----------|--------------|----------------------|--------------|----------------|-----------|--------------|---------------------|
| Package # | Polder No | Number of DS | 100% Completed | Ongoing | Yet to Start | Sluice in operation. | Number of FS | 100% Completed | Ongoing | Yet to Start | Sluice in Operation |
| 2 | 39/2C | 13 | 0 | 2 | 11 | 0 | 21 | 0 | 0 | 21 | 0 |
| | 40/2 | 9 | 0 | 3 | 6 | 0 | 3 | 0 | 3 | 0 | 0 |
| | 41/1 | 10 | 0 | 6 | 4 | 0 | 13 | 0 | 5 | 8 | 0 |
| | 43/2C | 8 | 0 | 1 | 7 | 0 | 7 | 0 | 1 | 6 | 0 |
| | 47/2 | 4 | 0 | 4 | 0 | 0 | 3 | 0 | 3 | 0 | 0 |
| | 48 | 6 | 0 | 3 | 3 | 0 | 3 | 0 | 3 | 0 | 0 |
| | Total | 50 | 0 | 19 | 31 | 0 | 50 | 0 | 15 | 35 | 0 |

| Summary of Repair DS & FS | | | | | | | | | | | |
|---------------------------|--------------|---------------------|----------------|----------|--------------|----------------------|---------------------|----------------|----------|--------------|---------------------|
| Package # | Polder No | Number of Repair DS | 100% Completed | Ongoing | Yet to Start | Sluice in operation. | Number of Repair FS | 100% Completed | Ongoing | Yet to Start | Sluice in Operation |
| Package-2 | 39/2C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 40/2 | 3 | 0 | 1 | 2 | 0 | 11 | 0 | 1 | 10 | 0 |
| | 41/1 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 9 | 0 |
| | 43/2C | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| | 47/2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 48 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | Total | 6 | 0 | 1 | 5 | 0 | 30 | 1 | 1 | 19 | 0 |

| Package No | Polder No | Bank Protection Work Summary | | | Slope Protection Work Summary | | | Drainage Channel Excavation Summary | | | |
|------------|--------------|------------------------------|-----------------------|---------------|-------------------------------|-----------------------|--------------|-------------------------------------|--------------------|-----------------------|---------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | Target Length (Km) | Completed Length (Km) | % Completed | Number of Canals | Target Length (Km) | Completed Length (Km) | % Completed |
| Package 2 | 39/2C | 3.500 | 1.90 | 54.29% | 4.00 | 0.00 | 0.00% | 11 | 57.23 | 0.00 | 0.00% |
| Package 2 | 40/2 | 0.000 | 0.00 | NA | 1.14 | 0.00 | 0.00% | 2 | 4.23 | 1.83 | 43.27% |
| Package 2 | 41/1 | 0.400 | 0.00 | 0.00% | 0.00 | 0.00 | NA | 6 | 23.13 | 2.82 | 12.20% |
| Package 2 | 43/2C | 0.500 | 0.00 | 0.00% | 0.26 | 0.00 | 0.00% | 8 | 28.16 | 2.44 | 8.67% |
| Package 2 | 47/2 | 0.520 | 0.00 | 0.00% | 0.00 | 0.00 | NA | 4 | 9.17 | 9.16 | 99.88% |
| Package 2 | 48 | 0.000 | 0.00 | NA | 4.08 | 0.25 | 6.13% | 9 | 32.72 | 2.82 | 8.63% |
| Package 2 | | 4.920 | 1.90 | 38.62% | 9.48 | 0.25 | 2.64% | 40 | 154.63 | 19.071 | 12.33% |
| | Total | 4.920 | 1.90 | 38.62% | 9.48 | 0.25 | 2.64% | 40 | 154.63 | 19.071 | 12.33% |

| Package No | Polder No | Embankment Construction | | | |
|------------|--------------|-------------------------|-----------------------|--------------|------------------------------|
| | | Target Length (Km) | Completed Length (Km) | % Completed | Partly Completed Length (Km) |
| Package 2 | 39/2C | 59.250 | 0.00 | 0.00% | 0 |
| Package 2 | 40/2 | 34.40 | 2.40 | 6.98% | 3.2 |
| Package 2 | 41/1 | 33.81 | 0.00 | 0.00% | 7.73 |
| Package 2 | 43/2C | 25.70 | 0.00 | 0.00% | 0.6 |
| Package 2 | 47/2 | 17.55 | 16.20 | 92.30% | 0.00 |
| Package 2 | 48 | 38.00 | 0.57 | 1.49% | 0.685 |
| Package 2 | | 208.71 | 19.17 | 9.18% | 12.215 |
| | Total | 208.71 | 19.17 | 9.18% | 12.22 |

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Table 3-61: Detailed Information of Construction of Embankment for Package-2

| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August 2019 | Remarks |
|----------------------|--------|-----------------------|-------------|------------------------|-------------------|---|---------------------------|----------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|----------------------------|--|
| Package 2 | | | | | | | | | | | | | | | | | | |
| Polder-39/2C | | | | | | | | | | | | | | | | | | |
| 1 | 39/2C | Pirgajpur & Jalukathi | 59.250 | 0.000 | 59.250 | New | Yes | Taka Deposited to DC | 1,949,317 | | | | | | 0.00% | 0.00% | 0.00% | Land Problem |
| Total Polder-39/2C = | | | 59.250 | | | | | | 1,949,317 | - | - | - | - | - | | | | |
| Polder-40/2 | | | | | | | | | | | | | | | | | | |
| 1 | 40/2 | Pathargata Mouza | 1.400 | 0.000 | 1.400 | Resectioning | No | Pourashava cc Road | | | | | | | | | | Pourashava cc Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 2 | 40/2 | Pathargata Mouza | 1.700 | 1.400 | 3.100 | Resectioning | Yes | Fund placed to DC | 110,429 | | | | | | | | | Program for next year. |
| 3 | 40/2 | Gohorpur | 1.050 | 3.100 | 4.150 | Resectioning | No | NA | 57,701 | | | | | | | | | Program for next year. |
| 4 | 40/2 | Gohorpur | 1.700 | 4.150 | 5.850 | Resectioning | No | NA | 19,892 | 19,892 | 1.70 | 0.00 | 31,830 | 23,281 | 100.00% | 73.14% | 97.85% | Work in Progress |
| 5 | 40/2 | Gohorpur | 0.100 | 5.850 | 5.950 | Resectioning | No | NA | 2,073 | | | | | | | | | Embankment work will be done with FS-4/1 & near to completion. |
| 6 | 40/2 | Gohorpur | 0.700 | 5.950 | 6.650 | Resectioning | No | NA | 16,002 | 16,002 | 0.70 | 0.00 | 13,106 | 10,175 | 100.00% | 77.64% | 98.21% | Work in Progress |
| 7 | 40/2 | Nijlathimara | 0.850 | 6.650 | 7.500 | Resectioning | No | NA | 18,943 | 4,100 | 0.00 | 0.85 | | 0 | 21.64% | 0.00% | 19.91% | Work in Progress |
| 8 | 40/2 | Nijlathimara | 1.500 | 7.500 | 9.000 | Resectioning | No | NA | 30,937 | | | | | | | | | Program for next year |
| 9 | 40/2 | Tangra Mouza | 1.500 | 9.000 | 10.500 | Resectioning | No | NA | 45,975 | 22,480 | 0.00 | 1.50 | | 0 | 48.90% | 0.00% | 44.98% | Work in Progress |
| 10 | 40/2 | Gapbharia | 1.500 | 10.500 | 12.000 | Resectioning | No | NA | 86,084 | | | | | | | | | Program for next year |
| 11 | 40/2 | Tapalbaria | 0.900 | 12.000 | 12.900 | Resectioning | No | NA | 51,650 | 25,900 | 0.00 | 0.85 | | 0 | 50.15% | 0.00% | 46.13% | Work in Progress |
| 12 | 40/2 | Tapalbaria | 2.300 | 12.900 | 15.200 | Resectioning | Yes | Fund placed to DC | 205,022 | | | | | | | | | Program for next year |
| 13 | 40/2 | Char donai Mouza | 2.300 | 15.200 | 17.500 | Resectioning | No | NA | 222,985 | | | | | | | | | Program for next year |
| 14 | 40/2 | Char donai Mouza | 4.000 | 17.500 | 21.500 | Resectioning | Yes | Fund placed to DC | 321,808 | | | | | | | | | Program for next year |
| 15 | 40/2 | Char donai Mouza | 1.500 | 21.500 | 23.000 | Resectioning | No | NA | 45,963 | | | | | | | | | Program for next year |
| 16 | 40/2 | Char donai Mouza | 4.520 | 23.000 | 27.520 | Resectioning | LGED Road | NA | | | | | | | | | | LGED Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 17 | 40/2 | Hoglapasha | 4.715 | 27.520 | 32.235 | Resectioning | RHD Road | NA | | | | | | | | | | RHD Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 18 | 40/2 | Hatempur & Boraitola | 1.765 | 32.235 | 34.000 | Resectioning | Pourashava Carpeting Road | NA | | | | | | | | | | Pourashava Paved Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 19 | 40/2 | Pathargata Mouza | 0.200 | 34.000 | 34.200 | Resectioning | Pourashava cc Road | NA | | | | | | | | | | Pourashava cc Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| Total Polder-40/2 | | | 34.200 | | | | | | 1,235,465 | 88,374 | 2.40 | 3.20 | 44,936 | 33,456 | | | | |

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| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August 2019 | Remarks |
|---------------------|--------|---------------------------|-------------|------------------------|-------------------|---|-----------------|----------------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|----------------------------|--|
| Polder-41/1 | | | | | | | | | | | | | | | | | | |
| 1 | 41/1 | Ayia Patakata UP | 2.250 | 0.000 | 2.250 | Resectioning | No | N/A | | | | | | | | | | Program for next year. Shop drawing is under process |
| 2 | 41/1 | Burir Char UP | 0.750 | 2.250 | 3.000 | Resectioning | RHD Road | NA | | | | | | | | | | RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 3 | 41/1 | Burir Char UP | 0.270 | 3.000 | 3.270 | Resectioning | No | N/A | | | | | | | | | | Program for next year. Shop drawing is under process |
| 4 | 41/1 | Burir Char UP | 0.355 | 3.270 | 3.625 | Retired | Yes | Taka Deposited to DC | | | | | | | | | | Program for next year. Shop drawing is under process |
| 5 | 41/1 | Burir Char UP | 1.425 | 3.625 | 5.050 | Resectioning | No | N/A | | | | | | | | | | Program for next year. Shop drawing is under process |
| 6 | 41/1 | Burir Char UP | 0.220 | 5.050 | 5.270 | Retired | Yes | Taka Deposited to DC | | | | | | | | | | Program for next year. Shop drawing is under process |
| 7 | 41/1 | Burir Char UP | 7.730 | 5.270 | 13.000 | Resectioning | No | NA | 188,475 | 132,500 | 0.00 | 7.730 | | 0 | 70.30% | 0.00% | 64.68% | Work in Progress |
| 8 | 41/1 | Burir Char UP | 0.466 | 13.000 | 13.466 | Resectioning | No | N/A | 31,238 | | | | | | | | | Program for next year. |
| 9 | 41/1 | Burir Char UP | 0.227 | 13.466 | 13.693 | Retired | Yes | Taka Deposited to DC | 12,938 | | | | | | | | | Program for next year. |
| 10 | 41/1 | Burir Char UP | 0.307 | 13.693 | 14.000 | Resectioning | No | N/A | 15,663 | | | | | | | | | Program for next year. |
| 11 | 41/1 | Burir Char UP | 4.650 | 14.000 | 18.650 | Resectioning | No | N/A | 78,864 | | | | | | | | | Program for next year. |
| 12 | 41/1 | Burir Char UP | 2.050 | 18.650 | 20.700 | Resectioning | Pourashava Road | NA | | | | | | | | | | Pourashava Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 13 | 41/1 | Burir Char UP | 6.560 | 20.700 | 27.260 | Resectioning | RHD Road | NA | | | | | | | | | | RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 14 | 41/1 | Ayia Patakata UP | 6.000 | 27.260 | 33.260 | Resectioning | No | N/A | | | | | | | | | | Program for next year. Shop drawing is under process |
| 15 | 41/1 | Ayia Patakata UP | 0.311 | 33.260 | 33.571 | Resectioning | No | N/A | | | | | | | | | | Program for next year. Shop drawing is under Preparation |
| Total Polder-41/1 | | | 33.571 | | | | | | 327,178 | 132,500 | 0.00 | 7.73 | 0 | 33,456 | | | | |
| Polder-43/2C | | | | | | | | | | | | | | | | | | |
| 1 | 43/2C | Suhari | 0.074 | 0.000 | 0.074 | Resectioning | RHD Road | NA | 2,832 | | | | | | | | | RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 2 | 43/2C | Bauria | 0.826 | 0.074 | 0.900 | Resectioning | Yes | Ministry of Land | 31,612 | | | | | | | | | Program for next year |
| 3 | 43/2C | Bauria | 0.450 | 0.900 | 1.350 | Resectioning | Yes | Waiting for DLAC | 13,945 | 10,500 | 0.00 | 0.400 | | 0 | 75.30% | 0.00% | 69.27% | Work in Progress |
| 4 | 43/2C | Gabua | 0.550 | 1.350 | 1.900 | Resectioning | Yes | Waiting for DLAC | 13,111 | | | | | | 0.00% | | 0.00% | Program for next year |
| 5 | 43/2C | Gabua | 0.200 | 1.900 | 2.100 | Resectioning | Yes | Waiting for DLAC | 5,214 | 2,000 | 0.00 | 0.200 | | | 38.36% | | 35.29% | Work in Progress |
| 6 | 43/2C | Gabua | 1.928 | 2.100 | 4.028 | Resectioning | Yes | Waiting for DLAC | 55,775 | | | | | | 0.00% | 0.00% | 0.00% | Program for next year |
| 7 | 43/2C | Boro Gabua | 0.876 | 4.028 | 4.904 | Resectioning | LGED Road | NA | | | | | | | | | | LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 8 | 43/2C | Boro Gabua | 0.946 | 4.904 | 5.850 | Resectioning | Yes | Waiting for DLAC | | | | | | | | | | Program for next year |
| 9 | 43/2C | Boro Gabua | 1.650 | 5.850 | 7.500 | Resectioning | LGED Road | NA | | | | | | | | | | LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| 10 | 43/2C | Golkhali | 5.376 | 7.500 | 12.876 | Resectioning | Yes | Ministry of Land | | | | | | | | | | Program for next year |
| 11 | 43/2C | East Golkhali | 0.297 | 12.876 | 13.173 | Retired | Yes | Notice Section-4 Served | | | | | | | | | | Program for next year |
| 12 | 43/2C | East Golkhali | 0.165 | 13.173 | 13.338 | Resectioning | Yes | Notice Section-4 Served | | | | | | | | | | Program for next year |
| 13 | 43/2C | East Golkhali | 0.577 | 13.338 | 13.915 | Retired | Yes | Notice Section-4 Served | | | | | | | | | | Program for next year |
| 14 | 43/2C | East Golkhali & Badar pur | 3.855 | 13.915 | 17.770 | Resectioning | Yes | Notice Section-4 Served | | | | | | | | | | Program for next year |
| 15 | | Kalrichar | 0.330 | 17.770 | 18.100 | Resectioning | Yes | Ministry of Land | | | | | | | | | | Program for next year |
| 16 | | Suharinij Char | 3.750 | 18.100 | 21.850 | Resectioning | Yes | Proposal under Preparation | | | | | | | | | | Program for next year |
| 17 | 43/2C | Suharinij Char | 1.310 | 21.850 | 23.160 | Resectioning | Yes | Ministry of Land | | | | | | | | | | Program for next year |
| 18 | 43/2C | Suhari | 1.990 | 23.160 | 25.150 | Resectioning | Yes | Waiting for DLAC | | | | | | | | | | Program for next year |
| 19 | 43/2C | Suhari | 0.355 | 25.150 | 25.505 | RHD Road | RHD Road | NA | | | | | | | | | | RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/52/225 Dated 20.02. 2019 issued by the Project Director. |
| Total Polder-43/2C | | | 25.505 | | | | | | 122,489 | 12,500 | - | 0.600 | - | - | | | | |

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| # | Polder | Location | 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) | Completed full (Km) | Partly Completed (Km) | Required Dressing & Turfing (Sqm) | Completed Dressing and turfing (Sqm) | Completed Earthwork % | Completed Dressing and turfing % | Progress as of August 2019 | Remarks |
|--------------------------|--------|---------------------------------|-------------|------------------------|-------------------|---|------------|-------------------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|-----------------------------------|--------------------------------------|-----------------------|----------------------------------|----------------------------|--|
| Polder-47/2 | | | | | | | | | | | | | | | | | | |
| 1 | 47/2 | Piarpur | 2.000 | 0.000 | 2.000 | Resectioning | No | NA | 9,178 | 9,178 | 2.00 | 0.000 | 14278 | 12061 | 100.00% | 84.47% | 98.76% | Work completed |
| 2 | 47/2 | Piarpur | 0.613 | 2.000 | 2.613 | Retired | Yes | Estimate is under preparation | 21,051 | | | | | | | | | Program for next Year |
| 3 | 47/2 | Piarpur | 1.558 | 2.613 | 4.171 | Resectioning | No | NA | 25,455 | 25,455 | 1.56 | 0.000 | 31631 | 26660 | 100.00% | 84.28% | 98.74% | Work completed |
| 4 | 47/2 | Kichikata | 2.000 | 4.171 | 6.171 | Resectioning | No | NA | 19,573 | 17,616 | 1.83 | 0.000 | 24589 | 20700 | 90.00% | 84.18% | 89.54% | Work completed |
| 5 | 47/2 | Kichikata | 0.518 | 6.171 | 6.689 | Retired | Yes | Estimate is under preparation | 16,397 | | | | | | | | | Program for next year |
| 6 | 47/2 | Kichikata | 0.561 | 6.689 | 7.250 | Resectioning | No | NA | 13,971 | 12,547 | 0.56 | 0.000 | 41230 | 35001 | 89.81% | 84.89% | 89.41% | Work completed |
| 7 | 47/2 | Thankhola | 10.250 | 7.250 | 17.500 | Resectioning | No | NA | 65,496 | 58,946 | 10.25 | 0.000 | 102511 | 86500 | 90.00% | 84.38% | 89.55% | Work completed |
| Total Polder-47/2 | | | 17.500 | | | | | | 171,121 | 123,742 | 16.20 | 0.00 | 214,239 | 180,922 | | | | |
| Polder-48 | | | | | | | | | | | | | | | | | | |
| 1 | 48 | Khajura | 0.534 | 0.000 | 0.534 | Resectioning | No | NA | 11,475 | | | | | | | | | Program for next year. |
| 2 | 48 | Tolatoli, Chapali & Char Chapli | 15.600 | 0.534 | 16.134 | Resectioning | LGED Road | NA | | | | | | | | | | LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 3 | 48 | Char Chapali | 0.316 | 16.134 | 16.450 | Resectioning | No | NA | 5,513 | 5,513 | 0.316 | 0.000 | | 0 | 100.00% | 0.00% | 92.00% | Work in Progress |
| 4 | 48 | Ashakhali | 0.685 | 16.450 | 17.135 | Resectioning | No | NA | 114,878 | 71,500 | 0.00 | 0.685 | | 0 | 62.24% | 0.00% | 57.26% | Work in Progress |
| 5 | 48 | Ashakhali | 12.315 | 17.135 | 29.450 | Resectioning | No | NA | 1,344,805 | | | | | | | | | Program for next year |
| 6 | 48 | Kuakata Beach | 0.825 | 29.450 | 30.275 | Resectioning | LGED Road | NA | 32,390 | | | | | | | | | LGED Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director |
| 7 | 48 | Do | 0.180 | 30.275 | 30.455 | Resectioning | RHD Road | NA | 7,067 | | | | | | | | | RHD Carpeting Road. Work is under suspension as per letter no CEIP-1/S2/225 Dated 20.02. 2019 issued by the Project Director. |
| 8 | 48 | Do | 3.845 | 30.455 | 34.300 | Resectioning | No | NA | 199,601 | | | | | | | | | Program for next year |
| 9 | 48 | Do | 0.250 | 34.300 | 34.550 | Resectioning | No | NA | 25,871 | 25,871 | 0.250 | | | 0 | 100.00% | 0.00% | 92.00% | Work in Progress |
| 10 | 48 | Khajura | 3.475 | 34.525 | 38.000 | Resectioning | No | NA | 273,065 | | | | | | | | | Program for next year |
| Total Polder-48 | | | 38.025 | | | | | | 2,014,665 | 102,884 | 0.566 | 0.685 | - | | | | | |
| Grand Total of Package-2 | | | 208.05 | | | | | | 5820234.70 | 460000.00 | 19.17 | 12.22 | 259,175.00 | | | | | |

N.B: The progress of Construction / Re-Sectioning of Embankment in Package-2 is in a preliminary stage for Land Problem. Hence, the chainages of embankment so far started has been incorporated in the above table and the remaining chainage may be treated as untouched.

Table 3-62: Detailed Information of Construction of Drainage Channel for Package-2

| # | Polder | Name of Khal | Length (Km) | Completed Length (km) | Required Quantity (Cum) | Achieved Quantity (Cum) | Status as of August 2019 | Remarks |
|------------------|--------|---------------------|---------------|-----------------------|-------------------------|-------------------------|--------------------------|--|
| Package 2 | | | | | | | | |
| 1 | 39/2C | Chokeydev Khal | 5.50 | 0.000 | 28453.29 | | 0% | Proposed DS have still not completed for which the connecting diversion channel has not yet been taken up. |
| 2 | 39/2C | Pona Khal | 20.00 | 0.000 | 102282.25 | | 0% | Do |
| 3 | 39/2C | Bakshi Khal Br. 2 | 3.00 | 0.000 | 15519.98 | | 0% | Do |
| 4 | 39/2C | Dasher Khal | 3.75 | 0.000 | 19399.97 | | 0% | Do |
| 5 | 39/2C | Juniher Khal | 3.00 | 0.000 | 15519.98 | | 0% | Do |
| 6 | 39/2C | Teli Khali Khal | 4.50 | 0.000 | 23279.97 | | 0% | Do |
| 7 | 39/2C | Chakluia Khal | 5.50 | 0.000 | 28453.29 | | 0% | Do |
| 8 | 39/2C | Hetalia Khal | 3.50 | 0.000 | 18106.64 | | 0% | Do |
| 9 | 39/2C | Nodmollar Khal | 4.00 | 0.000 | 20693.30 | | 0% | Do |
| 10 | 39/2C | Dagrey Khal | 2.00 | 0.000 | 10346.65 | | 0% | Do |
| 11 | 39/2C | Bauner Khal | 2.48 | 0.000 | 12829.85 | | 0% | Do |
| 12 | 40/2 | Mutainer Khal | 2.40 | 0.000 | 42571.38 | | 0% | Program for next year |
| 13 | 40/2 | Keoratala Khal | 1.83 | 1.830 | 36574.00 | 35,558.00 | 100% | Work in Progress |
| 14 | 41/1 | Lobongla Khal | 4.073 | 0.000 | 14393.64 | | 0% | Next year program |
| 15 | 41/1 | Charnalar Khal | 1.260 | 1.110 | 18345.000 | 16,323.00 | 88% | Work in Progress |
| 16 | 41/1 | Burirchar Khal | 6.930 | 0.000 | 38439.50 | | 0% | Next year program |
| 17 | 41/1 | Lobongla Khal Br. 1 | 4.390 | 0.000 | 161561.13 | | 0% | Next year program |
| 18 | 41/1 | Napit Khali Khal | 1.813 | 1.713 | 23564.00 | 21,848.00 | 94% | Work in Progress |
| 19 | 41/1 | Choto Lobongla Khal | 4.667 | 0.000 | 15440.15 | | 0% | Next year program |
| 20 | 43/2C | Chadkokai Khal | 2.540 | 0.000 | | | 0% | Proposed DS have still not completed for which the connecting diversion channel has not yet been taken up. |
| 21 | 43/2C | Jamaluddin Khal | 3.961 | 0.000 | 13549.81 | | 0% | Do |
| 22 | 43/2C | Mushir Khal - 01 | 6.793 | 0.000 | 29157.81 | | 0% | Do |
| 23 | 43/2C | Mushir Khal | 2.448 | 0.000 | 1029.10 | | 0% | Do |
| 24 | 43/2C | Pollar Khal | 2.338 | 0.000 | 8575.83 | | 0% | Do |
| 25 | 43/2C | Rishir Khal | 1.966 | 0.000 | 5145.50 | | 0% | Do |
| 26 | 43/2C | Taltola Khal | 2.440 | 2.440 | 35,930.84 | 35,715.00 | 100% | Work in Progress |
| 27 | 43/2C | Golkhali Khal | 5.669 | 0.000 | 20,736.35 | | 0% | Next year program |
| 28 | 47/2 | Eidkhola Khal | 0.676 | 0.676 | 8,019.00 | 8,019.00 | 100% | Completed |
| 29 | 47/2 | Kichikata Khal | 1.700 | 1.700 | 13,607.00 | 13,607.00 | 100% | Work in Progress |
| 30 | 47/2 | Dhankhola Khal | 4.791 | 4.780 | 53,943.00 | 53,943.00 | 100% | Work in Progress |
| 31 | 47/2 | Piarpur Khal | 2.000 | 2.000 | 29,714.00 | 29,714.00 | 100% | Completed |
| 32 | 48 | Khanjurpara Khal | 7.465 | 0.000 | 95,332.88 | | 0% | Land Problem |
| 33 | 48 | Matiranga Khal | 1.925 | 0.000 | 9,748.59 | | 0% | Next year program |
| 34 | 48 | Loxir Khal | 7.000 | 0.000 | 2,420.00 | | 0% | Next year program |
| 35 | 48 | Nayapara Khal - 1 | 4.057 | 0.000 | 42,061.25 | | 0% | Next year program |
| 36 | 48 | Tolatali Khal | 5.723 | 0.000 | 54,469.25 | | 0% | Next year program |
| 37 | 48 | Charchapali Khal | 2.472 | 2.472 | 26,483.00 | 26,483.00 | 100% | Work in Progress |
| 38 | 48 | Kauarchar Khal | 1.000 | 0.000 | 7,818.25 | | 0% | Next year program |
| 39 | 48 | Kalaipara Khal | 0.350 | 0.350 | 9,547.58 | 9,547.58 | 100% | Work in Progress |
| 40 | 48 | Goramkhula Khal | 2.726 | 0.000 | 30,376.72 | | 0% | Next year program |
| | | Total | 154.63 | 19.071 | 1,143,439.725 | 250,757.580 | | |

Table 3-63: Detailed Information of Construction Status of Drainage Sluice for Package-2

| # | Type of HS | Sluice Name | Folder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation block placing - Gate | CC | Weighted % progress (August 2019) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|------------------------|------------|-------------|--------|--|--|-----------------------------------|---|----|--|---------------|----------------------------|--|---|
| Drainage Sluice | | | | | | | | | | | | | |
| 1 | DS | DS-1 | 39/2C | | | | | | 0.00% | Y | Taka Deposited to DC | | Due to land problem work not yet started |
| 2 | DS | DS-2 | 39/2C | | | | | | 0.00% | Y | do | | Due to land problem work not yet started |
| 3 | DS | DS-3 | 39/2C | | | | | | 0.00% | Y | do | | Due to land problem work not yet started |
| 4 | DS | DS-4 | 39/2C | | | | | | 0.00% | Y | do | | Due to land problem work not yet started |
| 5 | DS | DS-5 | 39/2C | | | | | | 0.00% | Y | do | | Due to land problem work not yet started |
| 6 | DS | DS-6 | 39/2C | | | | | | 0.00% | Y | do | | Due to land problem work not yet started |
| 7 | DS | DS-7 | 39/2C | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 8 | DS | DS-8 | 39/2C | | | | | | 0.00% | Y | Taka Deposited to DC | | Due to land problem work not yet started |
| 9 | DS | DS-9 | 39/2C | | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 10 | DS | DS-10 | 39/2C | | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 11 | DS | DS-11 | 39/2C | | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 12 | DS | DS-12 | 39/2C | 100% | 100% | 99% | | | 84.45% | N | NA | | Work stopped from July, 2018 |
| 13 | DS | DS-13 | 39/2C | | | | | | 0.00% | Y | Taka Deposited to DC | | Land problem issue has not yet been resolved |
| 14 | DS | DS-2 | 40/2 | 100% | 100% | 99% | 25% | | 88.20% | N | NA | | Work in progress |
| 15 | DS | DS-3 | 40/2 | 100% | 100% | 99% | 40% | | 90.45% | N | NA | | Work in progress |
| 16 | DS | DS-5 | 40/2 | 100% | 100% | 99% | | | 84.45% | N | NA | | Work in progress |
| 17 | DS | DS-7 | 40/2 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 18 | DS | DS-7A | 40/2 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 19 | DS | DS-8 | 40/2 | | | | | | 0.00% | Y | Court case | | Due to court case work not yet started |
| 20 | DS | DS-9 | 40/2 | | | | | | 0.00% | N | NA | | Program for next year. |
| 21 | DS | DS-10 | 40/2 | | | | | | 0.00% | N | NA | | Program for next year. |
| 22 | DS | DS-10A | 40/2 | | | | | | 0.00% | Y | Court case | | Due to court case work not yet started |
| 23 | DS | DS-1 | 41/1 | 100% | 100% | 99% | | | 84.45% | N | NA | | Work in progress |
| 24 | DS | DS-2 | 41/1 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 25 | DS | DS-3 | 41/1 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 26 | DS | DS-4 | 41/1 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 27 | DS | DS-5 | 41/1 | 100% | 100% | 100% | 45% | | 91.75% | N | NA | | Work in progress |
| 28 | DS | DS-6 | 41/1 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 29 | DS | DS-7 | 41/1 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 30 | DS | DS-8 | 41/1 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 31 | DS | DS-9 | 41/1 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 32 | DS | DS-10 | 41/1 | | | | | | 0.00% | N | NA | | Program for next year. |
| 33 | DS | DS-1 | 43/2C | | | | | | 0.00% | N | NA | | Program for next dry season |
| 34 | DS | DS-2 | 43/2C | | | | | | 0.00% | Y | Ministry of Land | | Land problem issue has not yet been resolved |
| 35 | DS | DS-3 | 43/2C | | | | | | 0.00% | N | NA | | Program for next year. |
| 36 | DS | DS-4 | 43/2C | | | | | | 0.00% | N | NA | | Program for next dry season |
| 37 | DS | DS-5 | 43/2C | | | | | | 0.00% | N | NA | | Program for next dry season |
| 38 | DS | DS-6 | 43/2C | | | | | | 0.00% | Y | Ministry of Land | | Land & Resettlement issue has not yet been resolved |
| 39 | DS | DS-7 | 43/2C | 100% | 100% | 99% | | | 84.45% | N | NA | | Work in progress |
| 40 | DS | DS-8 | 43/2C | | | | | | 0.00% | N | NA | | Program for next |
| 41 | DS | DS-1 | 47/2 | 100% | 100% | 100% | 50% | | 92.50% | N | NA | | Work in progress |
| 42 | DS | DS-2 | 47/2 | 100% | 100% | 100% | 50% | | 92.50% | N | NA | | Work in progress |
| 43 | DS | DS-3 | 47/2 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 44 | DS | DS-4 | 47/2 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 45 | DS | DS-1 | 48 | 100% | 100% | 100% | 50% | | 92.50% | N | NA | | Work in progress |
| 46 | DS | DS-2/A | 48 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 47 | DS | DS-3/2 | 48 | 100% | 100% | 100% | | | 85.00% | N | NA | | Work in progress |
| 48 | DS | DS-3/3 | 48 | | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 49 | DS | DS-3/4 | 48 | 100% | 100% | 99% | | | 84.45% | N | NA | | Work in progress |
| 50 | DS | DS-6 | 48 | | | | | | 0.00% | Y | Waiting for DLAC | | Land problem issue has not yet been resolved |

Table 3-64: Detailed Information of Construction Status of Flushing Sluice for Package-2

| # | Type of HS | Sluice Name | Polder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation block placing - Gate | Weighted % progress (August 2019) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|-----------------|------------|-------------|--------|--|--|-----------------------------------|---|--|---------------|-------------------------------|--|--|
| Flushing Sluice | | | | | | | | | | | | |
| 1 | FS | FS-1 | 39/2C | | | | | 0.00% | Y | Taka Deposited to DC | | Land problem issue has not yet been resolved |
| 2 | FS | FS-2 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 3 | FS | FS-2/1 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 4 | FS | FS-3 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 5 | FS | FS-5 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 6 | FS | FS-6 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 7 | FS | FS-6/1 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 8 | FS | FS-6/2 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 9 | FS | FS-7 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 10 | FS | FS-8 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 11 | FS | FS-9 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 12 | FS | FS-10 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 13 | FS | FS-11 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 14 | FS | FS-12 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 15 | FS | FS-13 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 16 | FS | FS-14 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 17 | FS | FS-14/1 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 18 | FS | FS-15 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 19 | FS | FS-16 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 20 | FS | FS-17 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 21 | FS | FS-17/1 | 39/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 22 | FS | FS-4/1 | 40/2 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 23 | FS | FS-9 | 40/2 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 24 | FS | FS-10 | 40/2 | 100% | 100% | 99% | | 84.45% | N | NA | | Work in progress |
| 25 | FS | FS-1 | 41/1 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 26 | FS | FS-3 | 41/1 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 27 | FS | FS-6 | 41/1 | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 28 | FS | FS-7 | 41/1 | | | | | 0.00% | Y | | | Resettlement issue has not yet been resolved |
| 29 | FS | FS-8 | 41/1 | 100% | 100% | 100% | 37% | 90.55% | N | NA | | Work in progress |
| 30 | FS | FS-9 | 41/1 | 100% | 100% | 100% | 50% | 92.50% | N | NA | | Work in progress |
| 31 | FS | FS-15 | 41/1 | 100% | 100% | 100% | 25% | 88.75% | N | NA | | Work in progress |
| 32 | FS | FS-21 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 33 | FS | FS-22 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 34 | FS | FS-23 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 35 | FS | FS-24 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 36 | FS | FS-25 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 37 | FS | FS-28 | 41/1 | | | | | 0.00% | Y | | | Re-Settlement problem |
| 38 | FS | FS-1 | 43/2C | | | | | 0.00% | N | NA | | Program for next dry season |
| 39 | FS | FS-1A | 43/2C | 10% | | | | 1.00% | Y | | | Work started but stopped due to land problem |
| 40 | FS | FS-8 | 43/2C | | | | | 0.00% | Y | Notice Section-4 Served | | Land problem issue has not yet been resolved |
| 41 | FS | FS-10 | 43/2C | | | | | 0.00% | Y | Ministry of Land | | Land problem issue has not yet been resolved |
| 42 | FS | FS-12 | 43/2C | | | | | 0.00% | Y | do | | Land problem issue has not yet been resolved |
| 43 | FS | FS-13 | 43/2C | | | | | 0.00% | N | NA | | Program for next year |
| 44 | FS | FS-18 | 43/2C | | | | | 0.00% | Y | Ministry of Land | | Land problem issue has not yet been resolved |
| 45 | FS | FS-1 | 47/2 | 100% | 100% | 100% | 50% | 92.50% | | | | Work stopped from July, 2018 |
| 46 | FS | FS-6 | 47/2 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 47 | FS | FS-7 | 47/2 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 48 | FS | FS-1 | 48 | 100% | 100% | 99% | | 84.45% | N | NA | | Work in progress |
| 49 | FS | FS-3 | 48 | 100% | 100% | 100% | | 85.00% | N | NA | | Work in progress |
| 50 | FS | FS-4 | 48 | 100% | 100% | 99% | | 84.45% | N | NA | | Work in progress |

Table 3-65: Detailed Information of Repair of Drainage & Flushing Sluice for Package-2

| # | Type of HS | Sluice Name | Polder | Preparation cofferdam- excavation- dewatering | Foundation sand piling - Sheet Piles | Structure - Concreting Work | Installation block placing - Gate | CC | Weighted % progress (August 19) | LA Problem | LA - Current Status | Status (Dropped/ Not Dropped) | Remarks |
|-----------------------------------|------------|-------------|--------|--|--|-----------------------------------|---|----|--|---------------|---------------------------|--|--|
| Repair of Drainage Sluices | | | | | | | | | | | | | |
| 1 | DS | DS-1 | 40/2 | | | | | | 0.00% | N | NA | | Work in progress |
| 2 | DS | DS-4 | 40/2 | | | | | | 0.00% | N | NA | | Work in progress |
| 3 | DS | DS-6 | 40/2 | 5% | | | | | 0.50% | N | NA | | Cofferdam excavation work is in progress |
| 4 | DS | DS-3/1 | 48 | | | | | | 0.00% | N | NA | | Work in progress |
| 5 | DS | DS-4 | 48 | | | | | | 0.00% | N | NA | | Resettlement issue has not yet been resolved |
| 6 | DS | DS-5 | 48 | | | | | | 0.00% | N | NA | | Work in progress |
| Repair of Flushing Sluice | | | | | | | | | | | | | |
| 1 | FS | FS-1 | 40/2 | | | | | | 0.00% | N | NA | | Next year Program |
| 2 | FS | FS-2 | 40/2 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 3 | FS | FS-4 | 40/2 | | | | | | 0.00% | | | | Next year Program |
| 4 | FS | FS-6 | 40/2 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 5 | FS | FS-6/1 | 40/2 | | | | | | 0.00% | | | | Next year Program |
| 6 | FS | FS-14 | 40/2 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 7 | FS | FS-16 | 40/2 | | | | | | 0.00% | | | | Next year Program |
| 8 | FS | FS-18 | 40/2 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 9 | FS | FS-19 | 40/2 | 5% | | | | | 0.50% | N | NA | | Work in progress |
| 10 | FS | FS-20 | 40/2 | | | | | | 0.00% | | | | Next year Program |
| 11 | FS | FS-22 | 40/2 | | | | | | 0.00% | | | | Next year Program |
| 12 | FS | FS-2 | 41/1 | 100% | 100% | 100% | 100% | | 100.00% | N | NA | | Work in progress |
| 13 | FS | FS-4 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 14 | FS | FS-5 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 15 | FS | FS-11 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 16 | FS | FS-13 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 17 | FS | FS-16 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 18 | FS | FS-18 | 41/1 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 19 | FS | FS-19 | 41/1 | | | | | | 0.00% | N | NA | | Shop drawing is under process of approval |
| 20 | FS | FS-30 | 41/1 | | | | | | 0.00% | | | | Next year Program |
| 21 | FS | FS-29 | 41/1 | | | | | | 0.00% | N | NA | | Next year Program |
| 22 | FS | FS-2 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 23 | FS | FS-6 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 24 | FS | FS-7 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 25 | FS | FS-9 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 26 | FS | FS-14 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 27 | FS | FS-15 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 28 | FS | FS-16 | 43/2C | | | | | | 0.00% | | | | Next year Program |
| 29 | FS | FS-2 | 47/2 | | | | | | 0.00% | | | | Next year Program |
| 30 | FS | FS-4 | 47/2 | | | | | | 0.00% | | | | Next year Program |

Table 3-66: Detailed Information Slope Protection Work for Package-2

| # | Polder # | Length (Km) | Starting Chainage (Km) | End Chainage (Km) | LA Problem | LA - Current Status | Mobilization | Production of CC Blocks | Placing of CC block | Other related work | Completed Length (km) | Status as of August, 2019 | Remarks |
|-----------|----------|-------------|------------------------|-------------------|------------|----------------------------|--------------|-------------------------|---------------------|--------------------|-----------------------|---------------------------|----------------------------------|
| Package 2 | | | | | | | 3% | 77% | 9% | 11% | | | |
| 1 | 39/2C | 4.000 | 24.000 | 51.000 | Y | Taka Deposited to DC | | | | | 0.000 | 0% | Embankment Construction not done |
| 2 | 40/2 | 0.400 | 1.240 | 1.640 | Y | Fund placed to DC | | | | | 0.000 | 0% | Embankment Construction not done |
| 3 | 40/2 | 0.129 | 12.871 | 13.000 | Y | Fund placed to DC | | | | | 0.000 | 0% | Embankment Construction not done |
| 4 | 40/2 | 0.393 | 13.184 | 13.577 | Y | Fund placed to DC | 100% | 73% | | | 0.000 | 59% | Work in progress |
| 5 | 40/2 | 0.215 | 13.745 | 13.960 | Y | Fund placed to DC | | | | | 0.000 | 0% | Embankment Construction not done |
| 6 | 43/2C | 0.078 | 19.885 | 19.963 | Y | Proposal under Preparation | | | | | 0.000 | 0% | Embankment Construction not done |
| 7 | 43/2C | 0.090 | 19.680 | 19.770 | Y | Proposal under Preparation | | | | | 0.000 | 0% | Embankment Construction not done |
| 8 | 43/2C | 0.093 | 19.460 | 19.553 | Y | Proposal under Preparation | | | | | 0.000 | 0% | Embankment Construction not done |
| 9 | 48 | 0.472 | 30.800 | 31.272 | N | NA | | | | | 0.000 | 0% | Embankment Construction not done |
| 10 | 48 | 0.089 | 31.272 | 31.361 | N | NA | | | | | 0.000 | 0% | Embankment Construction not done |
| 11 | 48 | 0.727 | 31.361 | 32.088 | N | NA | | | | | 0.000 | 0% | Embankment Construction not done |
| 12 | 48 | 2.289 | 32.088 | 34.377 | N | NA | | | | | 0.000 | 0% | Embankment Construction not done |
| 13 | 48 | 0.501 | 34.377 | 34.878 | N | NA | 100% | 100% | 100% | 80% | 0.250 | 98% | Work in progress |
| Total | | 9.476 | | | | | | | | | 0.250 | 12.08% | |

Table 3-67: Detailed Information Bank Protection Work for Package-2

| # | Polder | Length (Km) | Starting Chainage (Km) | End Chainage (Km) | Mobilization | Production of CC Blocks | Placing of CC block | Other related work | Completed Length (km) | Status as of August 2019 | Remarks |
|-----------|--------|-------------|------------------------|-------------------|--------------|-------------------------|---------------------|--------------------|-----------------------|--------------------------|--|
| Package 2 | | | | | 3% | 85% | 9% | 3% | | | |
| 1 | 39/2C | 1.000 | 42.600 | 43.600 | 100% | 85% | 0% | 0% | 0.600 | 75% | Work in progress |
| 2 | 39/2C | 2.500 | 51.500 | 54.000 | 100% | 54% | 36% | 30% | 1.300 | 53% | Work in progress |
| 3 | 41/1 | 0.000 | 3.300 | 3.600 | | | | | 0.000 | 0% | Section is dropped by the Engineer vide memo no. L001994 |
| 4 | 41/1 | 0.000 | 5.050 | 5.225 | | | | | 0.000 | 0% | Section is dropped by the Engineer vide memo no. L001994 |
| 5 | 41/1 | 0.400 | 13.250 | 13.650 | 100% | 37% | | | 0.000 | 34% | Work in progress |
| 6 | 43/2C | 0.500 | 13.420 | 13.920 | | | | | 0.000 | 0% | Next year program |
| 7 | 47/2 | 0.520 | 6.170 | 6.690 | 100% | 39% | | | 0.000 | 36% | Work in progress |
| Total | | 4.920 | | | | | | | 1.900 | 38.62% | |

Table 3-68: 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 (August 19) | 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 |

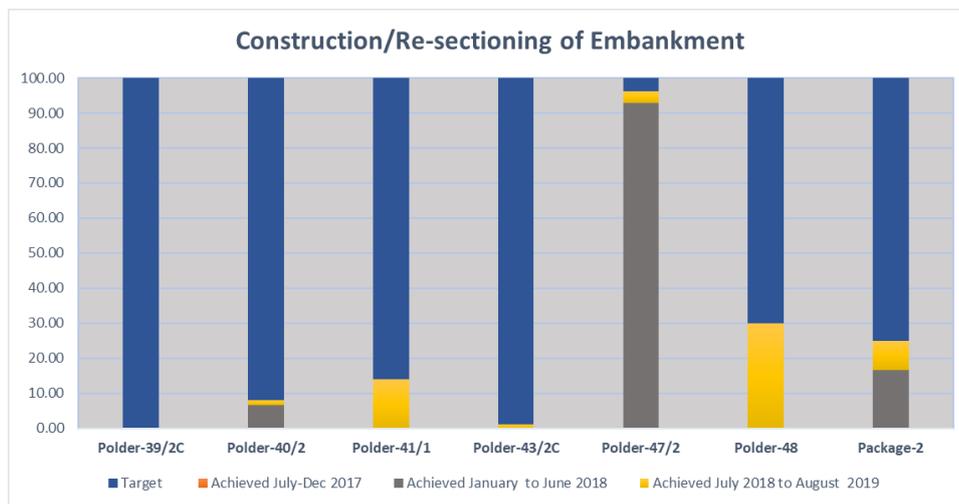


Figure 3-55: Construction / Re-sectioning of Embankment of Package-2

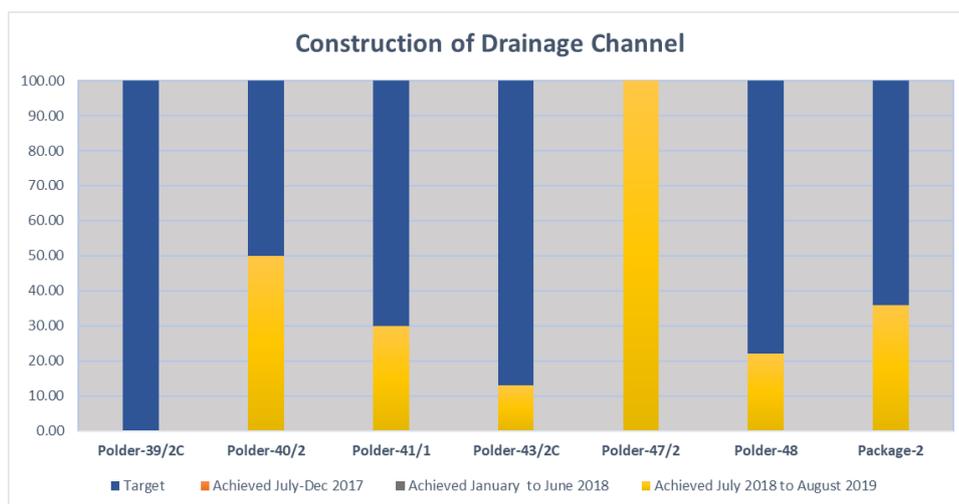


Figure 3-56: Construction of Drainage Channel of Package-2

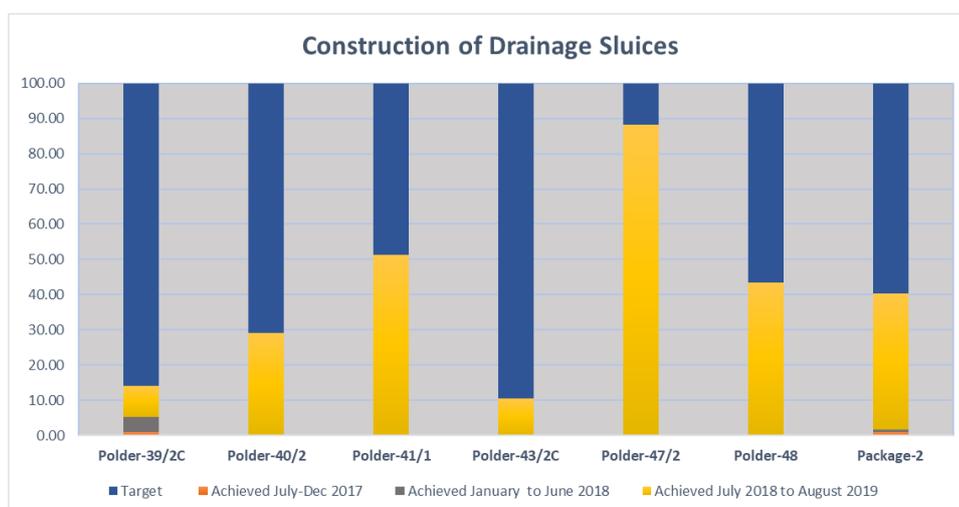


Figure 3-57: Construction of Drainage Sluice of Package-2

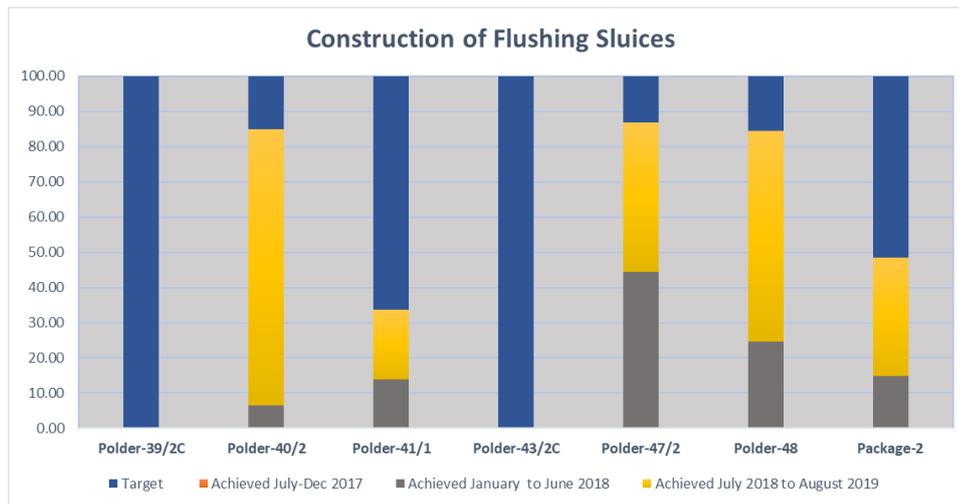


Figure 3-58: Construction of Flushing Sluice of Package-2

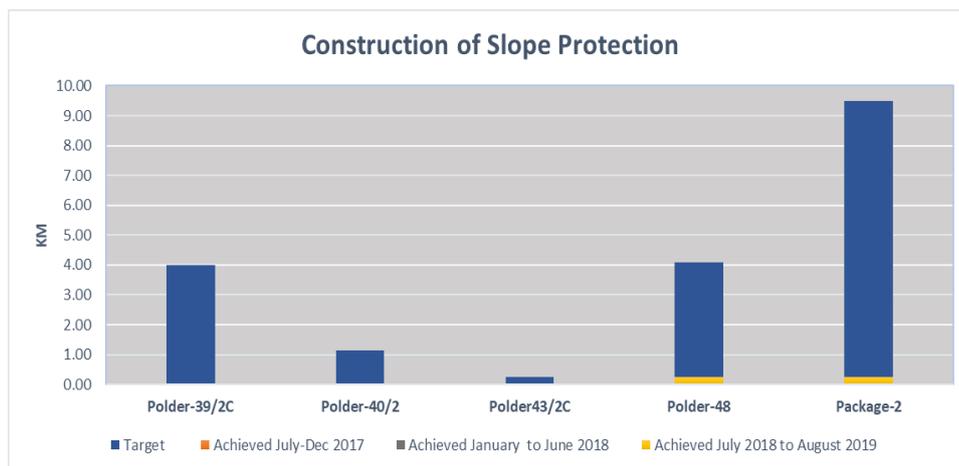


Figure 3-59: Construction of Slope Protection of Package-2

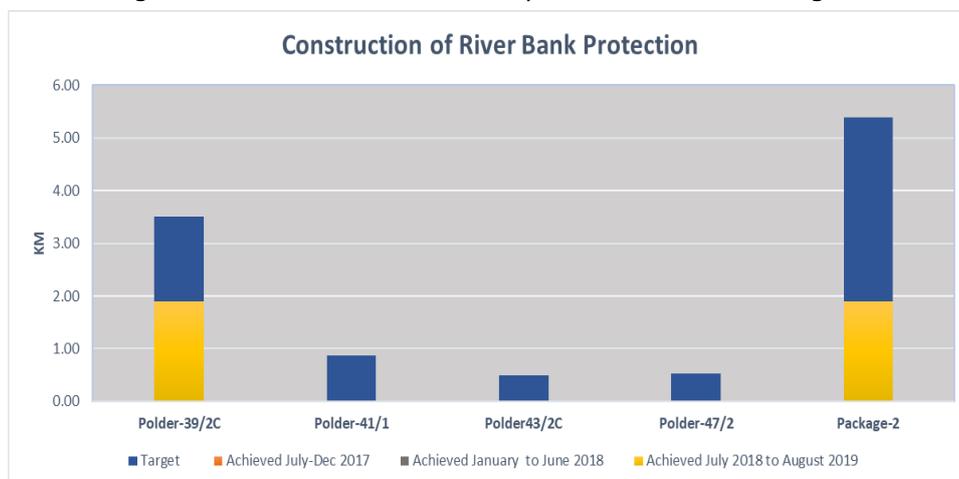


Figure 3-60: Construction of River Bank Protection of Package-2

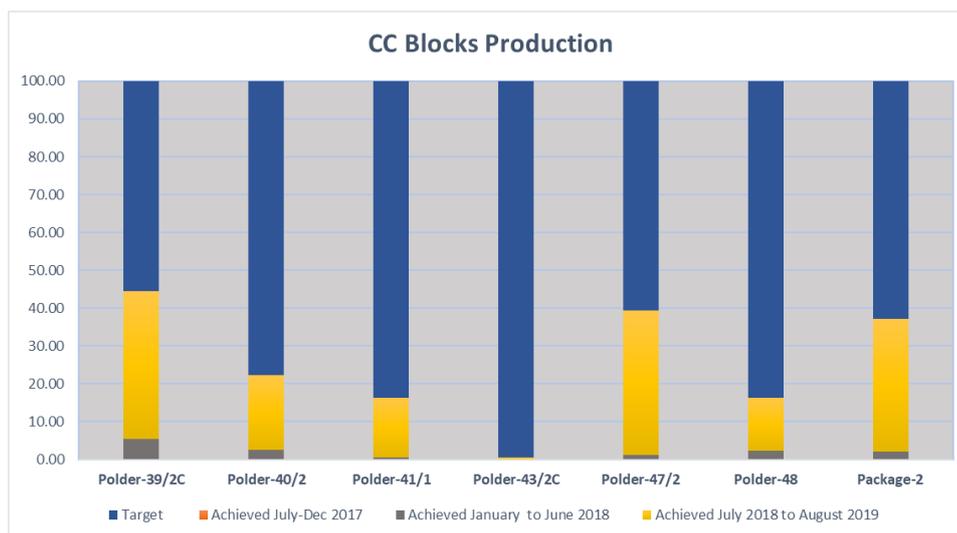


Figure 3-61: CC Blocks Production of Package-2

Table 3-69: Progress of Package-2 as on August 2019

| Item | Unit | Contract Quantity | Status 31 August 2019 |
|---|------|-------------------|-----------------------|
| Embankment Construction/Re-sectioning | Km | 208.710 | 19.17 (F) |
| | | | 12.215 (P) |
| Drainage Channel Excavation/Re-excavation | Km | 154.632 | 20.07 (F) |
| Drainage Sluice Construction | No. | 50 | 0 (F) |
| | | | 19 (P) |
| Drainage Sluice Repair | No. | 6 | 0 (F) |
| | | | 1 (P) |
| Flushing Inlet Construction | No. | 50 | 0 (F) |
| | | | 15 (P) |
| Flushing Inlet Repair | No. | 30 | 1 (F) |
| | | | 2 (P) |
| Embankment Slope Protection Work | Km | 9.480 | 0.25 (F) |
| River Bank Protection Work | Km | 4.920 | 1.900 (F) |
| Construction of Road Pavement | Km | 51.00 | 0.000 |
| Construction of RCC Flood Wall | Km | 17.00 | 0.000 |
| Closure Dam Construction | No. | 8 | 0 |

Table 3-70: CC Blocks Production as on August 2019

| S.N. | Polder Number | Estimated Quantity | Cumulative Total as of 31 Dec 2017 | Cumulative Total as of 31 July 2019 | Production during August 2019 | | | | | Cumulative Total as of 31 August 2019 |
|------|----------------|--------------------|------------------------------------|-------------------------------------|-------------------------------|---------------|---------------|---------------|----------------|---------------------------------------|
| | | | | | 40x40x40 (No) | 40x40x20 (No) | 30x30x30 (No) | 40x40x30 (No) | Total (No) | |
| 1 | 39/2C | 7,598,926 | 0 | 3,208,623 | 168,591 | 0 | 0 | 2 | 168,593 | 3,377,216 |
| 2 | 40/2 | 530,130 | 0 | 107,620 | 6,548 | 0 | 0 | 4659 | 11,207 | 118,827 |
| 3 | 41/1 | 1,153,937 | 0 | 180,314 | 8,290 | 0 | 0 | 0 | 8,290 | 188,604 |
| 4 | 43/2C | 789,700 | 0 | 2,418 | 1,096 | 0 | 1,163 | 0 | 2,259 | 4,677 |
| 5 | 47/2 | 481,717 | 0 | 187,311 | 1,290 | 0 | 0 | 0 | 1,290 | 188,601 |
| 6 | 48 | 867,351 | 0 | 141,623 | 642 | 0 | 0 | 0 | 642 | 142,265 |
| | Total = | 11,421,761 | 0 | 3,827,909 | 186,457 | 0 | 1,163 | 4,661 | 192,281 | 4,020,190 |

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.

Contractor of Package-2 has mobilized its Chinese Engineers and supporting personnel and its local labour force and this will be increasing onward. Shipment of heavy equipment at all sites from China has mainly been done. The deployment list of contractor staff (Chinese People) is appended below in Table 3-71. The Contractor has established their site offices at Bhandaria, Kalapara, Barguna, Patharghata and their field head quarter at Patuakhali.

Table 3-71: Contractor Staffs available in Package-2

| SN | Description | Total Nos. | Dhaka | P'khali | Polder-39/2C | Polder-40/2 | Polder-41/1 | Polder-43/2C | Polder-47/2 | Polder-48 |
|----|------------------|------------|-----------|----------|--------------|-------------|-------------|--------------|-------------|------------|
| 1 | Management | 7 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| 2 | Technical Staff | 82 | 2 | 0 | 40 | 5 | 12 | 4 | 4 | 15 |
| 3 | Admin/Support | 40 | 2 | 0 | 15 | 3 | 10 | 2 | 2 | 6 |
| 4 | Operator/Driver | 148 | 2 | 2 | 80 | 6 | 25 | 6 | 6 | 21 |
| 5 | Skilled Labour | 278 | 0 | 1 | 130 | 15 | 75 | 14 | 11 | 32 |
| 6 | Unskilled Labour | 332 | 4 | 2 | 158 | 15 | 80 | 18 | 13 | 42 |
| | Total= | 887 | 12 | 8 | 425 | 44 | 202 | 44 | 36 | 116 |

3.5.4 Equipment mobilization

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

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

A length of 19.17 km full and 12.02 km Partially Embankment Re-sectioning work has been completed.

Construction of 15 Nos. Flushing Sluices and 19 Nos. Drainage Sluices are in Progress.

Table 3-72: Mobilisation List of Equipment for Package-2

| | Description | Polder: | | | | | | Total | Remarks |
|---------------|------------------------------------|------------|-----------|------------|-----------|------------|------------|------------|------------------|
| | | 39/2C | 40/2 | 41/1 | 43/2C | 47/2 | 48 | | |
| 1 | Bulldozer | 0 | 1 | 1 | 1 | 2 | 2 | 7 | |
| 2 | Excavator | 5 | 9 | 10 | 2 | 3 | 7 | 36 | |
| 3 | Loader | 10 | 3 | 2 | 1 | 2 | 3 | 21 | |
| 4 | Compaction Roller | 1 | 1 | 1 | - | - | 1 | 4 | |
| 5 | Water Tanker | 1 | 1 | 1 | - | 1 | 1 | 5 | |
| 6 | Fork Lift | 61 | - | 2 | - | 1 | 1 | 65 | |
| 7 | Dump Truck | 16 | 14 | 11 | 3 | 8 | 26 | 78 | |
| 8 | Pick Up | 1 | - | 1 | - | - | - | 3 | 1nos. Patuakhali |
| 9 | Light Truck | 2 | - | 1 | - | 1 | - | 4 | |
| 10 | Flat Truck | 3 | 2 | 3 | - | 1 | 2 | 11 | |
| 11 | Crane Truck | 1 | - | - | - | - | - | 1 | |
| 12 | Lorry-Mounted Crane | - | - | 1 | - | 1 | 1 | 3 | |
| 13 | Diesel Tanker | 1 | - | 1 | - | 1 | 1 | 4 | |
| 14 | Hydraulic Breaking Hammer | 1 | - | 1 | - | 1 | - | 3 | |
| 15 | Pile Driver Clamps | 9 | 1 | 2 | - | 2 | 2 | 16 | |
| 16 | Pile Driver | 0 | 4 | 2 | 1 | - | - | 7 | |
| 17 | Belt Conveyor | 6 | - | - | - | 1 | 1 | 8 | |
| 18 | CC Block Manufacturing Machine | 5 | - | - | - | - | - | 5 | |
| 19 | Concrete Transportation Pump | 1 | 2 | - | - | - | 1 | 4 | |
| 20 | Concrete Mixing Plant | 0 | 1 | 1 | - | - | 2 | 4 | |
| 21 | Concrete Mixer | 4 | 9 | 9 | 4 | 12 | 13 | 51 | |
| 22 | Steel Bar Bending Machine | 1 | 1 | 1 | - | 1 | 1 | 5 | |
| 23 | Steel Bar Cutting Machine | 1 | 1 | 1 | - | 1 | 1 | 5 | |
| 24 | Boat | 3 | - | - | - | - | - | 3 | |
| 25 | Tugboat | 3 | - | - | - | - | - | 3 | |
| 26 | Barge | 3 | - | - | - | - | - | 3 | |
| 27 | Motorcycle | 2 | 4 | 1 | 2 | 3 | 4 | 16 | |
| 28 | Generator | 13 | 9 | 11 | 3 | 5 | 9 | 50 | |
| 29 | Air Compressor | 5 | 1 | 1 | 1 | 2 | 2 | 12 | |
| 30 | Level Machine | 1 | 2 | 2 | 1 | 1 | 1 | 8 | |
| 31 | GPS | 2 | 2 | 1 | 2 | 1 | 2 | 10 | |
| 32 | Total Station | 1 | 0 | - | - | - | - | 1 | |
| 33 | Deep Water Measuring Instrument | 1 | 1 | - | - | - | - | 1 | |
| 34 | Submersible Pump | 19 | 16 | 32 | 6 | 25 | 9 | 107 | |
| 35 | Slush Pump | 24 | 3 | 6 | - | 17 | 11 | 61 | |
| 36 | Fresh Water Pump | 30 | 3 | 7 | 21 | 2 | 47 | 110 | |
| 37 | Self-Priming Pump | 11 | - | - | 0 | - | - | 11 | |
| 38 | Single-Cylinder Diesel Engine Pump | 4 | 5 | 10 | 4 | 8 | 2 | 33 | |
| 39 | Business Car | 4 | 1 | 1 | - | - | 1 | 7 | |
| Total: | | 291 | 98 | 123 | 53 | 101 | 155 | 821 | |



Figure 3-62: CC Blocks dumping for slope protection work (KM51+041-53+418) in Polder 39/2C



Figure 3-63: Manufactured CC Blocks piled at the permanent storing yard #A2 in Polder 39/2C



Figure 3-64: Completed section of slope protection work (KM51+041-53+418) in Polder 39/2C



Figure 3-65: Backfilling with sand at DS-8 in Polder 41/1



Figure 3-66: Form work for end sill of DS-05 in Polder 40/2



Figure 3-67: CC Blocks manufacturing at yard #2 (KM13+000) in Polder 41/1



Figure 3-68: Excavation / Re-sectioning for drainage channel of DS-04 (KM0+000-0+260) in Polder 41/1



Figure 3-69: Earth Work for Embankment KM1+000 to Km2+000 in Polder 43 /2C



Figure 3-70: Earth work for embankment KM0+900-1+300 in Polder 43/2C



Figure 3-71: Excavation / Re-sectioning for drainage channel of DS-07 (KM0+000-2+440) in Polder 43/2C



Figure 3-72: Completed Section Drainage Channel for DS-07 in Polder 43/2C



Figure 3-73: Excavation / Re-sectioning for drainage channel of DS-03 in Polder 47/2



Figure 3-74: CC Blocks placing for loose apron (C/S) & slope of DS-01 in Polder 47/2

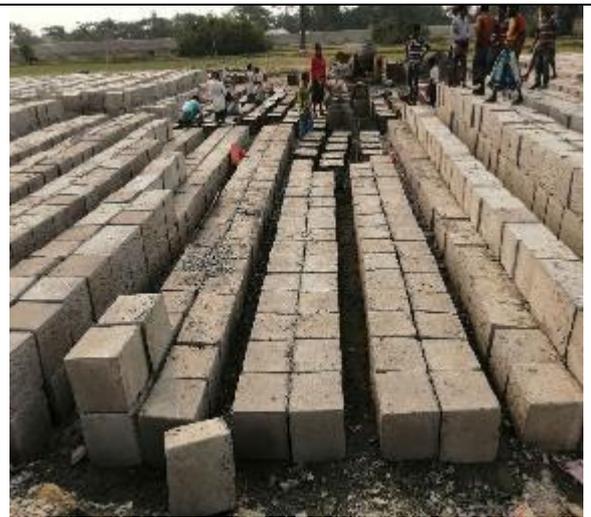


Figure 3-75: CC Blocks manufacturing at yard #1 (KM7+000) in Polder 47/2



Figure 3-76: Discuss with EPs in chainage km 44+000 to km 44+500



Figure 3-77: Back filling for DS-01 in Polder 48



Figure 3-78: Earth work for embankment KM16+134-17+000 in Polder 48



Figure 3-79: Synthetic bags placing for emergency slope protection work 31+280-31+408 in Polder 48

3.5.5 Plans for execution of works

The contractor was advised to proceed with the top priority set of civil works, namely all bank protection works across four Polders (Polder-39/2c, 41/1, 47/2 & 43/2C) during the dry sessions 2017-2020. As per the rate of progress of land availability and land acquisition plans, it is noted that a part of the land acquisition at five Polders (except the Polder-39/2C) does not pose any problem. Execution of re-sectioning work of existing embankment is completed partially completed for the dry season 2017-2018 & 2018-2019 along the alignment of BWDB's acquired Land.

Program for September'2019

Polder-39/2C:

CC block manufacturing yard 1: (A) at Nazmula

- To manufacture monthly scheduled 100, 000 Nos. Of CC blocks of 400 x 400 x 400mm;

CC block manufacturing yard 2: (A1) at Charkhali

- To manufacture monthly scheduled 50,000 Nos. Of CC blocks of 400 x 400 x 400mm;

CC block manufacturing yard 3: (B) at Talikhali

- To manufacture monthly scheduled 100, 000 Nos. Of CC blocks of 400 x 400 x 400mm;

Other Construction

- To complete railing and placing of blocks in loose apron of DS-12 with gates;
- To complete the block placing work of DS-7 with gates;
- CC Blocks dumping: 180,000 nos;

Polder-40/2:

- To installation of gate FS-4/1;
- To manufacture CC Block;
- To complete railing of DS-2, DS-3, DS-4/5, FS-9 & FS-10 and installation of gates;

Polder-41/1:

- To manufacture CC Block;
- To complete railing of DS-1, DS-5, DS-6, DS-8, DS-9 and installation of gates;
- To installation of gates of DS-7, FS-1, FS-3, FS-8, FS-9 & FS-15

Polder-43/2C

- To progress the re-sectioning work of embankment from km 0.900 to km 4.028;
- To progress the construction work of FS-1 (A);
- To complete railing and installation of gates of DS-7;
- To start the manufacturing of CC blocks;

Polder-47/2:

- To installation of gates of DS-1, DS-2, DS-3, DS-4, FS-1, FS-6, FS-7;
- To cast CC Block;

Polder-48:

- To complete railing of DS-3/4, FS-1 & FS-4 and installation of gates;
- To manufacture CC Block;
- To progress the re-sectioning work of embankment from Km 16.000 to Km 17.50;
- To progress the slope protection, work of sea dyke;
- To installation gates of DS-1, DS-3/2 & FS-3

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

3.5.6 Construction of Regional of Building at Patuakhali and others building at Kalapara and Pathorghata

Regional office building at Patuakhali: Contractor has prepared a detailed design of the Regional Office Building at Patuakhali which has been submitted to PMU and approved by PD, PMU, CEIP-1. Approved detailed design has been sent to the contractor to start the building at Patuakhali. and the contractor has been issued a letter to commence construction. The Contractor has started the construction work of Regional office building. The piling work has already been completed and the other construction works are in progress.

Vertical Extension of BWDB's existing office building at Kalapara: The Building has been completed and handed over to the competent authority.

Rest house re-construction at Pathorghata: The process for Re-construction work of Rest House was taken up in due time but kept postponed as per verbal instruction of the Employer. The construction work of Boundary Wall is in progress.

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

3.5.7 Emergency works in Polder-40/2, 41/1, 47/2 & 48:

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.

The contractor collected some Geo-textile bags at site for placing on the river side Slope of embankment but the test result of the Geo-bag did not satisfy the Specification Criteria. Hence those were rejected. Over all progress is 100%

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 palasiding works, which has been completed.

Emergency work in Polder-48:

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



Figure 3-80: Emergency Work of Polder-48

Table 3-73: Summary of Emergency works under the head of “Environmental Mitigation Works”

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

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

Table 3-74: 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 | 0.165 | 1,677,973 |
| 02 | Polder-40/2 | 0 | 0 |
| 03 | Polder-41/1 | 0 | 0 |
| 04 | Polder-43/2C | 0 | 0 |
| 05 | Polder-47/2 | 0.156 | 1,058,490.60 |
| 06 | Polder-48 | 0.668 | 14,774,178.63 |
| Total = | | 0.989 | 17,510,642.23 |

Total available budget as per contract: 500,000,000.00

Table 3-75: Detailed of Emergency Works under the head of "Provisional Sum"

| Sl. No. | Polder No. | Chainage | | Length (Km) | Name of location | Engineer Approved Date | Estimated Cost in BDT | Remarks | Year |
|--------------|--------------|----------|--------|--------------|------------------------|------------------------|-----------------------|---|------------|
| | | From | To | | | | | | |
| 1 | Polder-39/2C | 54.195 | 54.372 | 0.177 | Nadmulla | 16-May-18 | 1,666,992.00 | Environmental Mitigation Work (Specified Provisional Sum) | FY 2017-18 |
| 2 | Polder-40/2 | 12.920 | 12.989 | 0.069 | Tafalbaria Pathorghata | 14-Nov-17 | 2,795,174.46 | Do | FY 2017-18 |
| 3 | Polder-40/2 | 13.215 | 13.411 | 0.196 | Amount 2795174.46 | 14-Nov-17 | | Do | FY 2017-18 |
| 4 | Polder-40/2 | 13.992 | 14.077 | 0.085 | Amount 2795174.46 | 14-Nov-17 | | Do | FY 2017-18 |
| 5 | Polder-41/1 | 5.139 | 5.189 | 0.050 | Burir Char Barguna | 22-Aug-17 | 560,125.89 | Do | FY 2017-18 |
| 6 | Polder-47/2 | 6.168 | 6.618 | 0.450 | Kalapara | 2-Oct-17 | 1,454,046.70 | Do | FY 2017-18 |
| 7 | Polder-47/2 | 6.635 | 6.660 | 0.025 | Kalapara | | 154,515.16 | Do | FY 2017-18 |
| 8 | Polder-47/2 | 6.453 | 6.478 | 0.025 | Kalapara | 15-Jul-18 | 168,575.92 | Do | FY 2017-18 |
| 9 | Polder-47/2 | 31.28 | 31.408 | 0.128 | | | 1,418,282.41 | Do | FY 2017-18 |
| 10 | Polder-47/2 | 34.305 | 34.525 | 0.220 | | | 3,677,570.07 | Do | FY 2017-18 |
| Total | | | | 1.425 | | | 11,895,282.61 | | |

Table 3-76: 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-47/2 | 6.300 | 6.375 | 0.075 | Kalapara | 01-Aug-18 | 555,379.53 | Physical and Price Contingency | FY 2017-18 |
| 3 | Polder-47/2 | 6.550 | 6.592 | 0.042 | Kalapara | 01-Aug-18 | 290,209.45 | Physical and Price Contingency | FY 2017-18 |
| 4 | Polder-47/2 | 6.670 | 6.692 | 0.022 | Kalapara | 01-Aug-18 | 109,704.67 | Physical and Price Contingency | FY 2017-18 |
| 5 | Polder-47/2 | 6.710 | 6.727 | 0.017 | Kalapara | 01-Aug-18 | 103,196.95 | Physical and Price Contingency | FY 2017-18 |
| 6 | Polder-48 | 31.060 | 31.220 | 0.160 | Kuakata | 08-Apr-19 | 2,414,561.67 | Physical and Price Contingency | FY 2017-18 |
| 7 | Polder-48 | 31.280 | 31.408 | 0.128 | Kuakata | 08-Jun-19 | 1,840,849.69 (Revised) | Physical and Price Contingency | FY 2018-19 |
| 8 | Polder-48 | 34.305 | 34.525 | 0.220 | Kuakata | 08-Jun-19 | 8,104,205.60 (Revised) | Physical and Price Contingency | FY 2018-19 |
| Total | | | | 0.989 | | | 15096080.56 | | |

3.5.8 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.

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.

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.

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.

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.

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.

3.5.9 Contract Modifications

The block sizes 60cmx60cmx60cm & 60cmx60cmx40cm have been incorporated in the approved design for the slope protection work of Polder-48. But the provision of these sizes of blocks were not in the Contract BOQ. Hence the Contractor submitted a Variation Order for these new sizes of blocks and the Variation Order was reviewed by the Consultants and a Draft Variation Order was submitted to the PMU. The Project Director has given some observations on the Draft Variation Order. After consultation with the PMU the Variation Order No.1 has been finalized and submitted to PMU on 20 June 2019.

3.5.10 S-Curve of Package-2

The revised work program has been submitted by the Contractor in October 2018. The revised work program has been reviewed by the Consultants and sent to PMU. The S-curve has been prepared based on the revised program and the same has been incorporated in the Monthly Progress Report of August 2019.

3.5.11 Progress on Purchase of vehicles

(A) Purchase of Vehicle (Pkg-2)

- a) Three number Cross Country Vehicle have been procured and delivered to the PD on 26 June 2018.
- b) Two number Pickups and five number Motor Cycles have been procured and delivered to the field office of the Consultants on 10 January 2019.

3.6 Task D: Project Management Support Services

3.6.1 Financial Projection

No data yet were established to show financial disbursements. The preparation of October need stakeholders' discussions/deliberations to determine the figures and numbers. 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\$ 2.50 Million and US\$ 10.38 Million for Package-1 & Package-2 respectively considering extension of time up to June 2020 for Package-1 and completion time January 2021 of Package-2.

The Contractors have submitted the S-curves of Package-1 & 2 based on the revised work program, hence the financial projection has been reflected in the MPR of August 2019. The next IPCs are, however, expected by October 2019 for both the packages.

3.6.2 Monthly Forecast of Payment of Package-W-02:

Table 3-77: Tentative forecast of Payment of Package-2

| IPC No. | Month of Submission | Forecast Value of IPC | Remark |
|--------------|---------------------|-------------------------|--|
| No.04 | Oct. 2018 | 252,984,708.63 | IPC No. 04 was submitted with the value of BDT: 252,984,708.63 which was reviewed by the Consultants and sent to PMU. The Project Director has returned back the IPC No. 4 with some observations. The IPC has been corrected based on the observations and sent to PMU with the recommendation for payment. |
| No.05 | Dec. 2018 | 728,380,000.00 | IPC No. 05 was submitted by the Contractor with the value of BDT: 109,166,283.55 which was reviewed by the Consultants and sent to PMU on 10 January 2019 with the recommendation for payment. |
| No.06 | Jan. 2019 | 229,100,000.00 | IPC No. 06 was submitted by the Contractor with the value of BDT: 441,633,749.60 which was reviewed by the Consultants and sent to PMU on 14 March 2019 with the recommendation for payment. |
| No.07 | Mar. 2019 | 442,400,000.00 | IPC No. 07 was submitted by the Contractor with the value of BDT: 685,706,756.39 which was reviewed by the Engineer and submitted to the Employer on 05 May 2019 with recommendation for payment. |
| No.08 | Apr. 2019 | 237,000,000.00 | IPC No. 08 was submitted by the Contractor with the value of BDT: 642,393,657.07 which was reviewed by the Engineer and submitted to the Employer on 27 June, 2019 with recommendation for payment. |
| No.09 | May 2019 | 244,900,000.00 | IPC No. 09 was submitted by the Contractor with the value of BDT: 302,801,457.58 which was reviewed by the Engineer and submitted to the Employer on 30 June, 2019 with recommendation for payment. |
| No.10 | Jun. 2019 | 244,900,000.00 | |
| Total | | 2,379,664,708.63 | |

3.6.3 Modification of Consultancy Contract

Modified Consultancy Contract No.2 has been approved and signed between the Employer and the Consultants. Some local personnel have already been deployed to the sites of Contract Package-2 and other personnel will be deployed as per requirement. Modified Consultancy Contract No.3 has been under process of submission to the Project Director to consider for smooth running of the Project.

3.6.4 Support to PMU

The same support activities are being provided and enhanced as in the case of Package-1 PMS tasks.

3.7 Consultant Inputs

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

Table 3-78: Overview of Staffing (including Proposed Replacements)

| Description of Staffs | Position | Original Staff | Current Staff | Remarks |
|---------------------------------------|--|------------------------------|---------------------------------|---------|
| A. International Key Staff | Team Leader | Jean Henry Laboyrie | Derk Jan (Dick) Kevelam | |
| | 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 | Mr. Richard David Mann | |
| | 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 | |
| B. International Non-Key Staff | Environmental Specialist | Anders Malgrem Hansen | Anders Malgrem Hansen | |
| | Quantity Surveyor - 2 | Andrew Cook | Andrew Cook | |
| | Sociologist/Resettlement Specialist | Roy Timmer | Dr. Salim Zaman | |
| | Geo-Technical Engineer | Joost van der Schrier | Joost van der Schrier | |
| A. National Key Staff | Estuary and River Morphology Modeler | Bo Brahtz Christensen | Bo Brahtz Christensen | |
| | River and Coastal Expert | Ranjit Galappatti | Ranjit Galappatti | |
| | 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 | |
| A. National Non-Key Staff | Re-settlement Specialist/Sociologist | Kh. Khairul Matin | Md. Zainal Abedin | |
| | Design Engineer | Md. Anwar Hossain Bhuiyan | Md. Anwar Hossain Bhuiyan | |
| | Geo-Technical Engineer | Md. Nurul Islam | Md. Nurul Islam | |
| | Design Engineer | Mr. Mahbubur Rahman | Mr. Mahbubur Rahman | |
| | 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 | | |

| Description of Staffs | Position | Original Staff | Current Staff | Remarks |
|--------------------------|--|--------------------------|--------------------------|---------|
| | Quality Control Specialist - 1 | Md. Abdur Razzaque Khan | Md. Delowar Hossain | |
| | Quality Control Specialist - 2 | Md. Sekendar Ali | Md. Rafiqul Alam | |
| | Procurement / Contract Management Specialist | Md. Tafazzal Ali | Md. Aminur Rahman | |
| | Environmental Specialist | Dr. Quazi Alamgir Kabir | Abu Bakr Siddique | |
| | Resettlement Specialist/Sociologist | Md. Mustafizur Rahman | Md. Mustafizur Rahman | N/A |
| | Land Acquisition Officer | Benu Gopal Dey | Kh. Mahabub Alam | |
| | Geo-Technical and Foundation Specialist | Mizanur Rahman | Ashraf Ul Abedin | N/A |
| | Mechanical Engineer - 1 | Monojit Kumar Bagchi | Monojit Kumar Bagchi | N/A |
| | Mechanical Engineer - 2 | Md. Rashidul Islam | Md. Rashidul Islam | |
| | Agronomist | Dr. Santosh Kumer Sarker | Dr. Santosh Kumer Sarker | N/A |
| | Fisheries Expert | Md. Mokammel Hossain | Md. Mokammel Hossain | N/A |
| | 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 | Md. Badarudduza | Md. Badarudduza | |
| | 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 | |
| | 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 Consultancy Services:

Tentative information on financial forecast of Payment for Consultancy Services is furnished in the Table below:

Table 3-79: Tentative information on financial of payment for DDCS & PMS Consultants

| Invoice No. | Invoice Month | Submission Month | Value of Invoice (BDT) | Remarks |
|-------------------------|-----------------------|------------------|------------------------|---------|
| Local Currency | | | | |
| LC-28 | July-August 19 | October 19 | 24,720,100.00 | |
| LC-29 | September-October 19 | November 19 | 16,000,000.00 | |
| LC-30 | November-December 19 | January 20 | 15000000.00 | |
| LC-31 | January - February 20 | March 20 | 16,000,000.00 | |
| LC-32 | March-April 20 | May 20 | 15,000,000.00 | |
| LC-33 | May-June 20 | June 20 | 15,000,000.00 | |
| Total | | | 101,720,100.00 | |
| Foreign Currency | | | | |
| FC-28 | July-August 19 | October 19 | 50,000.00 | |
| FC-29 | September-October 19 | November 19 | 121,000.00 | |
| FC-30 | November-December 19 | January 20 | 125,000.00 | |
| FC-31 | January - February 20 | March 20 | 120,000.00 | |
| FC-32 | March-April 20 | May 20 | 120,000.00 | |
| FC-33 | May-June 20 | June 20 | 100,000.00 | |
| Total | | | 636,000.00 | |

3.7.3 Finance (Invoices) RHDHV/DDCS&PMS Consultants

Table 3-80: 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 | 0.00 | 06-Oct-15 | 33,150,070.88 | 30-Jun-15 | 27-Sep-15 |
| Invoice No 4 | 206,972.03 | 27-Sep-15 | 02-Dec-15 | 14,332,732.78 | 27-Sep-15 | 29-Nov-15 |
| Invoice No 5 | 169,555.53 | 15-Nov-15 | 10-Dec-15 | 25,991,948.77 | 30-Nov-15 | 10-Jan-16 |
| Invoice No 6 | 74,062.24 | 17-Jan-16 | 04-Feb-16 | 14,590,698.64 | 03-Jan-16 | 27-Jun-16 |
| Invoice No 7 | 201,749.51 | 01-June-16 | 30-Jun-16 | 15,016,503.44 | 19-June-16 | 30-Jun-16 |
| Invoice No 8 | 140,967.65 | 01-June-16 | 30-Jun-16 | 692,718.66 | 19-June-16 | 30-Jun-16 |
| | 0.00 | | | 36,351,389.86 | 19-June-16 | 10-Nov-16 (Partly Paid) |
| Invoice No 9 | 153,881.30 | 30-June-16 | 30-Jun-16 | 19,138,626.07 | 27-Nov-16 | 02-Mar-17 |

| SI No. of Invoices | Payment in EURO | | | Payment in BDT | | |
|--------------------------------|-------------------------|----------------|------------|-----------------------|----------------|----------------------------|
| | Amount invoiced | Date submitted | Date paid | Amount invoiced | Date submitted | Date paid |
| 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 |
| 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 | |
| Invoice No. 24 | 94,865.43 | 01-Jan-19 | | 12,123,246.79 | 11-Feb-19 | 25-Mar-19 |
| Invoice No. 25 | 101,908.93 | 14-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 |
| Total Amount Invoiced = | 2,373,048.52 | | | 604,635,162.52 | | |

¹ Invoice no. 10 (Not full payment)

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

Package-1

| BoQ Item | Activity Name | Unit | Weightage | Weight (Partial) | Name of Work | Unit | Contract Quantity | Actual Quantity | Contract Value as per Var. No.3 (BDT) | Value of Work Executed (BDT) | Expenditure (BDT) | Projection (BDT) | Percentage Completed | Weighted Percentage | Wtg Achvd till 31 August 19 | Status on August 19 |
|------------|---|------|-----------|------------------|---|----------|-------------------|-----------------|---------------------------------------|------------------------------|-------------------|------------------|----------------------|---------------------|-----------------------------|---------------------|
| BoQ No. 1 | General Mobilisation | | 7.52% | | | | | | 496,465,529.00 | 392,412,304 | 414,235,712 | 20,000,000 | 79.04% | 5.948% | 5.948% | 79.04% |
| BoQ No. 2 | Embankment Construction/ Re-sectioning | km | 21.96% | | | cum | 5,877,718 | 4,635,152 | 1,448,823,605.00 | 1,142,538,249 | 1,049,717,774 | 496,262,140 | 78.86% | 17.317% | 17.317% | 78.86% |
| BoQ No. 3 | Drainage Channel Excavation/ Re-excavation | km | 2.18% | | | km | 1,359,203.48 | 1,233,680.62 | 144,057,665.00 | 130,753,895 | 121,866,602 | 81,576,154 | 90.76% | 1.982% | 1.982% | 90.76% |
| BoQ No. 4 | Drainage Sluice Construction | no | 9.89% | | | | | | 668,068,356.80 | 656,358,388 | 602,257,046 | 170,000,000 | | | 9.715% | 98.21% |
| | | | | 0.47% | Casting Block size 40cm x 40cm x 20cm. | no | 106,373 | 99,268 | 30,694,992.88 | 28,644,798 | | | 93.32% | 0.434% | | |
| | | | | 0.34% | Casting Block size 30cm x 30cm x 30cm. | no | 90,898 | 54,158 | 22,142,752.80 | 13,192,860 | | | 59.58% | 0.200% | | |
| | | | | 9.09% | Other Drainage Sluices Construction Works | BDT | 615,230,611 | 614,520,730 | 615,230,611.12 | 614,520,730 | | | 99.88% | 9.081% | | |
| BoQ No. 5 | Drainage Sluice Repair | no | 0.13% | | | | | | 8,401,731.00 | 7,845,972 | 6,785,261 | 8,229,140 | | | 0.119% | 93.39% |
| | | | | 0.02% | Casting Block size 40cm x 40cm x 20cm. | no | 3,747 | 3,497 | 1,081,234.32 | 1,009,016 | 0 | | 93.32% | 0.015% | | |
| | | | | 0.02% | Casting Block size 30cm x 30cm x 30cm. | no | 4,911 | 2,926 | 1,196,319.00 | 712,778 | 0 | | 59.58% | 0.011% | | |
| | | | | 0.09% | Other Drainage Sluices Repair Works | BDT | 6,124,178 | 6,124,178 | 6,124,177.68 | 6,124,178 | 0 | | 100.00% | 0.093% | | |
| BoQ No. 6 | Flushing Inlet Construction | no | 5.70% | | | | | | 378,908,707.59 | 361,818,753 | 273,797,839 | 196,668,139 | | | 5.439% | 95.47% |
| | | | | 0.25% | Casting Block size 40cm x 40cm x 20cm. | no | 56,323 | 52,561 | 16,252,564.00 | 15,167,015 | 0 | | 93.32% | 0.230% | | |
| | | | | 0.28% | Casting Block size 30cm x 30cm x 30cm. | no | 76,019 | 45,293 | 18,518,228.00 | 11,033,334 | 0 | | 59.58% | 0.167% | | |
| | | | | 5.17% | Other Flushing Inlets Construction Works | BDT | 344,137,915.59 | 335,618,404 | 344,137,915.59 | 335,618,404 | 0 | | 97.52% | 5.042% | | |
| BoQ No. 7 | Flushing Inlet Repair | no | 1.25% | | | | | | 82,361,662.08 | 74,572,465 | 15,191,778 | 17,724,174 | | | 1.130% | 90.54% |
| | | | | 0.08% | Casting Block size 40cm x 40cm x 20cm. | no | 17,425 | 16,261 | 5,028,158.00 | 4,692,315 | 0 | | 93.32% | 0.071% | | |
| | | | | 0.13% | Casting Block size 30cm x 30cm x 30cm. | no | 33,966 | 20,237 | 8,274,117.00 | 4,929,797 | 0 | | 59.58% | 0.075% | | |
| | | | | 1.05% | Other Flushing Inlets Repair Works | BDT | 69,059,387 | 64,950,354 | 69,059,387.08 | 64,950,354 | 0 | | 94.05% | 0.984% | | |
| BoQ No. 8 | Embankment Slope Protection Work | km | 21.68% | | | | | | 1,430,472,110.00 | 1,095,962,324 | 1,195,998,401 | 689,628,687 | | | 16.611% | 76.62% |
| | | | | 6.08% | Casting Block size 40cm x 40cm x 40cm. | no | 729,950 | 562,483 | 400,844,743.00 | 308,882,061 | 0 | | 77.06% | 4.682% | | |
| | | | | 9.61% | Casting Block size 40cm x 40cm x 20cm. | no | 2,310,203 | 1,751,597 | 634,312,437.71 | 480,935,959 | 0 | | 75.82% | 7.289% | | |
| | | | | 1.52% | Casting Block size 40cm x 40cm x 30cm. | no | 222,844 | 160,947 | 100,560,583.44 | 72,629,051 | 0 | | 72.22% | 1.101% | | |
| | | | | 4.47% | Other Embankment Slope Works | BDT | 294,754,345.85 | 233,515,252 | 294,754,345.85 | 233,515,252 | 0 | | 79.22% | 3.539% | | |
| BoQ No. 9 | River Bank Protection Work | km | 22.72% | | | | | | 1,498,882,474.37 | 1,266,297,460 | 1,182,839,752 | 513,208,608 | | | 19.193% | 84.48% |
| | | | | 11.12% | Casting Block size 40cm x 40cm x 40cm. | no | 1,335,844 | 1,029,372 | 733,565,236.88 | 565,269,088 | 0 | | 77.06% | 8.568% | | |
| | | | | 1.17% | Casting Block size 40cm x 40cm x 20cm. | no | 282,163 | 213,936 | 77,473,494.91 | 58,740,437 | 0 | | 75.82% | 0.890% | | |
| | | | | 8.27% | Casting Block size 30cm x 30cm x 30cm. | no | 2,110,963 | 1,999,519 | 545,430,610.37 | 516,635,710 | 0 | | 94.72% | 7.831% | | |
| | | | | 0.03% | Casting Block size 40cm x 40cm x 30cm. | no | 4,800 | 3,467 | 2,166,048.00 | 1,564,410 | 0 | | 72.22% | 0.024% | | |
| | | | | 2.13% | Other Bank Protection Works | BDT | 140,247,084 | 124,087,815 | 140,247,084.22 | 124,087,815 | 0 | | 88.48% | 1.881% | | |
| BoQ No. 10 | Dismantling Work | km | 2.03% | | | | | | 133,991,406.00 | 24,605,795 | 15,307,211 | 20,000,000 | | | 0.373% | 18.36% |
| BoQ No. 11 | Closure Dam Construction | km | 2.77% | | | | | | 182,925,081.00 | 34,298,453 | 0 | 0 | | | 0.520% | 18.75% |
| | | | | 0.69% | Foundation Construction of the Closure | BDT | 45,731,270 | 34,298,453 | 45,731,270.00 | 34,298,453 | 0 | | 75.00% | 0.520% | | |
| | | | | 0.55% | Closing of the closure | BDT | 36,585,016 | - | 36,585,016.00 | 0 | 0 | | 0.00% | 0.000% | | |
| | | | | 1.52% | Final Protection Work of the Closure | BDT | 100,608,795 | - | 100,608,795.00 | 0 | 0 | | 0.00% | 0.000% | | |
| | Schedule of Day work | | 0.36% | | | BDT | 23,712,392 | 18,993,034 | 23,712,392.00 | 18,993,034 | 2,593,033 | 1,000,000 | 80.10% | 0.288% | 0.288% | 80.10% |
| | Environmental Mitigation Works | | 0.91% | | | 0.00 BDT | 60,200,000 | 56,491,360 | 60,200,000.00 | 56,491,360 | 55,791,360 | 1,050,000 | 93.84% | 0.856% | 0.856% | 93.84% |
| | Emergency work charge to physical contingencies | | 0.89% | | | BDT | 58,913,141 | 58,913,141 | 58,913,141 | 58,913,141 | 47,221,222 | | 100.00% | 0.893% | 0.893% | 100.00% |
| | Physical and Price Contingencies | | 0.00% | | | BDT | 241,086,859 | 304,075,783 | 241,086,859.00 | 304,075,783 | 312,704,653 | 1,050,000 | 126.13% | 0.000% | | |
| | Temporary Savings | | 0.00% | | | BDT | 111,842,485 | - | 111,842,485.08 | 0 | | | 0.00% | 0.000% | | |
| | | | | | | | | | 6,969,113,205 | 5,625,937,376 | 5,296,307,644 | 2,216,397,041 | | | 80.38% | 80.38% |

Package-2

| BoQ Item | Activity Name | Weightage | Weight (Partial) | Name of Work | Unit | Contract Quantity | Actual Quantity | Contract Value (BDT) | Value of Work Executed (BDT) | Expenditure (BDT) | Projection (BDT) | Percentage Completed | Weighted Percentage | Wtg Achvd on August 19 | Status on August 19 |
|------------|--|-----------|------------------|---|------|-------------------|-----------------|----------------------|------------------------------|-------------------|------------------|----------------------|---------------------|------------------------|---------------------|
| BoQ No. 1 | General Mobilisation | 1.12% | | | | | | 114,147,100.00 | 59,711,566.90 | 49,029,296.00 | 12,442,500.00 | 52.31% | 0.59% | 0.59% | 52.31% |
| BoQ No. 2 | Embankment Construction/ Re-sectioning | 17.31% | | | cum | 7,028,144 | 460,000 | 1,757,533,176.00 | 115,032,540.73 | 40,297,533.88 | 101,051,210.35 | 6.55% | 1.13% | 1.13% | 6.55% |
| BoQ No. 3 | Drainage Channel Excavation/ Re-excavation | 1.56% | | | cum | 1,143,439.73 | 250,757.58 | 191,966,386.45 | 42,098,438.12 | 0.00 | 24,140,343.52 | 21.93% | 0.34% | 0.34% | 21.93% |
| BoQ No. 4 | Drainage Sluice Construction | 14.99% | | | | | | 1,522,573,943.62 | 485,384,654.28 | 26,987,594.69 | 306,955,728.66 | | | 4.78% | 31.88% |
| | | | 0.43% | Casting Block size 40cm x 40cm x 20cm. | no | 163,168 | 5,194 | 43,892,192.00 | 1,397,129.42 | | | 3.18% | 0.01% | | |
| | | | 0.47% | Casting Block size 30cm x 30cm x 30cm. | no | 197,111 | 48,502 | 47,897,973.00 | 11,785,954.40 | | | 24.61% | 0.12% | | |
| | | | 14.09% | Other Drainage Sluices Construction Works | BDT | 1,430,783,779 | 472,201,571 | 1,430,783,778.62 | 472,201,570.46 | | | 33.00% | 4.65% | | |
| BoQ No. 5 | Drainage Sluice Repair | 0.18% | | | | 58,400.856 | | 18,234,536.00 | 1,310,118.98 | 0.00 | 18,358,481.30 | | | 0.01% | 7.41% |
| | | | 0.03% | Casting Block size 40cm x 40cm x 20cm. | no | 12,365 | 394 | 3,326,185.00 | 105,875.57 | | | 3.18% | 0.00% | | |
| | | | 0.05% | Casting Block size 30cm x 30cm x 30cm. | no | 20,000 | 4,921 | 4,860,000.00 | 1,195,869.78 | | | 24.61% | 0.01% | | |
| | | | 0.10% | Other Drainage Sluices Repair Works | BDT | 10,048,351 | 8,374 | 10,048,351.00 | 8,374 | | | 0.08% | 0.00% | | |
| BoQ No. 6 | Flushing Inlet Construction | 8.23% | | | | | | 835,272,116.36 | 196,235,235.36 | 55,870,178.51 | 151,872,431.19 | | | 1.93% | 23.49% |
| | | | 0.31% | Casting Block size 40cm x 40cm x 20cm. | no | 116,089 | 3,695 | 31,227,941.00 | 994,014.50 | | | 3.18% | 0.01% | | |
| | | | 0.22% | Casting Block size 30cm x 30cm x 30cm. | no | 93,295 | 22,956.52 | 22,670,685.00 | 5,578,433.55 | | | 24.61% | 0.05% | | |
| | | | 7.70% | Other Flushing Inlets Construction Works | BDT | 781,373,490 | 189,662,787 | 781,373,490.36 | 189,662,787.32 | | | 24.27% | 1.87% | | |
| BoQ No. 7 | Flushing Inlet Repair | 0.17% | | | | | | 16,495,126.00 | 1,634,430.51 | 0.00 | 18,078,404.24 | | | 0.02% | 9.58% |
| | | | 0.02% | Casting Block size 40cm x 40cm x 20cm. | no | 6,390 | 203 | 1,718,910.00 | 54,714.51 | | | 3.18% | 0.00% | | |
| | | | 0.05% | Casting Block size 30cm x 30cm x 30cm. | no | 21,000 | 5,167 | 5,103,000.00 | 1,255,663.27 | | | 24.61% | 0.01% | | |
| | | | 0.10% | Other Flushing Inlets Repair Works | BDT | 9,673,216 | 324,053 | 9,673,216.00 | 324,052.74 | | | 3.35% | 0.00% | | |
| BoQ No. 8 | Embankment Slope Protection Work | 10.66% | | | | | | 1,081,902,109.00 | 301,754,075.03 | 435,904.00 | 134,153,121.37 | | | 2.97% | 27.86% |
| | | | 4.31% | Casting Block size 40cm x 40cm x 30cm. | no | 848,567 | 92,039 | 437,860,572.00 | 47,491,919.20 | | | 10.85% | 0.47% | | |
| | | | 3.76% | Casting Block size 40cm x 40cm x 40cm. | no | 687,279 | 428,087 | 382,127,124.00 | 238,016,363.98 | | | 62.29% | 2.34% | | |
| | | | 1.26% | Casting Block size 30cm x 30cm x 30cm. | no | 524,295 | - | 127,403,685.00 | 0.00 | | | 0.00% | 0.00% | | |
| | | | 1.33% | Other Embankment Slope Works | BDT | 134,510,728.00 | 16,245,791.85 | 134,510,728.00 | 16,245,791.85 | | | 12.08% | 0.16% | | |
| BoQ No. 9 | River Bank Protection Work | 35.77% | | | | | | 3,630,470,487.00 | 1,326,323,382.11 | 443,340,180.00 | 1,638,590,479.30 | | | 20.10% | 56.18% |
| | | | 17.92% | Casting Block size 40cm x 40cm x 40cm. | no | 3,271,866 | 3,243,406 | 120,632,096.00 | 119,582,790.28 | | | 99.13% | 17.76% | | |
| | | | 1.19% | Casting Block size 40cm x 40cm x 30cm. | no | 289,981 | 165,625.40 | 1,819,157,496.00 | 1,039,029,047.73 | | | 57.12% | 0.68% | | |
| | | | 12.38% | Casting Block size 30cm x 30cm x 30cm. | no | 5,170,355 | - | 1,256,396,265.00 | 0.00 | | | 0.00% | 0.00% | | |
| | | | 4.28% | Other Bank Protection Works | BDT | 434,284,630.00 | 167,711,544.11 | 434,284,630.00 | 167,711,544.11 | | | 38.62% | 1.65% | | |
| BoQ No. 10 | Dismantling Work of sluices and road | 0.57% | | | | | | 57,489,951.02 | 8,487,726.05 | 116,456.92 | 0.00 | | | 0.08% | 14.90% |
| | | | 0.370% | Dismantling Works of existing roads | BDT | 37,628,302 | 4,515,396 | 37,628,301.90 | 4,515,396.23 | | | 12.00% | 0.04% | | |
| | | | 0.200% | Dismantling Works of existing Sluices | BDT | 19,861,649 | 3,972,330 | 19,861,649.12 | 3,972,329.82 | | | 20.00% | 0.04% | | |
| BoQ No. 11 | Construction of Khal Crossing Closures | 1.00% | | | No | 8 | - | 101,123,200.00 | 0.00 | | 0.00 | 0.00% | 0.00% | 0.00% | 0.00% |
| BoQ No. 12 | Construction of Road Pavement over Embankment | 7.23% | | | km | 51 | - | 734,374,935.00 | 0.00 | | 0.00 | 0.00% | 0.00% | 0.00% | 0.00% |
| BoQ No. 13 | Construction of RCC Flood Wall | 0.00% | | | km | 14 | - | 222,376,190.00 | 0.00 | | 0.00 | 0.00% | 0.00% | 0.00% | 0.00% |
| | Schedule of Day work | 0.50% | | | BDT | 51,240,887 | - | 51,240,887.20 | 0.00 | | 4,500,000.00 | 0.00% | 0.00% | 0.00% | 0.00% |
| | Environmental Mitigation Works | 0.63% | | | BDT | 64,354,491 | 14,651,755 | 64,364,491.00 | 14,654,031.73 | 2,115,728.96 | 1,500,000.00 | 22.77% | 0.14% | 0.14% | 22.77% |
| | Emergency Works (Charge to Physical Contingencies) | 0.08% | | | BDT | 7,819,992 | 7,819,992 | 7,819,992.42 | 7,819,992.42 | | | 100.00% | 0.08% | 0.08% | 100.00% |
| | Physical and Price Contingencies | | | | BDT | 492,180,008 | - | 492,180,007.58 | 0.00 | 7,819,992.42 | 5,000,000.00 | 0.00% | 0.00% | 0.00% | 0.00% |
| Total | | 100.00% | | | | | | 10,899,564,634.65 | 2,560,446,192.23 | 626,012,865.38 | 2,416,642,699.92 | | | 32.18% | 32.18% |

Note: RCC Flood Wall will not be constructed. Hence, its weight is considered zero.

Annex 3: Labour Influx Report

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

| 1. PROJECT DATA | | |
|---|---|--|
| 1.1 | Name of Project | Coastal Embankment Improvement Project - Phase I (P128276) |
| 1.2 | Contract Package | Package-1 |
| 1.3 | Date of Commencement | January 2016 |
| 1.4 | Date of Completion | June 2020 (As per approved extension of time) |
| 1.5 | Location | Polder-32 and Polder-33 under Khulna district; & Polder-35/1; Polder-35/3 under Bagerhat District |
| 1.6 | Name and Contact Information (email/phone) of Contractor | CHWE, mainland China |
| 1.7 | Name and Contact Information (email/phone) of all sub-Contractors | Project Manager Mr. Yang Dong; No sub-contractors; about 170 Chinese labor and skilled workers influx; 01 Indian workers; local labor and foremen about 600 persons; |
| 1.8 | Type of Works (single site, linear, clustered and construction duration) | Civil engineering/hydraulic works: earthen embankment; water control sluices; river bank protection works; embankment slope protection works; closure dam; offices and site buildings; excavation of sedimented internal channels (khals); social re-forestation; single and localized sites, stand-alone site for construction of one structure or one stretch of embankment etc.; These are the standard engineering interventions in a typical coastal polder in Bangladesh, since 'time immemorial'; no rocket science; a lot of manual labour work activities, for men and women both; |
| 2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS | | |
| 2.1 | Will the project potentially involve an influx of migrant workers? If yes, are there also foreign laborers mobilized on site? | Yes, there are Migrant workers influx at Project area, relatively small numbers and scattered all over the many construction sites; foreign laborer's yes, only Chinese, around 200 persons including middle technicians and Master of Science level engineers; The mobilization of foreign worker started in November 2015 and on ward. |
| 2.2 | Is the influx of non-local workforce significant for the local community? | Not significant because there are many stand-alone construction sites and the number of Chinese/foreign workers per stand-alone site is about 3 to 5 Chinese men; this is not disruptive for the social cohesion of the local site; local stand-alone construction sites are mostly far away from community centers (rural setting, remote sites; sluices are not located inside a community); In the camp site, there have a separate place for their living, dining. Also, police from local Thana/authority provide the security for the safety of Chinese workers. There have two or three local translators; if any problem arises, they will arrange communication with local people. Even now there is no complain from local people, mentioned that in camp site also have a register to note down |

| 2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS | | |
|---|--|---|
| | | to take proper action within appropriate time. At least certain percentage of local people would have been mobilized in civil work that would be beneficial for the local people. |
| 2.3 | What are the opportunities for local laborers? | Of course, there were opportunities for local worker in civil work. Local residents are poor people with virtually no mobility or transport facilities and are employed in agriculture, aquaculture and civil construction works such as road, buildings etc in 'urban' areas, mostly intermittent job contracts. There is some small business such as small shops, chicken and duck breeding/farm, aquaculture, and motorbike repair workshops etc. which do not employ many people; e.g. Polder-35/1 is located 100 km away from the city of Khulna, hence not much influx from Khulna to Polder-35/1; due to few numbers of small rudimentary road tracks, there is hardly any economic traffic to the 4 Polders; one needs to cross many rivers with (small) ferries; labour market is non-existent for local laborers; Recently for polder-32, 294 local workers engaged for construction workers; P-33, 295 local workers; P-35/1, 591 local workers and P-35/3; 187 local workers. There are no women because, for heavy civil work women are not suitable. By negotiating we fixed the salary, so there is no unsatisfactory and no complain. |
| 2.4 | Frequency of outsider's visit | Chinese laborers are generally permanently stationed and working; they live together inside a fenced compound, with professional security guards; Non-local labours are regular, but they have the seasonal vacation during rainy season. |
| 2.5 | Environmental sensitivity of the project site | Refer to the four approved EIA Reports of the 4 Polders; in general, the close location of the border lines of the Sundarbans mangrove forest prompt the Chinese Contractor to take care/be alerted of the possible negative impacts on the water, noise, environment, biodiversity of the Sundarbans; |
| 2.6 | Community experience with similar projects? | Much community experience yes as all 139 coastal polders were built back in the 1970s and 1980s and had undergone many subsequent small and big interventions, emergency works, repair and recovery after huge flood disaster events etc; local laborers are fully familiar with similar types of civil engineering works; And also familiar with the similar movement of non-local labour because in coast region in different time different improvement work has done throughout the specific period. |

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

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

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

| | | | | |
|-----|---|---|----------------|-------------------|
| 4.1 | Size of Local Population | Bangladesh is highly densely populated country but the project area has lesser density. It is found from the RAP document that inside the Polder-32, 33, 35/1 and 35/3 the total population amounts to 38397, 62305, 99182 and 33075 respectively. | | |
| 4.2 | Working age population and capacity (education, skills, experience) | The labour force (age between 15 and 59 year), the actual number of people available for work is 61%. The labour force includes both the employed and the unemployed. According to BBS, 30% of the people fall in the age group 1-15 year. The literacy rate in the project area roams around 58% whereas the national figure is 51.8%. The livelihood of 66.1% of people depends on agriculture activities; | | |
| 4.3 | Working age population capacity | <i>Education</i> | <i>Skill</i> | <i>Experience</i> |
| | | No information is available | No information | No information |
| 4.4 | Local capacity for infrastructure, services, utilities, health (please provide a short brief) | Inside the 4 Polders, both earthen and pucca roads are available and there are waterways also. There is academic institution, market, religious institution, local government offices, providing necessary public services to the local people. Motor bikes play important role to communicate in project areas. Auto rickshaw is main transportation vehicle; No there is no impact of these facility due to the inflow of chines people. | | |
| 4.5 | Availability of accommodation, food, water (please provide a short brief) | Contractor provides adequate accommodation, water and food, protective sheds etc to their workers; Yes, these facilities are easily available for rent and consumption | | |

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

| | | | | |
|-----|--|---|--|--|
| 4.6 | Are there any security considerations? | Not from the local governments; Contractor is now paying for the security force mainly in work site cum residential sites. | | |
| 4.7 | Are there any marginalized, vulnerable, ethnic? indigenous- communities? | Some marginalized and vulnerable people are in the project side like other places of the country but there are no ethnic and indigenous groups. | | |

5. MAINTENANCE OF OTHER LABOR RECORDS

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

| 1. LABOR PROFILE (Please provide Polder wise information) | | | | | | |
|---|------------------------------|---|------------------------|----------------------|-----------------|--------------|
| <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> | |
| | | 341 | | 5 | 346 | |
| 6.2 | Number of laborers by skill | <i>Skilled</i> | <i>Semi-skilled</i> | <i>Unskilled</i> | <i>Total</i> | |
| | | 272 | 53 | 21 | 346 | |
| 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> | |
| | | 272 | 36 | 38 | 346 | |
| 6.4 | Number of laborers by age | <i>18-25</i> | | <i>25-50</i> | <i>Above 50</i> | <i>Total</i> |
| | | 121 | | 210 | 15 | 346 |
| 6.5 | Source of labour | <i>Contractor</i> | <i>Subcontractor</i> | <i>Independent</i> | <i>Other</i> | <i>Total</i> |
| | | 346 | 0 | 0 | 0 | 346 |

| 7. FACILITIES (Please provide Polder wise description of Facilities) | | | | | |
|--|--|--|------------------|--------------------------|--|
| 7.1 | Details of labour camps | Number | Permanent/Temp. | Location | Distance from nearest village/habitation |
| | | 8 | <i>Permanent</i> | Every CC block | Almost within 100m |
| | | 12 | <i>Temporary</i> | yard and every work site | |
| 7.2 | Type of housing in labour camp on leased land (temporary shelters / kuchha /pukka) | Work site have temporary shelter but cc block yard has pukka house | | | |
| 7.3 | Is there any housing on public land like 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 visits here for very short time. The local worker mostly lives with their family | | | |
| 7.6 | Likelihood of family members accompanying (visiting) | They hardly visit the project side. Laboure's have family homes close by; daily transport is done by motorbikes or by vehicles of Contractor. | | | |
| 7.7 | Is drinking water available on site and at the campsite? | Yes | | | |
| 7.8 | Are latrines and urinals provided on site and at the campsite? | Yes | | | |
| 7.9 | Are First Aid facilities provided on site? | Yes | | | |
| 7.10 | Does a doctor visit the worksite / campsite regularly? | Yes | | | |
| 7.11 | Is there a tie-up with a hospital or dispensary near the worksite / campsite | Yes | | | |

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

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

| 9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities) | | |
|--|--|--|
| 9.1 | What is the nature of accidents / emergencies usually occurring at a worksite like yours? | No accident so far has been taken place |
| 9.2 | Is a functioning First Aid available at the campsite / worksite? | Yes |
| 9.3 | Is functioning fire-fighting equipment available at the campsite / worksite? | Yes |
| 9.4 | Which is the nearest doctor / clinic / dispensary? | Within some kilometers, alert by mobile hand phone of which the number is known to all Chinese people (Chinese medical doctor available); doctor covers the four Polders |
| 9.5 | Which is the nearest hospital? | The nearest hospital is situated at Upazila head quarter. But there some clinic or satellite clinic inside the polder. If any worker required critical services then he/she refer to Khulna or Dhaka. The contractor has own car for every camp site and CC block manufacturing site to transport 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. |
| 9.7 | Are details of nearest doctor / clinic / dispensary /hospital / Police station available and prominently displayed at worksite / campsite? | Yes |

| | | |
|-----|--|--|
| 9.8 | What is the system of informing next of kin? | For the migrant worker, there is focal person to deal with the issue. The contact numbers of all workers are well documented. For the local worker, the system is same. Bengali senior staff employed by the Chinese contractor. |
| 9.9 | What is your familiarity with accident reporting | Chinese Contractor holds regular drills on procedures and protocols to enact in case of |

| 9. ACCIDENTS, EMERGENCIES AND INCIDENTS (Please provide Polder wise description of Facilities) | | |
|--|---|---|
| | procedures? | accidents |
| 9.10 | What is your familiarity with police reporting procedures? | 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

| 1. 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 and 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 208.71km; 2. Excavation and re-excavation of drainage channels in the Polders with a total length of about 154.63 km; 3. Construction of 50 drainage sluices; 4. Repairing of 6 drainage sluices; 5. Construction of 51 flushing sluices; 6. Repairing of 30 flushing sluices; 7. Construction of embankment slope protection works with a total length of some 9.48km; 8. Construction of river bank protection works with a total length of 5.395 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> |

| 2. INITIAL SCREENING LABOR INFLUX REQUIREMENTS AND IMPLICATIONS | | |
|---|---|---|
| 2.1 | Will the project potentially involve an influx of migrant workers? If yes, are there also foreign laborers mobilized 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 |

| 3. 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 |

| 4. 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 |
| | | <i>Experience</i> | 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 |

| 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? | No |

| 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 laborer by sex | <i>Male</i> | | <i>Female</i> | <i>Total</i> | |
| | | 877 | | 10 | 887 | |
| 6.2 | Number of laborers by skill | <i>Skilled</i> | <i>Semi-skilled</i> | <i>Unskilled</i> | <i>Total</i> | |
| | | 160 | 220 | 507 | 887 | |
| 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> | |
| | | 507 | 380 | 0 | 887 | |
| 6.4 | Number of laborers by age | <i>18-25</i> | | <i>25-50</i> | <i>Above 50</i> | <i>Total</i> |
| | | 350 | | 533 | 4 | 887 |
| 6.5 | Source of labour | <i>Contractor</i> | <i>Subcontractor</i> | <i>Independent</i> | <i>Other</i> | <i>Total</i> |
| | | 887 | 0 | 0 | 0 | 887 |

| 7. FACILITIES (Please provide Polder wise description of Facilities) | | | | | |
|--|--|--|-----------------|-----------------------|--|
| 7.1 | Details of labour camps | Number | Permanent/Temp. | Location | Distance from nearest village/habitation |
| | | 5 | Temporary | Near the project site | Within 1 km |
| 7.2 | Type of housing in labour camp on leased land (temporary shelters / kuchha /pukka) | Temporary shelter | | | |
| 7.3 | Is there any housing on public land like roadsides, open fields and other spaces? | Yes, there are housings on open field. | | | |
| 7.4 | Is there any housing in rented accommodation in residential areas? If so, who is it rented by? | Yes, it is rented by the Chinese Contractor as temporary shelter. | | | |
| 7.5 | How many laborers have families on/near worksite? | No information | | | |
| 7.6 | Likelihood of family members accompanying (visiting) | Not allowed | | | |
| 7.7 | Is drinking water available on site and at the campsite? | Yes | | | |
| 7.8 | Are latrines and urinals provided on site and at the campsite? | Yes | | | |
| 7.9 | Are First Aid facilities provided on site? | Yes | | | |
| 7.10 | Does a doctor visit the worksite / campsite regularly? | No, sometimes. | | | |
| 7.11 | Is there a tie-up with a hospital or dispensary near the worksite / campsite | Yes | | | |
| 7.12 | Is there a facility for cooking / canteen facility for all labour? | No | | | |
| 7.13 | Are leisure activities / facilities available for all labour | Yes | | | |
| 7.14 | Is transport to and from the worksite provided to labour? | Yes, 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? | 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 |
| 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? | Drowning |
| 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 sites and no female workers. |

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 | 165.333 | | | | | | 35.687 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 | 35 | | | | | | 23 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 | 28 | | | | | | 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 | 134.84 | | | | | | |
| 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) | | | | | | GRC formation undertaken for all polders of Package 01. Total 151 complaints / grievances have received by GRC upto August 2019. Out of 151 complaints /grievances 33 complaints have been resolved at the entry level and 114 cases have resolved through investigations and formal hearing by GRC and the rest 04 cases have been trying to resolve through investigations and formal hearing by GRC). A total number of 45 grievances have been received at package-2 upto August 2019 by GRC.25 cases of them have been resolved in the entry level by the field investigation and 20 cases are under process for investigation and formal hearing by GRC. |