



GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
MINISTRY OF WATER RESOURCES

BANGLADESH WATER DEVELOPMENT BOARD
COASTAL EMBANKMENT IMPROVEMENT PROJECT PHASE-1 (CEIP-1)

Financed by World Bank with
Grant Contribution of PPCR - Climate Investment Fund

Quarterly Progress Report No. 18
January - March 2020

Progress Report for 3rd Quarter of GoB Fiscal Year 2019-20
Implementation Quarter 21 (since 01 January 2015)

Submitted to:

Project Management Unit
CEIP-1

Prepared by
Sheladia Associates, Inc. (USA)
in association with BETS Consulting Services, Ltd.
Third Party M&E Consultants for Overall Project Implementation
(CONTRACT PACKAGE NO. CEIP-1/ C2/S3)



13 May 2020

BASIC DATA

| | | |
|---------------------|---|---|
| Country | : | <i>Bangladesh</i> |
| Project Title | : | Coastal Embankment Improvement Project, Phase-1 |
| Implementing Agency | : | Bangladesh Water Development Board |
| Report number | : | 18 |
| Reporting Period | : | Quarter of January-March 2020 |

CURRENCY EQUIVALENTS

(Exchange Rate Effective May 15, 2013)

Currency Unit = Bangladeshi Taka (BDT)

US\$ 1 = BDT 79

Currency Unit = Special Drawing Rights (SDR)

US\$ 1 = SDR 0.66269

FISCAL YEAR

July 1 - June 30

Grant Project Component: Pilot Program for Climate Resilience (PPCR)

2.1.1. Grant Source : Climate Investment Fund

2.1.2. Grant Amount : US\$ 25 Million

2.1.3. Date of Grant Approval : 29 May 2013

US\$ 5 Million are allocated for Project Component C 3 Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone.

Table i-1: PPCR Expected Disbursements

| Pilot Program for Climate Resilience (PPCR) Expected Disbursements (in US\$ Million) | | | | | | | | |
|--|------|------|------|------|------|------|------|------|
| Fiscal Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| Annual | | | 10 | 10 | 5 | | | |
| Cumulative | | | 10 | 20 | 25 | | | |

Source: Project Appraisal Document, 2013

Loan IDA

2.2.1. Loan Number / Project ID : No. P128276

2.2.2. Loan Amount : US\$375 Million

2.2.3. Date of Loan Approval : 29 May 2013

2.2.4. Date of Loan Declared Effective /

Project Implementation Start Date : 02 Sep 2013

2.2.5. Expected Closing Date : 31 Dec 2020

Table i-2: IDA Expected Disbursements (US\$ Million)

| IDA Expected Disbursements (US\$ Million) | | | | | | | | |
|---|------|------|------|------|------|------|------|------|
| Fiscal Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| Annual | 5 | 5 | 10 | 45 | 75 | 75 | 75 | 85 |
| Cumulative | | 10 | 20 | 65 | 140 | 215 | 290 | 375 |

Source: Project Appraisal Document, 2013

ACRONYMS AND ABBREVIATIONS

| | |
|-----------|--|
| ADB | Asian Development Bank |
| aka | also known as |
| BDT | Bangladeshi Taka |
| BFD | Bangladesh Forestry Department |
| BoQ | Bill of Quantities |
| BUET | Bangladesh University of Engineering & Technology |
| BWDB | Bangladesh Water Development Board |
| C&AG | Controller and Auditor General |
| C-ESMP | Contractor’s Environmental and Social Management Plan |
| CCGP | Cabinet Committee for Government Purchase |
| CCL | Cash Compensation Under Law |
| CEGIS | Center of Excellence for Geospatial Information Science |
| CEIP | Coastal Embankment Improvement Project |
| CERC | Contingent Emergency Response Component |
| CIF | Climate Investment Fund |
| COI | Conflict of Interest |
| CPTU | Central Procurement Technical Unit |
| CQS | Consultant Qualifications-Based Selection |
| CUL | Compensation Under Law |
| DA | Designated Account |
| DC | Deputy Commissioner |
| DG | Director General |
| DLAC | District Land Acquisition Committee |
| DoE | Department of Environment |
| DSC | Detailed Design, Construction Supervision & Project Management Support Consultants |
| DDCS&PMSC | Detailed Design, Construction Supervision & Project Management Support Consultants |
| DVD | Digital Video Disk |
| EA | Environmental Assessment |
| EC | Entitlement Cards |
| ECC | Environmental Clearance Certificate (of DoE) |
| EHS | Environmental Health and Safety |
| EIA | Environment Impact Assessment |
| EP | Entitled Persons |
| EMF | Environnement Management Framework |
| EMP | Environnemental Management Plan |
| Eoi | Expression of Interest |
| FAPAD | Foreign Aided Project Audit Directorate |
| F&C | Fraud and Corruption |
| FGD | Focus Group Discussion |
| FIDIC | Federation Internationale des Ingenieurs Conseils (French); International Federation of Consulting Engineers |
| FM | Financial Management |
| FMS | Financial Management Specialist |
| FO | Field Office |
| FY | Fiscal Year |

| | |
|-------|--|
| GAAP | Governance and Accountability Action Plan |
| GBM | Ganges, the Brahmaputra or Jamuna, and the Meghna |
| GCC | General Conditions of Contract |
| GCM | Global Climate Model |
| GIS | Geographic Information System |
| GoB | Government of People's Republic of Bangladesh |
| GPS | Global Positioning System |
| GRC | Grievance Redress Committee |
| GRM | Grievance Redress Mechanism |
| ha | hectare |
| HOPE | Head of the Procuring Entity |
| HQ | Headquarters |
| IC | Individual Consultant |
| ICB | International Competitive Bidding |
| ICBPQ | International Competitive Bidding with pre-qualification |
| ICT | Information and Communications Technology |
| ID | Identification |
| IDA | International Development Association (World Bank Group) |
| IFB | Invitation for Bid |
| IMED | Implementation Monitoring and Evaluation Division (Ministry of Planning) |
| IOL | Inventory of Losses |
| IPCC | Intergovernmental Panel on Climate Change |
| IPDP | Indigenous Peoples Development Plan |
| IPM | Integrated Pest Management |
| IPOE | Independent Panel of Expert |
| IRM | Immediate Response Mechanism |
| ISM | Implementation Support Mission |
| IUFR | Interim Unaudited Financial Report |
| IWM | Institute of Water Modeling |
| JVS | Joint Verification Survey |
| km | kilometer |
| KMC | Knowledge Management Consultants, Ltd. (RAP Team of DDCS&PMSC) |
| LAP | Land Acquisition Plan |
| LCS | Labor Contracting Societies |
| LG | Local Government |
| LGED | Local Government Engineering Department |
| MDSP | Multipurpose Disaster Shelter Project |
| MEAG | M&E Advisory Group |
| MIS | Management Information System |
| MoL | Ministry of Lands |
| MoWR | Ministry of Water Resources |
| M&E | Monitoring & Evaluation |
| NCB | National Competitive Bidding |
| NGO | Non-Government Organization |
| NID | National ID |
| NOL | No Objection Letter |

| | |
|-------|---|
| NCR | Non-Compliance Register/Record |
| O&M | Operation and Maintenance |
| OP | Operation Policy |
| PAH | Project Affected Household |
| PAP | Project Affected Person |
| PAVC | Property Asset Valuation Committee |
| PC | Polder Committee |
| PCM | Public Consultation Meeting |
| PD | Project Director |
| PDO | Project Development Objectives |
| PMU | Project Management Unit |
| PMIS | Project Management Information System |
| PPCR | Pilot Program for Climate Resilience |
| PPE | Personal Protective Equipment |
| PRAC | Physical Relocation Assistance Committee |
| PRMP | Procurement Risk Mitigation Plan |
| PSC | Project Steering Committee |
| PY | Project Year |
| Q | Quarter |
| QBS | Quality Based Selection |
| QPR | Quarterly Progress Report |
| RAP | Resettlement Action Plan |
| RE | Resident Engineer |
| REOI | Request for Expression of Interest |
| RFP | Request for Proposal |
| ROW | Right-of-Way |
| RTI | Right to Information |
| SAP | Social Action Plan |
| SDR | Special Drawing Rights |
| SECU | Social, Environment and Communication Unit |
| SLR | Sea-Level Rise |
| SMRPF | Social Management and Resettlement Policy Framework |
| TA | Technical Assistance |
| ToR | Terms of Reference |
| UNDB | United Nations Development Business |
| USD | United States Dollar |
| WB | World Bank |
| WMO | Water Management Organization |
| WMIP | Water Management Improvement Project |
| XEN | Executive Engineer |

Quarterly Progress Report No. 18 January-March 2020

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Quarterly Progress Report No. 18

January-March 2020

EXECUTIVE SUMMARY**Introduction**

This Quarterly Progress Report (QPR) presents the status of project inputs and outputs and provides information on the activities, processes, accomplishments, constraints, issues and recommendations for the January – March 2020 quarter. It covers all consultancies and contracts of the Project and thus is a consolidated progress report.

The QPRs are intended to provide the Project Director, Project Steering Committee (PSC) and World Bank with information on emerging issues as well as a record of the project as it evolved through the last quarter. It is intended to also show the plans for the project overall, and specifically the next two quarters and to report progress against the respective targets. Should delay occur the report aims to alert as to the potential impact which such delay may have on the project schedule overall. The report consolidates the individual reports of several implementing partners under the project. These partners will present their own data. In general, such data would be incorporated as it was reported and the PMU and the M&E team may also verify data independently.

The Executive Summary contains the following sections:

- Summary of Achievements during the Quarter and Annual
- Issues and Recommendations
- Summary of Plans for Next Two Quarters

Summary of Achievements during the Quarter**Disbursements and Expenditures**

Data for the quarter could not be obtained from PMU due to the stay-at-home order of the GoB; PMU has not produced the requisite IMED reports from which our official data are drawn. Therefore, the following sections report prior quarter figures.

Cumulative figures of disbursements from the World Bank (and PPCR) to the BWDB appear below, converted from BDT to USD at a rate of 79 BDT per USD.

Disbursements to the Project stand at 47.07% of the total amount as of 31 December 2019 which is up very slightly from 46.95% in the prior quarter and up from the prior fiscal year's 25.72%. The total disbursed to date is \$188.3 million comprised of IDA Credit US\$169.3 m plus Trust Fund PPCR Grant US\$ 24.9 million.

Table 1: World Bank Disbursements to CEIP-1

| Cumulative as of Given Date | IDA Credit | PPCR Grant | Total | As % of Total Project Cost |
|--------------------------------|---------------|---------------|---------------|-------------------------------|
| | (USD million) | (USD million) | (USD million) | |
| 31-Mar-20 | Not available | Not available | Not available | Not available |
| 31-Dec-19 | 165.709 | 24.920 | 190.629 | 47.66% |

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

| | | | | |
|-----------|---------|--------|---------|--------|
| 30-Sep-19 | 163.342 | 24.920 | 188.262 | 47.07% |
| 30-Jun-19 | 163.342 | 24.474 | 187.816 | 46.95% |
| 30-Jun-18 | 82.871 | 20.000 | 102.871 | 25.72% |
| 30-Jun-17 | 38.481 | 16.876 | 55.357 | 13.84% |
| 30-Jun-16 | 17.215 | 8.608 | 25.823 | 6.46% |

As of March 2020, the Loan had become effective for 79 months. According to the IMED reports prepared by PMU (and using the original exchange rate of BDT 79 per USD), total disbursement by the project is as follows:

- December 2019 - US\$ 178.6 million, or 44.7% of total project cost
- September 2019 - US\$ 173.7 million, or 43.4% of total project cost
- June 2019 - US\$ 173.6 million, or 43.4% of total project cost
- June 2018 - US\$ 97.0 million, or 23.4% of total
- June 2017 - US\$ 50.4 million, or 12.6% of total

Figure 1 compares the actual disbursement to the project and actual project expenditures with the planned disbursement levels as per the Project Appraisal Document. There was a dramatic improvement during the FY18/19 as works and land acquisition expenditures accelerated that year. Expenditures by CEIP-1 in the first two quarters of FY19/20 are level but this is due in part to the monsoon season each year, but in this case also due to delays in submitting and processing IPCs.

Figure 1: Actual and Projected Disbursements as of 31 December 2019 (USD million)

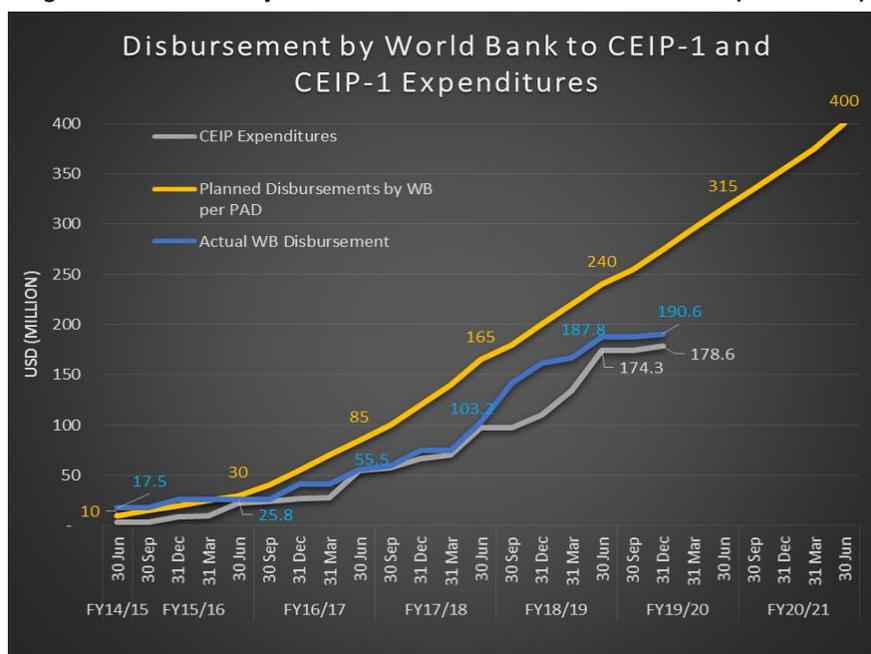


Figure 2 presents the expenditures through 31 December 2019 and projected expenditures classified by capital and revenue categories. Capital expenditures include physical works and land acquisition costs while revenue expenditures include consultancies, resettlement compensation and project administration. The expenditures as of the original closing date of 31 December 2020 are projected to reach less than \$270 million so the proposed extension through 30 June 2022 is warranted.

Annex 4 provides further details on the status on Finance and Disbursements by the Project.

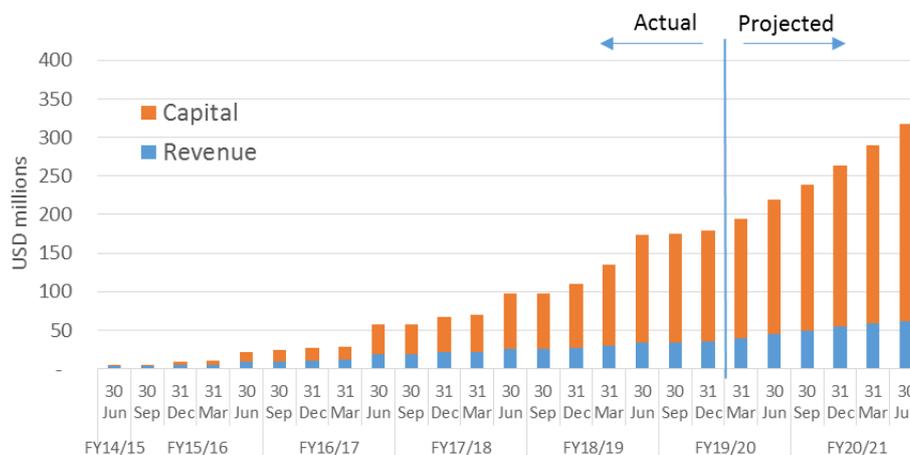


Figure 2: Actual and Projected Expenditures as of 31 December 2019 (USD million)

Institutional Arrangements

The PMU is staffed with qualified and dedicated professionals, and most key positions have been filled. The PD position has been filled continuously, and the Deputy PD position has finally been filled in January 2020. The Financial Management Specialist became vacant on 30 September 2019 but has since been filled.

Procurement

All the action of items has already been done with the last consultancy contract - Feasibility studies and Preparation for Design for CEIP-2 – having been evaluated for calling expressions of interest. The EOI submission date was 31 January 2020.

Works – Contract 01

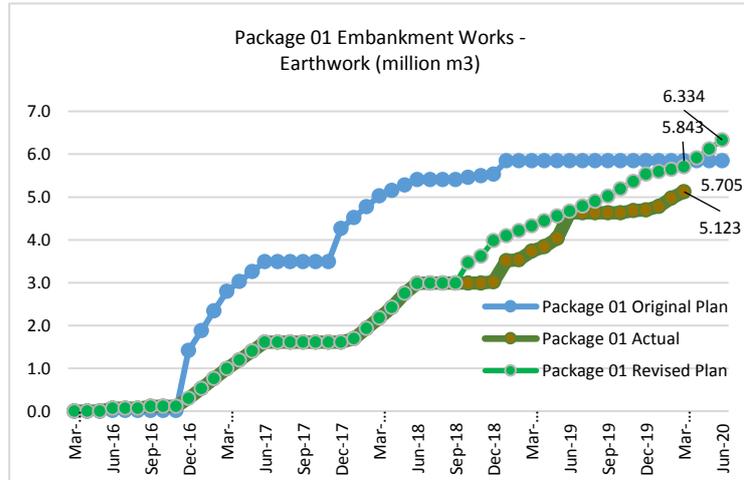
Contractor : CHWE (China)
 Contract Signature Date : 01 November 2015
 Notice to Commence : 26 January 2016
 Original Contract Duration : 36 months to 25 January 2019
 Proposed Revised Duration: 53 months to 25 June 2020

Physical progress was slow in the first 12 months but improved substantially thereafter starting with the 2017/18 construction season and especially during 2018/19. A revised Work Program was approved in August 2018 which shows completion in June 2020 – an extension of 17 months.

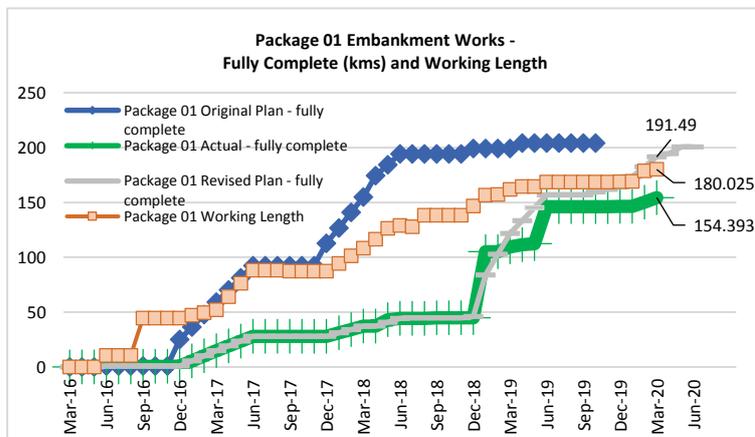
There has been exceptionally good physical progress during the quarter. At the 50-month mark (94% of time consumed considering the new completion date), progress stands at 87% complete by the Consultant’s calculation up from 81.5% in the prior quarter. However, with only 3 months remaining in the contract, the rains about to start and the COVID-19 challenges, the balance of the works are not going to be completed by the 25 June 2020 end date.

Physical progress as of March 2020 is shown in the figures which follow, comparing it to the status of previous quarters and years.

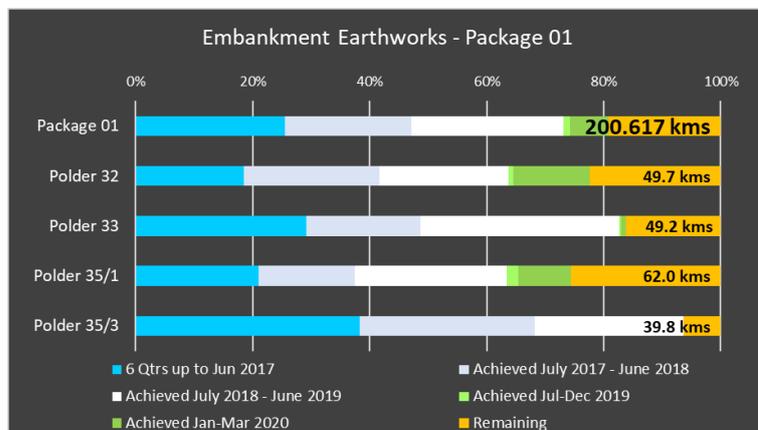
Embankment works stand at 80.9% complete as of 31 March 2020 in terms of m³ of earthwork compared to 74.2% on 31 December 2019. This is not a particularly strong increase this quarter given that it is dry season.



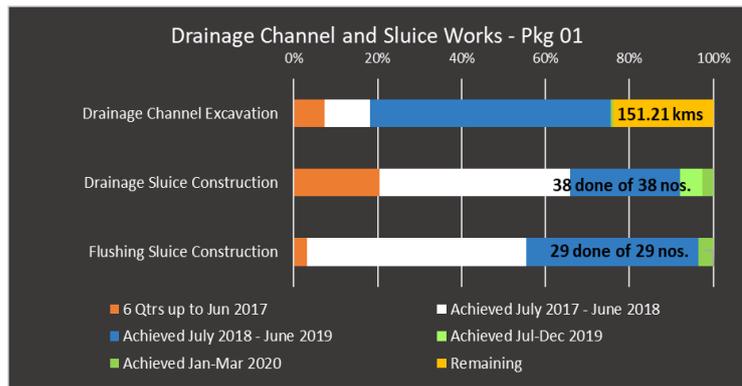
The working **length of embankment** as of 31 March 2020 stands at 180.03 kms of which 154.39 kms are fully completed which is up from 178.59 kms working length and 150.04 kms fully completed as of 31 December 2019. This represents an increase from 74.8% to 77.0% of total contract length of 200.617 kms as being fully complete.



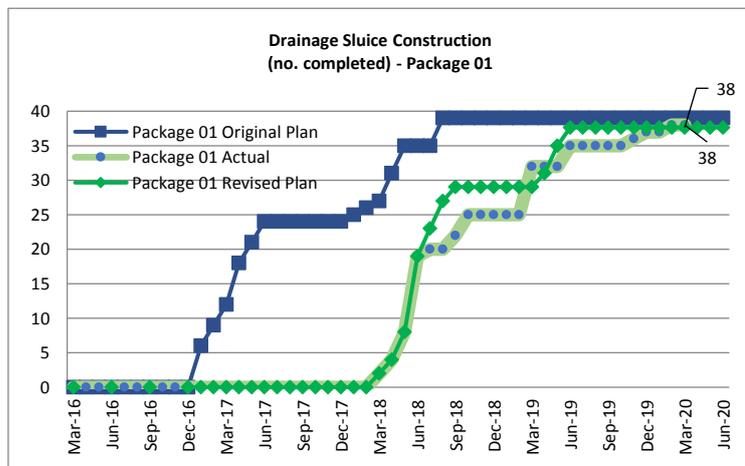
While Package 01 has achieved 80.9% progress for **embankment earthworks** in cubic meter terms, there is variability across polders. Polder 35/3 is the furthest advanced at 94.0% complete, Polder 33 at 83.85% complete, then Polder 32 at 77.55% and 35/1 approaching 74.80%.



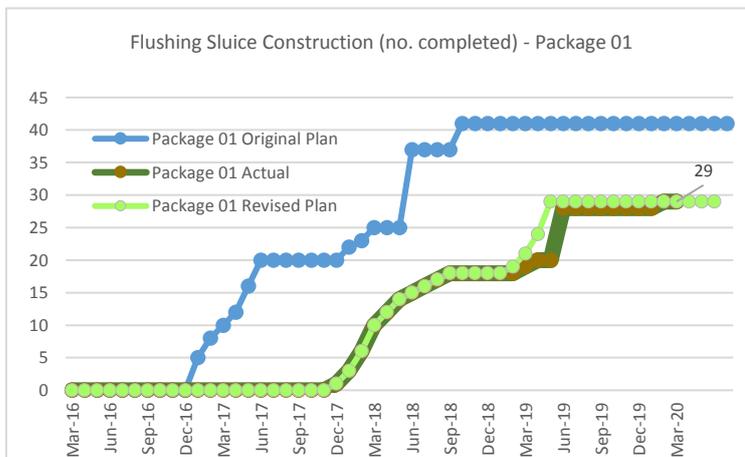
There was only 0.5% additional work done during the quarter on drainage channel excavation and this is unexpected as it was the dry season. While drainage channel work is showing only 75.9% completion, the DDCS&PMS Consultants advise that “a length of 33.160 km is required to be omitted from the re-excavation program of CEIP-1 as this length is fully effective to provide the purposes of the drainage system.” In such case the accomplishment of 115.55 kms of drainage channel work (out of 118.05) represents 97.9% achievement and only 2.5 kms remain to be done.



New drainage sluice construction progress percentage is calculated as the number of sluices completed divided by the target number. Progress stands at 100% in March 2020 compared to 97.3% progress in December 2019, meaning all 38 drainage sluices are now completed. This compares to 37 in December 2019 and 35 as of September 2019. Also, the 2 **drainage sluices to be repaired** were completed prior to June 2019.



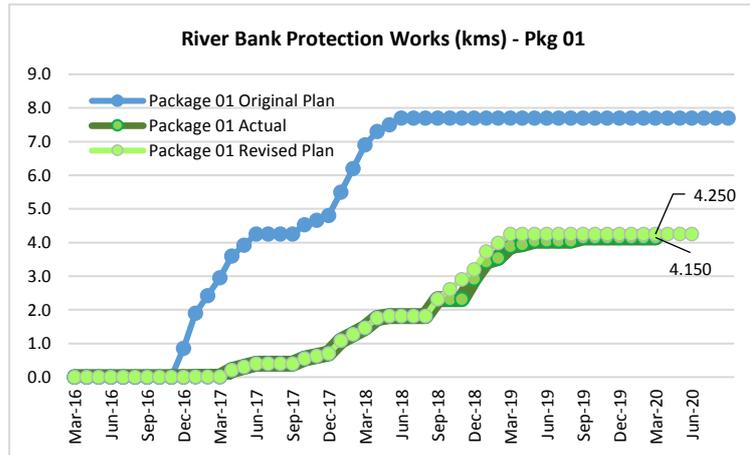
All 29 **new flushing sluice** works were fully completed as of March 2020 which compares to 28 in the prior quarter December 2019.



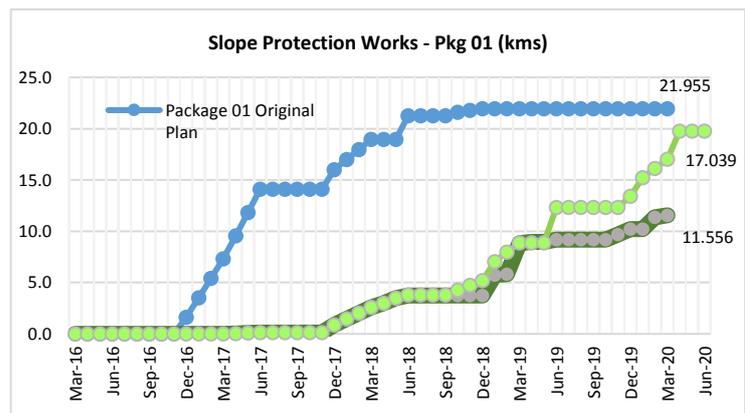
As for **flushing inlet repair**, 13 of the 14 structures are repaired and the last one is in process. This is up from 12 structures fully repaired in the quarter ending December 2019.



Bank protection works stand at 4.15 kms out of 4.45 kms to be done. Works remain to be completed only in Polder 35/1. This was same level of progress as in the prior quarter and compares to 4.05 kms done as of June 2019.

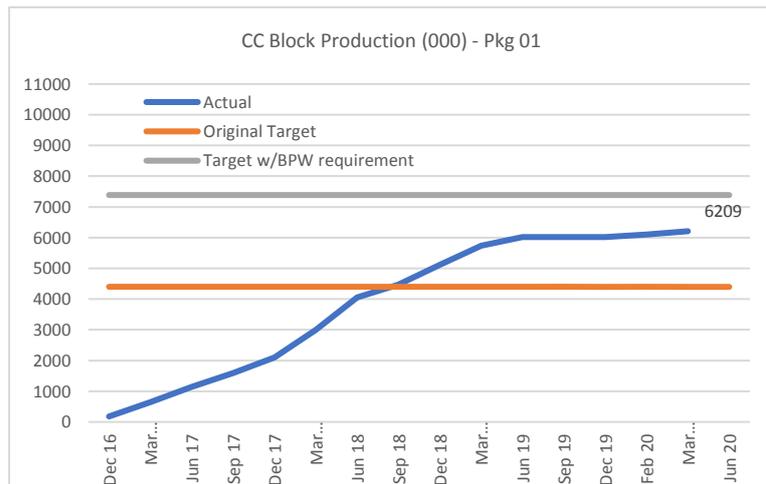


Slope protection works stand at 11.566 kms done out of 19.766 kms. This represents a 58% level of progress and compares to a cumulative figure of 10.216 kms (51% progress) done at the end of the prior quarter. Slope protection works are fully completed in only one polder – Polder 35/3.



Package 01 CC block production has progressed as follows:

| | |
|-------------|---------------|
| 31 Mar 2020 | 6.209 million |
| 31 Dec 2019 | 6.031 million |
| 30 Sep 2019 | 6.015 million |
| 31 Jun 2019 | 6.015 million |
| 31 Mar 2019 | 5.738 million |
| 31 Dec 2018 | 5.118 million |
| 30 Sep 2018 | 4.470 million |
| 30 Jun 2018 | 4.056 million |
| 31 Mar 2018 | 2.994 million |
| 31 Dec 2017 | 2.097 million |
| 30 Sep 2017 | 1.586 million |
| 30 Jun 2017 | 1.140 million |



There has been some CC block production in Package 01 during the past quarter at approximately 179,000 blocks. In the 12 months ending March 2020, only about 471,000 blocks have been produced. If Package 01 still requires 7.386 million blocks in total, then another 1.177 million blocks will need to be produced. Under the best circumstances, this will require another 6 months, taking the operation to late 2020. Current production has reached 81.4% of the required number.

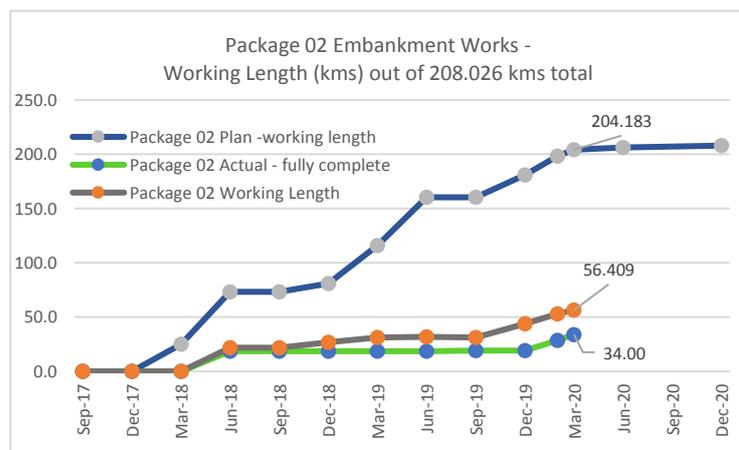
Works – Contract 02

Contractor : CICO (China)
 Contract Signature Date : 08 March 2017
 Notice to Commence : 12 July 2017
 Contract Completion : 11 January 2021
 Contract Duration : 42 months

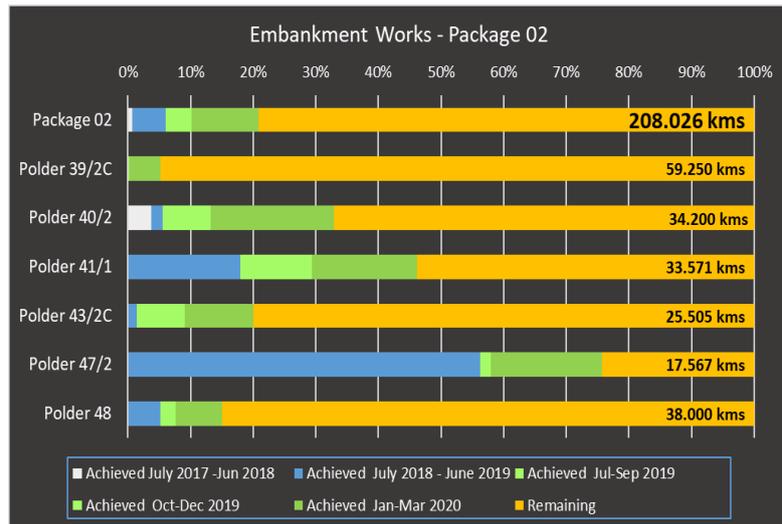
- Mobilization and physical progress have been very slow, but there has been some improvement in the current construction season. As of March 2020, 32.5 months of this 42-month contract period have elapsed, or 77% of the time. Works overall stand at 50.61% complete by the Supervision Consultant’s calculation, which is an appreciable change from the 28.85% progress level of June 2019. Based on the revised work program submitted by the Contractors in March 2020 itself, the progress target is 52.65%.
- Out of 50 **drainage sluices**, the contractor is working on 22 that are essentially completed, and 13 others are in progress.
- Out of 51 **flushing sluices**, the contractor is working on 16 nos. that are essentially completed and 5 others are in progress.
- About 432,431 **CC blocks** have been produced in the last quarter for a cumulative production to date of 5,483,131 CC blocks as of 31 March 2020 compared to a requirement of 8.45 million blocks.
- Emergency works were undertaken in five locations in three Polders.

The following figures present some of the works achieved to date.

The working length of **embankments** as of 31 March 2020 stands at 56.41 kms of which 34.00 kms are fully completed. This compares to the prior quarter working length of 43.83 kms of which 19.17 kms were fully completed.

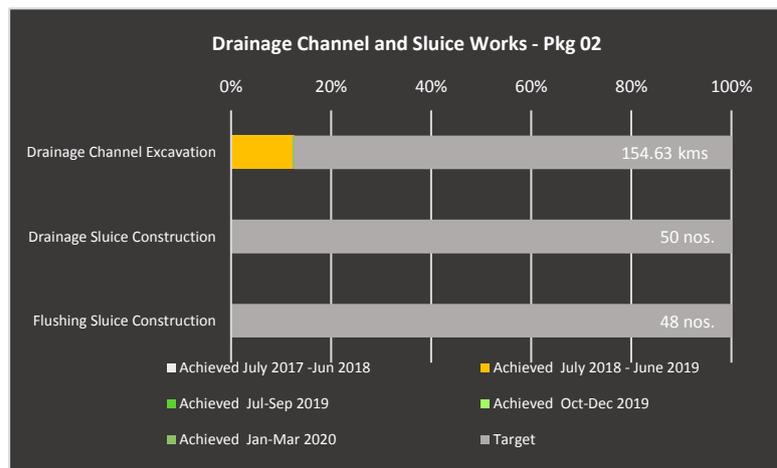


Embankment earth work progressed incredibly well during this quarter. It stands at 20.8% complete compared to 10.2% in the prior quarter. The initial effort in embankment works focused almost exclusively on Polder 40/2, but during the past year and one-half the earthworks on Polder 47/2 have advanced to 75.7% complete and work got under way in all the other polders.

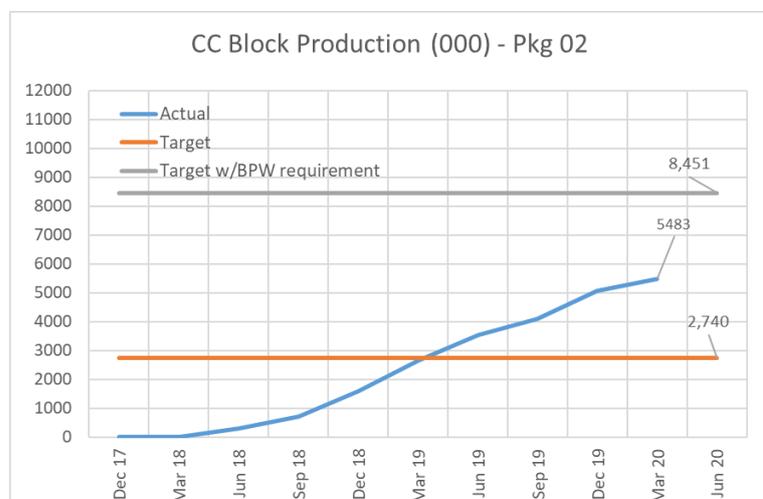


Except in Polder 39/2C, work has started on **drainage channels**, for a total of 19.081 kms in Package 02. The Package 2 requirement is for 154.63 kms in total. This represents progress of 12.3%.

As for structures, while none are fully complete, 22 **drainage sluices** and 16 **flushing sluices** are nearing completion. The target of flushing sluices is actually 51 per the restructuring, but 3 sluices are reported to require repair only.



CC block production as of 31 March 2020 reached 64.9% of the total required up from 59.8% at the end of December 2019. The achievement this quarter was 5.1% of total required production compared to 10.2% in the prior quarter. At this rate, the total can be reached in about 7 more quarters, or December 2021. Clearly, the production must be scaled up to reach the target before the contract end date or an extension of time will be required.



Design and Supervision

The DDCS and PMS Consultants have been in place since January 2015 and have been carrying on their work diligently. Their major responsibilities are:

- a) Detailed Engineering Design and Construction Supervision for remaining Polders
- b) Project Management Support,
- c) Preparation of EIA of remaining Polders, and
- d) RAP

The DDCS&PMSC is comprised of Royal HaskoningDHV in association with DevCon/KMC/CEGIS, DPM, IWM and DHI.

All detailed designs have been completed for Package 01 works in 2015, based on modeling that determined the design parameters as well as geotechnical surveys and investigations. Designs were approved by the BWDB Design Circle.

In Package 02, design approval is still awaited for the 8 closures. The flood wall is no longer needed. Other works were designed and approved in 2018.

The design of Package 03 polders commenced during the October-December 2016 quarter and stalled out at about 25% complete for two years. The design was, in fact, completed on 07 October 2019. The approval process must now be expedited.

| Sl | Item | Package 03 Target | 31 Dec 2019 | | 31 Mar 2020 | |
|----|----------------------------|----------------------|-------------|----------|-------------|----------|
| | | | Designed | Approved | Designed | Approved |
| 1 | Embankment (kms) | 209.98 | 209.98 | 209.98 | 209.98 | 209.98 |
| 2 | Drainage Channel (kms) | 167.37 | 167.37 | 0 | 167.37 | 0 |
| 3 | Drainage Sluice (no.) | 53 | 53 | 5 | 53 | 15 |
| 4 | Flushing Sluice (no.) | 19 | 19 | 0 | 19 | 0 |
| 5 | Riverbank Protection (kms) | 1.6 | 1.6 | 0 | 1.6 | 0 |
| 6 | Embankment Slope (kms) | 4.78 | 4.78 | 0 | 4.78 | 0 |

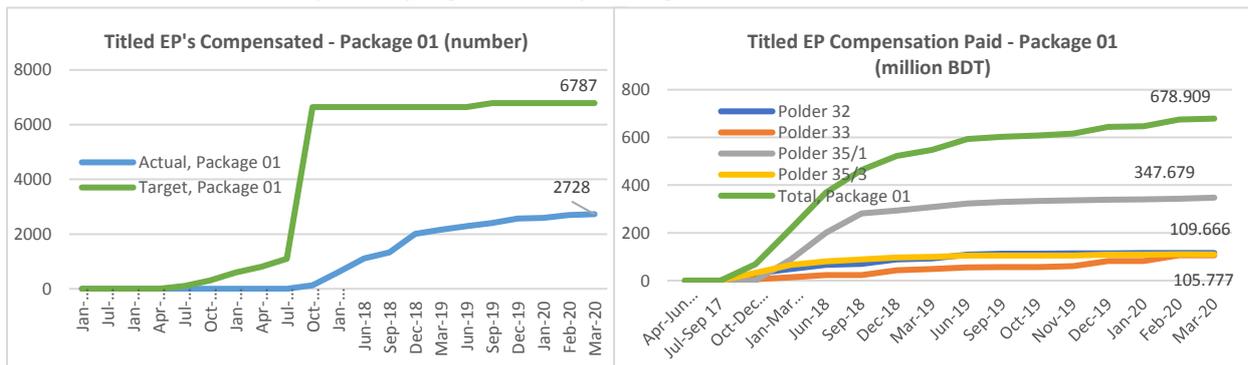
Environment

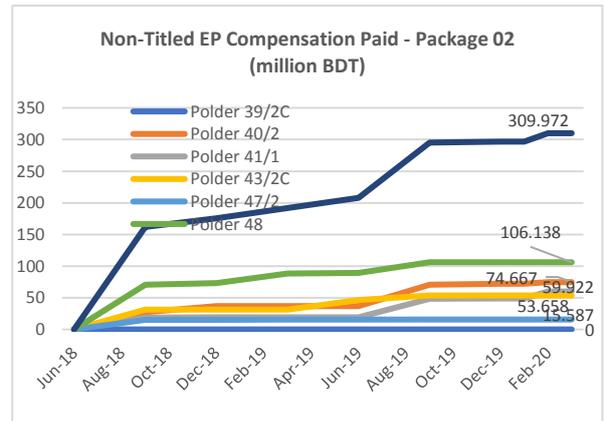
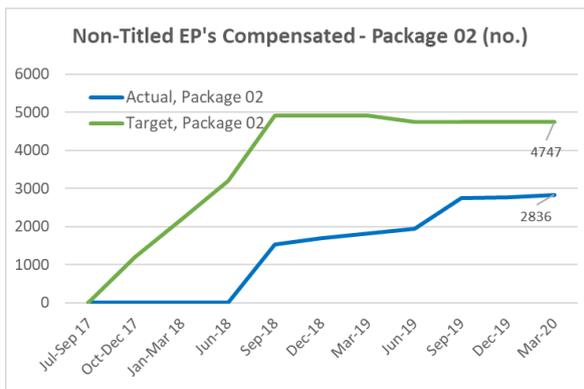
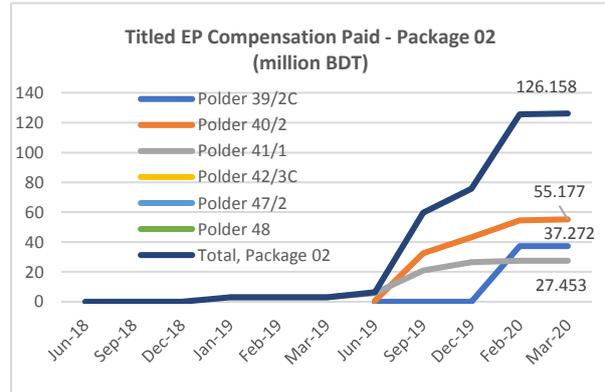
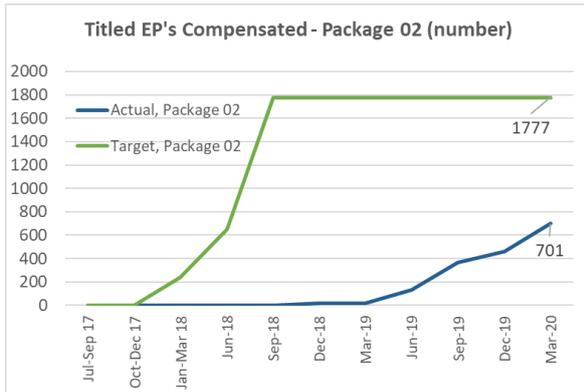
During the reporting period, WB comments on the EIA of polder 14/1 were addressed, the report was shared with IPOE (environment) and currently under his review. WB comments on EIA of Polder 14/1 are also being addressed with remaining EIAs of Package-03. After approval from WB, EAPs of Contractor of W01 were translated in Bengali and Chinese languages during the reporting period. Bi-Annual Environmental Monitoring Report was submitted to WB and received WB comments and submitted the revised report addressing the comments. Fourth Annual Environmental Audit was carried out by 3rd Party M&E Consultants during the reporting period. Contractor of W01 conducted training on EHS issues for its 1, 606 expatriate and local staff, and Contractor of W02 conducted the said trainings for its 885 local and expatriate staff. Some refresher training was ongoing during the quarter. Twice-monthly environmental checklists are being submitted by the Contractors to the supervision consultants.

RAP/LAP Preparation and Implementation

Package 01

- **40.2% of titled landholders** have been compensated to date up from 38% in the prior quarter and double the number of landholders from a year earlier when 1,334 titled landholders had been paid. An additional 164 nos. titled landholders were compensated for their land during the quarter, bringing the number to 2728 EPs, for a total payment of BDT 679 million up from BDT 644 million in the prior quarter.
- **87.3% of non-titled EPs** have been compensated (4054 out of 4645 total) and 97.7% of these EPs (94.2% of all non-titled EPs) have relocated from the right-of-way (ROW) as of 31 March 2020. Amount of compensation paid to non-titled EPs so far is BDT 597.117 million.
- PMU is pro-actively facilitating the payment of compensation for land by DCs to an increased number of titled EPs (currently 2728 nos. out of 6787 nos. have been compensated).
- To date, 167 **grievances** have been raised with 49 resolved on the spot and 114 resolved by GRC. There are reportedly 4 grievances pending.





Monitoring and Evaluation

Key accomplishments January-March 2020 include:

- Prepared the 17th Quarterly Progress Report.
- Prepared the 4th Annual Environmental Audit Report.
- Participated 8th Bi-Annual Environmental Report.
- Reviewed and commented on Technical Reports and QPR of Long-Term Monitoring Consultant.
- Reviewed and commented on the MPR and QPR of the NGOs
- Aided the NGOs on use of the monitoring tracking tool in excel for the NGOs program which was finalized with input of the World
- In process of cleaning data from the second round Baseline Survey for Package 02 households and mid-line survey for Package 01 households covering general population, PAHs and comparison households.
- Reviewed and commented on progress reports of DDCS&PMS Consultants
- Made field visits for monitoring of implementation, physical progress, and safeguards compliance and consultation with PAPS.
- Web based PMIS is now on Live – www.ceip-bwdb.gov.bd
- Advanced the development of the web based PMIS.
- Participated in World Bank field visits.

Administration

In the prior quarter, a draft DPP proposal was submitted to the World Bank through ERD focusing on the re-allocation of Package 03 budget and seeking additional funds to cover additional Bank Protection Works, Land Acquisition fund shortfall and the extension of time to June 2022 to accommodate the works and appurtenant services. This proposal is currently under discussion.

Issues and Recommendations

New Issues

Issue QPR18-1: COVID-19 Pandemic Inhibits Field Visits and Physical Progress to Some Extent

Status:

- Package 01 progress advanced from 81.51% complete on 31 December 2019 to 87.00% on 31 March 2020. With the public holiday in effect during part of March, all of April and now continuing into May, Package 01 progress advancing to completion by 30 June 2020 will be a bigger challenge than was already the case.
- Contractor, supervision consultant, M&E consultant and NGO teams are clearly hampered by the social distancing standards that are rightly being observed.

Recommendation:

DDCS&PMS Consultant may request the Contractors to employ drone technology and video uploads to provide near real-time images of the status of works that could be shared with PMU, M&E Consultants and the World Bank. Work methods may be observed using cameras and local works inspectors may need to be guided by phone or even trained so they may properly note and report their observations in the absence of more senior staff. PPE must now include face masks for all workers and visitors and procedures for sanitizing any commonly touched items. The Contractors may need to train staff in improved (intensified) hygiene practices and, in fact, it is recommended that they develop a COVID-19 Practices Guideline that should then be reviewed and approved by the DDCS&PMS Consultants.

Red Flag Issues Unresolved from Prior Quarters

All of the “red flag” issues – new and old – are both urgent and important and they must be pursued in parallel. The issues bulleted below represent the full list of most critical among the issues remaining unresolved from prior quarters. The numbering scheme relates to the quarterly report in which the issue was first raised, followed by the serial number of the issue in that report.

- **Issue QPR17-1: Completion of Package 01 Works by June 2020 Contract End Date is Unlikely.** As DDCS&PMS report in their MPR of December 2019, overall physical progress of Package 01 works stood at 82.26% on Polder 32, 92.07% on Polder 33, 58.76% on Polder 35/1, 92.13% on Polder 35/3 and 81.51% for Package 01 as a whole (and as of 31 March 2020, it stood at 87.00% complete as a whole). In Polder 35/1, 41.24% of the work remains to be done by June 2020. Also, except for the drainage and flushing sluices, it is questionable whether the other interventions will be finished in time.
- **Issue QPR17-2: Land Acquisition for Polder 35/1 Embankment Realignment is Stalled.** Due to erosion of the river at Polder 35/1, the alignment of the embankment has been shifted,

so a new 6.93 ha (1.8 kms) of land need to be acquired. The Consultant team has submitted the land acquisition proposal to DC office on 18 February 2019. For unknown reasons, the DC office has not yet sent the request to MoL for approval.

- **R** Issue QPR17-3: **Public Awareness of Grievance Redress Mechanism Needs to be Enhanced.** During the last 5 quarters for Package 02 (through December 2019), no new grievances have been reported. This would be good news if there are actually no issues, however, this is highly unlikely as the construction work is going on and RAP and LAP are being implemented. During field visits of M&E team, it was found that most PAPs are not aware of the GRM or they may have forgotten because it has been a few years since the awareness raising campaign was done by the DDCS&PMS Consultant. Access to grievance redress is not only the right thing to have in place for the benefit of the project-affected persons and communities, it is a covenant of the loan agreement with the World Bank. Furthermore, such access benefits the project by bringing issues to the fore before they reach a crisis level or produce bad publicity that could in the most extreme cases halt the project altogether.
- **R** Issue QPR17-4: **Slow Formation of WMOs Will Adversely Impact Project Benefits.** CEIP-1 seeks to provide coordination among the competing needs of various users and to ensure equity and sustainability by assigning operation and maintenance responsibility to the Water Management Groups (WMG) and polder-level Water Management Associations (WMA). As of 31 March 2020, only 52 (Khulna 11 & Bagerhat 41) of 146 WMGs have been formed but no WMAs formed yet. There are several reasons including delays in mobilization, less experienced professionals or key staff vacancies, lack of support (or even opposition) from local community leaders and in some cases lack of the NGO's experience in consultancy work. Further delay of having trained WMOs in place will adversely affect the planned benefits from the project as effective water management must occur in parallel with the physical improvements that are put in place.
- **R** Issue QPR16-1: **NGO Package S01-C (Pirojpur District) and Package S01-E (Patuakhali District) - work progress is slow.** NGO Package S01-C (Pirojpur District) has received notice to commence on 24 February 2019 and Package S02-E has received notice to commence on 02 May 2019. While the inception phase work has been done the tasks related to formation of WMOs have not sufficiently advanced. A revised realistic timetable for deliverables should be prepared within the original duration of the contract and the NGOs should commit to meet these new deadlines.
- **R** Issue QPR16-2: **Supervision Consultant Key Staff Vacancies Are Likely to Impede Work.** The RE of Package -2 have been absent for over a year, however RE of Package -1 has joined in his In prior quarter. The national Social Safeguard Specialist has also been absent for a long time. Key staff must be remobilized as the 2019/20 construction season gets underway.
- **R** Issue QPR15-1: **Communities Near Newly-Constructed Drainage Sluices that are in Operation Are Experiencing Problems.** Five drainage sluices in Polders 32 and 35/3 have been completed and have been in operation since early 2019. At each location, community members are reporting that they continue to suffer from salinity and/or waterlogging because the gates do not fully close. The Contractor should rectify and monitor water quality (specifically, salinity and pH) in the area affected in the interior of the polder. In cases where it is a social issue, the NGO responsible for the WMO formation and any ad hoc WMO

committee already in place should be made aware of the issue so they may participate in its resolution.

- **R** Issue QPR15-3: **DDCS&PMS Consultants do not meet all tasks of LAP preparation as per contract.** The LAP-related part of the scope of work includes: land management data; digital representation of cadastral maps and revenue maps with the plot number; central repository of all the land related data, owner details etc.; pictorial representation of Land Map on Satellite image; Viewing of daily Land Acquisition status on color coded thematic map; Customized report generation with graphical representation on charts, graphs with dashboard; Land Cost Estimation, Calculation & Payment to the Land owner; etc. A time-based action plan to deliver all elements should be developed by the Consultants and implemented.
- **R** Issue QPR12-1: **Package 02 Contractor physical progress is weak.** Comparing to Package 01 Contractor's progress five quarters after notice to proceed, the Contractor for Package 02 is off to a much worse start even though they are doing slightly better with respect to structures. Progress of the Package 02 contractor stood at about 5.65% (as of December 2018) whereas at this same point in time after NTP, the progress of the Package 01 contractor was about 18%. As of September 2019, after more than two years, progress is 33.3%. Even if one considers that Package two is 42 months compared to 36 for Package 01, the performance is poor. Resource-based detailed modular planning is required and Package 02 Contractor's senior management must continue to be engaged by DDCS&PMS Consultant and PMU.
- **R** Issue QPR9-1: **Functionality of PAVCs, PRACs and GRCs is At Risk.** Simply due to the lack of honoraria or allowance, committees that are critical to the Project are not functioning well and are at risk of losing the interest of participants. Participation in these committees represents additional duty and requires extra effort and expense for travel, which is not compensated. Since the World Bank will not cover additional payments to government employees and since it is the practice of GoB to pay honorarium for such service, it is recommended that the GoB consider including its own funds for such purpose in the revised DPP.
- **R** Issue QPR6-2: **Engineer Needs to Deploy Additional Site Staff** now that the Package 02 Contractor is mobilizing. - The DDCS&PMS Consultants have submitted a request for budget re-allocation for this purpose to the PMU and the way forward must be agreed quickly so there is adequate supervision in place. This is still pending with BWDB.
- **R** Issue QPR4-1: **Land Acquisition Cost Has Increased Dramatically.** World Bank and GoB to consider and formally agree on the budget re-structuring and financing to meet the increased land acquisition costs. Restructuring has now been agreed between the parties. Formal DPP approval is pending.
- **R** Issue QPR4-4: **Livelihood Restoration Program Needs Attention.** Limited training needs assessment has been done and no training delivered to date.
- **R** Issue QPR2-2: **DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment** to accommodate cost increases in estimated cost of works, land acquisition and consulting services (and change in the USD/SDR Exchange Rate as well as change in tax rate).

This process takes as long as one year. In 2019, the BWDB submitted a draft proposal for DPP revision to the World Bank through ERD that takes the project through June 2022.

- **R** Issue QPR2-10: **Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management.** While these competencies are not expected of the PMU since the Engineer has been hired for this purpose, such training and advice would benefit the Project and the BWDB. The World Bank has provided a useful one-day orientation in 2016 followed by another in April 2018, but more is needed.
- **R** Issue QPR1-4: **LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor.** As of 31 March 2018, compensation to non-titled EPs stood at 83% of compensated EPs for Package 01 and 95% of this number have vacated their premises (thus 79% of all non-titled EPs). This is good progress, but it spanned 18 months. As of March 2020, after more than four years, only to 2728 titled land-holders out of a total of 6787 in Package 01 have been compensated – 40.2% of titled EPs. While the scattered, non-contiguous encumbrance free stretches of embankment may have been a constraint initially, they are much less an issue now. Efforts must be made to avoid this type of problem persisting in Package 02, where after two years (as of June 2019), only 134 of 1777 titled EPs have been compensated and as of March 2019 only 701 out of 17257

[Status of All Issues Raised in Prior Quarters](#)

All the issues from the prior Quarterly Progress Reports – whether red flag issues or otherwise – are summarized in the chapter on Issues along with the current status of implementation of recommendations.

Summary of Plans for the Next Two Quarters

Finance and Administration:

- Additional disbursement will be requested from the World Bank.
- Revised DPP will be further discussed with a view to reprogramming and increasing funding level to address priority and global requirements of CEIP-1.
- Extension period budget expected to be finalized for DDCS&PMS Consultants and for M&E Consultants.

Procurement:

- For Package 03, the RAP/LAP and tender document preparation will be completed.
- Call for EOI will be issued for the Consultancy Services for the Feasibility Studies and Preparation of Design for the next phase of CEIP, shortlist will be announced, and proposals will begin to be evaluated.

Design:

Complete the small amount of Package 02 and 03 design that is outstanding and obtain approval.

Works:**Package 01**

Notice to commence was issued 26 January 2016. EOT was granted to 30 June 2020.

| Sl | Activity | Contract Quantity | Done through June 2018 | | Done from Jul 2018-June 2019 | | Work to be completed during 2019-20 | |
|----|------------------------------|-------------------|------------------------|-------|------------------------------|--------|-------------------------------------|------|
| | | | Full | Part | Full | Part | Full | Part |
| 1 | Embankment | 200.617 kms | 44.25 | 84.63 | 101.91 | 22.387 | 54.454 | 0.00 |
| 2 | Drainage Channel excavation | 151.21 kms | 27.51 | 0 | 87.26 | 0 | 36.44 | 0.00 |
| 3 | Drainage Sluice construction | 38 nos. | 20 | 12 | 15 | 3 | 3.00 | 0.00 |
| 4 | Drainage Sluice repair | 2 nos. | 0 | 2 | 2 | 0 | 0.00 | 0.00 |
| 5 | Flushing Sluice construction | 30 nos. | 15 | 6 | 13 | 1 | 2 | 0.00 |
| 6 | Flushing Sluice repair | 14 nos. | 0 | 9 | 12 | 1 | 2 | 0.00 |
| 7 | Slope protection | 19.966 kms | 3.73 | 0 | 11.58 | 0 | 4.652 | 0.00 |
| 8 | River Bank protection | 4.45 kms | 2.19 | 0 | 1.86 | 0 | 0.40 | 0.00 |
| 9 | Closure | 1 no. | 0 | 0 | 0 | 0 | 1 | 0.00 |

Package 02

Notice to commence was issued 12 July 2017, but physical works got underway in January 2018.

| Sl | Activity | Contract Quantity | Done through June 2018 | | Done from Jul 2018-June 2019 | | Work to be completed during 2019-20 | |
|----|--|-------------------|------------------------|------|------------------------------|-------|-------------------------------------|------|
| | | | Full | Part | Full | Part | Full | Part |
| 1 | Embankment | 208.71 kms | 18.6 | 3.3 | 0 | 13.24 | 100 | 0.00 |
| 2 | Drainage Channel excavation | 154.632 kms | 0 | 0 | 19.081 | 0 | 100 | 0.00 |
| 3 | Drainage Sluice construction | 50 nos. | 0 | 1 | 0 | 19 | 23 | 0 |
| 4 | Drainage Sluice repair | 6 nos. | 0 | 0 | 0 | 1 | 6 | 3 |
| 5 | Flushing Sluice construction | 50 nos. | 0 | 8 | 0 | 15 | 30 | 0 |
| 6 | Flushing Sluice repair | 30 nos. | 0 | 0 | 0 | 2 | 8 | 0 |
| 7 | Slope protection | 9.48 kms | 0 | 0 | 0.15 | 0 | 5 | 0.00 |
| 8 | Riverbank protection | 4.92 kms | 0 | 0 | 1.9 | 0 | 3 | 0.00 |
| 9 | Closure | 8 no. | 0 | 0 | 0 | 0 | 4 | 0 |
| 10 | Road Pavement on embankment and road crossing embankment | 51 kms | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | RCC Flood Wall construction (no longer required) | 0 kms (was 17) | -- | -- | -- | -- | -- | -- |

Construction Supervision:

The DDSC&PMSC will continue their focus on detailed planning with the Contractors to enable better monitoring to take place and more timely action on Contractor's part as delays will become apparent earlier. The S curves for Packages 01 and 02 appear at the end of the Executive Summary.

RAP/LAP:

The plans for RAP and LAP of Package 01 covering the next two quarters include:

- DLAC meeting for 0.58 ha of land in Polder-32 and 0.68 ha of land in Polder-35/3.
- DLAC meeting in section from km 4.250 to km 4.500, from km 14.750 to km 17.000.
- Program for development of database of land ownership and land taking under existing embankments with timetable.
- Ensure PRAC and GRC are functional and pro-actively supporting PAPs that will be displaced.

The plans for RAP and LAP of Package 02 covering the next two quarters include:

- Polder -39/2C: Issue notice under section (U/S)-7 will be served for the remaining two (2) mouzas; these are under Jhalokathi District.
- Polder-40/2: Out of 12.45 ha of land to be handed over only 0.77 ha land is not yet handed over; it is pending a court case.
- Polder-43/2C: Out of eleven (11) mouzas issue notice under section (U/S)-4 has been served for five (5) mouzas. For the remaining six (6) mouzas DLAC has approved four (4) mouzas for acquisition and two (2) mouzas are under process. Issue notice under section (U/S)-4 will be served for another two (2) mouzas.
- Polder-47/2: Notice under section (U/S)-7 will be issued for all lands.
- Polder-48: Out of 1.07 ha of land possession received for 0.90 ha. Notice U/S-4 will be issued for the remaining 0.17 ha land.
- Payment of compensation for titled EP's will continue.
- Ensure PRAC and GRC are functional and pro-actively supporting all affected persons, PAPs that will be displaced, and relocation process.
- Development of database of land ownership and land acquisition under existing embankments with timetable (representative sample from each package).

The plans for RAP and LAP of Package 03 covering the next two quarters include:

- LAP for all Polders under Package -3 to be finalized after proper verification by XEN, CEIP-1, Khulna. RAP for Package-3 has been submitted to World Bank by PMU on 03 July 2019.

Environmental Safeguards:

- Addressing the comments of WB and IPOE- Environment on EIA of Polder 14/1 and remaining EIA reports of Package 03.
- Conduct of the disclosure meeting of Package 03 EIAs.
- Preparation of 9th Bi-Annual Environmental Monitoring Report and submitting to WB,
- Continuous supervision and monitoring of the Contractors' implementation of EHS activities.

Monitoring and Evaluation:

The M&E Consultants are to prepare the 18th and 19th Quarterly Progress Reports and 2019-2020 Annual Progress Report, complete the second round Baseline Survey data analysis given the staggered start-up of Package 02, prepare the Baseline Survey Report, improve on the web-based PMIS, participate in preparing the 9th Bi-Annual Environmental Monitoring Report, monitor the performance of CEIP-1, review the reports of the various CEIP-1 consultants and provide M&E training. The M&E team will also participate in any ISR missions of the World Bank.

1. PROJECT BACKGROUND

After the implementation of CERP-II, Cyclone Sidr struck in 2007 and then Cyclone Aila in 2009, causing extensive damage and losses including loss of life. The Government of Bangladesh obtained a Credit of US\$ 375 million from the International Development Association (IDA) and a Grant of US\$ 25 million from the Climate Investment Fund (CIF) to finance the cost of the Coastal Embankment Improvement Project-Phase I (CEIP-I).

The objective of the investment is to support the Government of Bangladesh's efforts to protect the population and their productive assets in the polders and strengthen the embankments' long-term durability through embankment heightening, improved drainage, and foreshore afforestation. The project aims at restoration of the agriculture sector within the polder areas and rehabilitation of infrastructure with designs of a climate resilient standard that can guard against both tidal flooding and frequent storm surges.

The project will pilot the mobilization of Water Management Organizations (WMOs) to provide coordination among the competing needs of various users and to ensure sustainability by assigning maintenance responsibility to the WMO.

The project will also provide long term monitoring of the coastal zone, technical assistance, and strategic studies and training to strengthen the role of the polder infrastructure in protection of human lives, physical assets, the environment and agricultural productivity.

Most importantly it will support the initial implementation of the first slice of a fifteen- to twenty-year program for polder scheme rehabilitation and upgrading. Given Bangladesh's high level of vulnerability to natural disasters and climate change, and the large population residing in the coastal zone, this project is vital to its development. A map showing the Polders included under the Project is presented in Annex 1. A description of the basic characteristics of the polders included under the Project is presented in Annex 2 and the key outcomes of the project are as follows:

| | Key PDO Indicator | Original Target | Current Target (after restructuring) |
|---|------------------------------|------------------|--------------------------------------|
| 1 | Gross Area Protected | 100,800 hectares | 66,012 hectares |
| 2 | Direct Project Beneficiaries | 760,000 people | 724,202 people |
| 3 | Cropping Intensity | 180% | 180% |

This QPR covers the entire Project, with all components as presented below.

Component A - Rehabilitation and Improvement of Polders (US\$291 million).

Component A1: Rehabilitation and Improvement of Polders (US\$ 286 million). (US\$ 266 million from IDA Credit; 20 million Grant from PPCR). The reconstruction and rehabilitation works will be designed with improved standards so that protection is for both tidal flooding and frequent storm surges. Investments will include improving O&M systems improvements.

Component A2: Afforestation (US\$5 million). Afforestation is important as it provides protection from tidal flooding and storm surge. This will include:

- Planting selected mangrove and other salt tolerant species are planned on BWDB's on the riverside of the embankment.
- Planting a range of commercial wood, fruit and other shallow rooting social forestry tree species is proposed on the foreshore lower slopes of embankments.

Plantings would commence after resolving land ownership and competing land-use (fish and shrimp ponds, rice paddies, livestock grazing, settlement, etc.) issues and the completion of needed earthworks on the embankments.

Component B-Implementation of Social and Environmental Management Frameworks and Plans (US\$56 million).

Component B1: Implementation of Social Action Plans (US\$3 million). It is envisaged that this component, along with the social afforestation (Component A2) will be implemented through a well-established Non-Government Organization (NGO). Social mobilization is expected to last around two years. This will be piloted in 4-6 polders and follow an eight step process, as identified in the Guidelines for Integrated Planning for Sustainable Water Resources Management, published by BWDB in 2008. The objective is to enable participatory WMOs to become responsible for the operation and minor maintenance works of the polders under a memorandum of understanding with BWDB and enhance efficiency of local water management with their involvement. Should the participatory approach prove to be successful, it would be scaled up under the next phase of investments.

Component B2: Implementation of Social Management and Resettlement Policy Framework (SMRPF) and Resettlement Action Plans (RAPs) (US\$49 million). This component will finance:

- (i) the implementation of the RAP, including land acquisition and the resettlement and rehabilitation of PAPs,
- (ii) the development of a system to computerize land acquisition and resettlement data with Global Positioning System (GPS) reference, and
- (iii) an independent institute to undertake surveys and verify field data in order to guard against improper targeting of beneficiaries and/or false delivery of benefits in case of RAP.

Component B3. Implementation of EMF and EMPs (US\$4 million). This component will finance:

- (i) the preparation of EIAs for all remaining polders;
- (ii) the implementation of the Environment Management Plan (EMP) and environmental mitigation and enhancement measures; and
- (iii) the establishment of an environmental monitoring system in BWDB.

Some of the items under EMP will be integrated with the civil works and included in the budget of Component A1.

Component C- Construction Supervision, Monitoring and Evaluation of Project and Coastal Zone Monitoring (US\$32 million)

Component C1: Detailed Design and Construction Supervision (US\$16 million). This component will cover consulting services for

- (i) surveys, designs of remaining polders to be included in the project (other than the 5 for which detailed designs have already been completed), and
- (ii) Construction supervision of rehabilitation and improvement of coastal embankments.

The component will also finance surveys required prior to construction work.

Component C2: Third Party Monitoring and Evaluation of Project (US\$4 million). This component will cover consulting services for continuously monitoring project activities and providing feedback to the government and the implementing agency on the project's performance. This includes supervising the implementation of the Governance and Accountability Action Plan (GAAP), EMP and RAP. This will be provided through third party assessment and monitoring of key aspects of project implementation.

Component C3: Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone (US\$12 million at appraisal, but \$8.5 million in DPP). (US\$7 million from IDA credit; US\$5 million Grant from PPCR).

The project will support a comprehensive monitoring and morphological assessment of the Bangladesh Delta by financing procurement of goods, services, and incremental operation costs including for advanced technology and equipment, high resolution remote sensing images etc. This work will be carried out by key institutions in Bangladesh in cooperation and twinning arrangements with international institutions and experts concerning specific topics.

Component D - Project Management, Technical Assistance, Training and Strategic Studies (US\$21 million).

Sub-Component D1: Project Management Unit (PMU) will be established and maintained and all necessary audit reports financed;

Sub-Component D2: Technical assistance and training will support the coordination and management of the PPCR at program level and provide institutional capacity building, technical assistance and training for BWDB.

Sub-Component D3: Strategic studies and future project preparation: whereby resources will be provided for needed strategic studies (including the continuous updating of the strategic polder assessment as well as all necessary preparatory studies for following phases of the CEIP.

Component E - Contingent Emergency Response: This component is included to enable a speedy response in the event of a serious calamity. It will enable quick re/allocation of funds for such event, but has no fund allocation at appraisal.

2. PROJECT INPUTS

2.1 Finance and Disbursements

Due to the COVID-19 pandemic, PMU staff have been generally working from home and have not been able to provide financial data. Therefore, the data presented here are from 31 December 2019.

Disbursements from the World Bank to the Project

Cumulative figures of disbursements from the World Bank (and PPCR) to the BWDB appear below, converted from BDT to USD at a rate of 79 BDT per USD.

Disbursements to the Project stand at 47.07% of the total amount as of 31 December 2019 which is up very slightly from 46.95% in the prior two quarters and up from the prior fiscal year's 25.72%. The total disbursed to date is \$190.6 million comprised of IDA Credit US\$165.7 million plus Trust Fund PPCR Grant US\$24.9 million.

Table 2: World Bank Disbursements to CEIP-1

| Cumulative as of Given Date | IDA Credit | PPCR Grant | Total | As % of Total Project Cost |
|--------------------------------|---------------|---------------|---------------|-------------------------------|
| | (USD million) | (USD million) | (USD million) | |
| 31-Mar-19 | Not available | Not available | Not available | Not available |
| 31-Dec-19 | 165.709 | 24.920 | 190.629 | 47.66% |
| 30-Sep-19 | 163.342 | 24.920 | 188.262 | 47.07% |
| 30-Jun-19 | 163.342 | 24.474 | 187.816 | 46.95% |
| 30-Jun-18 | 82.871 | 20.000 | 102.871 | 25.72% |
| 30-Jun-17 | 38.481 | 16.876 | 55.357 | 13.84% |
| 30-Jun-16 | 17.215 | 8.608 | 25.823 | 6.46% |

There has been a dramatic improvement in both disbursements by the World Bank and expenditures by the Project during the last 6 quarters as works and land acquisition expenditures have accelerated.

Project Expenditures

Tables 3 and 4 present the Revenue/ Input Expenditure Data as well as Capital/ Output Expenditure Data as of 31 December 2019.

Revenue expenditures in the second quarter of FY 2019/2020 were at 6.83% of the planned expenditures for the current FY (column 8, last row of Table 3), which is typical for first quarters given it is rainy season and pending bills would have been cleared by the close of the prior fiscal year.

Cumulatively, revenue expenditures stand at 45.85% of the project budget for these expenditures as of 31 December 2019 (column 10, last row), up from 32.39% six quarters earlier in June 2018.

As for capital expenditures, the expenditures reached 3.87% of the planned expenditures for the current FY (column 8, last row of Table 4). Cumulatively, the project has disbursed 44.3% of the total budgeted for the project (last row of column 10). This represents a 1.0% expenditure of the project's total capital budget expended in the first two quarters of the fiscal year compared to a remarkable 18.9% of the project's total capital budget having been expended during the 2018-19 fiscal year.

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

Table 3: Revenue Expenditures / Input Cost up to 2nd Quarter of FY 2019-20 (as of 31 Dec 19)

| | | All BDT in Lakh Taka ("00,000) | | | | | | | | |
|---|--|--------------------------------|------------------|-------------------|------------------------------|---------------|---------------------------------|----------------|--|---------------|
| Services Package | | Planned for | | Progress | | | Achieved (%) of this FY against | | Cum. achieved against the Total Project Cost | |
| Major items of action | | Total Project | FY 2019-20 | Cum. upto last FY | This (2nd) Quarter of the FY | This FY | | This FY's Plan | | Total Project |
| Rf # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 |
| 1. Implementation of SAP and EMP | | | | | | | | | | |
| 1.a | Resettlement / Compensation Payments other than Land Acquisition | 12,700.00 | 2,000.00 | 8,969.70 | 12.59 | 12.59 | 15,937 | 0.6% | 0.1% | 70.73% |
| 1.b | Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. setting up WMOs) | 1,987.21 | 1,200.00 | 231.54 | 81.37 | 81.37 | 103,000 | 6.8% | 4.1% | 15.75% |
| 2. Construction Supervision, M&E, Delta Monitoring | | | | | | | | | | |
| 2.a | Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 14,092.29 | 2,400.00 | 10,041.42 | - | - | - | - | - | 71.25% |
| 2.b | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP | 2,699.51 | 500.00 | 1,761.41 | 56.83 | 56.83 | 71,937 | 11.4% | 2.1% | 67.35% |
| 2.c | Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone | 11,860.60 | 4,100.00 | 2,391.72 | 516.89 | 516.89 | 654,291 | 12.6% | 4.4% | 24.52% |
| 3. Project Management, TA, Training, Strategic Studies | | | | | | | | | | |
| 3.a | Project management support and audits | 9,600.21 | 783.00 | 2,421.82 | 93.44 | 149.93 | 189,785 | 19.1% | 1.6% | 26.79% |
| 4. | Overseas Training | 745.45 | 250.00 | 302.20 | - | - | - | - | - | 40.54% |
| 5. | Honorarium/ Fees/ Remuneration | 30.00 | 7.00 | 13.93 | 1.45 | 1.45 | 1,835 | 20.7% | 4.8% | 51.27% |
| Other Activities not yet undertaken * | | 5,069.09 | 760 | - | - | - | - | - | - | - |
| Sub-total Revenue Component | | 58,784.36 | 12,000.00 | 26,133.74 | 762.57 | 819.06 | 1,036,785 | 6.83% | 1.39% | 45.85% |
| * Other Activities include the activities - "Consultancy Services for Institutional Capacity building and Feasibility studies and preparation of design for the follow ing phase of CEIP" | | | | | | | | | | |
| Source: IMED-05 report December, 2019 of CEIP-I | | | | | | | | | | |
| | | | | | | | | | | 1 USD=79 BDT |

Table 4: Capital Expenditures / Output Cost as of 2nd Quarter of FY 2019-20 (as of 31 Dec 19)

| | | All BDT in Lakh Taka ("00,000) | | | | | | | | |
|--|--|--------------------------------|------------------|-------------------|------------------------------|-----------------|---------------------------------|----------------|--|---------------|
| Goods & Works Package | | Planned for | | Progress | | | Achieved (%) of this FY against | | Cum. achieved against the Total Project Cost | |
| Component / Sub-Component | | Total Project | FY 2019-20 | Cum upto last FY | This (2nd) Quarter of the FY | This FY | | This FY's Plan | | Total Project |
| Rf # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 |
| 1.a | Equipment and goods under Comp. B, C, D (6800) | 1,545.30 | 600.00 | 717.38 | - | 0.73 | 924.00 | 0.122% | 0.047% | 46.5% |
| 1.b | Afforestation | 3,280.00 | 1,000.00 | 250.00 | 200.00 | 200.00 | 253,165.00 | 20.0% | 6.1% | 13.7% |
| 2.a | Acquisition of Land (544.16 ha) | 45,394.95 | 3,000.00 | 21,552.40 | - | - | - | - | - | 47.5% |
| 3.a | Construction & Reconstructions of Drainage Structures (7041) | 29,602.93 | 7,000.00 | 6,800 | - | - | - | - | - | 23.0% |
| 3.b | Others (7081) | 173,904.23 | 56,400.00 | 81,715.01 | 2,428.69 | 2,428.69 | 3,074,291 | 4.3% | 1.4% | 48.4% |
| Other Activities not yet undertaken ** | | 2,815.00 | - | - | - | - | - | - | - | - |
| Sub-total Capital Component | | 256,542.41 | 68,000.00 | 111,034.79 | 2,628.69 | 2,629.42 | 3,328,380 | 3.87% | 1.02% | 44.3% |
| ** Other Activities include the activities - "CD & SD" | | | | | | | | | | |
| Source: IMED-05 report December, 2019 of CEIP-I | | | | | | | | | | |
| | | | | | | | | | | 1 USD=79 BDT |

Table 5 presents the share of expenditures for revenue items. It shows a 19.2% share to date (compared to 21.5% in June 2018) which is in line with the overall life-of-Project plan of 18.6% as land acquisition disbursements have been much higher than originally expected and works have recently intensified. The expenditure under consultancies and non-titled compensation normally precedes capital (works and land acquisition) expenditures due to design, procurement and land title documentation efforts required. For the current fiscal year, revenue expenditure is higher as of the 2nd quarter since works see limited progress during the monsoon. Capital expenditures will certainly increase substantially in the 3rd and 4th quarters.

Table 5: Share of Disbursement which is Revenue Expenditure – as of 31 December 2019

| | Planned for FY 2019-20 | Actual up to this Quarter of FY 2019-20 | Actual Inception to Date | Plan for Overall Project |
|--------------------------------|------------------------|---|--------------------------|--------------------------|
| Revenue Expenditure | 15,189,873 | 1,036,785 | 34,117,469 | 74,410,582 |
| Capital Expenditure | 86,075,949 | 3,328,380 | 143,878,747 | 324,737,228 |
| Share of Cost which is Revenue | 15.0% | 23.8% | 19.2% | 18.6% |

As of December 2019, the Loan had become effective for 76 months. According to the IMED reports prepared by PMU, total disbursement by the project to date is as follows:

Cumulative Disbursements by the Project

| Date | Cumulative Disbursed (\$million) | Cumulative Disbursed (% of total project cost) |
|-----------|----------------------------------|--|
| 30-Dec-19 | Not available | Not available |
| 30-Dec-19 | 178.00 | 44.5% |
| 30-Sep-19 | 173.70 | 43.4% |
| 30-Jun-19 | 173.63 | 43.4% |
| 30-Jun-18 | 96.96 | 23.4% |
| 30-Jun-17 | 50.44 | 12.6% |
| 30-Jun-16 | 21.97 | 5.7% |

Source: IMED reports

A total of \$101.27 million is projected to be expended during the current FY 2019-20.

Annex 4 provides further details on the status on Finance and Disbursements by the Project.

2.2 Project Inputs – Personnel and Equipment

2.2.1 Project Organization Chart

The Project Organization chart is depicted in Figure 2 below.

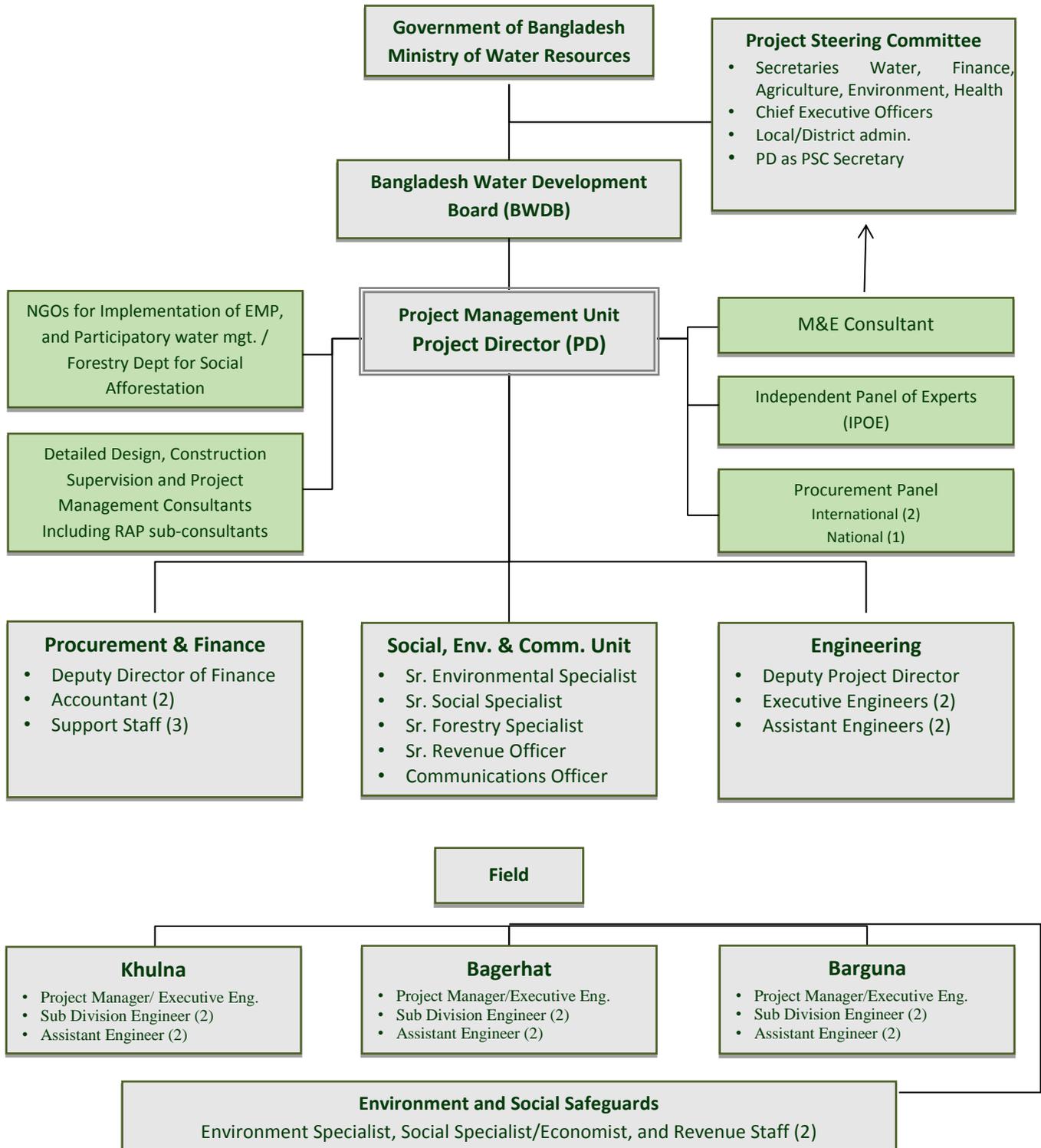


Figure 3: Project Organization Chart

2.2.2 Project Management Unit (PMU)

The PMU is to oversee overall project implementation. The Project Director (PD) is in charge of the PMU. The PD is signatory of all relevant project actions including on the project accounts.

PMU staff assists the PD in the discharge of project duties. The list of staff and deployment dates is attached as Annex 2. The PMU office and staff in Dhaka oversee all consultants working on the project. The PMU maintains three district-based offices in Khulna, Bagerhat, and Barguna. The Khulna office has had a CEIP-1 dedicated XEN since 2015 who looks after Package 01 works in both Khulna and Bagerhat Districts with the assistance of the regular BWDB staff in the Bagerhat office as needed. Instead of designating a CEIP-1 XEN for Package 2 of existing O&M division, the regular BWDB XENS for the four districts concerned have been directed by BWDB to take an additional responsibility of CEIP-1.

2.2.3 Detailed Design, Construction Supervision and Project Management Support Consultant (DDCS&PMSC)

The DDCS&PMSC has been engaged for the design of the physical works and to devise and implement the Resettlement Action Plan and implement the Environment Impact Assessment (EIA) and Environment Implementation Plan (EMP). The DDCS&PMSC also supervises construction as the Engineer under FIDIC conditions of contract. The DDCS&PMSC is comprised of Royal HaskoningDHV in association with DevCon, DPM, IWM and DHI.

The Consultant was mobilized in January 2015. The DDCS&PMSC maintains two field offices. The DDCS&PMS Consultant retains contractual responsibility for these services.

The status of the most critical key staff deployment is shown in the table below.

- Position of Construction Resident Engineer (Int.) for Package 01 has been vacant since August 2018
- Position Resettlement Specialist (Nat.) is vacant for a long period of time.

Table 6: Status of Deployment of Most Critical Staff of DDCS&PMS Consultant

| Sl. | Position | Name | Status | Status | Status |
|-----|--|-------------------------------------|--|--|---------------------------|
| | | | 31-Dec--18 | 31-Dec-19 | 31-Mar-20 |
| | Professional | (International) | | | |
| 1 | Team Leader | Jean Henry Laboyrie & Gerard Pichel | Derk Jan (Dick) Kevelam in place | In place, though Laboyrie to replace Kevelam in October 2019 | Laboyrie in place |
| 2 | Construction Resident Engineer- Package 01 | Paul Zwetsloot | Vacant | Vacant | Vacant |
| 3 | Construction Resident Engineer- Package 02 | Trevor Morrish Hale | Vacant as of Aug 2017; One candidate approved but failed to join due to health; proposed candidate under review. | GM Akram Hossain in place | GM Akram Hossain in place |

| Sl. | Position | Name | Status 31-Dec--18 | Status 31-Dec-19 | Status 31-Mar-20 |
|-----|--------------------------------------|---------------------|------------------------------------|------------------------------|------------------------------|
| | Professional | (National) | | | |
| 1 | Deputy Team Leader | Md. Habibur Rahman | In place | In place | In place |
| 2 | Deputy Resident Engineer-Pkg 01 | Mazibur Rahman Khan | Vacant | A.K.M. Sayeed Uddin in place | A.K.M. Sayeed Uddin in place |
| 3 | Deputy Resident Engineer-Pkg 02 | Md. Gulzer Hossain | Mr. Abu Sayed Kamruzzaman in place | Mohammad Ali in place | In place |
| 4 | Resettlement Specialist/ Sociologist | M. A. Latif | Md. Zainal Abedin | Vacant | Vacant |

The DDCS&PMSC's RAP Team commenced their field work on 01 March 2015. On 01 March 2016, a second field team was established for the Package 02 polders.

Status of deployment of consultant's RAP Team

- The staffing pattern today is very much reduced from the first years of the project.
- There are now only 14 staff whereas there used to be 37. There is a concern as to whether this is contributing to the length of time required to prepare indents and process compensation.
- In addition, FGD/community consultation would have been substantially reduced.

2.2.4 NGO Consultancy Service to Implement: (a) Social Mobilization with Social Action Plan (including setting up WMOs), (b) Social Afforestation and (c) Integrated Pest Management (IPM) Plan

According to the policy of the GoB, work on WMO formation should begin prior to commencement of civil works so that users are consulted during both design and implementation of the project and to ensure ownership and commitment to effective O&M. These consultancies have been delayed, but the five NGO contracts have been awarded – three in February 2019 and two in April 2019 – and work is underway. Earlier, it was planned to implement social afforestation through these same NGOs, however, considering sustainability/raising of the planned trees (which takes at least 10 years) after completion of the project, it was decided to carry out the task of planting trees through the Bangladesh Forest Department (BFD) with which MOUs have been executed.

The NGOs are involved in motivation and awareness raising of the local people towards afforestation program, group formation for the afforestation under social forestry rule, provide training to the participants and other stakeholder, explore the suitable livelihood options for the participants etc. along with the other two (2) main tasks - i.e., Social Mobilization with Social Action Plan (incl. setting up WMOs) and Integrated Pest Management (IPM) Plan. World Bank has concurred with this changed arrangement.

There are five packages for doing NGO services consultancy implementation, therefore, their contract signing date, services commenced date and office setup status are given below-

- **Package S01-A (Khulna District)** – Contract signed on February 24, 2019 and services commenced from March 18, 2019. Office setup has been done, one is at Khulna and another one is at Dacope.
- **Package S01-B (Bagerhat District)** – Contract signed on February 24, 2019 and services commenced from March 18, 2019. Office setup has been done, one is at Bagerhat and another one is at Sharonkhola.
- **Package S01-C (Pirojpur District)** – Contract signed on February 24, 2019. The Consultant has commenced the services from March 18, 2019. Office setup has been done at Bhanadaria.
- **Package S01-D (Barguna District)** – Draft Contract signed on 08 April, 2019. Contract signed on 02 May, 2019. Office setup has been done, one is at Barguna and another one is Patharghata.
- **Package S01-E (Patuakhali District)** – Contract signed on 02 May, 2019. Office setup has been done, one is at Galachipa and another one is Kalapara.

2.2.5 Consultancy Service for Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone

The Consultants have been engaged for Long Term Monitoring Research and Analysis of Coastal Zone of Bangladesh. The objectives of the studies are:

1. Create a framework for polder design, based on understanding of the long term and large-scale dynamics of the delta and on sustainable polder concepts.
2. Present an overview of values of relevant parameters at locations in the polder area, now and in the future, as boundary conditions for polder design and management
3. Develop a long-term investment plan for implementation of the proposed design and management improvements leading to integrated water resources management, targeting sustainable development goals.
4. Build the analytical foundation and technical capacity of BWDB and other stake holders including local communities, as appropriate, to engage in science driven decisions on floods, storm surges and drought hazards in the coastal region of Bangladesh;

The Consultant mobilized on 28 October 2018. The project office is situated at Flat #3/B, House #4, Road #23/A Block B, Banani, Dhaka-1213. The office was fully equipped and functional on 14th December 2018.

2.2.6 Works Contractors

2.2.7 Works Contractor Package 1

The First Engineering Bureau of Henan Water Conservancy of China was contracted on 01 November 2015 for the construction work involving Polder 32, 33, 35/1 and 35/3 and received notice to commence on 26 January 2016. The original Project Manager was replaced at the request of the Engineer due to poor performance.

Table 7 provides the contractor's manpower mobilization status at the end of the quarter compared to the prior quarter. The number of staff is higher as of 31 March 2020 compared to 31 December 2019 which is expected since it was pre-dry season in the prior quarter. A list of the contractor's key staff with contact details is given in Annex 3.

Table 7: Manpower Mobilized by Package 01 Contractor

| SN | Staff Category | Total Nos. 31 Dec 2019 | Total Nos. 31 Mar 2020 | Khulna | 32 | 33 | 35/1 | 35/3 |
|----|------------------|------------------------|------------------------|--------|-----|-----|------|------|
| 1 | Management | 4 | 4 | 1 | 1 | 1 | 1 | 1 |
| 2 | Technical Staff | 76 | 82 | 19 | 14 | 17 | 19 | 13 |
| 3 | Operator/ Driver | 99 | 128 | 2 | 40 | 22 | 34 | 30 |
| 4 | Skilled Worker | 64 | 77 | 3 | 20 | 16 | 24 | 14 |
| 5 | Laborers | 291 | 291 | 4 | 36 | 151 | 80 | 20 |
| 6 | Logistic | 21 | 20 | 2 | 5 | 5 | 4 | 5 |
| | Total | 555 | 602 | 31 | 116 | 212 | 162 | 83 |

Source: Contractor CHWE Monthly Progress Report, September and December 2019

Tables 8 and 9 present the contractor's equipment mobilization status against Engineer's estimate of requirements, which was updated in March 2020. The DDCS&PMSC calculated the equipment needs for Contract W-01 based on standard capacities and utilization.

Table 8: Required Equipment –Estimate of DDCS&PMSC Package 01

| Name of Polder | Bulldozer S.F roller, Compactor (150 HP) | Dump Truck + carry Scrapper | Exca- vator | Concrete Mixing Machine | Sand pile driving equip- ment | Sheet pile driving equip- ment | CC block manu- facturing machine | Batching plant | Positioning ship | Survey Vessel | Barge | Wheel Loader |
|----------------|--|-----------------------------|-------------|-------------------------|-------------------------------|--------------------------------|----------------------------------|----------------|------------------|---------------|-------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 32 | 6 | 23 | 13 | 6 | 4 | | 2 | 2 | 1 | 1 | 6 | 3 |
| 33 | 5 | 17 | 11 | 12 | 10 | 2 | 1 | 1 | 1 | 1 | 6 | 2 |
| 35/1 | 12 | 48 | 23 | 15 | 9 | 2 | 3 | 3 | 1 | 1 | 8 | 3 |
| 35/3 | 5 | 16 | 9 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 4 | 6 |
| Total | 28 | 104 | 56 | 40 | 28 | 6 | 7 | 7 | 4 | 4 | 24 | 14 |

"nr" denotes "not reported"

Source: Report Received from DDCS&PMSC, March 2020

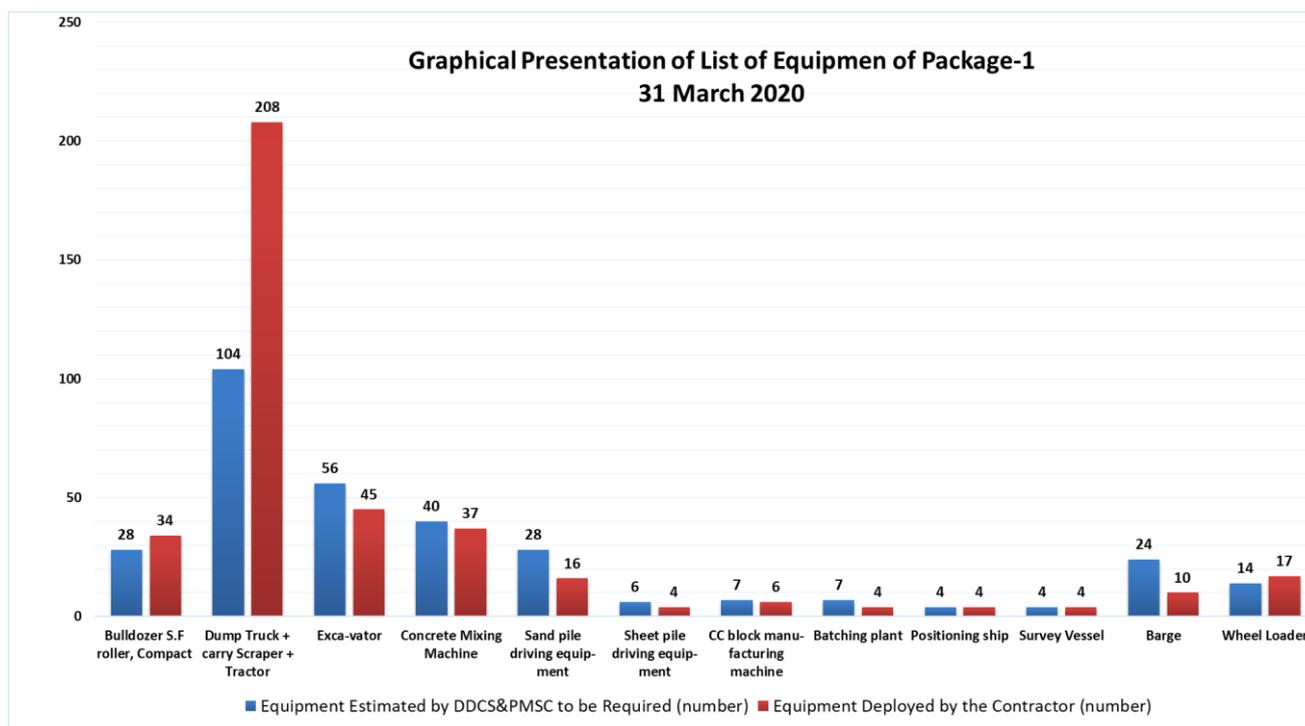
Table 9 shows the actual equipment in place as of 31 December 2019. Given the revised Work Program that was approved by DDCS&PMS Consultants (as Engineer) and its 17-month extension of time, these levels appear to be adequate.

Table 9: Equipment Deployed by Package 01 Contractor as of 31 March 2020

| Name of Polder | Bulldozer S.F roller, Compact | Dump Truck + carry Scrapper + Tractor | Exca- vator | Concrete Mixing Machine | Sand pile driving equip- ment | Sheet pile driving equip- ment | CC block manu- facturing machine | Batching plant | Positioning ship | Survey Vessel | Barge | Wheel Loader |
|-----------------|-------------------------------|---------------------------------------|-------------|-------------------------|-------------------------------|--------------------------------|----------------------------------|----------------|------------------|---------------|-------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 32 | 1+2+0 | 15+5+38 | 9 | 6 | 4 | 1 | 2 | 0 | 1 | 1 | 2 | 3 |
| 33 | 3+0+0 | 10+5+36 | 10 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 35/1 | 15+0+5 | 32+3+25 | 15 | 18 | 5 | 1 | 2 | 2 | 1 | 1 | 4 | 6 |
| 35/3 | 6+2+0 | 12+5+22 | 11 | 7 | 6 | 1 | 1 | 1 | 1 | 1 | 2 | 6 |
| Total 31 Mar 20 | 34 | 208 | 45 | 37 | 16 | 4 | 6 | 4 | 4 | 4 | 10 | 17 |
| Total 31 Dec 19 | 34 | 208 | 45 | 37 | 16 | 4 | 6 | 4 | 4 | 4 | 10 | 17 |

Source: Contractor CHWE Monthly Progress Reports of December and March 20120

Figure 4: Comparison of Equipment Available and Required – Package 01



Source: Contractor CHWE Monthly Progress Reports of March 20120

2.2.7.1 Works Contractor Package 2

| Background and Status Prior Quarter | Current Quarter update |
|---|--|
| Contractor has deployed key staff and a substantial percentage of required equipment is now in place. Pre-construction survey works and campsite construction are underway. Emergency works have taken place in two locations. | Pre-construction survey works, and campsite construction are continuing. |
| <p>As background: Notice of Award was issued to Chongqing International Construction Corporation of China (CICO) on 15 December 2016 and contract was signed on 08 March 2017. Contractor has received the first 5% advance payment in June 2017 and the second advance payment in June 2018. Notice to commence was issued on 12 July 2017.</p> <p>Automated CC block machines have been delivered and have been commissioned.</p> | |

Table 10: Manpower Mobilized by Package 02 Contractor

| SN | Staff Category | Total Nos. | Total Nos. 31 Mar 2020 | | | | | | | | |
|-------|------------------|-------------|------------------------|-------------|-------|------|------|-------|------|----|-----|
| | | 31 Dec 2019 | Dhaka | Patua-khali | 39/2C | 40/2 | 41/1 | 43/2C | 47/2 | 48 | |
| 1 | Management | 7 | 8 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| 2 | Technical Staff | 128 | 156 | 2 | 0 | 46 | 10 | 25 | 14 | 4 | 55 |
| 3 | Operator/ Driver | 178 | 220 | 2 | 2 | 54 | 31 | 28 | 41 | 9 | 53 |
| 4 | Skilled Worker | 229 | 310 | 0 | 1 | 63 | 20 | 116 | 55 | 18 | 37 |
| 5 | Laborers | 523 | 528 | 2 | 2 | 45 | 85 | 131 | 103 | 27 | 133 |
| 6 | Admin/Support | 39 | 34 | 1 | 0 | 10 | 3 | 10 | 2 | 2 | 6 |
| Total | | 1104 | 1256 | 9 | 8 | 220 | 150 | 310 | 215 | 60 | 284 |

Source: Contractor CICO Monthly Progress Report, September and December 2019

Table 11 presents the equipment requirements according to the DDCS&PMS Consultants.

Table 11: Equipment Requirements and Status – Package 02

| Name of Polder | Equipment Estimated by DDCS&PMS to be Required (number) | | | | | | | | | | | | | | | |
|----------------|---|---------------|---------------------------------|-----------------------|------------------------|----------|---------------|-----------------|--|---|---------------|----------|------------------|-----------------------|---|--------------------|
| | Exca- vator | Dump Truck | Bull- dozer and Roller | Flat- bed Truck | Truck with crane | Crane | Pay loader | Water Bowser | Sheet pile driving equip- ment | Sand pile driving equip- ment | Fork- lift | Barge | Survey Vessel | Position- ing ship | CC block manu- facturing machine | Mixture Machine |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 39/2C | 14 | 20 | 5 | 3 | 1 | 1 | 4 | 1 | 1 | 3 | 15 | 3 | 0 | 0 | 5 | 3 |
| 40/2 | 9 | 11 | 3 | 1 | 0 | 0 | 3 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 4 |
| 41/1 | 5 | 6 | 1 | 2 | 1 | 0 | 4 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 7 |
| 42/3C | 6 | 8 | 2 | 0 | 0 | 0 | 3 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| 47/2 | 2 | 3 | 1 | 2 | 0 | 0 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 6 |
| 48 | 13 | 21 | 6 | 3 | 1 | 0 | 7 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 5 |
| Total | 49 | 69 | 18 | 11 | 3 | 1 | 24 | 5 | 6 | 11 | 22 | 4 | 0 | 0 | 5 | 29 |

Table 12 reports on the equipment available with the Package 02 Contractor.

Table 12: Equipment Deployed by Package 02 Contractor as of 31 December 2019

| Name of Polder | Equipment Estimated by DDCS&PMS to be Required (number) | | | | | | | | | | | | | | | |
|----------------------------|---|---------------|---------------------------------|-----------------------|------------------------|----------|---------------|-----------------|--|---|---------------|----------|------------------|-----------------------|---|--------------------|
| | Exca- vator | Dump Truck | Bull- dozer and Roller | Flat- bed Truck | Truck with crane | Crane | Pay loader | Water Bowser | Sheet pile driving equip- ment | Sand pile driving equip- ment | Fork- lift | Barge | Survey Vessel | Position- ing ship | CC block manu- facturing machine | Mixture Machine |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 39/2C | 14 | 10 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 0 |
| 40/2 | 33 | 66 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 41/1 | 14 | 13 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 1 | 0 | 5 | 0 |
| 42/3C | 27 | 9 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 7 | 0 |
| 47/2 | 3 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 0 |
| 48 | 10 | 38 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| Total 31 Mar 20 | 101 | 140 | 19 | 0 | 0 | 0 | 19 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 50 | 0 |
| Total 31 Dec 19 | 36 | 78 | 11 | 11 | 3 | 1 | 21 | 5 | 0 | nr | 66 | 3 | 0 | 5 | 5 | 51 |
| Total 30 Sep 19 | 36 | 78 | 11 | 11 | 3 | 1 | 21 | 4 | 0 | 7 | 65 | 3 | nr | 0 | 5 | 51 |
| Total 30 Jun 18 | 31 | 69 | 9 | 11 | 3 | 1 | 21 | 4 | 0 | 6 | 39 | 0 | nr | 0 | 5 | 15 |

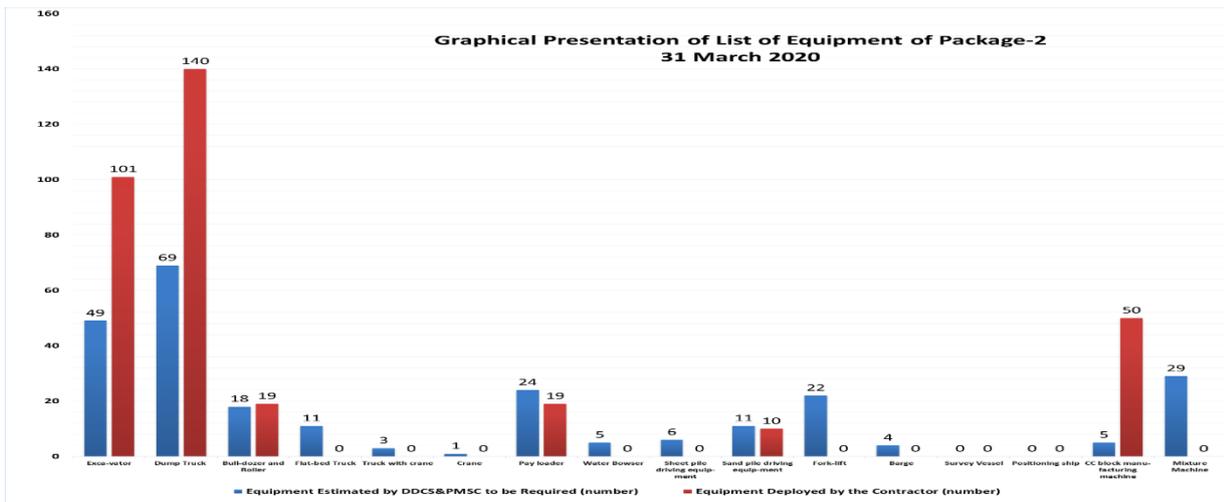


Figure 5: Comparison of Equipment Available and Required – Package 02

Source: DDCS&PMS Consultant Monthly Progress Report and CICO Contractor Monthly Progress Report, March 2020.

2.2.7.2 Works Contractor Package 3

Being deferred to a future phase of CEIP.

2.2.8 Third Party M&E Consultants

| Background and Status Prior Quarter | Current Quarter update |
|---|--------------------------------|
| <p>As background, the M&E Consultants assist the PMU in monitoring the RAP, SAP and EMP and in monitoring processes and outputs and evaluating the impacts of CEIP-1 overall. The M&E Consultants signed the contract on 01 October 2015 and mobilized on 01 November 2015. All of the key staff have been mobilized. The national Environmental Specialist, became unavailable and a candidate was proposed as his replacement in August 2016 and subsequently approved. The national Social Safeguards Specialist became unavailable and a candidate was proposed in January 2019 and subsequently approved and mobilized on 01 August 2019.</p> <p>A budget-neutral contract modification #1 was approved in 2018.</p> <p>A budget-neutral contract modification #2 was approved on 21 October 2019.</p> | <p>All staff are in place.</p> |

2.3 Procurement

There are 44 procurement packages under services – 11 packages for firms and 33 for individual consultants. Two packages for firms and five packages for individual consultants have been dropped. For the 9 packages to be contracted out to firms, 8 have been contracted – namely,

- DDCS&PMS Consultants,
- Third-Party M&E Consultants,
- Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone; and
- Five packages for the Consultancy for Social Afforestation, SAP and WMOs (now with Social Afforestation re-assigned to the Department of Forestry). Two of these five packages were signed during the quarter on 8 April 2019.

Only the consultancy for Feasibility Studies and Preparation of next phase of CEIP-1 remains to be awarded. A call for Expressions of Interest was made in January with submission due by 30 January 2020. These submissions are currently being evaluated so that a shortlist can be prepared.

As of 31 March 2020, out of the 33 consultancy packages for individuals, 27 are in place and one is in process. For details of all procurement see Annex-5: **Project Input Procurement Status and Plans.**

3. STATUS OF PROJECT OUTPUTS BY COMPONENT

Outputs are presented by component and based on the reports of the partners responsible for the respective component.

3.1 Outputs of Component A: Rehabilitation and Improvement of Polders

3.1.1 Outputs of A1: Rehabilitation and Improvement of Polders –Package 01

3.1.1.1 Mobilization and Preconstruction Activities

These activities are complete, though they were slow to materialize as described in earlier reports.

Engineer’s Site Offices, Laboratory and Inspection Sheds

All Engineer’s site offices, laboratories and facilities have been essentially completed since Mar 2018.

Contractor Main Offices and Site Offices/Camp Sites

| Background and Status Prior Quarter | Current Quarter update |
|---|-------------------------------------|
| <ul style="list-style-type: none"> The Contractor established their main office in Dhaka and Khulna shortly within the time of commencement. The Contractor has built permanent site offices, and living quarters, which are 100% completed and fully functioning. The Contractor has set up a functioning laboratory at BWDB’s Numagar premises in Khulna. Warehouse facilities for storage of cement and other perishable material has been put in place in each polder. | Done. |
| CC block manufacturing machines – 5 fully operational (the manual machines are not in production any more) | Only two machines currently in use. |

Location of the CC block pre-casting yards is summarized in the table below.

Table 13: Number of Manual and Automated CC Block Machines by Location

| SN | Location by Type | Number in Production | Number not in Production |
|-----|---------------------------------------|----------------------|--------------------------|
| 1 | Manual Process Yards | | |
| 1.1 | Polder 32 at km 36+000 (Dacope) | | 1 set |
| 1.2 | Polder 33 at km 37+450 (Chunkuri) | | 1 set |
| 1.3 | Polder 35/1 at km 15+000 (Boraitola) | | 1 set |
| 1.4 | Polder 35/3 at km 29+000 (Khagraghat) | | 2 set |
| 2 | Automated CC Block Machine Yards | | |
| 2.1 | Polder 32 (Khulna) | 1 | 1 |
| 2.2 | Polder 33 (Mongla) | | 1 |
| 2.3 | Polder 35/1 at km 18+600 (Tafalbari) | 1 | |
| 2.4 | Polder 35/3 at km 14+000 (Daratana) | | 1 |
| | Total Automated CC Block Machines | 2 | 3 |

Source: Contractor (CHWE) monthly progress reports

Pre-Construction Survey Works

According to the Contractor’s monthly progress reports, cross-section survey works for pre-construction survey have been done as follows:

- Embankment – 99%
- Hydraulic Structure – 100%
- Bank protection – 98%
- Drainage channel – 80%

3.1.1.2 GC Sub-Clause 8.3 Work Program

| Background and Status Prior Quarter | Current Quarter update |
|---|---|
| <p>Consultants have approved a revised Work Program on 26 August 2018 which shows completion of the works in June 2020. This represents a 17-month extension and has been approved.</p> <p>The Contractor’s progress has slipped relative to the program and overall progress stands at 80% compared to the planned 83% level planned as of 30 June 2019.</p> | <p>No change.</p> <p>Overall progress stands at 81.51% per DDCS&PMS Consultants compared to the planned 83.72%. Given that the revised Work Program of August 2018 builds from the actual achievement on that date, the progress is not lagging too much, but completion by June 2020 is not likely.</p> <p>Contractor should be requested to provide a work programme for this construction season showing how they intend to complete the work on time.</p> |

3.1.1.3 Embankment Works

Fully completed embankment totals 154.393 kms done as of 31 March 2020 which compares to 146.363 kms as of 31 December 2019. However, the working length has reached 180.03 kms which was 168.853 kms in December 2019. See Table 14.

Table 14: Package 01 Progress on Embankment Re-sectioning/Retired in kms

| Polder | Revised Target (Kms.) | As of 31 Dec 2019 | | | As of 31 Mar 2020 | | |
|--------------|-----------------------|------------------------------|------------------|-------------------|------------------------------|------------------|-------------------|
| | | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) |
| 32 | 49.666 | 44.440 | 30.240 | 14.200 | 49.037 | 34.055 | 14.982 |
| 33 | 49.154 | 43.161 | 41.591 | 1.570 | 43.691 | 41.691 | 2.000 |
| 35/1 | 61.972 | 43.372 | 38.802 | 4.570 | 49.422 | 42.917 | 6.505 |
| 35/3 | 39.825 | 37.880 | 35.730 | 2.150 | 37.880 | 35.730 | 2.150 |
| Total | 200.617 | 168.853 | 146.363 | 22.490 | 180.03 | 154.393 | 25.637 |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

The earthwork progress totals 80.88% as of March 2020, a moderate improvement from a total of 74.17% in December 2019. See Table 15.



Table 15: Package 01 Progress on Embankment Earthwork in m³

| Polder | Revised Contract Length (km) | Contract Qty (000 m3) | 31-Dec-20 | | 31-Mar-20 | |
|--------------|------------------------------|-----------------------|--------------|---------------|--------------|---------------|
| | | | Qty (000 m3) | % Done | Qty (000 m3) | % Done |
| 32 | 49.666 | 1618.396 | 1045 | 65.00% | 1255 | 77.55% |
| 33 | 49.154 | 1004.225 | 832 | 83.00% | 842 | 83.85% |
| 35/1 | 61.972 | 2317.57 | 1516 | 65.00% | 1722 | 74.30% |
| 35/3 | 39.825 | 1393.57 | 1304 | 94.00% | 1304 | 94.00% |
| Total | 200.617 | 6333.761 | 4698 | 74.17% | 5123 | 80.88% |

Source: CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.1.4 Drainage Sluices and Flushing Sluices

Progress in construction of drainage and flushing sluices have fully done as of March 2020 which is 99% as it was 31 December 2019. Out of 38 drainage sluices, 38 are fully completed. As for flushing sluices, out of 29 flushing sluices, 29 are fully completed. See Table 16.

Table 16: Summary of Number of Hydraulic Structures in Progress by Polder

| Polder | Structure Type | Contract Quantity (no.) | 31-Dec-20 | | 31-Mar-20 | |
|--------|-------------------|-------------------------|-----------|---------------------|-----------|---------------------|
| | | | Number | Weighted % complete | Number | Weighted % complete |
| 32 | DS | 8 | 8 | 100% | 8 | 100% |
| | FS | 1 | 1 | 99% | 1 | 100% |
| 33 | DS | 12 | 12 | 99.88% | 12 | 100% |
| | FS | 6 | 6 | 100% | 6 | 100% |
| 35/1 | DS | 14 | 14 | 100% | 14 | 100% |
| | FS | 13 | 13 | 92.31% | 13 | 100% |
| 35/3 | DS | 4 | 4 | 100% | 4 | 100% |
| | FS | 10 | 10 | 100% | 10 | 100% |
| Total | DS | 38 | 38 | 99.96% | 38 | 100% |
| | FS | 29 | 29 | 96.62% | 29 | 100% |
| | Both DS+FS | 69 | 67 | 99% | 67 | 100% |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.1.5 Drainage Channel Excavation/Re-excavation

| Background and Status Prior Quarter | Current Quarter update |
|---|-----------------------------------|
| 92.93% of earthwork done of Prior Quarter | 98.95% of earthwork done to date. |

Table 17: Excavation/Re-excavation of Drainage Channels in m³ and Ratio Length

| Polder | Revised Length (km) | Revised Qty (000 m3) | 31-Dec-20 | | | | 31-Mar-20 | | | |
|--------------|---------------------|----------------------|----------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|
| | | | Qty (000 m3) | % Done | Ratio Length (Kms) | % Done | Qty (000 m3) | % Done | Ratio Length (Kms) | % Done |
| 32 | 14.95 | 154.82 | 150.811 | 89.06% | 13.45 | 76.86% | 150.811 | 97.41% | 13.45 | 89.97% |
| 33 | 53.82 | 648.1 | 648.1 | 96.41% | 53.82 | 85.14% | 648.1 | 100.00% | 53.82 | 100.00% |
| 35/1 | 49.28 | 475.86 | 457.181 | 88.32% | 47.5 | 67.38% | 466.493 | 98.03% | 48.28 | 97.97% |
| 35/3 | 0 | 0 | 0 | na | 0 | na | 0 | na | 0 | na |
| Total | 118.1 | 1278.78 | 1263.06 | 92.93% | 114.77 | 75.90% | 1265.4 | 98.95% | 115.55 | 75.90% |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.1.6 Bank Protection Works

Bank protection works commenced in March 2017 with the placement of CC blocks in lieu of hard rock. The original anticipated length of such works was 7.70 kms, but the revised contract length is officially 4.45. There is some further adjustment and the total length required may now be 4.25 kms. There has been no activity on bank protection works during the quarter.

Table 18: Package 01 Bank Protection Works - Progress Compared to Target

| Polder | Original Contract Length (kms.) | Revised Contract Length (kms) | 31-Dec-19 | | 31-Mar-20 | |
|-------------------------|---------------------------------|-------------------------------|-------------------------|--------------------|-------------------------|--------------------|
| | | | Completed (equiv't kms) | % of blocks placed | Completed (equiv't kms) | % of blocks placed |
| Polder 32 | 2 | 2 | 2.000 | 100.0% | 2.000 | 100.0% |
| Polder 33 | 1.7 | 1.4 | 1.300 | 92.9% | 1.300 | 92.9% |
| Polder 35/1 | 1.5 | 0.9 | 0.700 | 77.8% | 0.700 | 77.8% |
| Polder 35/3 | 2.5 | 0.15 | 0.150 | 100.0% | 0.150 | 100.0% |
| Package 01 Total | 7.7 | 4.45 | 4.150 | 93.3% | 4.150 | 93.3% |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.1.7 Slope Protection Works

Slope protection works depend on completion of the construction of embankments so work in this respect will necessarily gear up towards the later part of the works contract. The Slope Protection Work totals 11.566 kms in current quarter and 10.216 kms done in 31 December 2020. See Table 19.

Table 19: Slope Protection Works - Progress Compared to Target

| Polder | Original Contract Length (kms) | Revised Contract Length (km) | 31-Dec-19 | | 31-Dec-19 | |
|-------------------------|--------------------------------|------------------------------|-----------------|---------------|-----------------|---------------|
| | | | Completed (kms) | % done | Completed (kms) | % done |
| Polder 32 | 3.275 | 3.3 | 2.3 | 69.70% | 2.3 | 69.70% |
| Polder 33 | 6.03 | 4.016 | 3.716 | 92.53% | 3.716 | 92.53% |
| Polder 35/1 | 11.75 | 11.75 | 3.50 | 29.79% | 4.84 | 41.19% |
| Polder 35/3 | 0.9 | 0.7 | 0.70 | 77.78% | 0.70 | 100.00% |
| Package 01 Total | 21.955 | 19.766 | 10.216 | 51.17% | 11.566 | 58.46% |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.1.8 Status of Emergency Works (under BOQ item Environmental Mitigation Works)

To date, the DDCS&PMS Consultant had authorized emergency works in Package 01 as follows:

- 1st batch starting January 2016 : 25 locations
- 2nd batch Cyclone Roanu, May 2016 : 19 locations
- 3rd batch 2017 monsoon : 61 locations (20 new locations added during July-Sep)
- 4th batch post-2017 monsoon : 12 locations
- 5th batch 2018 monsoon : 1 location
- 6th batch 2018 monsoon : 58 locations – 100% complete on 31 December 2018

New vulnerable sites are continually under assessment by a tripartite team comprising XEN, Engineer and Contractor.

The total allocation for emergency works under the environmental mitigation provisional sum BoQ item is BDT 40 million, but contingencies budget is also being used to perform some of these works. A total of 7.62 kms of emergency works have been undertaken to date in Package 01 under Environmental Mitigation Works at a cost of BDT 39,991,142. Another 12.62 kms of emergency works have drawn on contingencies at a cost of BDT 76,423,135.

It is worth mentioning that at least some of the emergency works may not have been needed if the Contractor’s work progress had been on schedule. It should also be noted also that maintenance will not be carried out by BWDB until the polders are handed back over to GoB as these polders are now under the Project.

3.1.1.9 Nalian Closure Dam – Polder 32

| Background and Status 31 Dec 2019 | Status 31 March 2020 |
|--|---|
| <p>A substantial amount of work was performed during the quarter with more than 300,000 bags dumped.</p> <p>Cumulatively, the Contractor has dumped about 1,538,219 nos. bags among which: 50Kg Synthetic Bag, 1,327,182 nos. 75Kg Synthetic Bag. 121,006-nos. 250Kg Geo- Bag 45,335 nos. and 175Kg Geo- Bag 44,696.</p> | <p>The Nalian closure dam has been done on 17 February 2020, crest level and c/s & r/s slope work are in progress</p> |

3.1.1.10 CC Block Production

| Background and Status 31 Dec 2019 | Status 31 Mar 2020 |
|--|--|
| <p>6,015 million CC blocks produced to date, but no block produced during the quarter. This is 82.3% of total required.</p> <p>The number of CC blocks required has increased from the original 4.4 million given that the Contractor has opted to use CC blocks for bank protection works in lieu of hard rock (but at the unit rate of hard rock).</p> | <p>193, 392 blocks have been produced in this quarter.</p> |
| <p>Original plan was to have four automated CC block manufacturing machines. Six automated CC block manufacturing machines are functioning; the seventh machine is to be commissioned.</p> | <p>3 CC block machines are being operated.</p> |

It has been found through field visits that three block production plants are operational, but the other 3 plants have not produced any block in the past 10 months. The three operating plants are as follows:

- 2 Nos of Pankhali CC Block Casting Yard at Polder 32, Rupsa, Khulna
- 1 No of Tafalbari CC Block Casing Yard at Polder 35/1, Shoronkhola, Bagerhat.

Each machine has a theoretical capacity of 3000 blocks per day assuming 8-9 hours of operation. Thereafter, to reach the remaining production target of 1.12 million, these three plants will take 5 more months if all three plants work in full operation. While there appears to not be enough time to complete the production before contract completion in June 2020, the idling of the plants does raise some concern.

Table20: CC Block production of Package 1

| Polder Number | Estimated Quantity Required | 31-Dec-19 | 31-Mar-20 |
|---------------|-----------------------------|---------------------------|---------------------------|
| | | Cumulative Total Produced | Cumulative Total Produced |
| 32 | 1,918,026 | 1,886,840 | 1,886,840 |
| 33 | 1,619,763 | 1,155,600 | 1,256,353 |
| 35/1 | 3,628,073 | 2,760,128 | 2,852,767 |
| 35/3 | 220,567 | 212,954 | 212,954 |
| Total | 7,386,429 | 6,015,522 | 6,208,914 |

Source: DDCS&PMSC and CHWE data December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.2 Outputs of A1: Rehabilitation and Improvement of Polders –Package 02

3.1.2.1 Embankment Works

Fully completed embankment totals 33.991 kms in this quarter which is up from the cumulative total of 19.17 kms from the prior quarter. Working length has reached 56.41 kms in this quarter compared to 43.85 kms in prior quarter. This is moderate progress for the quarter, but far from the rate of progress required to reach 208.71 kms by the loan closing date of 2022.

Table 17: Package 02 Progress on Embankment Re-sectioning/Retiring in kms

| Polder | Target | As of 31 December, 2019 | | | As of 31 March, 2020 | | |
|--------------|---------------|------------------------------|------------------|-------------------|------------------------------|------------------|-------------------|
| | | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) |
| 39/2C | 59.25 | 0.15 | 0 | 0.15 | 0 | 1.7 | 0 |
| 40/2 | 34.40 | 14.14 | 2.4 | 8.04 | 6.10 | 5.55 | 8.46 |
| 41/1 | 33.81 | 18.60 | 0 | 10.93 | 7.67 | 2.15 | 9.3 |
| 43/2C | 25.70 | 4.25 | 0 | 3.60 | 0.65 | 6.68 | 0.4 |
| 47/2 | 17.55 | 16.2 | 16.2 | 0 | 16.20 | 16.54 | 0.336 |
| 48 | 38.00 | 2.53 | 0.57 | 1.96 | 1.79 | 1.72 | 3.913 |
| Total | 208.71 | 43.85 | 19.17 | 24.68 | 56.41 | 34.34 | 22.409 |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

The cumulative earthwork progress totals 24.07% as of 31 March 2020 which is up from 11.78% on 31 December 2019. While this is appreciable progress for the quarter, it is still at a very low level given that the Contractor is well into the third construction season.

Table 18: Package 02 Progress on Embankment Earthwork in 000 m3

| Polder | Contract Length (kms) | Contract Qty (000 m3) | As of 31 Dec, 2019 | | As of 31 Mar, 2020 | |
|--------------|-----------------------|--------------------------|--------------------|---------------|--------------------|---------------|
| | | | Qty (000 m3) | % Done | Qty (000 m3) | % Done |
| 39/2C | 59.25 | 1949.317 | 3.100 | 0.16% | 102.000 | 5.23% |
| 40/2 | 34.20 | 1251.063 | 178.374 | 14.26% | 446.494 | 35.69% |
| 41/1 | 33.57 | 391.914 | 179.500 | 45.80% | 281.500 | 71.83% |
| 43/2C | 25.51 | 346.218 | 76.000 | 21.95% | 168.341 | 48.62% |
| 47/2 | 17.50 | 171.121 | 123.742 | 72.31% | 162.003 | 94.67% |
| 48 | 38.00 | 2038.779 | 163.458 | 8.02% | 322.379 | 15.81% |
| Total | 208.03 | 6148.412 | 724.174 | 11.78% | 1479.717 | 24.07% |

Source: DDCS&PMSC and CHWE data on December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.2.2 Drainage Sluices and Flushing Inlets

- Out of 50 **drainage sluices to be newly constructed**, the contractor is working on 22 that are essentially completed, and 13 nos. are in progress.
- Out of 48 **flushing sluices to be newly constructed**, the contractor is working on 16 nos. that are essentially completed, and 5 others are in progress. Three drainage sluices that were considered for new construction (making the total 51 nos.) have been reclassified as only needing repair.

3.1.2.3 Drainage Channel Excavation/Re-excavation

Out of 154.632 kms of Drainage Channel Excavation Works 19.581 kms have been fully completed, which is a 0.5 km increase from the previous quarter. Completion thus stands at 12.7%.

3.1.2.4 Bank Protection Works

Out of 4.92 kms of Riverbank Protection Works 3.97 kms have been fully completed, which is a 0.62 kms increase from the previous quarter. Completion thus stands at 80.7%.

3.1.2.5 Slope Protection Works

Slope protection works depend on completion of the construction of embankments so work in this respect was expected to just get started after a substantial lag. Out of 9.476 kms of Slope Protection Work, 0.62 kms have been done up to this quarter up from the 0.25 kms level in the prior quarter. These works stand at 6.54% complete.

3.1.2.6 CC Block Production

There has been an increase in the production rate over the last couple of months, but it could still be improved. Current production has reached 64.9% of the more than 8.45 million that must be produced. The achievement this quarter was 5.1% of total required production compared to 10.2% in the prior quarter. At this rate, the total can be reached in about 7 more quarters, or December 2021. Clearly, the production must be scaled up to reach the target before the contract end date or an extension of time will be required. See details in the table below.

Table 19: CC Block production of Package 2

| Polder Number | Estimated Quantity | 31-Dec-19 | Production during January to March 20 | | | | | | 31-Mar-20 | |
|---------------|--------------------|------------------|---------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | | Cumulative Total | 40x40x40 (cms) | 40x40x20 (cms) | 30x30x30 (cms) | 40x40x30 (cms) | 30x60x40 (cms) | 30x60x60 (cms) | Quarter Total | Cumulative Total |
| 39/2C | 5,985,778 | 4,111,287 | 253,909 | 0 | 0 | 44,872 | 0 | 0 | 298,781 | 4,410,068 |
| 40/2 | 429,969 | 174,694 | 8,680 | 0 | 0 | 0 | 0 | 0 | 8,680 | 183,374 |
| 41/1 | 577,846 | 267,933 | 3,053 | 0 | 0 | 0 | 0 | 0 | 3,053 | 270,986 |
| 43/2C | 435,342 | 26,128 | 27,240 | 0 | 3,948 | 0 | 0 | 0 | 31,188 | 57,316 |
| 47/2 | 482,227 | 257,695 | 65,900 | 1,141 | 0 | 61 | 0 | 0 | 67,102 | 324,797 |
| 48 | 539,493 | 212,963 | 0 | 1,096 | 2,747 | 0 | 19,513 | 271 | 23,627 | 236,590 |
| Total | 8,450,654 | 5,050,700 | 358,782 | 2,237 | 6,695 | 44,933 | 19,513 | 271 | 432,431 | 5,483,131 |

Source: DDCS&PMSC and CHWE data December 2019 and March 2020, verified by the M&E Consultants based on spot checks.

3.1.3 Output of A2: (a) Social Mobilization with Social Action Plan (including setting up WMOs), (b) Social Afforestation and (c) Integrated Pest Management (IPM) Plan

Progress of NGO key activities are shown below. Formation of WMG is remarkable progress of Khulna package (Polder 32 & 33) and Bagerhat package (Polder 35/1 & 35/3), perhaps Barguna Package has been done some base work to achieve the target, Pirojpur package has been done Ad Hoc committee but Patuakhai package is very slow.

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

| | Polder 32 | | Polder 33 | | Polder 35/1 | | Polder 35/3 | | Polder 39/2c | | Polder 40/2 | | Polder 41/1 | | Polder 43/2C | | Polder 47/2 | | Polder 48 | |
|---|-----------|--------|-----------|--------|-------------|--------|-------------|--------|--------------|--------|-------------|--------|-------------|--------|--------------|--------|-------------|--------|-----------|--------|
| | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 |
| WMO Formation | | | | | | | | | | | | | | | | | | | | |
| Household Census Survey | 9336 | 9336 | 13372 | 13372 | 20791 | 20791 | 5158 | 5158 | 22492 | 22492 | 9401 | 9401 | 9310 | 9310 | 4076 | 4076 | 1189 | 1189 | 6970 | 6970 |
| Boundary Area Demarcation | 15 | 15 | 18 | 18 | 29 | 29 | 14 | 14 | 17 | 17 | 14 | 14 | 14 | 14 | 8 | 8 | 9 | 9 | 8 | 8 |
| Ad Hoc Committee formed | 9 | 11 | 2 | 9 | 29 | 29 | 12 | 12 | 13 | 13 | 11 | 14 | 14 | 14 | 0 | 0 | 9 | 9 | 0 | 0 |
| Executive Committee elected | 9 | 9 | 0 | 2 | 29 | 29 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WMO formed; first meeting | 9 | 9 | 0 | 2 | 29 | 29 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bylaws drafted and ratified | 0 | 3 | 0 | 2 | 5 | 17 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WMO Register | | | | | | | | | | | | | | | | | | | | |
| Number of Members | 3318 | 4642 | 978 | 6065 | 11774 | 13252 | 780 | 942 | 0 | 0 | 880 | 6312 | 4593 | 6741 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Members who are Women | 1055 | 1463 | 289 | 1518 | 4018 | 5344 | 239 | 323 | 0 | 0 | 369 | 2219 | 1875 | 2883 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Members who are Women (must reach 30%) | 31 | 32 | 30 | 25 | 34 | 40 | 31 | 34 | 0 | 0 | 42 | 35 | 41 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of households in the Hydrological Boundary | 5237 | 9336 | 1356 | 13372 | 20778 | 19408 | 4049 | 4449 | 0 | 0 | 6288 | 9013 | 7970 | 7970 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Population Participating (must reach 75%) | 63 | 50 | 72 | 4.35 | 57 | 68 | 19 | 21 | 0 | 0 | 14 | 70 | 58 | 85 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Members in the Executive Committee | 108 | 108 | 24 | 24 | 120 | 288 | 24 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Women in the Exec. Committee | 36 | 36 | 8 | 8 | 40 | 96 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Exec. Cmte. who are Women (must reach 30%) | 33 | 33 | 33 | 33 | 33 | 33 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Social Afforestation | | | | | | | | | | | | | | | | | | | | |
| Total Persons | 0 | 511 | 0 | 448 | 1160 | 1160 | 0 | 543 | 0 | 0 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male | 0 | 258 | 0 | 232 | 806 | 806 | 0 | 378 | 0 | 0 | 46 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Female | 0 | 253 | 0 | 216 | 354 | 354 | 0 | 165 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Pest Management (IPM) | | | | | | | | | | | | | | | | | | | | |
| Identify Participants for Demos - farmers | 0 | 10 | 0 | 5 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

| | Polder 32 | | Polder 33 | | Polder 35/1 | | Polder 35/3 | | Polder 39/2c | | Polder 40/2 | | Polder 41/1 | | Polder 43/2C | | Polder 47/2 | | Polder 48 | |
|---|-----------|--------|-----------|--------|-------------|--------|-------------|--------|--------------|--------|-------------|--------|-------------|--------|--------------|--------|-------------|--------|-----------|--------|
| | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 | Dec-19 | Mar-20 |
| Identify Participants for Demos - fishermen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Identify Participants for Demos - forestry | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Demos and/or FFS Established | 1 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

3.2 Outputs of Component B: Implementation of Social and Environmental Management Frameworks and Plans

3.2.1 Outputs of B1: Implementation of Social Action Plans

Social Action Plans are being developed by the NGOs.

3.2.2 Outputs of B2: Implementation of Social Management and Resettlement Policy Framework (SMRPF) and Resettlement Action Plans (RAPs)

3.2.2.1 RAP and LAP for Package 01

The RAP Team of DDCS&PMS Consultants commenced fieldwork in March 2015. The number of Project-Affected Households and Entitled Persons is presented in Tables 20 and 21 below. There is almost no change in these numbers since the quarter ending September 2017.

Table 20: Number of Titled and Non-Titled Entities (excluding tenants and wage laborers) in Package 01 Polders

| Category | Number of Titled and Non-Titled Entities by polder as of 31 March, 2020 | | | | | As of 31 December, 2019 |
|--------------|---|-------------|-------------|-------------|---------------|-------------------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total | Total |
| Titled | 3003 | 2208 | 1087 | 489 | 6787 | 6787 |
| Non-titled | 1263 | 1470 | 1624 | 288 | 4645 | 4637 |
| Total | 4266 | 3678 | 2711 | 777 | 11,432 | 11,424 |

Source: RAP Team, IOL Survey in December 2019, DDCS&PMSC with update from March 2020 MPR.

Table 21: Breakdown of Non-Titled EPs by Polder and Category in Package 01

| Category | Number of Non-Titled EPs by Polders as of 31 March 2020 | | | | | As of 31 December 2019 |
|---------------|---|-------------|-------------|-------------|-------------|------------------------|
| | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total | Total |
| Squatters | 1263 | 1470 | 1624 | 288 | 4645 | 4637 |
| Tenants | 86 | 157 | 196 | 9 | 448 | 448 |
| Wage Laborers | 23 | 75 | 171 | 11 | 280 | 280 |
| Total | 1372 | 1702 | 1991 | 308 | 5373 | 5365 |

Source: RAP Team, IOL Survey in December 2019, DDCS&PMSC with update from March 2020 MPR.

Implementation of the RAP for Package 01 has progressed as shown in the two tables below. There was a small number of payments under Package 01 during the quarter. Cumulatively, a total of 87.3% of non-titled EPs have been compensated to date and 97.7% of these EPs (94.2% of all non-titled EPs) have relocated. It should be noted that payment to wage laborers is lagging with only 54 out of 280 having been compensated as of 31 March 2020. In compliance with WB safeguards policy, immediate attention needs to pay for payment of compensation to wage laborers. Also, none of the 448 tenants has been compensated.

Table 22: Status of Non-Titled EPs Compensation Paid in Package 01

| Polder No. | Target Nos | As of December 2019 | | | As of March 2020 | | |
|--------------|--------------|---------------------|----------------|--------------------|------------------|----------------|--------------------|
| | | Paid Nos | Percentage (%) | Payment in million | Paid Nos | Percentage (%) | Payment in million |
| Polder 32 | 1263 | 1260 | 99.76 | 158.813 | 1260 | 99.76 | 158.813 |
| Polder 33 | 1470 | 1210 | 82.31 | 174.126 | 1210 | 82.31 | 174.126 |
| Polder 35/1 | 1624 | 1322 | 81.40 | 225.797 | 1322 | 81.40 | 225.797 |
| Polder 35/3 | 288 | 262 | 92.58 | 39.700 | 262 | 92.58 | 39.700 |
| Total | 4,645 | 4054 | 87.28 | 597.117 | 4054 | 87.28 | 597.117 |

Source: DDCS&PMSC Monthly Progress Report, December 2019 and March 2020

Table 23: Status of Relocation of Compensated EPs

| SN | Status of relocation | Number of squatters relocated by Polders as of 31 March 2020 | | | | | | As of 31 December 2019 | |
|----|---|--|-------------|-------------|------------|-------------|---------------|------------------------|-------------|
| | | P-32 | P-33 | P-35/1 | P-35/3 | Total | % | Total | % |
| 1 | Relocated on own land | 672 | 722 | 629 | 133 | 2156 | 53.22% | 2156 | 53.22% |
| 2 | Relocated on purchased land | 97 | 72 | 272 | 45 | 486 | 12.00% | 501 | 12.37% |
| 3 | Relocated on other's land | 245 | 173 | 213 | 65 | 696 | 17.18% | 679 | 16.76% |
| 4 | Relocated Temporarily at nearby area/Govt. land | 208 | 190 | 104 | 2 | 504 | 12.44% | 480 | 11.85% |
| 5 | Not yet relocated | 0 | 53 | 0 | 0 | 53 | 1.31% | 94 | 2.32% |
| 6 | Market Relocation | 6 | 0 | 21 | 17 | 44 | 1.09% | 44 | 1.09% |
| 7 | Group relocation | 29 | 0 | 29 | 0 | 58 | 1.43 | 43 | 1.06% |
| | Total | 1257 | 1210 | 1322 | 262 | 4051 | 100.0% | 4051 | 100% |

Source: DDCS&PMSC Monthly Progress Report, December 2019 and March 2020

So far, to date, one group of 14 squatters and two markets have been relocated– one each in Polder 35/1 and 35/3. The LAP/RAP team is trying to convince more group relocation in other places in the four Polders under Package 01, but so far this is the only group relocation.

Two markets have been relocated – one each in Polder 35/1 and 35/3.

Payments to titled EPs have risen slightly during the prior quarter to 2,728 EPs as of 31 March 2020 from 2,564 EPs as of 31 December 2019. Moreover, total cumulative amount paid in this quarter is 72.72% compared to 69.05% in the prior quarter. Please see table below.

Table 24: Payments to Titled EPs – Package 01

| Polder | Total Awardees | Amount to be Paid by DCs in BDT (Lakh) | March 2020 | | | December 2020 | | |
|--------------|----------------|--|---|---------------------------------|----------------|---|---------------------------------|----------------|
| | | | Number of Cheques Issued Against Awardees | Total Amount Paid in BDT (Lakh) | Progress BDT % | Number of Cheques Issued Against Awardees | Total Amount Paid in BDT (Lakh) | Progress BDT % |
| 32 | 3003 | 1,615.37 | 811 | 1,157.87 | 71.67 | 798 | 1,145.95 | 70.94 |
| 33 | 2208 | 1,683.51 | 516 | 1057.77 | 62.83 | 433 | 823.46 | 49.00 |
| 35/1 | 1087 | 4,525.92 | 988 | 3476.79 | 76.82 | 937 | 3,386.13 | 74.82 |
| 35/3 | 489 | 1,510.51 | 413 | 1096.66 | 72.60 | 396 | 1,090.64 | 72.2 |
| Total | 6787 | 9,335.31 | 2,728 | 6789.09 | 72.72 | 2,564 | 6446.18 | 69.05 |

Source: DDCS&PMSC Monthly Progress Report, March 2020

While payment of compensation to titled EPs saw improvement during the last three quarters, it is still far from satisfactory given the stage of project implementation. Efforts are being made by BWDB,

but a case-wise plan needs to be developed and aggressively pursued. Payment to non-titled EPs is considerably simpler but has stagnated with the last 12.7% of these EPs still to be compensated.

Table 25: Summary Progress of LAP and RAP Implementation – Package 01

| SN | Milestone Actions | Progress as of 31 March 2020 | Progress as of 31 December 2019 |
|----|---|---|---|
| 1 | Video recording of assets in the ROW | done | done |
| 2 | Joint Verification Survey | done | 100% |
| 3 | Photography of non-titled EPs | done | 100% |
| 4 | ID Card preparation for Eps | done | done |
| 5 | ID Card Issuance by XEN | done | done |
| 6 | ID Cards distribution | nr | nr |
| 7 | Collection of NID | nr | nr |
| 8 | Bank Account Opening for non-titled EPs | 100% | 100% |
| 9 | Focused group meetings | done | done |
| 10 | Land Acquisition Proposals sub'd to DC Khulna, Bagerhat | done | done |
| 11 | Notice issued under Section 6 by DC | 4 polders (except 11.12 ha of P-35/1, 0.58 ha of P-32 and 0.68 ha of P-33) | 4 polders (except 11.12 ha of P-35/1, 0.58 ha of P-32 and 0.68 ha of P-33) |
| 12 | Notice issued under Section 7 | 4 polders (Except Polders- 35/1, 32 & 33) | 4 polders (Polders 35/1) |
| 13 | Final land acquisition cost estimate | done | done |
| 14 | Property Assessment Valuation Committee formed | done | done |
| 15 | PAVC assesses replacement value of assets | done | done |
| 16 | Grievance Redress Committee formed and approved by PD | Formed and now functioning, though expense issue inhibits meetings taking place | 100% Formed and now functioning, though expense issue inhibits meetings taking place |
| 17 | No. of grievances received and their status | 167 cases 114 resolved by GRC 42 resolved at entry level | 151 cases 114 resolved by GRC 37 resolved at entry level |
| 18 | Compensation paid to Non-Titled EPs | 4054 (Plus 48 electric poles & Social Forestry 27 nos. CPR) | 4054 (Plus 48 electric poles & Social Forestry 27 nos. CPR) |
| 19 | Value of Compensation Paid to Non-Titled EPs | BDT 6036.39 Lac | BDT 6014.19 Lac |
| 20 | Value of Compensation Paid to titled EPs | BDT 6789.09 Lac | BDT 6446.18 Lac |
| 21 | Relocation status | 4051 (out of 4051) | 4051 (out of 4051) |

Source: RAP Team and DDCS&PMSC Monthly Progress Reports

The land area that must be acquired for the four polders under Package 1 is given below as finalized after JVS and considering needed adjustments in alignment.

Table 26: Land Requirement for Package-01

| Polder No | Total length embankment (km) | Area to be Acquired (hectares) |
|--------------|------------------------------|--------------------------------|
| 32 | 49.67 | 50.65 |
| 33 | 49.15 | 14.28 |
| 35/1 | 61.97 | 30.17 |
| 35/3 | 39.83 | 24.81 |
| Total | 200.62 | 119.91 |

Source: RAP Team, DDCS&PMSC, Monthly Progress Report, March 2020

90.64% of the land required is already in possession of the Project, received from DC office. 72.72% of payment due to the titled EPs has been made as of March 2020. With only 3 months remaining for Package 01, this continues to be critical.

Table 27: Status of Land Acquisition – Package 01

| District | Polder No. | Program for L.A. (ha) | Possession received (ha) | Pending (ha) | | Fund (Lac in BDT) | Payment (Lac in BDT) | % of Possession Received | | % of Payment | |
|-------------------------|------------|-----------------------|--------------------------|--------------|-------------|-------------------|----------------------|--------------------------|---------------|---------------|---------------|
| | | | | DC | MoL | | | Dec - 19 | Mar - 20 | Dec - 19 | Mar - 20 |
| Khulna | 32 | 51.23 (Feb-20) | 50.65 | 0.58 | - | 1615.37 | 1157.87 | 98.35% | 98.35% | 69.54% | 71.68% |
| | 33 | 14.28 | 14.28 | - | - | 1683.51 | 1057.77 | 100% | 100% | 33.63% | 62.83% |
| Bagerhat | 35/1 | 41.29 | 30.17 | 4.19 | 6.93 | 4525.92 | 3476.79 | 73.07% | 73.07% | 72.79% | 76.82% |
| | 35/3 | 25.49 | 24.81 | 0.68 | - | 1510.51 | 1096.66 | 97.33% | 97.33% | 69.28% | 72.60% |
| Package 01 Total | | 132.29 | 119.91 | 5.45 | 6.93 | 9335.31 | 6798.09 | 90.45% | 90.64% | 64.59% | 72.72% |

Source: RAP Team, DDCS&PMSC, Monthly Progress Report, December 2019 and March 2020

The DDCS&PMS Consultants had been undertaking a substantial consultative process as evidenced by the number of consultations they have reported as of 31 December 2018. All groups have received four or more rounds of consultation so far. No updates to the data have been provided in the **last 15 months** so there is a question as to whether these consultations are continuing.

Table 28: Focus Group Formation and Number of Meetings-Package 01

| Polder No. | Status on 31 Dec 2018 | |
|--------------|-----------------------|-------------------------|
| | Focus Groups Formed | Focus Group Discussions |
| 32 | 68 | 647 |
| 33 | 63 | 719 |
| 35/1 | 88 | 925 |
| 35/3 | 18 | 236 |
| Total | 237 | 2,527 |

Source: RAP Team, DDCS&PMSC, email correspondence

The rounds of consultations follow a logical progression in their content as described below.

Agenda of 1st Round FGD Meeting

1. Group Formation
2. Selection Member of FGD Committee
3. Select Designation of committee members
4. Describe objectives of FGD

Agenda of 3rd Round FGD Meeting

1. EP ID Card preparation
2. Information Booklet distribution and reading out policies in the meeting

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| | |
|--|---|
| <p>5. Describe objectives of Project</p> <p>6. Responsibility of Committee Member</p> <p>7. Approximate date of next Meeting</p> <p>Agenda of 2nd Round FGD Meeting</p> <ol style="list-style-type: none"> 1. Photography of EPs 2. Bank Account Opening 3. Collection of certificate from LGIs, NID, Trade License and other papers | <p>3. Procedure of payment from BWDB and required documents for payment</p> <p>Agenda of 4th Round FGD Meeting</p> <ol style="list-style-type: none"> 1. Timeline of the project and relocation requirements after payment 2. Search alternative location from now for relocated by themselves after displacement 3. Limitation of the project in providing relocation sites 4. Encouraging displaced people to be relocated in a cluster manner |
|--|---|

| Background & Status 31 Dec 2019– Package 01 | Status 31 Mar 2020 |
|--|--|
| <p>Shortly after their formation, the PRAC have been only modestly active since their work is entirely voluntary and no transport allowance or meeting allowance is being provided.</p> <p><u>Background:</u> The relocation planning and livelihood restoration program have not been given adequate or early enough attention. Physical Relocation Assistance Committees (PRAC) were formed in November 2016 and only became functional in January 2017.</p> <p>Group relocation has taken place in one instance only in Package 01. This is in Polder 32, Kamarkhola (22+500 previous location). Twelve (12) EPs relocated together to 22+000.</p> <p><u>Background:</u> People have not agreed for cluster or group relocation so far despite the offer of community amenities; this is reportedly due to several reasons including kinship ties with the host villages, mal-adjustment/mismatch with the neighboring people and scarcity of suitable land for group relocation.</p> | <p>Same as previous quarter:</p> <ul style="list-style-type: none"> – Relocation planning and livelihood restoration need more attention. – PRAC meeting allowance issue to be resolved. <p style="text-align: center;">No change.</p> |

Grievances

A total of 167 grievances have been raised in the Package 01 area; 42 of these have been resolved on the spot and 114 were submitted to the Grievance Redress Committee (GRC) where they have also been resolved. There are eleven pending grievances as of 31 March 2020.

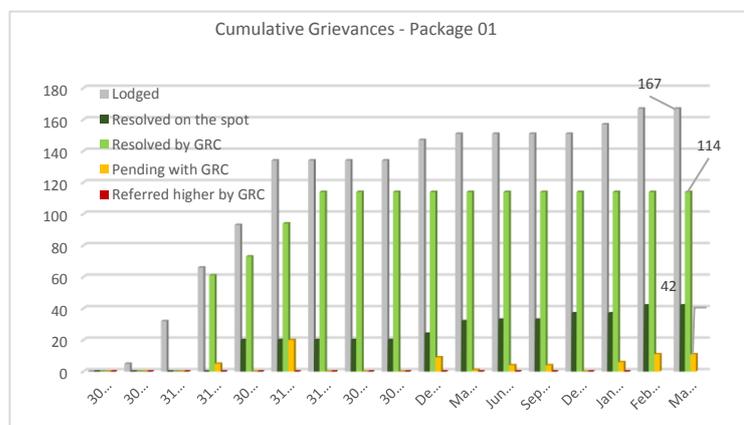


Figure 6: Cumulative Grievances – Package 01

Labor Influx

As of 31 December 2019, there are 602 laborers in Package 01 and the labor profile is as follows:

- Gender –600 male, 2 females
- Skill Level –180 skilled, 379 semi-skilled and 43 unskilled
- Origin –416 from same or adjoining district, 135 from other districts, 51 from abroad
- Age –222 are 18-25 years old, 350 are 25-50 years old, and 30 is above 50 years old.

A detailed labor influx report is available in the monthly progress reports of the DDCS&PMS Consultants.

3.2.2.2 RAP and LAP for Package 02

The number of Project-Affected Households and Entitled Persons is presented in Tables 29 and 30 below. There are 22,004 titled and non-titled entities as of 31 March compared to same in the prior quarter. The main reason for this major increase is due to the full accounting of Polder 39/2C having been completed.

Table 29: Number of Titled and Non-Titled Entities (excluding tenants and wage laborers) Pkg 02

| Category | Number of Titled and Non-Titled Entities by polder 31 March 2020 | | | | | | As of 31 December, 2019 | |
|--------------|---|----------------|----------------|-----------------|----------------|--------------|-------------------------------|--------------|
| | Polder 39/2C | Polder 41/1 | Polder 40/2 | Polder 43/2C | Polder 47/2 | Polder 48 | Total | Total |
| Titled | 15890 | 548 | 793 | 0 | 0 | 26 | 17257 | 17257 |
| Non-titled | 52 | 844 | 1745 | 536 | 201 | 1369 | 4747 | 4747 |
| Total | 15942 | 1392 | 2538 | 536 | 201 | 1395 | 22004 | 22004 |

Source: RAP Team, IOL Survey in June 2018, DDCS&PMSC with update from December 2019 and March 2020 MPR.

Table 30: Breakdown of Non-Titled EPs by Polder and Category in Package 02

| Category | Number of Non-Titled EPs by polders 31 March 2020 | | | | | | As of 31 December 2019, | |
|---------------|---|-------------|-------------|--------------|-------------|-------------|----------------------------|-------------|
| | Polder 39/2C | Polder 41/1 | Polder 40/2 | Polder 43/2C | Polder 47/2 | Polder 48 | Total | Total |
| Squatters | 52 | 844 | 1745 | 536 | 201 | 1369 | 4747 | 4747 |
| Tenants | 27 | 68 | 398 | 115 | 8 | 198 | 814 | 787 |
| Wage Laborers | 11 | 12 | 95 | 24 | 1 | 185 | 328 | 327 |
| Total | 90 | 924 | 2238 | 675 | 210 | 1752 | 5889 | 5861 |

Source: RAP Team, IOL Survey in June 2018, DDCS&PMSC with update from December 2019 and March 2020 MPR.

It should be noted that none of the 328 entitled wage laborers was reported as paid.

Implementation of the RAP for Package 02 has progressed as shown in the table below. A total of 59.74% of non-titled EPs have been compensated and 91.09% of these EPs have relocated. This means 54.42% of total non-titled EPs (whether compensated or not) have relocated.

Table 31: Status of Non-Titled EPs Compensation Paid in Package 02

| Polder No. | Target Nos | As of 31 March 2020 | | | As of 31 December 2019 | | |
|--------------|-------------|---------------------|---------------|--------------------|------------------------|--------------|--------------------|
| | | Paid Nos | % | Payment in million | Paid Nos | % | Payment in million |
| Polder 39/2C | 52 | 0 | 0% | 0 | 0 | 0% | 0 |
| Polder 40/2 | 1745 | 747 | 42.8% | 74.67 | 731 | 41% | 72.222 |
| Polder 41/1 | 844 | 471 | 55.8% | 59.92 | 471 | 49% | 48.787 |
| Polder 43/2C | 536 | 458 | 85% | 53.658 | 458 | 85% | 53.658 |
| Polder 47/2 | 201 | 160 | 80% | 15.587 | 160 | 80% | 15.587 |
| Polder 48 | 1369 | 1000 | 73% | 106.138 | 1000 | 73% | 106.138 |
| Total | 4747 | 2836 | 59.74% | 309.972 | 2760 | 58.14 | 296.392 |

Source: RAP Team and DDCS&PMSC Monthly Progress Reports

As to group relocation, four groups comprised of a total of 133 squatters are being relocated— one each in Polder 41/1, 40/2 and two groups in Polder 48 are planned to be relocated, but this has not

yet been implemented. Also, none of the markets have yet been relocated. There was no additional relocation in the Package 02 polders from prior quarter.

Table 32: Status of Relocation of Compensated EPs

| SN | Status of Relocation | Number of squatters relocated by polders As of 31 March 2020, | | | | | | | As of 31 December 2019 | | |
|-------|---|--|------------|------------|-------------|------------|----------|-------|---------------------------|-------|-------|
| | | P- 39/2C | P- 41/1 | P- 40/2 | P- 43/2C | P- 47/2 | P- 48 | Total | % | Total | % |
| 1 | Relocated on own land | 0 | 169 | 392 | 253 | 98 | 320 | 1232 | 44.44 | 1033 | 37.27 |
| 2 | Relocated on purchased land | 0 | 68 | 44 | 29 | 5 | 131 | 277 | 9.99 | 226 | 8.15 |
| 3 | Relocated on other's land | 0 | 59 | 124 | 92 | 3 | 120 | 398 | 14.36 | 339 | 12.23 |
| 4 | Relocated Temporarily at nearby area/Govt. land | 0 | 88 | 84 | 56 | 49 | 208 | 485 | 17.50 | 454 | 16.38 |
| 5 | Not yet relocated | 0 | 24 | 89 | 30 | 5 | 99 | 247 | 8.91 | 587 | 21.17 |
| 6 | Market Relocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | Group relocation | 0 | 4 | 5 | 0 | 0 | 124 | 133 | 4.08 | 133 | 4.80 |
| Total | | 0 | 412 | 738 | 460 | 160 | 1002 | 2772 | 97.74 | 2772 | 100 |

Source: RAP Team and DDCS&PMSC Monthly Progress Reports

Payments have been made to 701 titled EPs as of 31 March 2020 up from 460 in the prior quarter. The pace of payments is worrisome given the scale awardee numbers.

Table 33: Payments to Titled EPs – Package 02

| Polder No. | Total Awardees | Amount to be Paid by DCs in BDT (Lakh) | Number of Cheque Issue Against Awardees | Total Amount Paid in BDT (Lakh) | Progress BDT % |
|--------------|----------------|--|---|---------------------------------|----------------|
| 39/2C | 15890 | 10052.33 | 23 | 382.90 | 3.81 |
| 41/1 | 548 | 444.52 | 274 | 279.56 | 62.89 |
| 40/2 | 793 | 879.92 | 400 | 551.77 | 62.71 |
| 43/2C | 0 | 0 | 0 | 0 | 0 |
| 47/2 | 0 | 0 | 0 | 0 | 0 |
| 48 | 26 | 341.54 | 4 | 62.56 | 18.32 |
| Total | 17257 | 11718.31 | 701 | 1276.79 | 10.89 |

Source: RAP Team and DDCS&PMSC Monthly Progress Reports

While payment of compensation to titled EPs saw improvement during the last three quarters, payment to non-titled EPs has stagnated with the last 40.26% of these EPs still to be compensated.

Table 34: Summary Progress of LAP and RAP Implementation – Package 02

| SN | Milestone Actions | Progress as of 31 March 2020 | Progress as of 31 December 2019 |
|----|--|---|---|
| 1 | Video recording of assets in the ROW | done | done |
| 2 | Joint Verification Survey | done | done |
| 3 | Photography of non-titled EPs | 97.43% 4625 out of 4747 EPs | 97.43% 4625 out of 4747 EPs |
| 4 | ID Card preparation for Eps | 97.43% 4625 out of 4747 EPs | 97.43% 4625 out of 4747 EPs |
| 5 | ID Card Issuance by XEN | 97.19% 4614 out of 4747 EPs | 58.33% 2769 out of 4747 EPs |
| 6 | ID Cards distribution | nr | nr |
| 7 | Collection of NID | nr | nr |
| 8 | Bank Account Opening for non-titled EPs | 97.43% 4625 out of 4747 EPs | 97.43% 4625 out of 4747 EPs |
| 9 | Focused group meetings | 100% | 100% |
| 10 | Land Acquisition Proposals sub'd to DC Pirojpur, Jhalokhathi, Barguna and Patuakhali | 100% final | 100% final |
| 11 | Notice issued under Section 6 by DC | Remain Polder-40/2 some portion and Polder-43/2C. | Remain Polder-40/2 some portion and Polder-43/2C. |
| 12 | Notice issued under Section 7 | Remain Polder-40/2 some portion and Polder-43/2C. | Remain Polder-40/2 some portion and Polder-43/2C. |
| 13 | Final land acquisition cost estimate | Remain Polder-43/2C and Polder-47/2. | Remain Polder-43/2C and Polder-47/2. |
| 14 | Property Assessment Valuation Committee formed | 100% | 100% |
| 15 | PAVC assesses replacement value of assets | 100% | 100% |
| 16 | Grievance Redress Committee formed and approved by PD | Formed and now functioning, though expense issue inhibits meetings taking place Total 45 cases | Formed and now functioning, though expense issue inhibits meetings taking place 45 cases |
| 17 | No. of grievances received and their status | 0 resolved by GRC; 17 pending 28 resolved at entry level | 0 resolved by GRC; 20 pending 25 resolved at entry level |
| 18 | Compensation paid to Non-Titled EPs | 2836 | 2760 |
| 19 | Value of Compensation Paid to Non-Titled EPs | BDT 3099.72 Lac | BDT 2963.92 Lac |
| 20 | Value of Compensation Paid to titled EPs | BDT 1276.79 Lac | BDT 767.86 Lac |
| 21 | Relocation status | 2772 (out of 4747) | 2772 (out of 4747) |

Source: RAP Team and DDCS&PMSC Monthly Progress Reports

The Project has taken possession of 44.4% of the land that is to be acquired for Package 02 and 10.89% of payment has been made to EPs as of 31 March 2020. As works contract 02 has only two years remaining to finish its work (assuming an extension), possession of the land is critical, and during this quarter there was no progress of achievement in possession of land received by BWDB.

Table 35: Status of Land Acquisition – Package 02

| District | Polder No. | Program for L.A. (ha) | Possession received (ha) | Pending (ha) | | Fund (Lac in BDT) | Payment (Lac in BDT) | % of Possession Received | | % of Payment | |
|-----------------------|------------|-----------------------|--------------------------|--------------|-----|-------------------|----------------------|--------------------------|--------|--------------|--------|
| | | | | DC | MoL | | | Mar' 20 | Dec'19 | Mar'20 | Dec'19 |
| Pirojpur & Jhalokathi | 39/2C | 116.09 | 49.53 | 66.56 | - | 10052.33 | 382.90 | 42.66 | 42.66 | 3.81 | 0.97% |
| Barguna | 40/2 | 12.45 | 11.68 | 0 | - | 879.92 | 879.92 | 93.81 | 93.81 | 62.71 | 49.09 |
| | 41/1 | 8.41 | 8.29 | 0.12 | - | 444.52 | 279.56 | 98.57 | 98.57 | 61.76 | 61.66 |
| Patuakhali | 43/2C | 17.96 | 0 | 17.96 | - | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 47/2 | 2.57 | 0 | 2.57 | - | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 48 | 1.07 | 0.90 | 0.17 | - | 341.54 | 62.56 | 84.11 | 84.11 | 18.32 | 18.32 |
| Total | | 158.55 | 70.40 | 92.83 | - | 11718.31 | 1267.79 | 44.40 | 44.40 | 10.89 | 6.64 |

Source: RAP Team, DDCS&PMSC, Monthly Progress Report, December 2019 and March 2020 MPR.

All **Focus Groups** have been formed and discussions started. The Bengali language information brochure has been distributed.

Table 36: Focus Group Formation and Meetings-Package 02

| Polder | FGD Target | FGD Formed | FGD Meetings as of 31 March 2020 | FGD Meetings as of 31 December |
|--------|------------|------------|----------------------------------|--------------------------------|
| 39/2C | 32 | 32 | 79 | 74 |
| 40/2 | 57 | 57 | 227 | 224 |
| 41/1 | 38 | 38 | 190 | 188 |
| 43/2C | 31 | 31 | 202 | 199 |
| 47/2C | 9 | 9 | 76 | 74 |
| 48 | 60 | 60 | 262 | 260 |
| Total | 227 | 227 | 1036 | 1019 |

Source: RAP Consultant's Monthly Progress Report, December 2019 and March 2020 MPR.

A **Tribal People's Development Plan (TPDP)** for the Rakhine Community at Polder 48 has been prepared and submitted to the World Bank in early 2017. Throughout the CEIP-1 polders, Tribal Peoples are found only at Polder 48, Gora-Amkhola village of Lotachapli union under Kalapara Upazila in Patuakhali District.

Table 37: Project-Affected Rakhine People

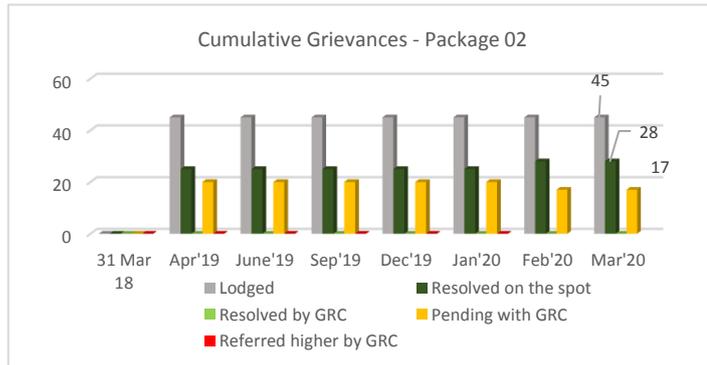
| Category of Impact | Affected HHs | Project Affected Persons (nos.) | | | PAPs in % |
|--|--------------|---------------------------------|------|--------|-----------|
| | | Both Sexes | Male | Female | |
| Residential (with/without land) | 11 | 44 | 23 | 21 | 73 |
| Commercial (with/without land) | 3 | 6 | 3 | 3 | 10 |
| Only Tree (with/without land) | 1 | 3 | 2 | 1 | 5 |
| Others (HHs losing only secondary structure) | 4 | 7 | 4 | 3 | 13 |
| Total | 19 | 60 | 32 | 28 | 100 |

Source: MIS & Field Level Latest Status until February 2017, RAP Team

It is interesting to note that although traditionally Rakhine tribal families are generally headed by the mother, these families are now male-headed.

Grievances

A total of 45 grievances have been raised in the Package 02 area; 28 of these have been resolved on the spot and nothing was submitted to the Grievance Redress Committee (GRC). There are 17 pending grievances as of 31 March 2020. These numbers are unchanged for the last 7 quarters raising concerns about public awareness and access.



Labor Influx

As of 31 March 2020, there are 1256 laborers in Package 02 and the labor profile is as follows:

- Gender –1243 male, 13 females.
- Skill Level –319 skilled, 409 semi-skilled and 528 unskilled.
- Origin –1123 from same or adjoining district, 133 from other districts, 0 from abroad.
- Age –295 are 18-25 years old, 939 are 25-50 years old, and 22 are above 50 years old.

A detailed labor influx report is available in the monthly progress reports of the DDCS&PMS Consultants.

3.2.2.3 RAP and LAP for Package 03

| Background and Status Prior Quarter | Current Quarter |
|--|------------------|
| <p>Updated Resettlement Action Plan (RAP) Pkg 03 is being prepared and expected to be submitted soon.</p> <p>In the meantime, the LAP/RAP team have submitted the LAP for Polder-17/1, 17/2 & 34/3 to DDCS&PMS Consultant as per Terms of Reference (ToR) of Acquisition & Requisition of Immovable Property Act 2017.</p> <p>LAP for Polder-15, 16 & 23 will be submitted around mid-October 2018. It is noted that LAP for Polder-14/1 might be delayed due to fact that necessary documents are being processed from the concerned offices. Target date is to submit it by late December 2018.</p> <p>Although the LAP/RAP team of DDCS and PMS Consultant has prepared almost all of the seven LAPs following the previous LA Act-1982 but due to requirements of the project, LAP/RAP Team is in the process of updating the LAPs again following the new Acquisition & Requisition of Immovable Property Act 2017. It is to be mentioned here that the new land acquisition act requires a lot of documents including “uma” and “cha” form and printing of the LA plan on the tracing cloth. The LAP revision will therefore require a few months.</p> <p>The LAP/RAP team has completed the Households (HHs) numbering and IoL survey in all 7 polders under Package-3 of CEIP-1.</p> <p>Total of 20 Community/Stakeholder Consultation meetings were held at 15 different venues of the Polders. Preparation of draft RAP is under process.</p> <p>Preparation of LAPs of 6 Polders under Package-3 were completed and LAP of Polder-14/1 was almost completed. These are now being revised or verified as per latest land acquisition Act-2017.</p> | <p>No Change</p> |

3.2.3 Outputs of B3: Implementation of EMF and EMPs

The major activities relating to implementation of EMF and EMPs that have been carried out during the reporting period are review of EIA of Package 03 by IPOE-Environment, translating the EAP in Bengali and Chinese languages, preparation of Bi-Annual Environmental Monitoring Report, EHS monthly meeting, 4th Annual Environmental Audit, carrying out field visits to ensure proper implementation of EMF and EMPs, etc. The overall status of the implementation of EMF and EMPs are shown in Table 38.

Table 38: Overall Environmental Safeguards activities

| Sl | Activity | As of 31 December, 2019 | As of 31 March, 2020 |
|----|---|---|--|
| 1 | Finalize EIAs for the remaining 7 polders for Package W-03 to be approved | WB shared their further comments on EIA of Polder 14/1, suggested to address the comments also with other EIAs of Package-03. DDCS&PMSC with the assistance of PMU and M&E Consultants addressing comments. | After addressing the WB comments, EIA of Polder 14/1 was shared with IPOE-Environment for review and this is currently under his review as suggested by WB. After having the comments from IPOE-Environment, DDCS&PMS Consultants with assistance of PMU and 3 rd Party M&E Consultants will address those comments with EIA of Polder 14/1 and remaining 6 EIAs, and submit to WB accordingly. |
| 2 | Contractor EAPs for 4 polders of W01 to be updated | EAPs of the Contractor of W01 were updated as per the comments of the WB and have been approved by the WB. Those have been translated to Bengali and Chinese languages by the Contractor during the reporting period. | All of the 4 EAPs have been translated to Bengali and English languages by the Package 01 Contractor during the reporting period. |
| 3 | C-ESMPs for Package W-02 polders to be updated | Contractor of W02 addressed the comments of the WB and those were approved by the WB. The contractor of the W02 also translated the documents in English and Chinese languages. | No pending job for the ESMPs of Package 02 Contractor during the reporting period |
| 4 | Prepare Bi-Annual Environmental Monitoring Report | Need to prepare the eighth report which is due in February covering the period Jul-Dec 2019. | Eighth Bi-Annual Environmental Monitoring Report was prepared duly by the joint efforts of DDCS&PMS Consultants, PMU and 3 rd Party M&E Consultants. WB shared comments on it and after addressing WB comments the revised report was submitted to WB. |
| 5 | Conduct of field visits for improvement of EMP compliance | Continuous | Field visits by DDSC &PMS Consultants, PMU and 3 rd Party M&E Consultants continued. |
| 6 | DDCS&PMS Consultant to deliver environmental training for Pkg 02 staff, with cascade training to follow by Contractor | Need to carry out. | Training was conducted by DDSC &PMSC and PMU during the reporting quarter as on-the-job training during the field visits, but additional formal training will be needed. |
| 7 | PMU, M&E and DDCS&PMS Consultant to assess effectiveness of cascade training strategy for Package 01 | Need to be defined | Same |

The Contractor of Package 1 conducted training on EHS issues for its expatriate and local staff. 1,606 participants were trained during the quarter. The Package 02 Contractor trained 885 participants during the quarter. For both packages, participants were counted multiple times if they participated in more than one training. Details are provided in Table 39 and Table 40.

Table 39: Environmental Training of Contractor expatriate and local workers - Package W-01

| Polder | Jan | Feb | Mar | 3-month Total |
|--------------------|-----|-----|-----|---------------|
| 32 | 98 | 91 | 84 | 273 |
| *33 | 70 | 66 | 62 | 198 |
| 35/1 | 201 | 198 | 194 | 593 |
| *35/3 | 37 | 36 | 34 | 107 |
| Khulna | 178 | 114 | 50 | 342 |
| Nalian Closure Dam | 31 | 31 | 31 | 93 |
| Total | 615 | 535 | 455 | 1606 |

Source: Training report of Contractor W-01

Table 40: Environmental Training of Contractor expatriate and local workers - Package W-02

| Polder | Jan | Feb | Mar | 3-month Total |
|--------|-----|-----|-----|---------------|
| 39/2C | 110 | 85 | 60 | 255 |
| 40/2 | 30 | 40 | 50 | 120 |
| 41/1 | 50 | 60 | 70 | 180 |
| 43/2C | 50 | 50 | 50 | 150 |
| 47/2 | 20 | 20 | 20 | 60 |
| 48 | 40 | 40 | 40 | 120 |
| Total | 300 | 295 | 290 | 885 |

Source: Training report of Contractor W-02

Status of Afforestation

All the MOU forest department for all the Polders of W01 and W02 were signed with the relevant Forest Department during last reporting period. As of the reporting period total 208 ha of embankment has been planted and the achievement of afforestation program is mentioned in Table 41.

Table 41: Achievement of Afforestation Program

| Polder | Seedlings raised | | Seedlings planted | | | Raised seedlings left for 2019-20 | Target of 2018-19 | | | Achievement in % | | Over all achievement in % |
|--------|------------------|-----------|-------------------|-----------|---------------|-----------------------------------|-------------------|-----------|--------------|------------------|-----------|---------------------------|
| | Embankment | Man-grove | Embankment | Man-grove | Total planted | | Embankment | Man-grove | Total target | Embankment | Man-grove | |
| 47/2 | 67500 | 25000 | 67500 | 25000 | 92500 | 0 | 67500 | 25000 | 92500 | | | |
| 40/2 | 22500 | 0 | 10000 | 0 | 10000 | 12500 | 22500 | 0 | 22500 | | | |
| 41/1 | 31500 | 12500 | 0 | 12500 | 12500 | 31500 | 31500 | 12500 | 44000 | | | |
| 32 | 111750 | 0 | 111750 | 0 | 111750 | 0 | 112500 | 10000 | 122500 | | | |
| 33 | 89400 | 0 | 89400 | 0 | 89400 | 0 | 90000 | 10000 | 100000 | | | |
| 35/1 | 111750 | 0 | 111750 | 0 | 111750 | 0 | 112500 | 30000 | 142500 | | | |
| 35/3 | 89400 | 0 | 89400 | 0 | 89400 | 0 | 90000 | 0 | 90000 | | | |
| Total | 523800 | 37500 | 479800 | 37500 | 517300 | 44000 | 526500 | 87500 | 614000 | 91.10% | 42.85% | 84.25% |

3.3 Outputs of Component C: Construction Supervision, Project Monitoring and Evaluation and Coastal Zone Monitoring

3.3.1 Outputs of C1: Detailed Design and Construction Supervision of Package 01

3.3.1.1 Design Status of Package 01

All detailed designs have been completed for Package 01 works in earlier quarters, based on modeling that determined the design parameters as well as geotechnical surveys and investigations. Revisions are being made as needed based on field conditions.

3.3.1.2 Preparation of Bidding Documents for Package 01

Bid Documents were completed in 2015 and the Contractor has commenced services on 26 January 2016.

3.3.1.3 Construction Supervision for Package 01

The completed and ongoing construction works are shown in section 3.1.1. The DDCS&PMSC is undertaking the required site supervision activities. The Contractor submitted a revised quality assurance manual in early 2016. Overall a construction site supervision system is operational, but could be improved. The M&E Consultants have provided some observations based on the visit of its international M&E Specialist/Engineer in May-June 2019.

3.3.2 Outputs of C1: Detailed Design and Construction Supervision of Package 02

3.3.2.1 Design Status of Package 02

The status of design of the various elements of the works are summarized in the tables that follow. For Package 02 all designs have been prepared and approved except for the closures and the flood wall.

Table 42: Status of Design for Package 02

| Sl No. | Polder | Embankment (Km) | | | Drainage Channel (Km) | | | Drainage Sluice (No.) | | | Flushing Sluice (No.) | | | River Bank Protection Works (kms) | | |
|-------------------------------|--------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------------------|-----------------|-----------------|
| | | Target | Achievement | | Target | Achievement | | Target | Achievement | | Target | Achievement | | Target | Achievement | |
| | | | Design Prepared | Design Approved | | Design Prepared | Design Approved | | Design Prepared | Design Approved | | Design Prepared | Design Approved | | Design Prepared | Design Approved |
| 1 | 39/2C | 59.25 | 59.25 | 59.25 | 54.23 | 54.23 | 54.23 | 13 | 13 | 13 | 20 | 20 | 20 | 3.5 | 3.5 | 3.5 |
| 2 | 40/2 | 34.40 | 34.40 | 34.40 | 32.56 | 32.56 | 32.56 | 9 | 9 | 9 | 11 | 11 | 11 | - | - | - |
| 3 | 41/1 | 33.81 | 33.81 | 33.81 | 30.16 | 30.16 | 30.16 | 10 | 10 | 10 | 16 | 16 | 16 | 0.875 | 0.875 | 0.875 |
| 4 | 43/2C | 25.70 | 25.70 | 25.70 | 28.25 | 28.25 | 28.25 | 8 | 8 | 8 | 15 | 15 | 15 | 0.500 | 0.500 | 0.500 |
| 5 | 47/2 | 17.55 | 17.55 | 17.55 | 9.70 | 9.70 | 9.70 | 4 | 4 | 4 | 5 | 5 | 5 | 0.520 | 0.520 | 0.520 |
| 6 | 48 | 38.00 | 38.00 | 38.00 | 33.10 | 33.10 | 33.10 | 6 | 6 | 6 | 3 | 3 | 3 | - | - | - |
| Total 31 March 2020 | | 208.71 | 208.71 | 208.71 | 188.00 | 188.00 | 188.00 | 50 | 50 | 50 | 70 | 70 | 70 | 5.395 | 5.395 | 5.395 |
| Total 31 December 2019 | | 208.71 | 208.71 | 208.71 | 188.00 | 188.00 | 188.00 | 50 | 50 | 50 | 70 | 70 | 70 | 5.395 | 5.395 | 5.395 |

| Sl No. | Polder | Embankment Slope Protection Works (km) | | | Flood Wall (Km) | | | Paved Road (Km) | | | Closure (No.) | | | Gates & Hoists | | | | | |
|------------------------|--------|--|-----------------|-----------------|-----------------|----------------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------------|-----------------|-----------------------|-----------------------|-----------------------|--------|-----------------------|-----------------|
| | | Target | Achievement | | Target | Achievement | | Target | Achievement | | Target | Achievement | | Drainage Sluice (No.) | | Flushing Sluice (No.) | | Achievement | |
| | | | Design Prepared | Design Approved | | Design Prepared (**) | Design Approved | | Design Prepared | Design Approved | | Design Prepared (***) | Design Approved | Target | Design Prepared (***) | Design Approved | Target | Design Prepared (***) | Design Approved |
| 1. | 39/2C | 4.000 | 4.000 | 4.000 | 1.95 | - | - | 11.04 | 11.04 | 11.04 | 8 | 8 | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 2. | 40/2 | 1.137 | 1.137 | 1.137 | 8.30 | 8.30 | - | 5.40 | 5.40 | 5.40 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 3. | 41/1 | 0.00 | - | - | 7.15 | - | - | 21.35 | 21.35 | 21.35 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 4. | 43/2C | 0.261 | 0.261 | 0.261 | - | - | - | 5.50 | 5.50 | 5.50 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 5. | 47/2 | 0.00 | - | - | - | - | - | 0.00 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 6. | 48 | 3.989 | 3.989 | 3.989 | - | - | - | 7.00 | 7.00 | 7.00 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| Total 31 March 2020 | | 9.387 | 9.387 | 9.387 | 17.40 | 8.30 | 0 | 50.29 | 50.29 | 50.29 | 8 | 8 | 0 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total 31 December 2019 | | 9.387 | 9.387 | 9.387 | 17.40 | 8.30 | 0 | 50.29 | 50.29 | 50.29 | 8 | 8 | 0 | 6 | 6 | 6 | 6 | 6 | 6 |

Source: DDCS & PMSC Consultants Monthly Progress Reports March 2020

Notes:

- (*) Typical design of Flushing Sluice with classified locations have been identified and preparation of detailed design are in progress
- (**) The contractor shall design and prepare final drawings for each closure and submit to the Engineer for approval.
- (***) Typical Gate Design prepared for these polders.

3.3.2.2 Preparation of Bidding Documents for Package 02

Bid documents for Package 02 were completed and issued on 04 December 2015 and bids were evaluated in 2016. Notice of award was issued on 15 December 2016 and contract was signed on 08 March 2017.

3.3.2.3 Construction Supervision for Package 02

Contractor commenced to mobilize in June 2017 and started surveying work and establishment of camps and stockyards. Notice to commence was issued 12 July 2017. DDCS&PMS Consultants reviewed and approved site layouts and supervised emergency works in two polders. While site supervision is ongoing, some of the final sluice locations have been less than ideal from a land acquisition standpoint. It would have been better to build the new sluices as close as possible to the original structures.

3.3.3 Outputs of C1: Detailed Design and Construction Supervision of Package 03

3.3.3.1 Design Status of Package 03

Modeling for detailed design is now complete with frequency analysis of wave height for cyclonic waves, wind data analysis, computation of embankment crest level, etc. Survey work is fully completed. Embankment design, and in the most recent quarter much additional design work, has been completed and is waiting for approval from Board. Please see Table 44.

Table 43: Status of Design for Package 03

| SI No. | Polder | Embankment (Km) | | | Drainage Channel (Km) | | | Drainage Sluice (No.) | | | Flushing Sluice (No.) | | |
|-----------------|--------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
| | | Achieve-ment | | | Achieve-ment | | | Achieve-ment | | | Achieve-ment | | |
| | | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved |
| 1 | 14/1 | 31.25 | 31.25 | 31.25 | 13.23 | 13.23 | 0 | 4 | 4 | 0 | 1 | 1 | 0 |
| 2 | 15 | 30.78 | 30.78 | 30.78 | 15.44 | 15.44 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| 3 | 16 | 44.75 | 44.75 | 44.75 | 47.90 | 47.90 | 0 | 17 | 17 | 1 | 0 | 0 | 0 |
| 4 | 17/1 | 38.50 | 38.50 | 38.50 | 35.80 | 35.80 | 0 | 10 | 10 | 1 | 0 | 0 | 0 |
| 5 | 17/2 | 11.00 | 11.00 | 11.00 | 12.40 | 12.40 | 0 | 3 | 3 | 2 | 0 | 0 | 0 |
| 6 | 23 | 36.70 | 36.70 | 36.70 | 31.50 | 31.50 | 0 | 12 | 12 | 0 | 12 | 12 | 0 |
| 7 | 34/3 | 17.00 | 17.00 | 17.00 | 11.10 | 11.10 | 0 | 3 | 3 | 1 | 6 | 6 | 0 |
| Total 31 Mar 20 | | 209.98 | 209.98 | 209.98 | 167.37 | 167.37 | 0 | 53 | 53 | 5 | 19 | 19 | 0 |
| Total 31 Dec 19 | | 209.98 | 209.98 | 209.98 | 167.37 | 167.37 | 0 | 53 | 53 | 5 | 19 | 19 | 0 |

Source: DDCS & PMCS Consultants Monthly Progress Reports March202020

| SL. No. | Polder | River Bank Protection Works (Km) | | | Embankment Slope Protection (Km) | | | Gates & Hoists | | | | | |
|-----------------|--------|----------------------------------|-----------------|-----------------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|---|---|---|
| | | Achieve-ment | | | Achieve-ment | | | Achieve-ment | | | | | |
| | | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved | Target | Design Prepared | Design Approved | | | |
| 1 | 14/1 | 0 | 0 | 0 | 4.78 | 4.780 | 0 | | | | | | |
| 2 | 15 | 1.60 | 1.600 | 0 | 0 | 0 | 0 | | | | | | |
| 3 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 4 | 17/1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 5 | 17/2 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 6 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 7 | 34/3 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Total 31 Mar 20 | | 1.60 | 1.60 | 0 | 4.78 | 4.78 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| Total 31 Dec 19 | | 1.60 | 1.60 | 0 | 4.78 | 4.78 | 0 | 7 | 7 | 0 | 5 | 0 | 0 |

3.3.3.2 Preparation of Bidding Documents for Package 03

Some sections of the bidding documents have been completed and BOQ is not ready due to need to complete designs and drawings of some components.

3.3.3.3 Construction Supervision for Package 03

No activities as contract for Package 03 has not yet commenced. Package 03 is being dropped from CEIP Phase 1.

3.3.4 Outputs of C2: Third Party Monitoring and Evaluation of Project

Key accomplishments January-March 2020 include:

- Undertook 4th Annual Environmental Audit
- Contributed to the 8th Bi-Annual Environmental Audit Report
- Prepared the 17th Quarterly Progress Report.
- Reviewed and commented on Technical Reports and QPR of Long-Term Monitoring Consultant.
- Reviewed and commented on the MPR and QPR of the NGOs
- Developed a monitoring tracking tool in excel for the NGOs program which was finalized with input of the World Bank and then delivered orientation to the NGOs on its use

- Reviewed and commented on progress reports of DDCC&PMS Consultants
- In process of cleaning data from the second round Baseline Survey for Package 02 households and mid-line survey for Package 01 households covering general population, PAHs and comparison households.
- Made field visits for monitoring of implementation, physical progress, and safeguards compliance and consultation with PAPs.
- Web based PMIS is now on Live – www.ceip-bwdb.gov.bd
- Advanced the development of the web based PMIS.

3.3.5 Outputs of C3: Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone

During the January-March 2020 quarter, the Consultant made the following progress:

- Survey data collection continued – bathymetry, discharge, water level, monitoring cross-section, suspended sediment and bed samples.
- Interactive geo-database for coastal zone is being developed.
- Macro level modelling work in being processed.
- Fine sediment dynamics being investigated.
- Riverbank erosion modelling is being progressed.
- Polder-scale sediment dynamics under study in being progressed.

3.4 Outputs of Component D: Project Management, Technical Assistance, Training and Strategic Studies

3.4.1 Outputs of D1: Project Management Support and Audits

3.4.1.1 Project Institutional and Implementation Arrangements

Table 44: Status of PMU Institutional Setup and Financial Management Arrangements

| Sl. | Action Item | Status 30 Sep 2019 | Status 31 Dec 2019 |
|-----|---|--|--|
| 1 | Special Accounts – Two separate designated accounts to be opened, one for the IDA Credit and one for the PPCR Grant | Complied on 16 Feb 2014 | Complied |
| 2 | All payments to be made directly by PD from PMU; no payments to be handled through the division/ regional offices. | Complied | Complied |
| 3 | 100% beneficiary bank accounts will be opened for resettlement payments and no cash payments or cash checks will be issued. Resettlement payments will be shown as an individual category of expenditure in the financial statement. | Bank accounts have been opened by 98.9% of Package 01 non-titled EPs and 95.5% of those in Package 02. Complying with prohibition on cash payments. | No change |
| 4 | Interim Unaudited Financial Report (IUFR), in a format acceptable to the Bank, to be submitted on a quarterly basis to the World Bank for review within 45 days from the end of each quarter | IUFR for 30 June 2019 submitted by deadline and stands accepted | IUFR for July-Sep 2019 submitted on 20 Oct 2019 |
| 5 | Annual audit of the financial statement by the Foreign Aided Project Audit Directorate (FAPAD) of the Auditor & Comptroller General's Office (C&AG). Audited project financial statements are to be submitted to the Bank within six months from the close of each fiscal year until the close of the credit. | FAPAD audit for FY 2016/17 completed. | Annual audit for FY 2017/18 has been done from 24-29 August 2019. FY 2018/19 not yet due. |
| 6 | Performance audit – an independent performance audit, including review of the financial management system and verification of procurements will be carried out by a Chartered Accountant two years before the credit closing date. The process of selection and TOR for such audit(s) will be agreed with the Bank. | This has become due but may be delayed if there is an extension of the closing date. This is being discussed during the next WB mission. | No change |
| 7 | Internal audit – will be carried out by the Internal Audit Wing of BWDB and the report shall be submitted to the Bank within 15 days of receipt of such report by the project. | PMU has proposed to WB to eliminate this requirement as BWDB capacity for such audits is limited and it would be redundant with the FAPAD audit. World Bank did not agree. PMU prepared TOR and it has been reviewed and accepted by the Bank. | Internal audit has been done for 13/14, 14/15, 15/16, 16/17. Shortlist for Selection of Firm (Eol) is being approved for FY 16/17, 17/18, 18/19. |

| Sl. | Action Item | Status 30 Sep 2019 | Status 31 Dec 2019 |
|-----|---|---|-----------------------|
| 8 | Project Audit Committee shall be established within the PMU to follow up implementation of valid audit recommendations. This committee shall be chaired by an individual independent of the project operation and consist of no less than three people including the Chairman and the PD. The committee will meet within every 120 days and minute the decisions and discussion held. These minutes will be shared with the Bank within 15 days from the data of the meeting. | Not yet established | Not yet established |
| 9 | The Project will follow the Public Works Department (PWD) Accounts Code/Manual with updating (BWDB system). Should it become necessary, PMU will prepare a separate FM Manual for the project, which will be aligned with BWDB's financial management, compatible with the agreed funds flow arrangements and reviewed by the Bank. | No action needed. PWD Accounts Code / Manual with updating BWDB system in conformity with the PPA-06 & PPR-08 are being followed. | No action needed. |

3.4.1.2 Governance Accountability and Action Plan

The Governance Accountability and Action Plan (GAAP) is being complied with most of the action items completed. The GAAP is presented in Annex 6.

3.4.2 Outputs of D3: Strategic Studies and Future Project Preparation

The ToR was drafted by the DDCS&PMS Consultants, reviewed by BWDB and the World Bank and finalized. A call for EOIs for the preparation of CEIP-2 was issued in December 2019 and EOIs were submitted by the due date of 30 January 2020. They are under evaluation for shortlisting. CEIP-2 will proceed with World Bank financing.

3.5 Outputs of Component E: Contingent Emergency Response

Component E has not been triggered.

4. KEY PERFORMANCE INDICATORS

The key performance indicators (KPI) as defined by the PAD/DPP are listed below along with their cumulative values. There was minimal change in the KPI during the quarter. A more detailed table showing targets and achievements is found in Annex 7.

| S. No. | PDO Indicators per PAD/DPP | Indicator Type | Total Project Target | Cumulative Value as of 31 Dec 2019 | Cumulative Value as of 31 Mar 2020 |
|--------|---|----------------|--|--|--|
| 1 | Gross area protected | outcome | 66,012 ha | All Pkg – 28,689 (28.5%) Pkg 01 – 26,441 (72.4%) Pkg 02 – 2,248 (7.5%) | All Pkg – 30,437 (46.11%) Pkg 01 – 28,124 (76.96%) Pkg 02 – 4,848 (16.49%) |
| 2 | Direct beneficiaries from increased resilience to climate change (number) and % women (PPCR core indic. A1.3) | outcome - core | 724,202 (50% women) | All Pkg – 248,894 (32.6%) Pkg 01- 235,915 (71.4%) Pkg 02 – 12,975 (3.3%) | All Pkg – 333,914 (46.1%) Pkg 01- 254,194 (77.0%) Pkg 02 – 64,810 (16.5%) |
| 3 | Cropping intensity | outcome | 180 | | |
| 4 | Contingent Emergency Appropriation | input | No target | | |
| 5 | Length of Upgraded Embankment | Output | 409.33 kms <i>Pkg 01: 200.62</i> <i>Pkg 02: 208.71</i> | All Pkg – 165.33 done Pkg 01: 146.16 kms done Pkg 02: 19.17 kms done | All Pkg – 188.733 done Pkg 01: 154.393 kms done Pkg 02: 34.34 kms done |
| 6 | Drainage structures replaced | output | 88 no <i>Pkg 01: 38 no</i> <i>Pkg 02: 50 no</i> | All Pkg – 57 substantially complete; 35 fully done Pkg 01: 38 substantially done (of which 35 are 100% done and 3 in progress) Pkg 02: 19 substantially done | All Pkg – 60 substantially complete; 38 fully done Pkg 01: 38 fully done Pkg 02: 22 substantially done |
| 7 | Drainage sluices repaired | output | 8 nos. <i>Pkg 01: 2 no</i> <i>Pkg 02: 6 no</i> | All Pkg – 2 done Pkg 01: 2 done Pkg 02: 0 done (and 1 in progress) | All Pkg – 2 done Pkg 01: 2 done Pkg 02: 0 done (and 1 in progress) |
| 8 | Flushing inlets constructed and upgraded | output | 77 nos <i>Pkg 01: 29 no</i> <i>Pkg 02: 48 no</i> | All Pkg – 28 fully done; 15 in progress Pkg 01: 29 substantially done (of which 28 are 100% done); Pkg 02: 14 nos substantially done | All Pkg – 29 fully done; 15 in progress Pkg 01: 29 fully done Pkg 02: 21 nos substantially done |
| 8a | Flushing inlets repaired | output | 46 nos <i>Pkg 01: 14 no</i> <i>Pkg 02: 32 no</i> | All Pkg – 13 substantially done Pkg 01: 12 substantially done; 1 in progress Pkg 02: 1 substantially done; 1 in progress | All Pkg – 14 substantially done Pkg 01: 12 done; 1 in progress Pkg 02: 1 done; 9 in progress |

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

| S. No. | PDO Indicators per PAD/DPP | Indicator Type | Total Project Target | Cumulative Value as of 31 Dec 2019 | Cumulative Value as of 31 Mar 2020 |
|--------|---|----------------|---|---|--|
| 9 | Length of drainage channels upgraded | output | 272.61 km <i>Pkg 01: 118.05</i> <i>Pkg 02: 154.63</i> | 134.338 kms done Pkg 01: 114.77 kms done (76 % of Pkg 1) Pkg 02: 20.068 kms done (13 % of Pkg 2) | 134.338 kms done Pkg 01: 115.55 kms done (97.88 % of Pkg 1) Pkg 02: 20.068 kms done (13 % of Pkg 2) |
| 9A | NEW PROPOSED INDICATOR – River Bank Protection works | output | 9.170 kms (excl Pkg 03) <i>Pkg 01: 4.250 kms</i> <i>Pkg 02: 4.920 kms</i> | All Pkg – 6.43 kms Pkg 01: 4.15 kms Pkg 02: 2.28 kms | All Pkg – 8.12 kms Pkg 01: 4.15 kms Pkg 02: 3.87 kms |
| 9B | NEW PROPOSED INDICATOR – Slope Protection works | output | 29.444 kms (excl Pkg 03) <i>Pkg 01: 19.966 kms</i> <i>Pkg 02: 9.480 kms</i> | All Pkg – 10.466 kms Pkg 01: 10.216 kms Pkg 02: 0.250 kms | All Pkg – 12.170 kms Pkg 01: 11.556 kms Pkg 02: 0.614 kms |
| 10 | Area Afforested (PPCR core indic. B3) | output - core | 300 ha | All Pkg – 208 ha Pkg 01: 162 ha Pkg 02: 46 ha Seedling (nos) All Pkg – 517,000 Pkg 01: 402,300 Pkg 02: 115,000 | All Pkg – 208 ha Pkg 01: 162 ha Pkg 02: 46 ha Seedling (nos) All Pkg – 517,000 Pkg 01: 402,300 Pkg 02: 115,000 |
| 11 | Water Management Organizations functioning (meeting regularly, operations, no. of disputes) | outcome | 4 no | 0 | 0 |
| 12 | Water Management Organization (WMO) formed | output | 4 no | 0 formed, but ad hoc formation committees are in place: P-32: 4 WMG (Aug) P-33: 5 WMG (Aug) P-35/1: 27 WMG, 1 WMA P-35/3: 14 WMG, 1 WMA P-40/2 & 41/1: 2 WMG | 52 formed, and 111 ad hoc formation committees are in place: P-32: 9 WMG P-33: 2 WMG P-35/1: 29 WMG P-35/3: 12 WMG |
| 13 | Improved coastal monitoring - studies undertaken (as related to PPCR core indicator on the use of climate information in decision-making) | output | 2 no | 0 Consultant commenced services October 2018. | 0 Consultant commenced services October 2018. |
| 14 | BWDB days of training provided (total person-days) (women person-days) | output - core | 160 days | 45 (461 p-days) (66 w-days) | 45 (461 p-days) (66 w-days) |
| 15 | Grievance Redress Committees (GRC) established | output | 17 no of polders | 10 polders (Pkg-01: 15 GRC, functioning; Pkg-02: 21 GRC formed) | 10 polders (Pkg-01: 15 GRC, functioning; Pkg-02: 21 GRC formed) |

Note on Indicators 1 and 2

The estimate of area and population protected is calculated as the proportion of total length of embankment of each polder for which the earthwork is completed.

Table 45: Estimate of Area and Population Protected by the Embankment Works – Mar 2020

| Polder No. and Package No. | Total Polder Area (ha) | Total Polder Population (BBS 2011 with assumed 1.4% annual growth rate) | Embankment Fully Done (kms) | Embankment Target (kms) | Estimated Share of Area Protected | Area Protected to Date (ha) | Population Protected to Date |
|----------------------------|------------------------|---|-----------------------------|-------------------------|-----------------------------------|-----------------------------|------------------------------|
| 32 | 8,097 | 59,258 | 34.055 | 49.67 | 68.56% | 5,552 | 40,629 |
| 33 | 8,600 | 86,503 | 41.691 | 49.15 | 84.82% | 7,295 | 73,375 |
| 35/1 | 13,058 | 142,714 | 42.917 | 61.97 | 69.25% | 9,043 | 98,836 |
| 35/3 | 6,790 | 41,828 | 35.73 | 39.83 | 89.71% | 6,091 | 37,522 |
| Pkg 01 | 36,545 | 330,303 | 154.393 | 200.62 | 76.96% | 28,124 | 254,194 |
| 39/2C | 10,748 | 136,404 | 1.7 | 59.25 | 2.87% | 308 | 3,914 |
| 40/2 | 4,453 | 84,931 | 5.55 | 34.4 | 16.13% | 718 | 13,703 |
| 41/1 | 4,048 | 80,330 | 2.15 | 33.81 | 6.36% | 257 | 5,108 |
| 42/3C | 2,753 | 27,501 | 6.68 | 25.7 | 25.99% | 716 | 7,148 |
| 47/2 | 2,065 | 7,277 | 16.54 | 17.55 | 94.25% | 1,946 | 6,858 |
| 48 | 5,400 | 57,457 | 1.72 | 38 | 4.53% | 244 | 2,601 |
| Pkg 02 | 29,467 | 393,899 | 34.34 | 208.71 | 16.45% | 4,848 | 64,810 |
| TOTAL, Protected | 66,012 | 724,202 | 188.733 | 409.33 | 46.11% | 30,437 | 333,914 |

5. PLANS FOR THE NEXT TWO QUARTERS AND BEYOND

5.1 Planned Outputs for Component A: Rehabilitation and Improvement of Polders

See Agreed Actions table in Section 5.6 for detailed tasks to be completed in the next two quarters.

5.1.1 Planned Outputs of A1: Rehabilitation and Improvement of Polders

5.1.1.1 Works Package 01

Based on the field office of DDCS&PMS Consultant, the remaining work plan is given below.

Package 01

| Sl | Activity | Contract Quantity | Done through June 2018 | | Done from Jul 2018-June 2019 | | Work to be completed during 2019-20 | |
|----|------------------------------|-------------------|------------------------|-------|------------------------------|--------|-------------------------------------|------|
| | | | Full | Part | Full | Part | Full | Part |
| 1 | Embankment | 200.617 kms | 44.25 | 84.63 | 101.91 | 22.387 | 54.454 | 0.00 |
| 2 | Drainage Channel excavation | 151.21 kms | 27.51 | 0 | 87.26 | 0 | 36.44 | 0.00 |
| 3 | Drainage Sluice construction | 38 nos. | 20 | 12 | 15 | 3 | 3.00 | 0.00 |
| 4 | Drainage Sluice repair | 2 nos. | 0 | 2 | 2 | 0 | 0.00 | 0.00 |
| 5 | Flushing Sluice construction | 30 nos. | 15 | 6 | 13 | 1 | 2 | 0.00 |
| 6 | Flushing Sluice repair | 14 nos. | 0 | 9 | 12 | 1 | 2 | 0.00 |
| 7 | Slope protection | 19.966 kms | 3.73 | 0 | 11.58 | 0 | 4.652 | 0.00 |
| 8 | River Bank protection | 4.45 kms | 2.19 | 0 | 1.86 | 0 | 0.40 | 0.00 |
| 9 | Closure | 1 no. | 0 | 0 | 0 | 0 | 1 | 0.00 |

5.1.1.2 Works Package 02

Package 02

Notice to commence was issued 12 July 2017, but physical works got underway in January 2018.

| Sl | Activity | Contract Quantity | Done through June 2018 | | Done from Jul 2018-June 2019 | | Work to be completed during 2019-20 | |
|----|--|-------------------|------------------------|------|------------------------------|-------|-------------------------------------|------|
| | | | Full | Part | Full | Part | Full | Part |
| 1 | Embankment | 208.71 kms | 18.6 | 3.3 | 0 | 13.24 | 100 | 0.00 |
| 2 | Drainage Channel excavation | 154.632 kms | 0 | 0 | 19.081 | 0 | 100 | 0.00 |
| 3 | Drainage Sluice construction | 50 nos. | 0 | 1 | 0 | 19 | 23 | 0 |
| 4 | Drainage Sluice repair | 6 nos. | 0 | 0 | 0 | 1 | 6 | 3 |
| 5 | Flushing Sluice construction | 50 nos. | 0 | 8 | 0 | 15 | 30 | 0 |
| 6 | Flushing Sluice repair | 30 nos. | 0 | 0 | 0 | 2 | 8 | 0 |
| 7 | Slope protection | 9.48 kms | 0 | 0 | 0.15 | 0 | 5 | 0.00 |
| 8 | River Bank protection | 4.92 kms | 0 | 0 | 1.9 | 0 | 3 | 0.00 |
| 9 | Closure | 8 no. | 0 | 0 | 0 | 0 | 4 | 0 |
| 10 | Road Pavement on embankment and road crossing embankment | 51 kms | 0 | 0 | 0 | 0 | 0 | 0 |

5.1.1.3 Works Package 03

| Ref | Activity | Status |
|-----|--|---|
| 1 | Package W-03 Bidding Document prepared | Preparations are to continue. Projected to be ready by mid-2020. |
| 2 | Detailed Design of Package W-03 | The Detailed Design activities are to continue as agreed during the MTR mission. Was expected to be completed in late 2019. |

5.1.2 Planned Output of A2: Afforestation

Divisional Forest Officers are now planning for maintaining the afforestation so far raised in 2018-19 and will prepare the plan for 2019-20 afforestation program. But fixing the afforestation target will depend on the completion of polder construction and it will be finalized discussing with DDCS & PMS consultants. The Divisional Forest officers will follow the time schedule for maintenance of 2018-19 plantation as well as raising of nurseries and plantation of 2019-20 as given below:

| Package | District | Polder No. | Length of polder in km | Length for afforestation (km) | Slope planting in (ha) | Seedlings of slope plantation (Non-mangrove) (000) | Coconut seedlings in number | Tal seedlings number | Total seedlings for slope plantation | Fore-shore (Mangrove golpata) Plantation | Seedlings to be slope planted (000) |
|--------------------------------|------------------------|------------|------------------------|-------------------------------|------------------------|--|-----------------------------|----------------------|--------------------------------------|--|-------------------------------------|
| 1 | Bagerhat | 35/1 | 62.5 | 20 | 36 | 88.4 | 1 | 0.6 | 90 | 10 | 25 |
| | | 35/3 | 40 | 10 | 18 | 44.2 | 0.5 | 0.3 | 45 | 5 | 12.5 |
| | Khulna | 32 | 49.5 | 10 | 18 | 44.2 | 0.5 | 0.3 | 45 | 5 | 12.5 |
| | | 33 | 49.5 | 5 | 18 | 22.1 | 0.25 | 0.15 | 22.5 | 10 | 25 |
| | <i>Package 1 total</i> | | | 201.5 | 45 | 9 | 198.9 | 2.25 | 1.35 | 202.5 | 30 |
| 2 | Patuakhali | 47/2 | 17 | 2 | 3.6 | 8.84 | 0.1 | 0.06 | 9 | 5 | 12.5 |
| | | 48 | 37.36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 43/2C | 37.36 | 10 | 18 | 44.2 | 0.5 | 0.3 | 45 | 0 | 0 |
| | Barguna | 40/2 | 33.75 | 15 | 27 | 66.3 | 0.75 | 0.45 | 67.5 | 0 | 0 |
| | | 41/1 | 33.64 | 13 | 23.4 | 57.46 | 0.65 | 0.39 | 58.5 | 5 | 12.5 |
| | Pirojpur | 39/2C | 59.25 | 10 | 54 | 44.2 | 0.5 | 0.3 | 45 | 5 | 12.5 |
| | <i>Package 2 Total</i> | | | 218.36 | 50 | 126 | 221 | 2.5 | 1.5 | 225 | 15 |
| <i>Package 1 & 2 total</i> | | | 419.86 | 95 | 216 | 419.9 | 4.75 | 2.85 | 427.5 | 45 | 112.5 |

| Package | District | Polder No. | Foreshore (Mangrove/Keora/bayen/gewa) plantation (ha) | Seedlings to be planted (000) | Enrichment plantation ha | Seedlings to be planted (000) | Total mangrove are (ha) | Total mangrove seedlings | Total area ha | Seedlings to be planted (000) |
|--------------------------------|------------------------|------------|---|-------------------------------|--------------------------|-------------------------------|-------------------------|--------------------------|---------------|-------------------------------|
| 1 | Bagerhat | 35/1 | 3 | 7.5 | 5 | 1.5 | 18 | 34 | 54 | 124 |
| | | 35/3 | 2 | 5 | 0 | 0 | 7 | 17.5 | 25 | 62.5 |
| | Khulna | 32 | 0 | 0 | 0 | 0 | 5 | 12.5 | 23 | 57.5 |
| | | 33 | 5 | 12.5 | 0 | 0 | 15 | 37.5 | 33 | 60 |
| | <i>Package 1 total</i> | | | 10 | 25 | 5 | 1.5 | 45 | 101.5 | 135 |
| 2 | Patuakhali | 47/2 | 5 | 12.5 | 0 | 0 | 10 | 25 | 13.6 | 34 |
| | | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 43/2C | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 45 |
| | Barguna | 40/2 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 67.5 |
| | | 41/1 | 5 | 12.5 | 0 | 0 | 10 | 25 | 33.4 | 83.5 |
| | Pirojpur | 39/2C | 0 | 0 | 0 | 0 | 5 | 12.5 | 59 | 57.5 |
| | <i>Package 2 Total</i> | | | 10 | 25 | 0 | 0 | 25 | 62.5 | 151 |
| <i>Package 1 & 2 total</i> | | | 20 | 50 | 5 | 1.5 | 70 | 164 | 286 | 591.5 |

5.2 Planned Outputs of Component B: Implementation of Social and Environmental Management Frameworks and Plans

See Agreed Actions table in Section 5.6 for detailed tasks to be completed in the next two quarters.

5.2.1 Planned Outputs of B1: Implementation of Social Action Plans

The five NGOs for WMO formation, mobilization for social forestry and IPM training will organize WMOs and facilitate election of the executive committees and begin their training.

5.2.2 Planned Outputs of B2: Implementation of Social Management and Resettlement Policy Framework (SMRPF) and Resettlement Action Plans (RAPs)

The plans for RAP and LAP of Package 01 covering the next two quarters include:

- Waiting DLAC Meeting concerning 0.58 ha of land in Polder 32, 4.19 ha of land in Polder 35/1 and 0.68 ha of land in Polder 35/3.
- PMU and DDCS&PMS Consultants to pro-actively facilitate the payment of compensation for land by DCs to an increased number of **titled EPs** (current status is 2728 EPs out of 6787 have been compensated).
- Program for development of strategy and action plan for settlement of pending land legacy issues with timetable. (Report submitted to the World Bank dated on 04.07.2019).

- Program for development of database of land ownership and land taking under existing embankments with timetable.
- Ensure PRAC and GRC are functional and pro-actively supporting PAPs that will be displaced.

The plans for RAP and LAP of Package 02 covering the next two quarters include:

- Polder -39/2C: In Pirojpur District, out of 22 mouzas, notice under section -7 has been served for 21 mouzas and CUL Payment is ongoing. In Jhalokathi District, out of five (5) mouzas notice under section-7 has been served for four (4) mouza’s another one (1) mouza is under process.
- Polder-40/2: All land to be handed over by DC to BWDB except the court case portion (0.77 ha) and CUL payment to continue.
- Polder-43/2C: Out of 11 mouzas, notice under section (U/S)-4 has been served for five (05), and four (4) mouzas have been sent to the MoL for final approval. The remaining two (2) mouzas are pending with the Patuakhali DC Office.
- Polder-47/2: Notice U/S-7 will be served for all lands.
- Polder-48: Out of 1.07 ha of land, possession has been received for 0.90 ha. Notice under section (U/S)-4 will be served for remaining 0.17 ha of land.
- Payment of compensation for titled EP’s to continue.
- Ensure PRAC and GRC are functional and pro-actively supporting PAPs that will be displaced and relocation is going on.
- Program for development of database of land ownership and land taking under existing embankments with time table (representative sample from each package)

The plans for RAP and LAP of Package 03 covering the next two quarters include:

- LAP for all Polders under Package-3 to be finalized after proper verification by XEN, CEIP-1, Khulna. RAP for Package-3 has been submitted to World Bank by PMU dated on 03.07.2019.

5.2.3 Planned Outputs of B3: Implementation of EMF and EMPs

The major activities planned for next two quarters are-

1. Addressing the comments of WB and IPOE- Environment on EIA of Polder 14/1 and remaining EIA reports of Package 03
2. Completing the disclosure of meeting of Package 03 EIAs
3. Preparing the Bi-Annual Environmental Monitoring Report and submitting to WB
4. Carry out continuous supervision and monitoring of the Contractors’ implementation of EHS activities
5. Following up on the recommendations of the 4th Annual Environmental Audit Report.

The detailed plan with specific deadlines has been provided in the Agreed Actions table at the end of Chapter 5. In addition, several other activities are planned as per the following:

| Sl | Activity | Status | Current Target Completion Date |
|----|--|--|--------------------------------|
| 1 | Consultation and disclosure for Package 07 EIAs at local and regional level via consultative workshops | It is a long pending item, and the deadline was shifted November 2019 but not yet achieved | September 2020 |

| Sl | Activity | Status | Current Target Completion Date |
|----|---|--|--------------------------------|
| 2 | Prepare Bi-Annual Environmental Monitoring Report | Report covering Jan-Jun 2020 will be prepared. | 31 July 2020 |
| 3 | Undertake Fifth Annual Environmental Audit | 4 th Audit was carried out covering the period Jan-Dec 2019 by M&E Consultants and report was submitted, received and addressed WB comments | 07 Feb 2021 |

5.3 Planned Outputs of Component C: Construction Supervision, Project Monitoring and Evaluation and Coastal Zone Monitoring

See Agreed Actions table in Section 5.6 for detailed tasks to be completed in the next two quarters.

5.3.1 Planned Outputs of C1: Detailed Design and Construction Supervision

5.3.2 Design Work

The only major design work remaining (other than adjustments for the two ongoing packages) is the design for the polders of Package 3. Most of the design work has been completed and approved. The remaining Package 03 design work will be completed in the next quarter.

5.3.3 Preparation of Bidding Documents

DDCS&PMS Consultants plan to finalize the bidding documents for Package 03 during the next 2 quarters.

5.3.4 Construction Supervision

The DDCS&PMS Consultants have committed to continue prodding the Contractors for both packages to expedite the work and try to meet their work program targets discussed in Section 5.1.

5.3.5 Planned Outputs of C2: Third Party M&E Consultants

Key activities planned for next two quarters are:

1. Continue development of the web-based PMIS and conduct orientation session for users.
2. Draft and Final Baseline Survey Report and Workshop
3. Review EIA, RAP, EAP/C-ESMP documents (ongoing, as they are provided)
4. Assist in preparation of Bi-Annual Environmental Monitoring Report (July 2019)
5. Prepare the 18th and 19th Quarterly Progress Reports and Annual Progress Report
6. Monitor the performance of CEIP-1
7. Provide M&E training
8. Participate in any ISR missions of the World Bank.

5.3.6 Planned Outputs of C3: Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone

The contract was signed on 04 October 2018. The key action is to undertake broad consultations and develop the models.

5.4 Planned Outputs of Component D: Project Management, Technical Assistance, Training and Strategic Studies

See Agreed Actions table in Section 5.6 for detailed tasks to be completed in the next two quarters.

5.4.1 Planned Outputs of D1: Project Management Support and Audits

5.4.1.1 Project Institutional and Implementation Arrangements

During the next two quarters, the following major activities are planned:

- Renew contracts of PMU staff as needed

5.4.1.2 Financial Management and Fiduciary Aspects

During the next two quarters, the following major activities are planned:

| Sl. | Activity | Status |
|-----|--|------------------------|
| 1 | IUFR for future quarters | On track |
| 2 | Finalization of Internal Audit plan for FY 2016-2017 | Prepare call for REOI. |

5.4.2 Planned Outputs of D2: Technical Assistance and Training

Training and technical assistance in FIDIC and contract management may be provided for PMU.

5.4.3 Planned Outputs of D3: Strategic Studies and Future Project Preparation

Review EOI submissions and issue the shortlist, evaluate proposals.

5.5 Planned Outputs of Component E: Contingent Emergency Response

Component E has not been triggered.

5.6 Agreed Actions

| SL | Actions | Agreed time line as per October 15 to 27, 2019 Implementation Support Review |
|--------------------------|---|--|
| Monthly Reports | | |
| 1 | Monthly Progress Report incorporating the following aspects: <ul style="list-style-type: none"> ▪ Intermediate Result Indicators (Physical Works) ▪ Updated Physical Progress Milestone Matrix (W-01 and W-02) including Nalian Closure Polder 32 ▪ Resource-based detailed modular planning from the Contractor of works packages and review resource requirements for CC Block Production. ▪ Detailed work progress breakdown of each BoQ item ▪ EHS Compliance Report for works package W-01 and W-02 (Polders and CC Block Plants) ▪ Financial Progress by Works Packages | 15 th of every month |
| 2 | Updated Procurement Status/ Plan in STEP | 15 th of every month |
| 3 | Updated Disbursement Status and Projection for key packages (both service and works) | 15 th of every month |
| 4 | Implement (a) Social mobilization with Social Action plan (incl. setting up WMOs) (b) Social afforestation and (c) Implementation of Integrated Pest Management (IPM) Plan | 15 th of every month |
| 5 | Web-based M&E System customizing as per the BOQ items (works packages) integrating physical progress monitoring tool. | December 31, 2019 |
| Quarterly Reports | | |
| 6 | M&E Report | Within 45 days after the end of each quarter |
| 7 | Long Term Monitoring, Research and Analysis of the Coastal Zone reflecting the deliverables from Contract (ToR) | Within 45 days after the end of each quarter |
| Physical Works | | |
| 8 | Review Report on Nalian Closure Foundation works | November 15, 2019 |
| 9 | An action plan in terms of mobilization of manpower and equipment on-site to complete the works for Nalian Closure | November 15, 2019 |
| 10 | Construction of Nalian Closure Polder 32 | January 31, 2020 |
| 11 | Review Report of finished portion of the bank protection works (Package 1) whether this has been dumped according to the specifications | November 15, 2019 |
| 12 | Completion of Package 1 | June 30, 2020 |
| 13 | Revised Work Program for works packages W-01 and W-02 including a general description of methodology as well as reasonable estimate of the contractor's personnel and equipment | November 15, 2019 |
| 14 | Obtain updated resource-based detailed monthly modular planning from the Contractor of works package W-02 and review resource requirements for CC Block Production. | November 15, 2019 |
| 15 | Technical assessment of the revised physical targets | November 15, 2019 |
| 16 | Detailed design for package 3 | Done |

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

| SL | Actions | Agreed time line as per October 15 to 27, 2019 Implementation Support Review |
|---------------------------------|---|---|
| | | (Date: October 7, 2019) |
| 17 | Approval of Detailed Design of Package 3 by Design Circle | January 31, 2020 |
| 18 | Assessment of the package 3 bank protective works | November 15, 2019 |
| 19 | Bid Document including technical specification for Package 3 submitted to the Bank | November 15, 2019 |
| Social Safeguard | | |
| 20 | ECRRP Final Report (LA & Resettlement Payment) | November 15, 2019 |
| 21 | ECRRP LA & Resettlement Payment refund | November 30, 2019 |
| 22 | Report on land legacy issues (storyline of the land legacy issues) | Done |
| 23 | RAP for Package 2 Polders: Public Disclosure | Done |
| 24 | RAP for Package 2 Polders: Bengali Translation | Done |
| 25 | RAP for Package 2 Polders: Bengali Version Disclosure | Done |
| 26 | Operationalization of computerized Payment System incorporating LA Payment, GRM, and Relocation in the PMU, field office | January 31, 2020 |
| 27 | Prototype system of the Payment System incorporating LA Payment, GRM, and Relocation in the PMU, field office | November 15, 2019 |
| 28 | Revise Social Management and Resettlement Policy Framework | Will be submitted within February 2020 |
| 29 | RAP for Package 3 | Will be submitted within February 2020 |
| 30 | Report on impartial market price assessment of land for Works Package-1 shared with the Bank for review | Will be submitted within February 2020 |
| 31 | Livelihood impact assessment and livelihood restoration program for the vulnerable affected persons across the project | Done: October 2, 2019 |
| 32 | Design and plan for basic infrastructure (access road, drainage, toilet and drinking water facilities) for group relocated households in Polder 32 and 35/1 | November 15, 2019 |
| 33 | Complete verification for tenant and wage labor (W-01) | Will be submitted within March 2020 |
| 34 | Payment of tenant and wage labor (W-01) | Will be submitted within March 2020 |
| Environmental Safeguards | | |
| 35 | Prepare the draft EHS Risk Assessment for W-02. | Implementation of EHS risk management measures should be reported in the Monthly Monitoring Report (15th of every month), in Bi-Annual Report (within 45 days from end of a six months period) and in the M&E Report (within 45 days from end of a quarter) |
| 36 | Complete revision of the draft C-ESMPs incorporating comments | Implementation of the C- |

| SL | Actions | Agreed time line as per October 15 to 27, 2019 Implementation Support Review |
|--|--|--|
| | from WB/C-ESMP monitoring (new action) | ESMP to be reported in the Monthly Monitoring Report (15th of every month), in Bi-Annual Report (within 45 days from end of a six months period) and in the M&E Report (within 45 days from end of a quarter). |
| 37 | Finalize ESIA reports for W-03 | November 15, 2019. |
| 38 | Increase the number of toilets in work places/construction areas to accommodate the increased number of workers. | November 1, 2019. |
| 39 | Conduct regular environmental sampling/testing for W-02 | Include results of testing in the Monitoring Reports (15th of every month). |
| 40 | Annual Environmental Audit Report - action plan | Submitted on May 30, 2019 |
| 41 | Establish grievance collection box for workers at each CC block manufacturing plant | November 15, 2019 |
| 42 | Share the operational procedure of police as security guard especially on the use of firearms and interaction with local community | November 15, 2019 |
| PMU Staffing | | |
| 43 | Senior Communication Officer contract signed | Done |
| 44 | Financial Management Consultant | November 30, 2019 |
| Technical Advisory & Counterpart Committees | | |
| 45 | Formation of Technical Advisory Committee (TAC) | Done |
| 46 | Share the meeting announcement and minutes of TAC | Done |
| 47 | Request for Rationale: Selection of Polder 15 for Establishing Design | November 15, 2019 |
| 48 | Formation of Counterpart Team from BWDB | Done |
| 49 | Share meeting minutes of Counterpart Team BWDB | November 15, 2019 |
| Long Term Monitoring, Research and Analysis of the Coastal Zone | | |
| 50 | Review Report of Staffing Schedule | November 15, 2019 |
| 51 | Revised Schedules for completion of outputs | November 15, 2019 |
| 52 | Comparative Assessment of the deliverables as per the Contract (ToR) with PMU, Consultant Team and the World Bank | November 15, 2019 |
| 53 | Technical Report on Literature Review | November 15, 2019 |
| 54 | Action Plan (including timeline) for Capacity Building (In-country on-the-job technical training) | November 15, 2019 |
| 55 | Deployment Plan for Home and Field Based inputs for key and non-key staff | November 15, 2019 |
| Social mobilization with Social Action plan (incl. setting up WMOs) and Implementation of Integrated Pest Management (IPM) Plan | | |
| 56 | Draft inception report including work plan, and activity schedule | Done |

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

| SL | Actions | Agreed time line as per October 15 to 27, 2019 Implementation Support Review |
|---|---|--|
| 57 | Baseline survey | November 15, 2019 |
| 58 | Comparative Analysis of Baseline data by NGOs with M&E Consultant | December 31, 2019 |
| 59 | Water Management Groups (WMG) Formed | November 15, 2019 |
| Afforestation | | |
| 60 | Update of Total Area Afforested (ha) to date | Done |
| 61 | Update of Total Target for Area Afforested in FY 20 | No update up to June 2020 |
| 62 | Updated afforestation work plan (Polder wise) | No update up to June 2020 |
| 63 | Physical Progress Matrix of Afforestation Program (Year wise and Polder wise) | No update up to June 2020 |
| 64 | Updated Polder Maps of afforestation program (chainage-wise) (10 Polders) | No update up to June 2020 |
| Feasibility studies and preparation of design for the following Phases of CEIP | | |
| 65 | Finalization of TOR and REoI– Feasibility Study for Future Project | November 30, 2019 |
| 66 | Submission of EoI Evaluation Report & RFP to the World Bank | December 31, 2019 |
| 67 | Issuance of RFP | January 5, 2020 |
| 68 | Evaluation of RFP (Report submitted to the Bank) | February 5, 2020 |
| 69 | Draft Negotiation Completed | February 28, 2020 |
| 70 | Contract Signed | March 31, 2020 |
| Procurement | | |
| 71 | Updated monthly projection for works packages W-01 and W-02 as well as service packages S2, S3 and S4. | Done |
| 72 | Deployment Plan (DDCS&PMS Consultant) for Home and Field Based inputs for key and non-key staff. | Done |
| 73 | Modified Contract Proposal 3 DDCCS&PMS Consultant | December 15, 2019 |
| Financial Management | | |
| 74 | Submitting IUFRRs | Within 45 days from end of a quarter |
| 75 | REoI for Internal Audit: Float | Done |
| 76 | EoI Evaluation/ Shortlisting and RFP approval | November 05, 2019 |
| 77 | Issuance of RFP | November 11, 2019 |
| 78 | Proposal Received | December 11, 2019 |
| 79 | Technical Evaluation | December 5, 2019 |
| 80 | Opening Financial Proposal | December 9, 2019 |
| 81 | Combined evaluation | December 12, 2019 |
| 82 | Financial Negotiation/ draft Contract signed | December 18 to 20, 2019 |
| 83 | Issuance of NoA | December 21, 2019 |
| 84 | Contract Signed for Internal Audit: Onboard | December 31, 2019 |
| 85 | Adjusting advances amounting to BDT 11,400,000 (US\$ 137,515) paid for compensation for acquisition of land | Done on June 2019 |
| 86 | Arrange bipartite/tripartite meetings with FAPAD | November 15, 2019 |

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

| SL | Actions | Agreed time line as per October 15 to 27, 2019 Implementation Support Review |
|--|--|--|
| 87 | Table with observations: add column with dates to be submitted to FAPAD. | Done |
| 88 | Resolve all the audit observations | December 31, 2019 |
| Other Implementation Milestones | | |
| 89 | Analysis of cost over-run and additional protection works, including financing commitments/needs, and submit to the Bank along with request for restructuring and extension of closing date. | Done: October 17, 2019 |
| 90 | Updated additional bank protection works priority list (both W-01 and W-02) | November 15, 2019 |
| 91 | Report on further erosion/accretion of banks on the additional bank protective sites (previously identified by DDCS&PMS Consultants) | November 15, 2019 |

6. CONTRACTUAL, LEGAL AND ADMINISTRATIVE MATTERS

6.1 Works Contract W-01

6.1.1 Performance Bonds and Insurance

The Contractor has submitted the required 10% Performance Bond. Evidence of insurance has been provided by the Contractor according to the supervision consultants.

6.1.2 Invoices and Payments

The last IPC (No. 22) was submitted to the Employer on 18 March 2020 with recommendation for payment.

6.1.3 Contract Modifications

A Zero Cost Variation (Variation Order No.04) has been approved during the period.

6.2 Works Contract W-02

6.2.1 Performance Bonds and Insurance

The Contractor has submitted the required 10% Performance Bond. Evidence of insurance has been provided by the Contractor.

6.2.2 Invoices and Payments

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

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

6.2.3 Contract Modifications

A Zero Cost Variation (up to Variation Order No.01) was submitted to PMU on 05 January 2020 and subsequently revised based on World Bank comments and re-submitted to PMU on 04 March 2020. The VO was forwarded to the World Bank which gave its no objection and the VO is now awaiting signature by the competent authority.

6.3 Works Contract W-03

This package will be deferred to CEIP-2.

6.4 DDCS&PMS Consultants Contract

6.4.1 Invoices and Payments

Invoice #30 was submitted during the quarter and also paid during the quarter. All FC and LC invoices have been paid with the exception of the partially paid LC Invoices #8 and #15.

6.4.2 Contract Modifications

A budget-neutral reallocation proposal has been submitted to the Client in early 2017 and it was approved February 2018. Another such amendment has been approved. Now a third budget-neutral amendment is under discussion—submitted to PMU on 18 June 2019 and resubmitted on 25 September 2019, then forwarded to the World Bank on 26 September. Initial comments provided by the World Bank on 30 September 2019. The Modification to the Contract No.03 of DDCS & PMS Consultants has been signed by the Project Director and the Consultants on 15th December 2019.

6.5 Third Party M&E Consultants Contract

6.5.1 Invoices and Payments

One invoice (#24) has been submitted during the quarter and all prior invoices have been paid.

6.5.2 Contract Modifications

A budget-neutral reallocation proposal has been submitted to the Client in October 2017. It has received NOL from the World Bank in December and was approved by the BWDB via its letter dated 18 March 2018. The Modified Contract has been signed and is fully executed.

A second budget-neutral reallocation proposal has been submitted to the BWDB and was approved in October 2019. The main purpose is to allow additional input of both the Team Leader (from home base) and the Deputy Team Leader to ensure the data and reports continue to be provided at a high level of quality and accuracy.

7. ISSUES AND RECOMMENDATIONS

New Issues

Issue QPR18-1: COVID-19 Pandemic Inhibits Field Visits and Physical Progress to Some Extent

Status:

- Package 01 progress advanced from 81.51% complete on 31 December 2019 to 87.00% on 31 March 2019. With the public holiday in effect during part of March, all of April and now continuing into May, Package 01 progress advancing to completion by 30 June 2020 will be a bigger challenge than was already the case.
- Contractor, supervision consultant, M&E consultant and NGO teams are clearly hampered by the social distancing standards that are rightly being observed.

Recommendation:

DDCS&PMS Consultant may request the Contractors to employ drone technology and video uploads to provide near real-time images of the status of works that could be shared with PMU, M&E Consultants and the World Bank. Work methods may be observed using cameras and local works inspectors may need to be guided by phone or even trained so they may properly note and report their observations in the absence of more senior staff. PPE must now include face masks for all workers and visitors and procedures for sanitizing any commonly touched items. The Contractors may need to train staff in improved (intensified) hygiene practices and, in fact, it is recommended that they develop a COVID-19 Practices Guideline that should then be reviewed and approved by the DDCS&PMS Consultants.

Issues from Prior Quarters

The issues from the prior Quarterly Progress Reports – whether red flag issues or otherwise – are summarized below along with the status of recommendations.

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|---|-------------------|-------------------|
| from QPR17 | | | |
| Issue QPR17-1: Completion of Package 01 Works by June 2020 Contract End Date is Unlikely | As DDCS&PMS report in their MPR of December 2019, overall physical progress of Package 01 works stood at 82.26% on Polder 32, 92.07% on Polder 33, 58.76% on Polder 35/1, 92.13% on Polder 35/3 and 81.51% for Package 01 as a whole. In Polder 35/1, 41.24% of the work remains to be done by June 2020. Also, except for the drainage and flushing sluices, it is questionable whether the other interventions will be finished in time | IN PROCESS | |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---------------------|------------------------------|
| Issue QPR17-2: Land Acquisition for Polder 35/1 Embankment Realignment is Stalled | Due to erosion of the river at Polder 35/1, the alignment of the embankment has been shifted, so a new 6.93 ha (1.8 kms) of land need to be acquired. The Consultant team has submitted the land acquisition proposal to DC office on 18 February 2019. For unknown reasons, the DC office has not yet sent the request to MoL for approval. | IN PROCESS | |
| Issue QPR17-3: Public Awareness of Grievance Redress Mechanism Needs to be Enhanced | During the last 5 quarters for Package 02, no new grievances have been reported. This would be good news if there are actually no issues, however, this is highly unlikely as the construction work is going on and RAP and LAP are being implemented. During field visits of M&E team, it was found that most PAPs are not aware of the GRM or they may have forgotten because it has been a few years since the awareness raising campaign was done by the DDCS&PMS Consultant. Access to grievance redress is not only the right thing to have in place for the benefit of the project-affected persons and communities, it is a covenant of the loan agreement with the World Bank. Furthermore, such access benefits the project by bringing issues to the fore before they reach a crisis level or produce bad publicity that could in the most extreme cases halt the project altogether. | NOT RESOLVED | |
| Issue QPR17-4: Slow Formation of WMOs Will Adversely Impact Project Benefits | CEIP-1 seeks to provide coordination among the competing needs of various users and to ensure equity and sustainability by assigning operation and maintenance responsibility to the Water Management Groups (WMG) and polder-level Water Management Associations (WMA). As of 31 March 2020, 52 (Khulna 11 & Bagerhat 41) of 146 WMGs have been formed but no WMAs formed yet. There are several reasons including delays in mobilization, less experienced professionals or key staff vacancies, lack of support (or even opposition) from local community leaders and in some cases lack of the NGO's experience in consultancy work. Further delay of having trained WMOs in place will | IN PROCESS | PMU to request NGO workplans |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|---|-------------------------------|
| | adversely affect the planned benefits from the project as effective water management must occur in parallel with the physical improvements that are put in place. | | |
| from QPR16 | | | |
| Issue QPR16-1: NGO Package S01-C (Pirojpur District) and Package S01-E (Patuakhali District) - work progress is slow. Flagged RED | While the inception phase work has been done the tasks related to formation of WMOs have not sufficiently advanced. A revised realistic timetable for deliverables should be prepared within the original duration of the contract and the NGOs should commit to meet these new deadlines. | NOT RESOLVED | PMU to request NGO workplans. |
| Issue QPR16-2: Supervision Consultant Key Staff Vacancies Are Likely to Impede Work Flagged RED | The RE of Package -2 has been absent for over a year, however RE of Package -1 has joined in prior quarter. The national Social Safeguard Specialist has also been absent for a long time. Key staff must be remobilized as the 2019/20 construction season gets underway. Key staff must be remobilized as the 2019/20 construction season is already far advanced. | PARTIALLY RESOLVED | |
| from QPR15 | | | |
| Issue QPR15-1: Communities Near Newly-Constructed Drainage Sluices that are In Operation Are Experiencing Problems Flagged RED | Five drainage sluices were visited in Polders 32 and 35/3 that have been completed and have been in operation now for nearly six months. At these locations, community members are reporting that they continue to suffer from salinity and/or waterlogging. The problem seems to be that the gates are not fully closing. While the problem appears physical, it may also be exacerbated by the lack of functioning WMGs. DDCS&PMS Consultants to check and have Contractor rectify. | IN PROCESS | |
| Issue QPR15-2: Long Term Monitoring Consultant's Progress is Weak | Consultant should accelerate and provide a revised realistic timetable for deliverables within the original duration of the contract and the Consultant should commit to meet these new deadlines. Phase 2 preparation will depend on the output from this Consultancy. | NOT RESOLVED. Action plans, detailed delivery plans and certain reports are past due. | |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|--|
| Issue QPR15-3: DDCS&PMS Consultants do not meet all tasks of LAP preparation as per contract Flagged RED | The Consultants should prepare a detailed action plan that is time-bound to meet the LAP-related part of their scope of work. LAP preparation generally involves the following: Multiple location-wise Land Management data; Digital representation of cadastral maps & revenue maps with the plot number; Central Repository of all the land related data, Owner details etc.; Pictorial representation of Land Map on Satellite image / Google map; Viewing of daily Land Acquisition status on color coded thematic map; Land Cost Estimation, Calculation & Payment to the Land owner; and others. | PARTIALLY RESOLVED. Progress in getting this started. | |
| from QPR14 | | | |
| Issue QPR14-1: Package 03 LAP/RAP will be obsolete unless the works are started promptly | <ul style="list-style-type: none"> ▪ BWDB should take steps to get the works underway as soon as possible. | IN PROCESS While it has been decided that Package 3 will not be part of Phase 1, a project must be developed without delay. BWDB and World Bank have agreed to issue REOI in November 2019. | BWDB to take the lead. |
| from QPR13 | | | |
| Issue QPR13-1: Decision is Needed on Project Restructuring and Additional Financing if Pkg 02 Land Acquisition is to be Completed and Pkg 03 is to Proceed Flagged RED | <ul style="list-style-type: none"> ▪ World Bank and BWDB to revise DPP and restructure the project as required | NOT YET RESOLVED While it has been decided that Package 3 will not be part of Phase 1, additional funds are still required to complete the land acquisition of Package 02 | BWDB to move forward on DPP revision. |
| from QPR12 | | | |
| Issue QPR12-1: Package 02 Contractor physical progress is weak. Flagged RED | Resource-based detailed modular planning is required and Package 02 Contractor's senior management must continue to be engaged by DDCS&PMS Consultant and PMU. | NOT YET RESOLVED Progress of the Package 02 Contractor's work stands at about 33.3% as of September 2019 – two years since commencement. | Close monitoring is needed from DDCS&PMS |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|--|---|
| Issue QPR12-2: Nalian Dam Work Is Now Urgent. Flagged RED | The Contractor for Package 01 has deferred work on Nalian Dam for two years. There is serious weakness in the ring dyke at the site of the Nalian Dam due to the hydrodynamic forces and its failure is increasingly likely. Construction of the Nalian Dam cannot be deferred another year, without costly rehabilitation of the ring dyke to buy time so it should proceed immediately. | NOT YET RESOLVED Sub-structure work has been nearly completed by June 2019. | The upcoming 2019/20 construction season is the critical for completing the Dam and DDCS&PMS Consultant must monitor work progress closely. |
| from QPR9 | | | |
| Issue QPR9-1: Functionality of PAVCs, PRACs and GRCs is At Risk. Flagged RED | Simply due to the lack of honoraria or allowance, committees that are critical to the Project are not well functioning and are at risk of losing the interest of participants. Participation in these committees represents additional duty and requires extra effort and expense for travel, which is not compensated. It is recommended that the BWDB and DDCS&PMS Consultants meet to devise a solution. The Consultants are responsible for RAP implementation, but the ToR does not specifically address this matter. | NOT YET RESOLVED | 1. PMU office has to take action and create budget allocation for honoraria or allowance of all committees. |
| from QPR8 | | | |
| Issue QPR8-1: Package 01 Work Program is not credible without the underpinning detail Flagged-RED | DDCS&PMS Consultant to assist the Package 01 contractor to build up their resource-based work plan from detailed plans and then encourage the Contractor to use these plans to monitor progress and address delays on a weekly basis. | RESOLVED, though level of detail could be improved. Work Programme was submitted and subsequently accepted on 26 August 2018 | |
| Issue QPR8-2: Package 02 EPs Awareness of RAP Provisions is Inadequate | The DDCS&PMS Consultant should appoint sufficient numbers of RAP team staff to Package 02 polders and ensure full coverage and disclosure of all important information. The tools (such as Bengali language pamphlets) have already been developed for Package 01, so this is simply a matter of staff allocation. Number of FGD meetings to be increased and held regularly during these months as release of compensation payments nears. Also, PRACs should be formed and made functional without delay. | PARTIALLY RESOLVED. FGD meetings have increased and compensation payments have begun | |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|--|
| from QPR7 | | | |
| Issue QPR7-1: Upcoming Absence of Supervision Consultant's Top Three Key Staff - Team Leader and Resident Engineers for Package 1 & 2 Flagged-RED | An interim Team Leader is currently in place, and the replacement has been accepted by World Bank and recommended to MoWR. RE for Package 01 and RE for Package 02 continue to be vacant. Qualified replacements must be identified and approved without delay. | RESOLVED DDCS&PMS Consultants proposed replacements for these three positions. All 3 (three) positions have been approved by competent authority. The new Team Leader joined, but RE did not join due to health reason. | Replacement staff have been approved and were in place. (However, see update in QPR#16.) |
| Issue QPR7-2: RAP Irregularities Have Been Alleged so Systems Must be Strengthened | The DDCS&PMS Consultant may look into the matter diligently and also make sure that systems and procedures of the RAP Implementation Consultants and DDCS&PMSC are strengthened for proper targeting, better oversight and greater transparency. For example: <ul style="list-style-type: none"> • EPs should receive advance notice of their compensation to be paid with detailed breakdown of the basis of calculating payment (square footage, type of structure, material of the structure, etc.); • The PAVC rates should be public knowledge and widely disseminated • EPs should continue to be clearly informed that they are not obligated to make any payment to FGD president or anyone else in order to receive their entitlement | Status of Investigation – NOT KNOWN. Status of Improved Information Flows to EPs – NOT RESOLVED. | May be investigated by DDCS&PMSC and system improvements enacted. Steps taken may be communicated. |
| from QPR6 | | | |
| Issue QPR6-1: River Bank Protection Works Need Urgent Attention and Additional Resources Flagged RED | Some of these works are already foreseen and budgeted in Works Package 01, but additional BPW with estimated cost of about \$80m are reported to be needed in the four polders as well. This has been subdivided into two roughly equal groups – those that are essential and those that would be useful. An economic analysis should be undertaken to examine best options/designs and value engineering done, source of funds to be | NOT YET RESOLVED DDCS&PMS Consultants prepared a proposal with budget and supplemental EIA in the Apr-Jun 2017 quarter. | Options to be evaluated on economic basis, fund source identified, and procurement to proceed once approvals obtained. |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|---|--|
| | arranged and procurement to proceed on an urgent basis. | | |
| Issue QPR6-2: Engineer Needs to Deploy Additional Site Staff Flagged RED | With the signing of the works contract for Package W-02, the Engineer will need to deploy additional site staff in parallel with their mobilization. The DDCS&PMS Consultants have submitted a request for budget re-allocation for this purpose to the PMU. | NOT YET RESOLVED Next dry season, consultant will deploy | The DDCS&PMS and PMU need to agree on the contractual aspects so that additional site staff can be deployed on time. |
| from QPR5 | | | |
| Issue QPR5-1: Specifications Need Heightened Attention - In Particular Specifications 9.1 to 9.5 Dewatering of Subsurface and Surface Water Flagged RED | A dewatering plan needs to be developed based on know-how of the local conditions. Properly executed pumping tests and relevant geo-technical survey would provide such know-how which is needed in a timely fashion. The DDCS&PMS may need to provide added attention and assistance to the Contractor to ensure compliance with specifications and timely completion of the foundation and other works before the monsoon. | RESOLVED While the first sand piling activities produced flooding of the excavated foundation of DS 1 of Polder 35/3, the DDCS&PMS has worked closely with the Package 01 Contractor to put in place a dewatering plan and also to undertake the needed surveys at all future DS sites. | To be monitored. |
| Issue QPR5-2: Better Planning to be Achieved in Work Program for Package 02 | The DDCS&PMS is to provide the Contractor with advice on time and equipment requirements of the aggregated work items. This information should form the basis for developing work break down structure and modular schedules for each of the BoQ items which could be aggregated as per the experiences under Works Package 01. Subsequently the Contractor is to subdivide works per polder into sections and develop work programs for each section. These sectional work programs would be aggregated to a realistic and final GCC 8.3 Programme. Next the work program should incorporate resettlement requirements and associated temporary hindrances. The work program should be prioritized accordingly and incorporating the schedules and risks of the resettlement program. | PARTIALLY RESOLVED Work Programme details submitted and reviewed by DDCS&PMS. | Work breakdown structure for typical sections and items of work to be developed. |
| Issue QPR5-3: Embankment | The design should consider appropriate measures on the country side of the dyke if a | RESOLVED | 1. May be investigated by |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|--|
| Seepage May Be Exacerbated by Adjacent Fish Ponds | pond has encroached near to the country side toe. This may include compaction and earthworks on the country side slope. In this way excessive seepage through the dyke is to be prevented. | No seepage found during later field visits. | DDCS&PMSC 2. DDCS&PMS has to supervise closely. |
| Issue QPR5-4: Review and Timeliness of Afforestation | The DDCS&PMSC should review the afforestation needs (there seems to be a potentially useful additional site in the vicinity of the cyclone shelter of polder 33). The NGO responsible for the afforestation effort under the project should be contracted as soon as possible. | RESOLVED. Agreements have been signed with BFD in some districts in late 2018. Plantation is going on and BFD has given plan for 2019-20. | CQS method of procurement is being used to expedite procurement of NGOs. Afforestation is being cut from TOR of NGOs and shifted to BFD. |
| Issue QPR5-5: Need for Project Implementation Manual / Updating and Completion of Method Statements | The contractor has provided a general description of methods on 22 April, 2016 but these do not reflect any re-survey. The method statement lists technical work steps but does not include aspects of measurements as basis for final billing. Further, method statements on dewatering, sand piling, sheet piling and other works have not yet been completed. The DDCS&PMSC should work with the Contractor to finalize method statements for the different works required. These statements should include methods of measurements as basis for billing and should identify work steps in a work break down structure. Overall method statements should be consolidated in a Contract specific (or overall) Project Implementation Manual. | PARTIALLY RESOLVED | |
| Issue QPR5-6: Micro-level Planning / Monitoring Requires Strengthening | Over time, micro-level planning in line with detailed work breakdown structures (WBS) would improve as experience would enhance knowledge of time requirements etc. | NO EVIDENCE | Contractors to prepare these plans with guidance of DDCS&PMS Consultants. |
| Issue QPR5-7: Early Prioritization of LA/Resettlement Concerns Is Needed | Certain cases of LA are more complicated due to various reasons such as lack of official title. The Consultants should review the time and effort required for processing particular LA/resettlement concerns and give early attention to those which proved most difficult to resolve in the past for. | PARTIALLY RESOLVED DDCS&PMS Consultant's RAP Team is adapting based on lessons, but a systematic review has not been provided. | |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|--|
| from QPR4 | | | |
| Issue QPR4-1: Land Acquisition Cost Has Increased Dramatically | World Bank and GoB may consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs. The GoB has passed a law that compensation for land shall be at 3x market value, with effect from 01 July 2017. This will affect Package 02 cost and has been taken into account. | PARTIALLY RESOLVED The World Bank and GoB have agreed to re-structure CEIP-1 and provide the needed funds. | Get approval for revised DPP and World Bank approval for restructuring that includes adequate resources for LA. |
| Issue QPR4-2: Delay in Signing of Contract for Works Package 02 | World Bank and GoB agree on way forward, given shortfall in land acquisition budget. | RESOLVED Notice of Award issued and contract signing proceeded with a proviso that full works on two polders will depend on obtaining LA financing. | |
| Issue QPR4-3: Relocation Planning and Assistance to be Improved Flagged RED | <ol style="list-style-type: none"> 1. The DDSC&PMS Consultants (through their RAP team) should develop a tally of each and every PAH as to where they are moving, whether temporary or permanent, etc. and verify this information. 2. PRAC should begin to function immediately and be given an orientation by DDSC&PMS Consultants and PMU's Senior Social Specialist as to their mandate and operation guidelines and some logistic support provided so they can execute their responsibilities. Make sure that the PRAC for Package 02 is operational before the resettlement process advances to relocation stage. 3. DDSC&PMS Consultant and the PRACs should monitor and report any cases where squatters are having difficulty identifying a place to relocate. 4. EPs to be informed in advance of the total estimated amount of compensation they are to receive under the entitlement framework specified by the RAP and not left to guess how much they will get until the day they receive their check. Such advance information would allow the EPs | <ol style="list-style-type: none"> 1. RESOLVED 2. PARTIALLY RESOLVED as Package 01 PRACs have convened, yet functionality to be improved. 3. IN PROCESS 4. AGREED, BUT NOT YET IMPLEMENTED. 5. PARTIALLY RESOLVED Group relocation area has been isolated due to access road in polder 32, 33, 35/1 in package 1 and 48 in package -2 | <ol style="list-style-type: none"> 1. To be followed going forward 2. PRACs need to convene and some modest honorarium is required. 3. To be followed going forward 4. To be implemented by RAP Consultants and/or PMU and reported. 5. DDSC&PMS to take action to achieve their civic amenities. |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|---|---|--|
| | <p>to know how much they have to work with when looking for a new place to live.</p> <p>5. Group relocation needs to come with civic amenities.</p> | | |
| <p>Issue QPR4-4: Livelihood Restoration Program Needs Attention Flagged RED</p> | <p>There is no plan for the livelihood restoration program. The DDCS&PMSC should develop a training program and oversee its implementation. A needs assessment must be conducted of each PAH, taking into account their skills, resources, risk tolerance, desires and business/ livelihood opportunities at the sites/ locations where they are relocating. Then a relevant training program (having relevant tailored content, sequencing of a series of topics, and refresher trainings) must be developed and delivered with outcome-based targets. The training should commence prior to relocation and continue afterwards.</p> | <p>NOT RESOLVED Based on assessment survey for livelihood by DDCS&PMS, PMU has prepared report on livelihood restoration and submitted to World Bank for review. The finding is 5% EPs livelihood have gone downward. In principle, PMU has agreed to pay to the effected EPs.</p> | <p>DDCS&PMSC to report on the actions it is taking. The Consultants are responsible for implementing the RAP and, per their TOR, the RAP includes "...[an] implementation schedule including timelines for land acquisition milestones, relocation and livelihood restoration of PAPs..." PMU to take action.</p> |
| <p>Issue QPR4-5: PMU Team Needs Assistance</p> | <p>All the required PMU staff should be recruited.</p> | <p>ESSENTIALLY RESOLVED Remaining recruitment in process</p> | <p>13 of 14 individual consultants for PMU are in place. In addition, Deputy PD remains to be recruited.</p> |
| <p>Issue QPR4-6: Environmental Monitoring Capability Must be Strengthened Further</p> | <p>1. Environmental monitoring and mitigation training must involve a series of sessions. The training program must be developed and implemented without delay since the 2016/2017 construction season has commenced in late September.</p> <p>2. As already recommended by the DDCS&PMS Consultants, the Contractor should appoint at least one Environmental Officer and polder-wise environmental monitors should be in place that carry no other responsibility.</p> | <p>1. RESOLVED The training program has not been laid out, though training is taking place.</p> <p>2. PARTIALLY RESOLVED One Environmental Officer has been appointed, but the polder-wise environmental staff carry additional (non-environmental) duties.</p> | <p>Training program (plan) to be outlined. Polder-level environmental staff to be monitored as to effectiveness. Though training is taking place which are on job but formal/ classroom-based training should be conducted both by the Environmental Specialists of DDCS&PMS Consultants & PMU.</p> |

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

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|---|
| Issue QPR4-7: Preparation of CEIP-Phase 2 Should Commence Soon Given the Serious Need | Since project preparation and appraisal takes a substantial amount of time and the need for embankment improvement in the coastal polders is apparent, it is recommended that the World Bank and GoB begin planning for the preparation of CEIP-2 as soon as practically possible. | PARTIALLY RESOLVED The new Procurement Plan prepared in the quarter ending 31 March 2017 projects TOR preparation for August 2017. DDCS&PMS Consultants preparing background material for Phase 2. | PMU has prepared ToR and finalized based on World Bank comments. REOI to be issued in November 2019. |
| from QPR3 | | | |
| Issue QPR3-1: Security is a Growing Concern | The security situation in Bangladesh has not directly affected the works or services as of this time, but judgment and caution must be exercised for any travel within the country. Signage at campsites may be made inconspicuous. Consultants and Contractors may wish to develop and put in place a security plan for their Dhaka staff and field staff. | RESOLVED for now, but CAUTION required. The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous. PD has written to the police in the project area and they have standing orders to accompany staff to the field when requested. The building in Dhaka where the DDCS&PMSC hold office has been guarded by armed police since August 2016. | Security risks should continue to be monitored as they could constrain field activities of international staff. Police guards at the Dhaka office of the Consultants should be maintained through 2017. |
| Issue QPR3-2: Equipment Mobilized on Contract W-01 is Inadequate Flagged-RED | Given that the monsoon season precludes earthwork, the Contractor should use this season to fully equip its operation so that work can begin without delay and in earnest in October. | RESOLVED. UPDATE (30 Sep 2018): Due to the acceptance of the revised Work Program, the equipment in hand may well suffice. | If required, additional equipment should be procured or rented immediately. |
| from QPR2 | | | |
| Issue QPR2-1: Overall Reporting | Reports should be submitted on time by all consultants, otherwise this consolidated | PARTIALLY RESOLVED. The M&E Consultants | DDCS &PMS Consultant reports |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|--|---|
| System Needs Attention and Improvement | report will be delayed or incomplete. It is essential that reports segregate current period accomplishments and activities from cumulative numbers and compare monthly/quarterly progress against monthly/quarterly plans. Explanations of deviations from plan should be provided. | and PMU have provided guidance on the content and presentation of reports and continue to work with the DDCS &PMS Consultants in a collegial manner. Report content continues to improve. Reports continue to be late, however. | have improved in segregating activities and accomplishments by quarter, showing plans, being more succinct and graphic. |
| Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment Flagged RED | The project is now estimated to cost more than planned due to a number of reasons – higher land acquisition costs, additional bank protection works, additional consultancy costs, and increased taxes. Also the USD/SDR exchange rate has changed resulting in a budget shortfall of at least \$27 million. A DPP revision should be prepared without delay capturing whatever changes are required utilizing savings from the elimination of package 03. | NOT RESOLVED. A proposal for DPP revision was prepared in September 2017 and shared with the World Bank. It did not cover all cost increase areas, but focused on additional Bank Protection Works and increased Land Acquisition costs. | Any other required changes for works and consultancy services contracts should be captured and the revised DPP drafted so that key changes can be approved before budget constraints hamper project implementation. |
| Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled Flagged RED | BWDB may request the DC to give priority to completing (i) the compensation rates for non-titled PAPs and thus enable updating of the RAP, payment calculations and issuance of checks by the PD, and (ii) the JVS of Polder 35/1. | RESOLVED. JVS for remaining section of polder 35/1 completed in September 2016. | |
| Issue QPR2-4: There may not be a consistently systematic approach to document processing and control | Each survey or technical report needs submission through a formal process. Copy should be provided to IPOE and the M&E Consultant. A table of reports and review status should be provided by the DDCS&PMS Consultants at the end of every quarter. | ESSENTIALLY RESOLVED. Improvement is noted as technical reports are generally being submitted to PMU and M&E Consultant. A table of reports is being provided by DDCS&PMSC. | DDCS&PMSC will consistently follow the recommendation. |
| Issue QPR2-5: Measure of physical progress needs to be developed | Currently, the S-curve presented in the DDCS&PMSC reports shows cumulative physical progress (actual versus planned) only in financial terms. De facto, this will always show physical progress ahead of financial disbursement and will not provide any alert as to potential cost overrun. A weighting of physical progress is required, building up from the BOQ elements and not | RESOLVED. DDCS&PMS Consultant has prepared and adopted a percent progress formula for embankment works that is based on physical works. | DDCS&PMSC to propose methodology and organize a meeting with PMU, IPOE and M&E to finalize the weighting of physical elements of the works. |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|--|--|
| | directly related to the cost of these items. The DDCS&PMS Consultants to propose an approach and meet with PMU and M&E Consultants to discuss and finalize. | | |
| Issue QPR2-6: Environmental Concerns may need attention – mitigation for fish migration | DDCS&PMSC to study the question and inform their plans for satisfying the requirement for free passage of migrating fishes from three perspectives – 1) physical design; 2) construction work methods; 3) hydraulic structure operation guidelines. In addition, the question must be answered as to who (what agency) will practically ensure (and how) that fish spawning needs are looked after in the operational planning and decision-making with respect to water control structure operation. | PARTIALLY RESOLVED. M&E Consultants met with the Fisheries Expert of DDCS&PMSC to elaborate the concern and provide guidance. | DDCS&PMSC to explain options and make their recommendations to PMU. DDCS&PMSC and PMU to monitor the fish migration issues with the relevant structures from design level to construction level. |
| Issue QPR2-7: Periodic Environmental Reports Required | DDCS&PMS Consultants to prepare Environmental Compliance Monitoring Reports and quarterly, semi-annual and annual environmental reports. PMU to provide guidance on the content and format of these reports. | RESOLVED. PMU, M&E Consultants and World Bank have provided some guidance on the content of various environmental reports. | |
| Issue QPR2-8: Recently Procured Project Vehicles Have Not Been Assigned to the Field | It is observed that none of the 11 project vehicles recently procured by PMU and delivered to the project have been allocated to the field. While currently the vehicles provided by the Contractor for PMU field staff appear to be adequate, the works have barely gotten underway. Procurement of a few more vehicles is planned and it is recommended these vehicles be made available to the implementation staff in the field offices as the field work will soon intensify. | PARTIALLY RESOLVED. PMU in the field has been provided with 2 vehicles by the Contractor for Package 01, so there is sufficient transport available for the time being. | Vehicles purchased in the future may be allocated to the field as packages 2 and 3 will result in more transport demand due to intensified field work. |
| Issue QPR2-9: Construction Supervision Systems to be Strengthened | Given the transition from Survey and Design Phase to Construction Supervision Phase, Construction Supervision Management Systems need to be put into place (or strengthened), including Quality Assurance System, Contract Supervision and Management, Daily Site Reporting Formats, Safety Manual, Safety training, Registration Formats for all Workers and ID system, Billing Formats and Procedures, Variation Management and Procedures, and training of DDCS& PMSC site supervisors and Contractor’s Site Construction Managers, etc. | PARTIALLY RESOLVED. DDCS&PMS Consultants continue to elaborate and improve their systems. | DDCS&PMS Consultants will report on the status of their systems by system element in their monthly and quarterly reports. |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|--|
| <p>Issue QPR2-10:</p> <p>Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</p> <p>Flagged RED</p> | <p>The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract, Contract Management and Claims Avoidance/ Management. While Consultants have been hired to serve as Engineer, the Owner needs to understand the roles, authorities and responsibilities of each party in order to effectively manage the Project. Training may be provided and would be of great use given the upcoming award of two additional large construction contracts under CEIP-1. Currently, the PMU has no in-house expertise for advice on contract issues.</p> <p>With respect to advice on contract issues, the PMU should recruit an independent specialist for this purpose.</p> | <p>PARTIALLY RESOLVED.</p> <p>The World Bank, during its June 2016 mission, signaled its willingness to consider whatever support PMU might need. The WB provided an experience-sharing opportunity in the first week of October 2016 for the PD CEIP-1 with other PDs. Another FIDIC overview was offered by the WB in April 2018. The DDCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could provide such expertise, with an amendment to the ToR and resources.</p> | <p>PD to decide on appropriate option to pursue in consultation with the BWDB, Ministry and then World Bank.</p> |
| from QPR1 | | | |
| <p>Issue QPR1-1:</p> <p>Physical Progress on Works Package W-01 is in danger of being delayed.</p> | <p>i. Contractor to hire equipment until their own equipment is available.</p> <p>ii. Administration of the works would best be managed polder-wise, meaning that a deputy PM or someone in authority should be posted at each polder to permit simultaneous works in four polders.</p> | <p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. The Contractor complied after delay and only after replacement of the PM.</p> <p>ii. Complied</p> | <p>DDCS&PMSC should continue to review adequacy of equipment available at site especially for Works Package 2.</p> |
| <p>Issue QPR1-2:</p> <p>Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</p> | <p>i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication and cultural understanding.</p> | <p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. Contractor has appointed interpreters to serve on each of the four polders.</p> <p>ii. Contractor has hired a Bangladeshi sub-contractor.</p> | <p>Consider requiring communication as an explicit part of bid requirement for Package 03.</p> |
| <p>Issue QPR1-3:</p> <p>Procurement of Works Contractors by ICB has failed to attract broad</p> | <p>i. For future packages, the Pre-Qualification criteria should be reviewed and possibly adjusted (for example, to better specify the meaning of experience in similar projects to include physical, logistic and complexity</p> | <p>i. RESOLVED.</p> <p>ii. NOT RESOLVED.</p> <p>iii. RESOLVED.</p> | <p>Procurement completed for all packages.</p> |

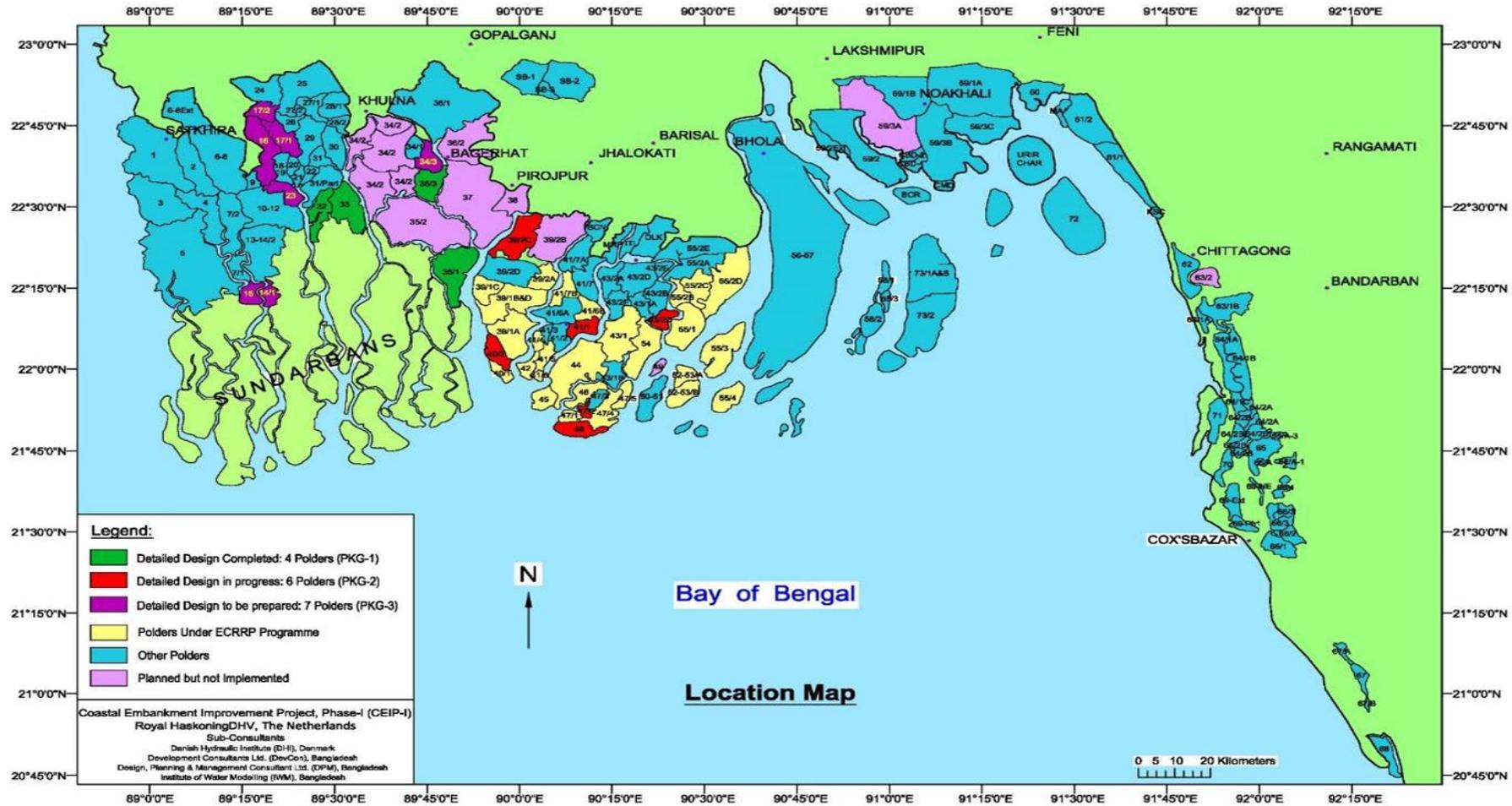
| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|--|--|
| international interest | <p>aspects relevant to the Bangladesh coastal zone) and past performance references should be checked.</p> <p>ii. Exceptionally low priced bids should be eliminated from consideration.</p> <p>iii. Consider the option of issuing bid packages of 2-3 polders each for the remaining works.</p> | <p>i. DDCS&PMSC have agreed to review for Package 3 works.</p> <p>ii. Pending, but may not be possible under procurement rules.</p> <p>iii. Discussed with World Bank and declined.</p> | |
| <p>Issue QPR1-4: LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor Flagged RED</p> | <p>i. Appointment of PAVC members must be completed quickly.</p> <p>ii. PAVC must finalize the compensation rates for various types of losses without delay.</p> <p>iii. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDCS&PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p> | <p>i. RESOLVED FOR PKG 01 and PKG 02</p> <p>ii. RESOLVED FOR PKG 01 and most of PKG 02</p> <p>iii. PARTIALLY RESOLVED</p> <p>i. PAVC appointed for Package 01 in December 2015 and for Package 02 in 2017.</p> <p>ii. Rates for various assets set by PAVC. Land valuations are now done for Package 01 and for 4 polders of Pkg 02.</p> <p>iii. M&E Consultant has requested the DDCS&PMSC for a detailed risk assessment approach. Accordingly, they have prepared a section-wise approach to construction planning. The DDCS &PMSC are to provide LA requirement details for each of the works items separately so as to better assess risks.</p> <p>IN PROGRESS</p> <p>1. Due to erosion in some places, new land must be acquired for retired embankments of Package 01. It will be a challenge to handover these 14.5 hectares of land to the contractor because compensation will have to be paid by DC office.</p> | <p>PAVC members for Package 02 may be appointed and begin their work without delay. System for tracking unencumbered sections by way of a calendar yet to be developed. DDCS&PMS to take immediate action to achieve the target and PMU may follow up to DC office to get land before beginning of dry season 2019/20.</p> |
| <p>Issue QPR1-5: Recruitment of NGOs and</p> | <p>PMU to develop a time-bound plan for procurement/ recruitment of these consultants and services – e.g., IPOE,</p> | <p>RESOLVED</p> | |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|-------------------|
| <p>Additional PMU Staff is to be phased in during the next two quarters Flagged-RED</p> | <p>Afforestation/WMO NGO, Specialists for PMU field offices, FIDIC/Contracts Specialist, etc.</p> | <p>Recruitment and procurement process had taken much time. 13 of 14 individual consultants have been recruited. Deputy PD position vacant.</p> | |
| <p>Issue QPR1-6: The M&E Consultants will be required to expend additional resources given the need for multiple baselines and large sample required</p> | <p>The M&E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.</p> | <p>RESOLVED A preliminary draft justification has been shared with PMU, followed by a proposal. Finally, the M&E Consultants have managed to meet requirements within existing budget.</p> | |
| <p>Issue QPR1-7: Reporting Formats of implementing partners do not consistently provide needed information</p> | <p>M&E Consultant will continue to work with the other consultants to develop a clear format for the reporting of all project inputs, processes and outputs.</p> | <p>ESSENTIALLY RESOLVED DDCS&PMSC have substantially and progressively improved their monthly progress reporting over time.</p> | |

ANNEXES

- Annex 1 : Map of the Project Area
- Annex 2 : Basic Characteristics of the Project Area
- Annex 3 : Overview of PMU Staff
- Annex 4 : Budget and Disbursements
- Annex 5 : Procurement Status and Plans
- Annex 6 : GAAP Report
- Annex 7 : Key Performance Indicators and Targets as per PAD/DPP

Annex 1 Map of the Project Area



Annex 2: Basic Characteristics of the Project Polders as per PAD

| Sl No. | Polder No./ Polder Name | Location Thana | District | Gross Protected Area (HA) | Cultivable area (Ha) | Existing Project Feature | | | | Av. Existing level of Embankment (m PWD) | Polder Population |
|--------|-------------------------|--------------------------|-----------------|---------------------------|----------------------|--------------------------|----------------|---------------------|-----------------------|--|-------------------|
| | | | | | | Embkt. (km) | Regulator (No) | Flushing Inlet (No) | Drainage Channel (km) | | |
| 1 | 14/1 | Koyara | Khulna | 2,933 | 2,350 | 30.50 | 4 | - | 30 | 3.75 | 20,578 |
| 2 | 15 | Symnagor | Satkira | 3,441 | 2,925 | 30.78 | 5 | - | 40 | 4.00 | 31,788 |
| 3 | 16 | Paikgacha, Tala, Dumuria | Satkira, Khulna | 10,445 | 8,102 | 45.00 | 12 | 31 | 21 | 3.00 | 118,616 |
| 4 | 17/1 | Dumuria | Khulna | 5,020 | 4,000 | 38.50 | 11 | 0 | 43 | 3.50 | 23,919 |
| 5 | 17/2 | Dumuria | Khulna | 3,400 | 2,700 | 11.00 | 6 | 0 | 21 | 3.50 | 34,070 |
| 6 | 23 | Paikgacha | Khulna | 5,910 | 4,872 | 37.00 | 11 | 39 | 36 | 3.30 | 23,888 |
| 7 | 32 | Dacope | Khulna | 8,097 | 6,500 | 49.50 | 16 | 35 | 45 | 3.75 | 38,397 |
| 8 | 33 | Dacope | Khulna | 8,600 | 7,600 | 52.50 | 13 | 19 | 100 | 3.80 | 62,305 |
| 9 | 34/3 | Bagerhat | Bagerhat | 3,656 | 2,930 | 16.75 | 3 | 6 | 35 | 2.80 | 65,399 |
| 10 | 35/1 | Sharankhola, Morelgonj | Bagerhat | 13,058 | 10,700 | 62.50 | 14 | 25 | 56 | 4.35 | 99,182 |
| 11 | 35/3 | Bagerhat Sadar, Rampal | Bagerhat | 6,790 | 5,090 | 40.05 | 4 | 11 | 75 | 2.70 | 31,075 |
| 12 | 39/2C | Matbaria, Bhandaria | Pirojpur | 10,748 | 8,500 | 59.25 | - | 4 | 57 | 2.50 | 84,853 |
| 13 | 40/2 | Pathargatha | Barguna | 4,453 | 3,300 | 35.58 | 12 | 21 | 50 | 4.30 | 41,317 |
| 14 | 41/1 | Barguna Sadar | Barguna | 4,048 | 3,440 | 33.81 | 6 | 28 | 84 | 4.00 | 41,051 |
| 15 | 43/2C | Galachipa | Patuakhali | 2,753 | 2,000 | 25.70 | 6 | 16 | 24 | 4.00 | 14,851 |
| 16 | 47/2 | Kalapara | Patuakhali | 2,065 | 1,850 | 17.55 | 3 | 6 | 30 | 4.25 | 5,411 |
| 17 | 48 | Kalapara | Patuakhali | 5,400 | 3,715 | 37.88 | 8 | 3 | 45 | 5.30 | 26,260 |
| | | | | 100,817 | 80,574 | 624 | 134 | 244 | 792 | | 762,960 |

Source: Project Appraisal Document 2013

Annex 3: Overview of PMU Staff

PMU Office Mobilization & Contact Numbers

PABX-9899320, 9899373

Fax: +88-02-9899325

PMU Staff

| SI | Designation | Name of Persons | Mobile Number | First Mobilization Date | Status |
|----|---|---|------------------------------|-------------------------|------------------------|
| 1 | Project Director | Dr. Md. Mizanur Rahman | | February 2020 | |
| | Project Director | Mr. Akhil Kumar Biswas | 01716-362472 | 20 Jan 20 | Transferred |
| | Project Director | Mr. Md. Habibur Rahman | 01745-650854 | 29 Jan 18 | Promoted |
| | Project Director | Mr. Md. Delwar Hossain | 01745-650854 | 09 Feb 16 | Transferred |
| | Project Director (former) | Mr. Md. Sarafat Hossain Khan | 01715-038519 | Nov 2013 | Promoted |
| 2 | Deputy Project Director | Mr. Abdul Awal | 01727-002764 | 20 Jan 20 | |
| 3 | Project Manager/Executive Engineer | Md. Kohinoor Alam | 01725-317790 | | |
| | Project Manager/Executive Engineer | Mr. Musa Nurur Rahman | 01715-740505 | | Transferred; vacant |
| 4 | Executive Engineer | Mohammad Ali | +88-029899373 | | |
| | Project Manager/Executive Engineer | Mr. Jakaria Pervez | 0171-2660025 | | |
| | Project Manager/Executive Engineer | Mr. Md. Nazibur Rahman | 01711-134034 | | Transferred; vacant |
| 5 | Executive Engineer | Mohammad Samiul Hoque | 0172-6233262 | | |
| | Project Manager/Executive Engineer Khulna | Mr. Md. Abdul Hannan | 01712-101250 | | |
| 6 | Project Manager/Executive Engineer Bagerhat | Mr. Mashiur Rahman | | Apr-Jun 2017 | |
| 7 | Deputy Director (Accounts) | A.M.M Farid Uddin Chowdhury | 01711-370421 | | |
| | Additional Director (Account) | Mr. Md. Kabir Ahmed | 01712-062333 | | |
| 8 | Deputy Director (Audit) | Vacant | | | Vacant |
| | Sub Divisional Engineer (former) | Mr. Md. Safiqul Islam Sheikh | 01734-601836 | | Promoted & Transferred |
| | Sub Divisional Engineer (former) | Mr. Md. Rezaul Karim | 01868-555198 | | Promoted & Transferred |
| | Sub Divisional Engineer | Mr. Md. Abdullah Al Mamun | 01727-002788 01715-145975 | | Promoted & Transferred |
| 9 | Assistant Engineer | Md. Salauddin | +88-029899373 | | |
| | Assistant Engineer | Mr. Md. Samiul Hoque | 0172-6233262 | 01 Feb 16 | |
| 10 | Assistant Engineer | Mr. Md. Mustafizur Rahman | 0171-5418687 | 10 Nov 16 | |
| 11 | Sub Assistant Engineer | Md. Moyez Uddin | | | |
| | Sub Assistant Engineer (former) | Mr. Biplob Kumar Gun | 01715-007621 | | Promoted & Transferred |
| 12 | Sub Assistant Engineer | Mr. Md. Kabirul Islam | 01711-943281 | 16 Feb 14 | |
| 13 | Accountant | Mr. Md. Badarudduza | 0174-9044491 | 24 Mar 14 | |
| 14 | Cashier | Mr. Md. Kajal Hawlader | 0181-6223451 | 27 Aug 15 | |

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

| SI | Designation | Name of Persons | Mobile Number | First Mobilization Date | Status |
|---|--|--------------------------------|------------------------------|-------------------------|---|
| | Secretary | Ayesha Salam | 01816-365597 | | Resigned July 2016 |
| 15 | Account Assistant | Mr. Swapan Kumar Sarker | - | | |
| 16 | Office Assistant Cum Computer | Md Bellal Hossain | +88-029899373 | | |
| 17 | Office Assistant Cum Computer | Md. Jakaria Islam | - | | |
| 18 | Driver | Md. Rashedul Islam Rashed | - | | |
| 19 | Driver | Anup sewli | - | | |
| 20 | Driver | Md. Sumon | - | | |
| 21 | M.L.S.S | Md. Mohiuddin | - | | |
| 22 | M.L.S.S | Shimul Islam | - | | |
| 23 | M.L.S.S | Md. Azad Ali | - | | |
| 24 | M.L.S.S | Md. Alhaj Sheikh | - | | |
| Certain vacancies to be filled once the work commences in Package O2 including the following for each Bagerhat and Barguna: Sub-Divisional Engineer, Assistant Engineer, Assistant Director, Deputy Assistant Engineer, Office Assistant cum Computer Operator and support staff. | | | | | |
| Individual Consultants to PMU | | | | | |
| 1 | IPoE | Dr. Ainun Nishat | 04478-444093 01819-228245 | 23 Mar 15 | Completed contract Dec 2017 |
| 2 | Procurement Specialist | Mr. A.K.M Bodruddoza | 01718-666946 | 21 Nov 13 | First contract expired 30 Oct 16, extension issued |
| 3 | Procurement Panel Chairman (International 1) | Mr. Narayan Sharma | | 25 Nov 13 | Completed contract |
| 4 | Procurement Panel Expert (International 2) | Mr. I.A Khan Daniel Thirion | | 01 Apr 15 13 Apr 13 | Completed contract |
| 5 | Procurement Panel Expert (National) | Mr. Aminul Haque | 01966-464646 | 25 Nov 13 | Completed contract |
| 6 | Sr. Revenue Specialist | Mr. M. A. Saleque | 01199-001112 | 12 Aug 14 | First contract expired 22 Dec 16; extended to 22 Sep 19 |
| 7 | Sr. Social Specialist | Mr. Mustafizur Rahman | | 07 Aug 17 | |
| | Sr. Social Specialist | Mr. Hasanur Rahman | 01712-780176 | 02 Oct 14 | Resigned 03 Jan 17 |
| 8 | Financial Management Spec. | Mr. Michael Gomes | | 24 Apr 17 | |
| | Financial Management Spec. (former) | Mr. Nasser Ahmed | 01924-274567 | 02 Mar 15 | Resigned 29 Feb 16 |
| 9 | Sr. Environmental Specialist | Dr. Ashadul Alam | 01747-215770 | 13 Apr 15 | Did not renew contract that |

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

| SI | Designation | Name of Persons | Mobile Number | First Mobilization Date | Status |
|----|-------------------------------|-----------------------|---------------|-------------------------|-----------------------|
| | | | | | expired July 2018. |
| 10 | Sr. Forestry Specialist | Mr. Md. Akbar Hossain | 01711-543475 | Jul 17 | |
| 11 | IPoE Social Expert | Dr. Hafiza Khatun | 0177-7817001 | Jul 2017 | |
| 12 | IPoE Panelists (3) | Vacant | | | Deferred indefinitely |
| 13 | Communication Officer | Kamal Najmus Salehin | | Jul 2018 | |

Annex 4 Project Input: Budget and Disbursements- December 2019 (March data not available)

| | | | | | | | | | | | | 1 US\$= 79 BDT | |
|---|--|-------------------|----------------------------|--------------------------|-------------------|-------------|-----------------|----------|------------|----------------------------|-------------------|---------------------------------|---------------|
| Annex 4.1: Financial Progress (Expenditures) – Capital Component of the 2nd Quarter of the FY(2019-2020) [Oct-Dec 2019] | | | | | | | | | | | | | |
| | | | | | | | | | | | | All BDT in Lakh Taka ("00,000") | |
| Major items of action | Total Project | | Planned for the current FY | Progress | | | | | | | Achieved (%) | | |
| | BDT | US\$ | | Cumulative up to Last FY | Q-1 | Q-2 | Q-3 | Q-4 | Current FY | Cumulative up to this Qtr. | Year's Plan | Project Target | |
| | | | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % | |
| 1. Acquisition of Assets | | | | | | | | | | | | | |
| 1.a | Equipment and goods under Comp. B, C, D (6800) | 1,545.30 | 1,956,076 | 600.00 | 717.38 | 0.73 | | | | 0.73 | 718.11 | 0.12% | 46.47% |
| 1.b | Afforestation | 3,280.00 | 4,151,899 | 1,000.00 | 250.00 | - | 200.00 | | | 200.00 | 450.00 | 20.00% | 13.72% |
| 2. Acquisition/Purchase of Land | | | | | | | | | | | | | |
| 2.a | Acquisition of Land (544.16 ha) | 45,394.95 | 57,461,962 | 3,000.00 | 21,552.40 | - | | | | - | 21,552.40 | - | 47.48% |
| 3. Works Contract Packages 1 to 3 | | | | | | | | | | | | | |
| 3.a | Construction & Reconstructions of Drainage Structures (7041) | 29,602.93 | 37,472,063 | 7,000.00 | 6,800.00 | - | | | | - | 6,800.00 | - | 22.97% |
| 3.b | Others (7081) | 173,904.23 | 220,131,937 | 56,400.00 | 81,715.01 | - | 2,428.69 | | | 2,428.69 | 84,143.70 | 4.31% | 48.39% |
| 4. CD & SD | | | | | | | | | | | | | |
| | | 2,815.00 | 3,563,291 | - | - | - | | | | - | - | - | - |
| | Sub-total Capital Component | 256,542.41 | 324,737,228 | 68,000.00 | 111,034.79 | 0.73 | 2,628.69 | - | - | 2,629.42 | 113,664.21 | 3.87% | 44.31% |
| <i>Source: IMED-05 report December, 2019 of CEIP-I</i> | | | | | | | | | | | | | |

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| | | | | | | | | | | | 1 US\$= 79 BDT | | |
|---|--|-----------|----------------------------|--------------------------|-----------|-----|-------|-----|------------|---------------------------|--------------------------------|----------------|--------|
| Annex 4.2 Financial Progress (Expenditures) – Revenue Component of the <u>2nd Quarter of the FY(2019-2020) [Oct-Dec 2019]</u> | | | | | | | | | | | | | |
| | | | | | | | | | | | All BDT in Lakh Taka ("00,000) | | |
| Major items of action | Total Project | | Planned for the current FY | Progress / Achievement | | | | | | | Achieved (%) | | |
| | | | | Cumulative up to Last FY | Q-1 | Q-2 | Q-3 | Q-4 | Current FY | Cumulative up to this Qtr | Year's Plan | Project Target | |
| | BDT | US\$ | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % | |
| 1. Implementation of SAP and EMP | | | | | | | | | | | | | |
| 1.a | Resettlement / Compensation Payments other than Land Acquisition | 12,700.00 | 16,075,949 | 2000.00 | 8,969.70 | - | 12.59 | | | 12.59 | 8,982.29 | 0.63% | 70.73% |
| 1.b | Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. setting up WMOs) | 1,987.21 | 2,515,456 | 1200.00 | 231.54 | - | 81.37 | | | 81.37 | 312.91 | 6.78% | 15.75% |
| 2. Construction Supervision, M&E, Delta Monitoring | | | | | | | | | | | | | |
| 2.a | Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 14,092.29 | 17,838,342 | 2400.00 | 10,041.42 | - | - | | | - | 10,041.42 | - | 71.25% |
| 2.b | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP | 2,699.51 | 3,417,101 | 500.00 | 1,761.41 | - | 56.83 | | | 56.83 | 1,818.24 | 11.37% | 67.35% |

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| | | | | | | | | | | | | | |
|--|---|------------------|-------------------|------------------|------------------|--------------|---------------|----------|----------|---------------|------------------|--------------|---------------|
| 2.c | Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone | 11,860.60 | 15,013,418 | 4100.00 | 2,391.72 | - | 516.89 | | | 516.89 | 2,908.61 | 12.61% | 24.52% |
| 3. | Project Management, TA, Training, Strategic Studies | | | | | | | | | | | | |
| 3.a | Project management support and audits | 9,600.21 | 12,152,165 | 783.00 | 2,421.82 | 56.49 | 93.44 | | | 149.93 | 2,571.75 | 19.15% | 26.79% |
| 3.b | Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel | 745.45 | 943,608 | 60.00 | - | - | - | | | - | - | - | |
| 3.c | Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP | 4,323.64 | 5,472,962 | 700.00 | - | - | - | | | - | - | - | |
| 4. | Overseas Training | 745.45 | 943,608 | 250.00 | 302.20 | - | - | | | - | 302.20 | - | 40.54% |
| 5. | Honorarium/ Fees/ Remuneration | 30.00 | 37,975 | 7.00 | 13.93 | - | 1.45 | | | 1.45 | 15.38 | 20.71% | 51.27% |
| | Sub-total Revenue Component | 58,784.36 | 74,410,584 | 12,000.00 | 26,133.74 | 56.49 | 762.57 | - | - | 819.06 | 26,952.80 | 6.83% | 45.85% |
| <i>Source: IMED-05 report December, 2019 of CEIP-I</i> | | | | | | | | | | | | | |

Annex 5 Project Input Procurement Status and Plans

Annex 5.1 Project Input Procurement Status and Plans – Services

At present there are 44 procurement items of service categories. Among them, 11 (eleven) consulting services would be contracted through firms and 33 consulting services would be recruited through individual consultant. "Procurement progress tracking" is discussed below separately: - firms and Individual Consultant (IC).

Consulting Service through Firm: Out of 11, eight (8) were contracted out and work is going on. The procurement for the Package number CEIP-1/D3/S23 has been deferred. Package number CEIP-1/D2/S22 would not be required. Procurement of Package No. CEIP-1/D1/S26 is under process. Detail procurement process statistics are shown in the Tables 5.1a.

Recruitment of Individual Consultant (IC): 33 Individual Consultants are planned to be recruited. Out of them, 27 have been recruited. Recruitment of 1 Individual Consultants (Package No. CEIP-1/D1/S9-A) is under process. 2 Packages (Package CEIP-1/D1/S24 & CEIP-1/D1/S25) under CEIP-1 have been dropped. Recruiting of remaining 3 (three) ICs (IPOEs) was initiated, but was cancelled considering that the IPOEs would not be required as this stage of the project. Detailed procurement process statistics are shown in Table 5.1b.

Note: Amounts shown below in USD converted as follows: 1 USD = 79 BDT and 1 Euro = 94.34 BDT.

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Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 31 December 2019 (March data not available)

A. Serial number 1 Package (CEIP-1/A2 & B1/S01) has been divided in 5 Sub-Packages and Procurement Method has been changed from QCBS to CQS (Selection Based of Consultant's Qualification). Details status of procurement of those sub-packages of Package 1 are as Follows:

| SI | 1 | | | | | | | | | |
|--|---|---|---|--|---|---|---|--|---|--|
| | 1a | | 1b | | 1c | | 1d | | 1e | |
| Description of Services | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | |
| Package No | CEIP-1/A2 & B1/S1-A | | CEIP-1/ B2,B3 & C1/S1-B | | CEIP-1/ C2/S1-C | | CEIP-1/ C3/S1-D | | CEIP-1/ D2/S1-E | |
| Reference # | CEIP-1/A2 & B1/S1-A | | CEIP-1/ B2,B3 & C1/S1-B | | CEIP-1/ C2/S1-C | | CEIP-1/ C3/S1-D | | CEIP-1/ D2/S1-E | |
| Location / District | Khulna | | Bagerhat | | Pirojpur | | Barguna | | Patuakhali | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | |
| Method: | CQS (Consultant Qualifications Selection) | | CQS (Consultant Qualifications Selection) | | CQS (Consultant Qualifications Selection) | | CQS (Consultant Qualifications Selection) | | CQS (Consultant Qualifications Selection) | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 531,232 | | 619,489 | | 459,287 | | 457,830 | | 398,992 | |
| Preparation of ToR | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 | 21-Aug-17 |
| NOL on ToR & REol | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 | 24-Aug-17 |
| Approval on TOR and REOI | 30-Aug-17 | 24-Sep-17 | 30-Aug-17 | 24-Sep-17 | 30-Aug-17 | 24-Sep-17 | 30-Aug-17 | 24-Sep-17 | 30-Aug-17 | 24-Sep-17 |
| List of NGO from DC | 14-Sep-17 | 02-Nov-17 | 14-Sep-17 | 12-Nov-17 | 14-Sep-17 | 04-Dec-17 | 14-Sep-17 | 01-Nov-17 | 14-Sep-17 | 03-Jan-18 |
| Receipt of REol | 01-Oct-17 | 22-Nov-17 | 01-Oct-17 | 27-Dec-17 | 01-Oct-17 | 27-Dec-17 | 01-Oct-17 | 22-Oct-17 | 01-Oct-17 | |
| Evaluation of EOI and Approval | 31-Oct-17 | Completed | 31-Oct-17 | Completed | 31-Oct-17 | Completed | 31-Oct-17 | 18-Dec-18 | 31-Oct-17 | 18-Dec-18 |
| Receive of Combined Proposal from 1 st ranked NGO | 07-Nov-17 | RFP was issued and last date of proposal submission is 16-Aug-18. | 07-Nov-17 | RFP was issued and last date of proposal submission is 16-Aug-18 | 07-Nov-17 | RFP was issued and last date of proposal submission is 16-Aug-18 See remarks | 07-Nov-17 | RFP was issued and last date of proposal submission is 02-Feb-19 | 07-Nov-17 | RFP was issued and last date of proposal submission is 02-Feb-19 |
| Negotiation | 28-Nov-17 | 29-Oct-18 11-Nov-18 | 28-Nov-17 | 25-Oct-18 | 28-Nov-17 | 19-Nov-18 | 28-Nov-17 | 27-Mar-19 | 28-Nov-17 | 27-Mar-19 |
| Notification of Intention of Award | | | | | | | | | | |
| Contract Signature Date | | 24-Feb-19 | | 24-Feb-19 | | 24-Feb-19 | | 2 May 2019 | | 2 May 2019 |

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| SI | 1 | | | | |
|--|--|--|--|--|---|
| | 1a | 1b | 1c | 1d | 1e |
| Description of Services | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan | Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan |
| Total days of Process (Bid Opening to Contract Signing Date) | 192 days | 192 days | 192 days | 259 days | 259 days |
| Commencement of Services | 18 Mar 19 | 18 Mar 19 | 18 Mar 19 | | |
| End of Contract (Completed) | | | | | |
| Remarks | <p>1st Negotiation Meeting was held on 29 October 2018. 2nd one was held on 18 November 2018. Negotiation was successful. Purchase Proposal was sent to Ministry on 27 December 2018 for approval.</p> <p>Contract signed on February 24, 2019. The Consultant has commenced the services from March 18, 2019.</p> | <p>1st Negotiation Meeting was held on 29 October 2018. 2nd was held on 18 November 2018. Negotiation was successful. Purchase Proposal was sent to Ministry on 27 December 2018 for approval.</p> <p>Contract signed on February 24, 2019. The Consultant has commenced the services from March 18, 2019.</p> | <p>RFP was issued to the 1st ranked NGO. The last date of submission of proposal was 16-Aug-18.</p> <p>The 1st rank NGO didn't submit the Proposals. So, 2nd rank NGO was issued with the RFP on 25-09-18 with deadline for submission up to 21-10-18. The 2nd rank NGO submitted Proposals. Technical Proposal was evaluated and the TER was sent to Board on 31-10-2018 for approval.</p> <p>TER approved by DG, BWDB and subsequently negotiation was carried out by TEC with the 2nd rank NGO on 18-12-2018. Negotiation was successful. Financial Report and Draft Contract have been submitted to Board on 27 December 2018.</p> <p>Contract signed on February 24, 2019. The Consultant has commenced the services from March 18, 2019.</p> | <p>Only 2 (two) Eols were received. As per World Bank's Guidelines for Procurement of Consultants, PEC recommended for cancellation of the existing process and to go for fresh invitation of REol after obtaining additional list of effectual NGOs from DC, Barguna.. The NGOs that had submitted Eols would be eligible for submission of fresh REol.</p> <p>Additional list of NGO was received form DC, Borguna. REols were issued to the listed NGOs on 23-10-2018 with deadline for submission of Eol is up to 15 November 2018.. Within the deadline 4 (four) Eols were received. Eols were evaluated by the PEC on 18 December 2018. Evaluation Report along with the Draft RFP has been submitted to Board on 27 December 2018 for approval. Draft Contract signed on 08 April, 2019. Contract signed on 02, May 2019. The Consultant commenced the services on 12 May 2019</p> | <p>List of effective NGO received from DC Patuakhali but it contains only one (1) NGO. The DC Patuakhali was requested on 07 February 2018, to furnish required numbers of effective NGOs, but yet to be received.</p> <p>List of effectual NGOs was received form DC, Patuakhali.</p> <p>REol was issued to the listed NGOs on 16-10-2018 with deadline for submission of Eol up to 08 November 2018. 4 (four) Nos. Eol were received within the deadline. Eols were evaluated by the PEC on 18 December 2018. Evaluation Report along with the Draft RFP has been submitted to Board on 27 December 2018 for approval. Draft Contract signed on 08 April, 2019. Contract signed on 02, May 2019. The Consultant commenced the services on 12 May 2019.</p> |

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B. Details status of procurement of other Packages (Consulting Services - Firm) are as Follows:

| SI | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | |
|--------------------------------------|---|-------------------|---|-------------------|--|-----------------|---|---------|---|-----------|--|-----------|
| Description of Services | Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP | | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP | | Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone. | | Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel | | Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP | | Consultancy Services for conducting Internal Audit of CEIP-1 | |
| Package No | CEIP-1/ B2,B3 & C1/S02 | | CEIP-1/ C2/S03 | | CEIP-1/ C3/S04 | | CEIP-1/ D2/S22 | | CEIP-1/ D3/S23 | | CEIP-1/ D1/S26 | |
| Reference # | CEIP-1-6-SBC-CF-CEIP-1/ B2,B3 & C1/S02 | | CEIP-1-7-SBC-CF-CEIP-1/ C2/S03 | | CEIP-1-42--CF-CEIP-1/ C3/S04 | | CEIP-1-40-SBC-CF-CEIP-1/D2/S22 | | CEIP-1-41-SBC-CF-CEIP-1/D3/S23 | | CEIP-1/S26 | |
| Location / District | Dhaka | | Dhaka | | Dhaka | | Dhaka | | Dhaka | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | |
| Method: | QBS | | QBS | | | | QBS | | QBS | | QCBS | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 17,290,228 | 17,319,577 | 3,302,646 | 3,447,175 | 8,602,564 | | 909,000 | | 5,273,000 | | 15,400.00 | |
| Preparation of ToR | | ToR was finalized | | ToR was finalized | | 01-Jan-15 | 01-Aug-17 | Dropped | 01-Aug-17 | | 10-Jun-19 | 10-Jun-19 |
| NOL on ToR | | | | | | | 20-Aug-17 | | 20-Aug-17 | | 25-Jul-19 | 27-Jul-19 |
| Advertisement of Eol | | 19-Jul-13 | | 19-Jul-13 | | 05-May-15 | 24-Aug-17 | N/A | 24-Aug-17 | N/A | 05-Au-19 | 05-Aug-19 |
| Receipt of REol | | 22-Aug-13 | | 22-Aug-13 | | 22-Jun-15 | 25-Sep-17 | N/A | 25-Sep-17 | 31-Jan-20 | 26-Aug-19 | 26-Aug-19 |
| Evaluation of REol | | Evaluation done | | Evaluation done | | Evaluation done | | N/A | | N/A | 17-Oct-19 | 20-Oct-19 |
| SL submitted to WB | | | | | | | | | | | | 23-Oct-19 |
| Shortlist gets WB NOL | | | | | | 18-Nov-15 | | | | | | |
| Preparation of RFP and Short List | 20-Jan-14 | 15-Dec-13 | 06-Jan-14 | 15-Dec-13 | 30-Oct-14 | | 30-Nov-17 | | 30-Nov-17 | | | |
| No Objection to RFP and Short List | 03-Feb-14 | 28-Jan-14 | 03-Feb-14 | 20-Feb-14 | 20-Nov-14 | | 14-Dec-17 | | 14-Dec-17 | | | |
| Issuance of RFP | 27-Feb-14 | 19-Feb-14 | 27-Feb-14 | 26-Feb-14 | 30-Nov-14 | 19-Nov-15 | 18-Dec-17 | N/A | 18-Dec-17 | N/A | | |
| Deadline for proposals & Bid Opening | 17-Apr-14 | 17-Apr-14 | 12-May-14 | 08-May-14 | 29-Jan-15 | 28-Dec-15 | 29-Jan-18 | | 29-Jan-18 | | | |

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| SI | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | |
|--|---|-----------------|---|-----------------|--|------------|---|-----|---|-----|--|--|
| Description of Services | Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP | | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP | | Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone. | | Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel | | Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP | | Consultancy Services for conducting Internal Audit of CEIP-1 | |
| Package No | CEIP-1/ B2,B3 & C1/S02 | | CEIP-1/ C2/S03 | | CEIP-1/ C3/S04 | | CEIP-1/ D2/S22 | | CEIP-1/ D3/S23 | | CEIP-1/ D1/S26 | |
| Technical Evaluation | 19-May-14 | Evaluation done | 30-Jun-14 | Evaluation done | 31-Mar-15 | 31-Dec-15 | 26-Feb-18 | N/A | 26-Feb-18 | N/A | | |
| Technical Evaluation Report submitted to WB | | | | Dec-14 | | | 26-Feb-18 | | 26-Feb-18 | | | |
| No Objection to Technical Evaluation | 09-Jun-14 | | 21-Jul-14 | Jan-15 | 30-Apr-15 | 03-Mar-16 | 12-Mar-18 | | 12-Mar-18 | | | |
| Financial proposal opening | | | | 05-Apr-15 | | 17-Apr-16 | 25-Mar-18 | | 25-Mar-18 | | | |
| Financial evaluation and combined Tech/Fin evaluation report completed | | | | | | | 09-Apr-18 | | 09-Apr-18 | | | |
| Combined Evaluation Report submitted to WB | | | | | | | 10-Apr-18 | | 10-Apr-18 | | | |
| WB gives NOL on combined evaluation | | | | | | | 24-Apr-18 | | 24-Apr-18 | | | |
| Final Evaluation and Negotiation | 07-Jul-14 | | 25-Aug-14 | | 28-May-15 | | 30-Apr-18 | | 30-Apr-18 | | | |
| Negotiation | | 21-Aug-14 | | 09-Apr-15 | | 29-Jan-18 | 07-May-18 | | 07-May-18 | | | |
| Negotiated draft contract sent to WB | | 31-Aug-14 | | 19-Apr-15 | | 29-Jan-18 | 08-May-18 | | 08-May-18 | | | |
| WB gives NOL on draft contract | 28-Jul-14 | 30-Sep-14 | 15-Sep-14 | 28-Apr-15 | 22-Jun-15 | 25-May-18 | 20-May-18 | | 20-May-18 | | | |
| GOB Purchasing Committee (CCGP) approval | | | | 27-Aug-15 | | 12-Sep-18 | 10-Jun-18 | | 20-Jun-18 | | | |
| Contract Signature Date | 18-Aug-14 | 30-Dec-14 | 27-Oct-14 | 01-Oct-15 | 08-Sep-15 | 04/10/2018 | 20-Jun-18 | | 30-Jun-18 | | | |

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| SI | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | |
|--|--|-----|--|-----------|---|-----------|---|--|---|--|--|--|
| Description of Services | Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP | | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP | | Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone. | | Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel | | Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP | | Consultancy Services for conducting Internal Audit of CEIP-1 | |
| Package No | CEIP-1/ B2,B3 & C1/S02 | | CEIP-1/ C2/S03 | | CEIP-1/ C3/S04 | | CEIP-1/ D2/S22 | | CEIP-1/ D3/S23 | | CEIP-1/ D1/S26 | |
| Total days of Process (Bid Opening to Contract Signing Date) | 123 | 257 | 168 | 511 | 222 | | 152 | | 162 | | | |
| Commencement of Services | | | | 01-Nov-15 | | | | | | | | |
| End of Contract (Completed) | 30-Jun-20 | | 30-Jun-20 | 31-Oct-20 | 30-May-20 | 30-Jun-20 | 30-Jun-18 | | 30-Jun-20 | | | |
| Remarks | <p>Negotiation meeting with 1st ranked Consulting Firm was concluded and minutes were signed on 21 Aug 2015. Draft contract and Financial Evaluation Report was sent to WB on 31 August. NoL received on 30 Sept and Contract was signed on 30 Dec, 2014. Consultants mobilized on 21-Jan-2015.</p> <p>The Consultant is on board and carrying out its assignment.</p> | | <p>Negotiation meeting with 1st ranked Consulting Firm was concluded on 09 April, 2015. Draft contract and Financial Evaluation Report was sent to WB on 19 April 2015. NoL received on 28 April and Purchase Proposal was approved by CCGP on 27 August 2015. Contract was signed on 01 Oct, 2015. Consultants mobilized on 01 Nov 2015.</p> <p>The Consultant is on board and carrying out its assignment.</p> | | <p>Tax obligation of the Consultant as per RFP, delayed the procurement process that was solved in the meeting held on September 30, 2017. Government of Bangladesh approved the Contract on recommendation of CCGP in its meeting of 12 September 2018. Contract signed on 04 October 2018.</p> <p>The Consultant is on board and carrying out its assignment.</p> | | <p>The provision of this Package is planned to use for training purposes of BWDB officer in different renowned Training Institutes in home and abroad.</p> <p>The BWDB has concluded that this service would not be required.</p> | | | | <p>EOIs received on 26 August 2019 are under evaluation.</p> | |

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Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 31 December 2019 (March data not available).

| SI No | 1 | | 2 | | | 3 | | 4 | | 5 | |
|--|--|---|--|--------------------------|------------------------|---|-------------------------------|--|------------------|--|---|
| Description of Services | International Procurement Expert (Panel) | | International Technical Expert (Panel) | | | Procurement Expert (National) for Panel | | Procurement Expert (National) for Panel | | Individual Consultant as Procurement Specialist PMU (Nat'l) | |
| Package No | CEIP-1/ D1/S05 | | CEIP-1/ D1/S06 | | | CEIP-1/ D1/S07 | | CEIP-1/ D1/S7-A | | CEIP-1/ D1/S08 | |
| Reference # | CEIP-1-8-IC-CI-CEIP-1/ D1/S05 | | CEIP-1-9-IC-CI-CEIP-1/ D1/S06 | | | CEIP-1-10-IC-CI-CEIP-1/ D1/S07 | | | | CEIP-1-11-IC-CI-CEIP-1/ D1/S08 | |
| Location / District | Dhaka | | Dhaka | | | Dhaka | | Dhaka | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | | 2014-1-BWDB-BWDB | | | | 2014-1-BWDB-BWDB | |
| Method: | IC | | IC | | | IC | | IC | | IC | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual 1 st | Actual 2 nd | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 1,104,590 | 0.43; 0.564 million ⁽¹⁾ ; 0.642 ⁽²⁾ | 1,104,590 | 0.17 million | 0.490 million | 225,641 | 0.111 million; 0.134 million | | 0.134 million | 384,295 | 0.121 million ⁽⁴⁾ ; 0.054 million ⁽⁵⁾ |
| Preparation of ToR | | Both ToR & EoI Finalized | | Both ToR & EoI Finalized | | | ToR Finalized | | | | ToR & REoI Finalized |
| NOL to the TOR | 14-Oct-13 | 27-Jul-13 | 31-Oct-13 | 31-Jul-13 | | 31-Oct-13 | 11-Jun-13 | | 25/02/2016 | 31-Oct-13 | 02-Jul-13 |
| Advertisement of EoI | | 31-Jul-13 | | 06-Aug-13 | | | No Advertisement | | N/A ¹ | | 28-Jul-13 |
| Receipt of REoI | | 25-Aug-13 | | 29-Aug-13 | | | Only CV of were collected | N/A | N/A | | 20-Aug-13 |
| Evaluation of REoI | | Evaluated and concurred by WB | | Evaluation done | | | Evaluated and concurred by WB | N/A | N/A | | Evaluated |
| Shortlist submitted to WB | | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | | | | concurred by WB |
| WB gives NOL on combined evaluation | | | | | | | | | | | |
| Negotiation | | | | | | | | | | | |
| Negotiated draft contract to WB | | | | | | | | | 10/04/2016 | | |
| WB gives NOL- draft contract | | | | | | | | | | | |
| Contract Signature Date | 31-Dec-13 | 25-Nov-13 | 30-Jan-14 | 05-Mar-14 | 13-Apr-15 | 31-Dec-13 | 25-Nov-13 | | 14/06/2016 | 31-Dec-13 | 23-Nov-13; 14-Mar-17; 03-May-18; 14-Jan-19 |
| Total days of Process (Bid Opening to Contract Signing Date) | | 92 | | 188 | | | | | | | 93 |
| End Date of Activity | 28-Feb-17 | | 31-Mar-18 | | | 30-Jun-18 | | 30/06/2018 | | 13-Jun-20 | |
| Remarks | Contract Agreement between BWDB and Mr. Narayan D. Sharma was signed on 25 Nov, 2013. Contract Agreement was sent to WB. Period of contract expired on 30 October 2016 which was extended up | | Original Contract with Mr. Daniel ended on March 04, 2015. He expressed his unwillingness to continue his service in CEIP-1, Bangladesh. So, fresh Contract was initiated. | | | Mr. M. Aminul Haque signed Contract Agreement on 25 Nov, 2013. Allotted 300 days input of Mr. Haque was consumed in October 2015. | | Fresh contract for 200 days was signed on 14 June 2016 over a period of 32 (thirty-two) months [FY 2015-2016 to FY 2017- | | Original Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2016. | |

¹ Procured through SSS Basis

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

| SI No | 1 | 2 | 3 | 4 | 5 |
|-------------------------|---|--|---|--|---|
| Description of Services | International Procurement Expert (Panel) | International Technical Expert (Panel) | Procurement Expert (National) for Panel | Procurement Expert (National) for Panel | Individual Consultant as Procurement Specialist PMU (Nat'l) |
| Package No | CEIP-1/ D1/S05 | CEIP-1/ D1/S06 | CEIP-1/ D1/S07 | CEIP-1/ D1/S7-A | CEIP-1/ D1/S08 |
| | to 31 January 2017. 3rd time extension up to 28-02-2018 with increase of inputs by 50 days has been approved. Contract was completed on February 28, 2018 | Fresh Contract with Mr. I.A. Kahn entered on April 13, 2015 and completed on April 30, 2018. | | 2018]. Contract was completed on June 30, 2018 | |

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

| SI No | 6 | | 7 | | 8 | | 9 | | | 10 | |
|--|--|----------------------------|--|----------------------------|--|----------------------------|---|------------------------|------------------------|---|----------------|
| Description of Services | Individual Consultant as Procurement Specialist PMU (National)- 1 No | | Individual Consultant as Procurement Specialist PMU (National)- 1 No | | Individual Consultant as Procurement Specialist PMU (National)- 1 No | | Individual Consultant as Financial Management Specialist (National) | | | Individual Consultant as Financial Management Specialist (National)- 1 No | |
| Package No | CEIP-1/ D1/S8-A | | CEIP-1/ D1/S8-B | | CEIP-1/S8-C | | CEIP-1/ D1/S09 | | | CEIP-1/ D1/S9-A | |
| Reference # | | | | | | | CEIP-1-27-IC-CI-CEIP-1/D1/S09 | | | | |
| Location / District | | | | | | | Dhaka | | | | |
| P.P. - Executing Agency: | | | | | | | 2014-1-BWDB-BWDB | | | | |
| Method: | IC | | IC | | IC | | IC | | | IC | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual 1 st | Actual 2 nd | | |
| Amount in US\$ | | 0.054 million | | 0.051 million | | 0.092 million | 247,000 | 0.113 million | 0.101 million | | 0.0289 million |
| Preparation of ToR | | | | | | | | Fresh REol Finalized | Fresh REol Finalized | | |
| NOL to the TOR | | 18/11/2016 | | 08/11/2017 | | 04/10/2018 | 31-Dec-13 | 11-Dec-13 | | | 28/08/2019 |
| Advertisement of Eol | | Procured through SSS Basis | | Procured through SSS Basis | | Procured through SSS Basis | | 03-Nov-14 | 16-Mar-16 | | N/A |
| Receipt of REol | | N/A | | N/A | | N/A | | 01-Dec-14 | 14-Apr-16 | | N/A |
| Evaluation of REol | | N/A | | N/A | | N/A | | Evaluated | Evaluated | | N/A |
| Shortlist submitted to WB | | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | by WB | 13-Apr-17 | | |
| Negotiation | | | | | | | | | | | |
| Negotiated draft contract to WB | | 13/02/2017 | | 10/04/2018 | | 17/12/2018 | | | | | 27/09/2019 |
| WB gives NOL- draft contract | | | | | | | | | | | |
| Contract Signature Date | | 14/03/2017 | | 03/05/2018 | | 14/01/2019 | 29-May-14 | 02-Mar-15 | 24-Apr-17 | | 27/09/2019 |
| Contract signed | | | | | | | | | | | |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | | | | | 187 | 375 | | |
| End Date of Activity | | 31/10/2017 | | | | | 30-Oct-19 | | 31-Oct-19 | | |

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

| SI No | 6 | 7 | 8 | 9 | 10 |
|-------------------------|---|---|--|---|---|
| Description of Services | Individual Consultant as Procurement Specialist PMU (National)- 1 No | Individual Consultant as Procurement Specialist PMU (National)- 1 No | Individual Consultant as Procurement Specialist PMU (National)- 1 No | Individual Consultant as Financial Management Specialist (National) | Individual Consultant as Financial Management Specialist (National)- 1 No |
| Package No | CEIP-1/ D1/S8-A | CEIP-1/ D1/S8-B | CEIP-1/S8-C | CEIP-1/ D1/S09 | CEIP-1/ D1/S9-A |
| Remarks | Fresh contract for 12 months was signed on 14 March, 2017 with retroactive commencement date from 01 November 2016 that ended on 31 October 2017. | 2nd contract with Mr. A.K.M. Bodruddoza on SSS Method, for a period of 12 months commencing from 01 November 2017, was signed. Contract ended on 31 October 2018. | 3rd Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2018. Another fresh Contract was signed 14-Jan-2019 for 18 months and Consultant is on Board | The original Consultant Mr. Md. Nasser Ahmed signed a Contract Agreement on 02 March, 2015 but he resigned on 29 Feb.2016. So, fresh Contract was initiated. Fresh 35 REoI were received on 14 April 2016. Negotiation with 3rd ranked candidate Mr. Michael Gomes was carried out by PEC on 06 April 2017 and contract with Mr. Michael Gomes was signed on 24-04-2017. The contract ended on 29-09-2019 and recruitment of a replacement is underway. | Selected on Direct Selection Method on obtaining WB's concurrence. Draft contract was signed on 09-09-2019. It was expected to sign the contract by 27-9-2019. But unfortunately the Consultant expressed his unwillingness on 24 September 2019 to work in CEIP-1, on the plea on getting better offer. So, this Package has been cancelled in the STEP and other Package No.CEIP-1/D1/S9A has been created and World Bank provided NoL to it. |

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

| SI No | 10a | | 11 | | 12 | | 13 | | 14 | | |
|--|---|------------|--|----------------------|--|------------------|---|--------------|--|------------------------|------------------------|
| Description of Services | Individual Consultant as Financial Management Specialist (National)- 1 No | | Individual Consultant as Sr. Environment Specialist (PMU/Dhaka) | | Individual Consultant as Sr. Environment Specialist (PIU/Dhaka)- 1 No | | Individual Consultant as Sr. Environment Specialist (PIU/Dhaka)- 1 No | | Individual Consultant as Sr. Social Specialist (PMU/Dhaka) | | |
| Package No | CEIP-1/ D1/S9A | | CEIP-1/ D1/S10 | | CEIP-1/ D1/S10-A | | CEIP-1/ D1/S10A | | CEIP-1/ D1/S11 | | |
| Reference # | | | CEIP-1-28-IC-CI-CEIP-1/D1/S10 | | | | | | CEIP-1-29-IC-CI-CEIP-1/D1/S11 | | |
| Location / District | | | Dhaka | | | | | | Dhaka | | |
| P.P. - Executing Agency: | | | 2014-1-BWDB-BWDB | | | | | | 2014-1-BWDB-BWDB | | |
| Method: | IC | | IC | | IC | | IC | | IC | | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual 1 st | Actual 2 nd |
| Amount in US\$ million | | 0.045 | 212,000 | 0.101 million | | 0.08 million | | 0.08 million | 212,000 | 0.0884 mio | 0.0648 mio |
| Preparation of ToR | | | | ToR & REOI finalized | | | | 28-10-18 | | ToR & REOI finalized | 19-Jan-17 |
| NOL to the TOR | | 29/10/2019 | 24-Jun-14 | | | 04/06/2018 | | 12-11-18 | 29-Apr-14 | 15-Apr-14 | 25-Jan-17 |
| Advertisement of EoI | | N/A | | 21-Oct-14 | | N/A ² | | 06/12/2018 | | 21-Apr-14 | 14-Mar-17 |
| Receipt of REoI | | 15/12/2019 | | 18-Nov-14 | | N/A | | 24/12/2018 | | 15-May-14 | 12-Apr-17 |
| Evaluation of REoI | | 22/12/2019 | | Evaluated | | N/A | | 28/01/2019 | | Evaluated | 23-May-17 |
| Shortlist submitted to WB | | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | | | | |
| WB gives NOL on combined evaluation | | | | WB concurred | | | | | | WB concurred | |
| Negotiation | | | | | | | | | | | |
| Negotiated draft contract to WB | 20/02/2020 | | | | | 09/07/2018 | | 15/02/2019 | | | |
| WB gives NOL- draft contract | | | | | | | | | | | |
| Contract Signature Date | 23/02/2020 | | 27-Nov-14 | 13-Apr-15 | | 08/10/2018 | | 12/03/2019 | 17-Jul-14 | 02-Oct-14 | 02-Aug-17 |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | 146 | | | | | | 140 | 147 |
| End Date of Activity | | | | | | | | | | 03-Jan-17 | 19-Sep-19 |
| Remarks | Procurement through 3 CV Approach is in process. | | Dr. Md. Asadul Alam signed contract on 13-Apr-2015 and continued upto 19-Jun-2018. | | The Consultant failed to sign the contract within the final extended time up to 15 October, 2018. So, after obtaining permission from WB, fresh procurement is in processes under Package No.CEIP-1/D1/S10A. This Package has been cancelled in STEP | | The Consultant is on board | | Mr. Md. Hasanur Rahman signed a Contract Agreement on 02-Oct-2014 and resigned on 03-Jan-2017. Fresh contract was entered into with Mr.Mustafizur Rahman and the contract ended on 17-09-2019. | | |

² Procurement was processed through SSS after obtaining WB's concurrence.

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

| SI No | 15 | | 16 | | 17 | | 18 | | | 19 | |
|--|--|---------------|--|---------------|--|----------------|---|--|------------------------|---|--------------------------------|
| Description of Services | Individual Consultant as Sr. Social Specialist (PIU/Dhaka)- 1 No | | Individual Consultant as Sr. Forestry Specialist (PMU/Dhaka) | | Individual Consultant as Sr. Forestry Specialist (PIU/Dhaka)- 1 No | | Individual Consultant as Communication officer (PMU/Dhaka) | | | Individual Consultant as Senior Revenue Officer (PMU/Dhaka) | |
| Package No | CEIP-1/ D1/S11-A | | CEIP-1/D1/S12 | | CEIP-1/D1/S12-A | | CEIP-1/ D1/S13 | | | CEIP-1/ D1/S14 | |
| Reference # | | | CEIP-1-30-IC-CI-CEIP-1/D1/S12 | | | | CEIP-1-31-IC-CI-CEIP-1/D1/S13 | | | CEIP-1-32-IC-CI-CEIP-1/D1/S14 | |
| Location / District | | | Dhaka | | | | Dhaka | | | Khulna | |
| P.P. - Executing Agency: | | | 2014-1-BWDB-BWDB | | | | 2014-1-BWDB-BWDB | | | 2014-1-BWDB-BWDB | |
| Method: | IC | | IC | | IC | | IC | | | IC | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual 1 st & 2 nd | Actual 3 rd | Estimated | Actual |
| Amount in US\$ | | 0.041 million | 212,000 | 0.083 million | | 0.0359 million | 131,000 | 0.067 million | | 131,000 | 0.0847 million; 0.0644 million |
| Preparation of ToR | | | | 01-Jan-17 | | | | ToR & REOI finalized | | | Prepared |
| NOL to the TOR | | 25/07/2019 | 29-Dec-15 | 12-Jan-17 | | 03/07/2019 | 17-Aug-14 | | | 23-Dec-13 | 22-Dec-13 |
| Advertisement of EoI | | N/A | | 14-Mar-17 | | N/A | | 23-Nov-14 (1 st); 24-Jan-16 (2 nd) | | | 30-Dec-13 |
| Receipt of REOI | | N/A | | 12-Apr-17 | | N/A | | 15-May-15 (1 st); 24-Feb-16 (2 nd) | 30-Jun-17 | | 06-Feb-14 |
| Evaluation of REOI | | N/A | | 23-May-17 | | N/A | | Evaluated | Evaluated | | Evaluated |
| Shortlist submitted to WB | | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | concurred by WB | concurred by WB | | concurred by WB |
| WB gives NOL on combined evaluation | | | | | | | | | | | |
| Negotiation | | | | | | | | | 10-Apr-18 | | |
| Negotiated draft contract to WB | | 06/08/2019 | | | | 06/08/2019 | | | | | |
| WB gives NOL- draft contract | | | | | | | | 19-Oct-17 | | | |
| Contract Signature Date | | 15/09/2019 | 28-Apr-16 | 02-Aug-17 | | 25/08/2019 | 31-Dec-14 | Did not take place | 01-Jul-18 | 29-May-14 | 12-Aug-14 |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | 71 | | | | | 366 | | 187 |
| End Date of Activity | | | | 01-Aug-19 | | | | TBD | 30-Jun-20 | | 22-Dec-16 |
| Remarks | Selected on Direct Selection Method after obtaining WB | | Contract is ended on 01/08/2019 | | Selected on Direct Selection Method after obtaining WB's | | Two (2) EOI were earlier received at first invitation. So, fresh EOI was invited and 6 Nos. | | | Contract Agreement between BWDB and Mr. M A Saleque was | |

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

| | | | | | |
|--|--|--|---|---|---|
| | <p>concurrence. The Consultant is on Board</p> | | <p>concurrence. The consultant is on board.</p> | <p>were received on 24 February 2016. Contract Agreement between BWDB and Mr. A K M Rahmat Ali Howlader was signed on 28 March 2017. But he didn't join. Negotiation with 2nd candidate failed. So, fresh procurement was initiated through collection of CVs as per suggestions of WB. Draft Contract with 1st ranked candidate was signed on 19 Oct 2017, but Mr. Akhtaruzzaman didn't sign the contract due to his personal problems. The 2nd ranked candidate Mr. Aktar Uddin was invited on 08 March 2018 to attend contract negotiation meeting on 14 March 2018. But he didn't attend. Consequently, on obtaining WB's concurrence, the 3rd ranked candidate Mr. Kamal Najmus Salehin was negotiated on 10 April 2018 and contract was signed on 01 July 2018. The Consultant is on board</p> | <p>signed on 12 Aug, 2014. Contract ended on 22 Dec 2016.</p> |
|--|--|--|---|---|---|

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

| SI No | 20 | 21 | 22 | 23 | 24 |
|--|--|---|--|---|---|
| Description of Services | Individual Consultant as Senior Revenue Officer (PIU/Dhaka) - 1 No | Individual Consultant as Senior Revenue Officer (PIU/Dhaka) - 1 No | Individual Consultant as Senior Revenue Officer (PIU/Dhaka) - 1 No | Individual Consultant as Social Specialist/Economist (PMU/Field) | Individual Consultant as Social Specialist/ Economist (PIU/Field) - 1 No |
| Package No | CEIP-1/ D1/S14-A | CEIP-1/ D1/S14-B | CEIP-1/ D1/S14-C | CEIP-1 /D1/S15 | CEIP-1 /D1/S15-A |
| Reference # | | | | CEIP-1-33-IC-CI-CEIP-1/D1/S15 | |
| Location / District | | | | Khulna | |
| P.P. - Executing Agency: | | | | 2014-1-BWDB-BWDB | |
| Method: | IC | IC | IC | IC | IC |
| Estimated / Actual | | | | Estimated | Actual |
| Amount in US\$ | 0.0644 million | 0.059 million | 0.035 million | 131,000 | 0.0578 million |
| Preparation of ToR | | | | | 01-Jan-17 |
| NOL to the TOR | 19-12-16 & 28-12-16 | 16-05-18 & 24-05-18 | 11-Aug-19 | 24-Sep-14 | 03-Jan-17 |
| Advertisement of EoI | N/A ³ | N/A ⁴ | N/A | | 14-Mar-17 |
| Receipt of REoI | N/A | N/A | N/A | | 12-Apr-17 |
| Evaluation of REoI | N/A | N/A | N/A | | Evaluation completed |
| Shortlist submitted to WB | | | | | |
| Shortlist gets WB NOL | | | | | |
| Combined Evaluation Report submitted to WB | | | | | |
| WB gives NOL on combined evaluation | | | | | |
| Negotiation | | | | | |
| Negotiated draft contract to WB | 27-Apr-17 | 09-Jul-18 | 12-Sep-19 | | 06-Aug-19 |
| WB gives NOL- draft contract | | | | | |
| Contract Signature Date | 10-Dec-07 | 25-Jul-18 | 09-Oct-19 | 31-Dec-14 | 20-Jul-17 |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | | 100 |
| End Date of Activity | | | | 30-Jun-17 | 19-Jul-19 |
| Remarks | In order to keep continuation of the services of land acquisition and other related activities, the services of Mr. M A Saleque procured on sole source basis under a fresh Contract for 18 months that is ended on 22-Jun-2018. | Another fresh contract with Mr. M.A. Saleque on Single Source Selection (SSS) Method for a period of 15 months was signed on 25 July 2018. Consultant is on board. The Contract will be ended on 08-10-2019 | Mr. M.A. Saleque was selected as fresh contract on Direct Selection Method on obtaining WB's concurrence. Draft Contract was signed on 09-09-2019. | EoI received on 12 April 2017 and evaluated. The contract was signed on 20-Jul-17 and the contract is ended on 27-Jul-2019. | Selected on Direct Selection Method after obtaining WB's concurrence. Consultant is on board. |

³ Procured through SSS Method after obtaining WB's concurrence

⁴ Procured through SSS Method after obtaining WB's concurrence

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

| SI No | 25 | | 26 | 27 | | 28 | | 29 | |
|--|--|------------------------|--|---|-----------|---|-----------|--|-----------|
| Description of Services | Individual Consultant as Environment Specialist (PMU/Field) | | Individual Consultant as Environment Specialist (PIU/Field)- 1 No | IPoE for Coastal Morphologist and Estuarine/Tidal Hydraulics Expert | | IPoE for Hydrodynamics & Coastal Modeling Expert | | IPoE for Design Expert in Embankment and Hydraulic Structures | |
| Package No | CEIP-1/ D1/S16 | | CEIP-1/ D1/S16-A | CEIP-1/ D1/S17 | | CEIP-1/ D1/S18 | | CEIP-1/ D1/S19 | |
| Reference # | CEIP-1-34-IC-CI-CEIP-1/D1/S16 | | | CEIP-1-35-IC-CI-CEIP-1/D1/S17 | | CEIP-1-36-IC-CI-CEIP-1/D1/S18 | | CEIP-1-37-IC-CI-CEIP-1/D1/S19 | |
| Location / District | Khulna | | | Dhaka | | Dhaka | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | |
| Method: | IC | | IC | IC | | IC | | IC | |
| Estimated / Actual | Estimated | Actual | | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 131,000 | 0.0481 million | 0.021 million | 181,600 | | 181,600 | | 165,000 | |
| Preparation of ToR | | Prepared | | | 28-Nov-16 | | 28-Nov-16 | | 01-Jan-17 |
| NOL to the TOR | 24-Sep-14 | 28-Dec-16 | 18-Aug-19 | 24-Sep-14 | 13-Dec-16 | | 13-Dec-16 | 24-Sep-14 | 19-Jan-17 |
| Advertisement of EoI | | 12-Feb-17 | N/A | | 30-Jul-17 | | 30-Jul-17 | | 30-Jul-17 |
| Receipt of REoI | | 14-Mar-17 | N/A | | 14-Sep-17 | | 14-Sep-17 | | 14-Sep-17 |
| Evaluation of REoI | | Re-invitation of REoI. | N/A | | | | | | |
| Shortlist submitted to WB | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | N/A | | | | | | | |
| WB gives NOL on combined eval'n | | | | | | | | | |
| Negotiation | | | | | | | | | |
| Negotiated draft contract to WB | | 07-Sep-17 | 18-Sep-19 | | | | | | |
| WB gives NOL- draft contract | | 05-Oct-17 | | | | | | | |
| Contract Signature Date | 31-Dec-14 | 30-Oct-17 | 29-Oct-19 | 31-Dec-14 | | | | 31-Dec-14 | |
| Contract signed | | 231 | | | | | | | |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | | | | | | |
| End Date of Activity | 30-Jun-17 | 29-Oct-2019 | | 30-Jun-20 | | 30-Jun-20 | | | |
| Remarks | EoI received on 14 March 2017. Only 2 (two) applications were received. PEC in its meeting on 06 April 2017, recommended for fresh invitation. WB suggested to collect CVs through direct approach and to evaluate including the 2 EoIs received earlier. Procurement completed and the Consultant is on board from 30-Oct-2017 and the is ended on 29-Oct-2019. | | Selected on Direct Selection Method after obtaining WB's concurrence. Contract is signed on 29-10-2019 with Mr. Amir Faizal. The consultant on Board. | PMU, CEIP-1 with the assistance of existing IPoE member, TL-DSC and TL- M&EC, has reviewed the ToR of the remaining four IPoE members and are of the opinion that positions of Coastal, Estuarine and River Morphologist and Sediment/Tidal Management Expert might be merged and named as Coastal Morphologist and Estuarine/Tidal Hydraulics Expert. Accordingly, restructured proposal was sent to WB on 28 Sept 2016. WB accepted the proposal on 07 Nov 2016. It is opted that the IPOE would not be required. | | Proposal for inclusion of one new IPoE member as "Hydrodynamic and Coastal Modelling Expert" was sent to WB on 28 September 2016. WB accepted the proposal on 07 November, 2016. It is opted that the IPOE would not be required. | | ToR was sent to WB on 1-Jan-17. Bank approved ToR on 19 January 2017. It is opted that the IPOE would not be required. | |

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

| SI No | 30 | | 31 | | 32 | | 33 | |
|--|--|---------------|--|------------------|---|-----------------------------|---|-----------------------------|
| Description of Services | IPoE for Social Expert | | IPoE for Environment, Water Management and Polder Expert | | Accounting and Financial Management System Specialist (AFMSS) (National) | | Procurement of Individual Consultant as Information Technology Specialist (ITS) (National) | |
| Package No | CEIP-1/ D1/S20 | | CEIP-1/ D1/S21 | | CEIP-1/ D1/S24 | | CEIP-1/ D1/S25 | |
| Reference # | CEIP-1-38-IC-CI-CEIP-1/D1/S20 | | CEIP-1-39-IC-CI-CEIP-1/D1/S21 | | | | | |
| Location / District | Dhaka | | Dhaka | | Dhaka | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | | | | |
| Method: | IC | | IC | | IC | | IC | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 165,000 | 0.124 million | 165,000 | 0.154 million | | | | |
| Preparation of ToR | | Prepared | | Updated ToR | | | | |
| NOL to the TOR | 24-Sep-14 | 07-Nov-16 | 24-Sep-14 | concurring by WB | | 14-Feb-16 | | 14-Feb-16 |
| Advertisement of EoI | | N/A | | N/A | | Through collection of 3 CVs | | Through collection of 3 CVs |
| Receipt of REoI | | N/A | | N/A | | 10-Mar-16 | | 10-Mar-16 |
| Evaluation of REoI | | N/A | | N/A | | | | |
| Shortlist submitted to WB | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | |
| Negotiation | | | | | | | | |
| Negotiated draft contract to WB | | 31-May-17 | | | | | | |
| WB gives NOL- draft contract | | 07-Jun-17 | | 12-Mar-15 | | | | |
| Contract Signature Date | 31-Dec-14 | 17-Jul-17 | 31-Dec-14 | 23-Mar-15 | | | | |
| Contract signed | | | | | | | | |
| Total days of Process (Bid Opening to Contract Signing Date) | | | | | | | | |
| End Date of Activity | 30-Jun-20 | 30-Jun-20 | 30-Jun-20 | 30-Jun-2020 | | | | |
| Remarks | WB provided NoL on ToR on 07 November 2016 and concurred 3 CV approach for the selection of the social IPOE on 28 November 2016. Procurement completed and the IPoE is now on board. | | Bank's NOL on Draft Contract was received on 12 March, 2015. Contract Agreement between BWDB and Dr. Ainun Nishat as IPoE was signed on 23 March 2015. Contract completed on January 31, 2018 which is in process of extension up to 30 June 2020. | | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). But it was decided that this service will be procured through GoB's revenue budget. This Package was dropped. | | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). But it was decided that this service will be procured through GoB's revenue budget. This Package was dropped. | |

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

Annex 5.2a: Procurement Status and Plans - Works

As per the DPP, there are 4 packages of Works under the project. But these packages were reviewed and decided that works contract will be three packages. Package -01 has already contacted out. Package-02 is under way of procurement. Package -03 is yet to initiate due to shortfall of fund. Detail status of procurement of works as on **31 December 2019** is described below:

| SI. No | 1 | | 2 (Revs.) | | 3 (Revs.) | | 4 |
|--------------------------------------|--|----------------------------|---|------------------------------|--|--------|---|
| Description of Works | Rehabilitation / Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3 under CEIP-1. | | 5 Rehabilitation and upgrading of Polder 14/1, 15, 16, 17/1, 17/2 & 23 (Actual Nos. of Polder in package are 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48) | | 6Rehabilitation and upgrading of Polder 48,47/2 & 43/2C (Actual Nos. of Polder in this Package are 14/1, 15, 16, 17/1, 17/2, 23 & 34/3) | | 7Rehabilitation and upgrading of Polder 40/2, 41/1, 34/3 and 39/2C |
| Package No | CEIP-1/W-1 | | CEIP-1/W-2 (revised) | | CEIP-1/W-3 (revised) | | |
| Reference # | CEIP-1-12-LPIPQ-O-CEIP-1/W-01 | | CEIP-1-13-LPIPQ-O-CEIP-1/W-02 (Rvsd.) | | CEIP-1-13-LPIPQ-O-CEIP-1/W-03 (Rvsd.) | | |
| Districts | Khulna | | Patuakhali, Barguna and Pirojpur | | | | |
| P.P. - Executing Agency: | 2014-1-BWDB - BWDB | | 2014-1-BWDB - BWDB | | 2014-1-BWDB - BWDB | | |
| Method: | ICB with post-qualification 8 | | ICB with post-qualification | | ICB | | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | |
| Amount in US\$ | 104,276,026.00 | 88,216,800.37 ⁹ | 150,355,767.20 | 137,969,172.60 ¹⁰ | 86.66 million USD | | |
| Preparation of Document | | | | | | | |
| Tender Docs Submitted to WB | | 02-Mar-15 | | 14-Oct-15, 09-Nov-15 | | | |
| Bank's NOL | 30-Jun-14 | 09-Mar-15 | 03-Jan-16 | 03-Dec-15 | | | |
| Publication / Invitation | 15-Jul-14 | 10-Mar-14 | 10-Jan-16 | 04-Dec-15 | | | |
| Deadline tenders & Bid Opening | 14-Sep-14 | 25-May-15 | 14-Mar-16 | 24-Mar-16 | | | |
| Evaluation of Bids | 18-Oct-14 | 13-Jun-15 | 18-Apr-16 | 19-Jun-16 | | | |
| WB gives NOL on evaluation | | 19-Jul-15 | | 04-Aug-16 | | | |
| Negotiated draft contract sent to WB | | | | | | | |
| No Objection to Evaluation Report | 10-Nov-14 | | 09-May-16 | | | | |
| GOB Purchasing Committee approval | | 09-Sep-15 | | 20-Aug-16 | | | |
| Issuing NOA | | 21-Sep-15 | | 15-Dec-16 | | | |
| Contract signed | 09-Jan-15 | 01-Nov-15 | 28-Jun-16 | 08-Mar-17 | | | |
| Advance Issued | | | | | | | |
| Commencement of Services | | 26-Jan-16 | | 12-Jul-17 | | | |
| Total days of Process | 117 | 160 | 106 | 349 | | | |
| End of Contract (Completed) | 31/12/2017 | 25-Jan-19 | 30/06/2018 | 11-Jan-21 | | | |
| Remarks | 7 Nos. Bids were received and M/S The First Engineering Bureau of Henan Water Conservancy of China was awarded the contract. Contract was signed on 01 Nov 2015. Works are going on. | | 7 Nos. Bids were received. Chongqing International Construction Corporation was awarded with the Contract. Contract was signed on 08 March 2017 and Notice to Commence issued on 12 July 2017. Works are going on. | | Due to shortfall of fund, it is being discussed whether to drop this package. Meanwhile, the activities of this Package have been limited up to preparation of bidding document. | | This Package will be treated void since the polders under this package have been incorporated in the packages 2 & 3 (re-arranged) |

⁵ Nos. of Polders for this Package have been changed as '39/2C, 40/2, 41/1, 43/2C, 47/2 and 48' instead of previously included Nos of '14/1,15,16,17/1,17/2 & 23'

⁶ All the three (3) Polders of this Package (43/2C, 47/2 and 48) have been included under Package No.CEIP-1/W-02. So, this Package has been rearranged in terms of inclusion new Polders from Package #2 and # 4

⁷ Out of four (4) Polders, three (3) (40/2, 41/1 and 39/2C) have been included under Package CEIP-1/W-02. The remaining one (1) is included in Package #3 and this Package has been declared void.

⁸ Method has been changed from ICBPQ (International Competitive Bidding with pre-qualification) to ICB (with post qualification)

⁹ Original Contract Value of W-01 is BDT 6,969,127,229.

¹⁰ Original Contract Value of W-02 is BDT 10,899,564,634.65.

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

Annex 5.3a: Procurement Status and Plans - Goods

As per the DPP, 14 items of Goods would be procured. Among them, procurement for the 6 items were deferred for the next Fiscal Year (2019-2020) as per the statement of "Status of Procurement" as on **31 December 2019**, which is described below: **(March data not available)**

| Contract Approving Authority | Package No | Description of Procurement as per TAPP/DPP Goods | Unit | Quantity | Procurement Method & (Type) | Source of Funds | Estimated Cost/ Contract Price (Million USD) | Invitation for Tender | Signing of Contract | Completion of Contract | Remarks |
|------------------------------|-------------|---|------|---|-----------------------------|-----------------|--|-----------------------|---------------------------|------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| HOPE | CEIP-1/G-01 | Procurement of Motor Vehicles a) 4-WD Jeep/Cross Country (Total 15 Nos.) b) Micro Bus-(Total 2 Nos.) | Lots | Motor Vehicle-10 Nos, Microbus-2 Nos | OTM(ICB) | WB/IDA | 0.7500 | 25-Dec-14 | 18-Nov-2015 & 07-Jan-2016 | January,2016 | Contract for 1 No. Microbus (Lot No.2) executed on 18 November 2015 and supply completed. Contract for 10 Nos. 4WD (Lot No.1) vehicle executed on 07 January 2016 and supply completed |
| PD | CEIP-1/G-02 | Procurement of 10(ten) Nos. Motor Cycle (125 CC) with accessories and related Services | Nos. | Motor Cycle-10 Nos | OTM(NCB) | WB/IDA | 0.0234 | 09-Jul-15 | 04-Oct-15 | October,2015 | Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed |
| PD | CEIP-1/G-03 | Procurement of Speed Boat with engine & other accessories (Total 9 nos.) | Nos. | Speed Boat-5 Nos | OTM(NCB) | WB/IDA | 0.0609 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |
| PD | CEIP-1/G-04 | Procurement of a) Computer - (Total 35 Nos, Laptop-10+Desktop-25), b) Colour/Black & White Printer-A3/A4 (Total 20 Nos), c) UPS= (Total 25 Nos), d) IPS = 10 Nos with ancillaries | Nos. | Computers - a) Laptop-5 Nos, Desktop-20 Nos, b) Printer-10 Nos, c) UPS-20 Nos, d) IPS = 10 Nos with ancillaries | OTM(NCB) | WB/IDA | 0.0650 | 19-Mar-14 | 08-Jun-14 | June, 2014 | 3 Tenders received on 09 April, 2014 and Evaluation done. Work Order issued on 12 May 2014. All Desktop Computer, Laptop, Printer, & UPS with Accessories were received 8-Jun-2014. |
| PD | CEIP-1/G-05 | Engineering Equipment- a) Levelling instrument with accessories (Total-10 Nos), Total Station (Total-5 Nos) | Nos. | a) Levelling instrument - 5 Nos.; b) Total Station-3 Nos | OTM(NCB) | WB/IDA | 0.0103 | 09-Jul-15 | 04-Oct-15 | January,2014 | Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed. |

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

| Contract Approving Authority | Package No | Description of Procurement as per TAPP/DPP Goods | Unit | Quantity | Procurement Method & (Type) | Source of Funds | Estimated Cost/ Contract Price (Million USD) | Invitation for Tender | Signing of Contract | Completion of Contract | Remarks |
|------------------------------|-------------|--|------|---|-----------------------------|-----------------|--|-------------------------|---------------------|------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| PD | CEIP-1/G-06 | Office equipment with accessories a) Multimedia Projector (Total 4 Nos), b) Air cooler- (Total-10 Nos), c) PABX Intercom System -1 Set, d) Photocopier 10 Nos. e) Fax- 10 Nos., f) Scanner A3 Size- 4 Nos., g) Spiral Binding machine 4 Nos, h) Plotter A0 Size-1 No | Nos. | a) Multimedia Projector- 2 Nos, b) Aircooler- 5 Nos, c) PABX Intercom System- 1 set d) Photocopier- 5 Nos, e) Fax-4 Nos, f) Scanner-2 Nos, g) Spiral Binding Machine- 2 Nos, h) Plotter A0 Size - 1 No | OTM(NCB) | WB/IDA | 0.0280 | 01-Apr-14 | 09-Jun-14 | June,2014 | Tender was evaluated by BWDB TEC members. Work Order issued on 01 June 2014. All office equipment was supplied on 9-Jun-2014 |
| PD | CEIP-1/G-07 | Furniture (For Project Director, CEIP-1 BWDB, office) | LS | LS | OTM(NCB) /RFQ | WB/IDA | 0.0064 | Procurement through RFQ | 24-Feb-14 | February, 2014 | All the furniture were supplied on 24-Feb-2014. |
| PD | CEIP-1/G-08 | Procurement of Motor Vehicles a) 4-WD Jeep/Cross Country (Total 15 Nos.) b) Micro Bus- (Total 2 Nos.) | Nos. | Motor Vehicle-05 Nos | OTM(ICB) | WB/IDA | 0.4490 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |
| PD | CEIP-1/G-09 | Procurement of Motor Cycle- Total= 20 Nos | Nos. | Procurement of Motor Cycle-10 Nos | OTM(NCB) | WB/IDA | 0.0190 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |
| PD | CEIP-1/G-10 | Procurement of Speed Boat with engine & other accessories (Total 09 nos.) | Nos. | Speed Boat-4 Nos | OTM(NCB) | WB/IDA | 0.0510 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |
| PD | CEIP-1/G-11 | Procurement of a) Computer- (Total 36 Nos, Laptop-10 + Desktop-25), b) Colour/Black & White Printer(Total 20 Nos), C) UPS= (Total 15 Nos), d) IPS = 10 Nos with ancillaries | Nos. | Computers- a) Laptop-5 Nos, Desktop-5 Nos; b) Printer-10 Nos, c) UPS-5 Nos, d) IPS-5 Nos with ancillaries | OTM(NCB) | WB/IDA | 0.0410 | 06-Jul-17 | 12-Sep-17 | November, 2017 | Supply completed on 20 November 2017. |
| PD | CEIP-1/G-12 | Engineering Equipment -a) Levelling instrument with accessories (Total - 10 Nos) Total Station-) Total- 5 Nos) | Nos. | a) Levelling instrument - 5 Nos.; b) Total Station-2 Nos | OTM(NCB) | WB/IDA | 0.0150 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |

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| Contract Approving Authority | Package No | Description of Procurement as per TAPP/DPP Goods | Unit | Quantity | Procurement Method & (Type) | Source of Funds | Estimated Cost/ Contract Price (Million USD) | Invitation for Tender | Signing of Contract | Completion of Contract | Remarks |
|------------------------------|-------------|---|------|---|-----------------------------|-----------------|--|-----------------------|---------------------|------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| PD | CEIP-1/G-13 | Office equipment with accessories a) Multimedia Projector (Total 4 Nos), b) Air cooler- (Total-10 Nos), c) PABX Intercom System -1 Set, d) Photocopier 10 Nos. e) Fax- 10 Nos. f) Scanner A3 Size 4 Nos.. g) Spiral Binding machine 4 Nos, h) Plotter A0 Size-1 No. | Nos. | a) MultiMedia Projector- 2 Nos, b) Aircooler- 5 Nos, c) Photocopier- 5 Nos, d) Fax-6 Nos, e) Scanner- 2 Nos, f) Spiral Binding Machine- Mos | OTM(NCB) | WB/IDA | 0.0230 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |
| PD | CEIP-1/G-14 | Procurement of Motor: Micro Bus – 1 No | Nos. | Micro Bus – 1 No | | | 0.0600 | | | | Activities shown as per Procurement Plan. Procurement is deferred to the FY 2019-2020. |

HOPE=Head of the Procuring Entity

PD=Project Director

N/A = Not Applicable

Annex 6 Governance Accountability and Action Plan

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|---|----------------------------|---|--|--|---|
| Institutional Risks | | | | | | |
| Need to strengthen capacity to handle large volume procurement, financial management, contract management, communications, and monitoring functions | Establish PMU with internally or externally hired staff as per the agreed Organogram. | BWDB | Key staff recruited 3-6 months after project effectiveness. | Delays in conduct of procurement, execution of contracts and processing of payments. | Effectiveness date Nov 2013. PMU Staffing <u>Project Director</u> – Dec 2013 appointed <u>Deputy PD</u> – appointed Jan 2020 <u>Procurement Spec</u> – Nov 2013 <u>Financial Management Spec</u> - originally March 2015-Feb 2016; filled again Apr 2017-Sep 2019. Currently appointing a replacement. <u>Sr. Environment Spec</u> –April 2015 – July 2018; Contract signed with the replacement 12 Mar 2019. <u>Sr. Social Spec</u> – original expert in place Oct 2014-Jan 2017. Contract signed with the replacement in Aug 2017. <u>Sr. Revenue Officer</u> – August 2014 <u>Communication Officer</u> – July 2018. <u>Sr. Forestry Spec.</u> –August 2017. <u>Social Spec./Econ (Field)</u> –July 2017 <u>Environment Spec. (Field)</u> – Oct 2017 Consultancies: <u>Procurement Panel</u> – fully in place between 2014 and mid-2018 when the last of the 3 contracts was completed and not renewed. <u>DACS&PMSC</u> contracted January 2015 | All of the PMU staff have been recruited, including Deputy PD Financial Management Specialist position became vacant on 30 September 2019 and replacement is being appointed. |
| | | BWDB | Contracted 1 st year; | | | |

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

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|--|----------------------------|--|---|---|---------|
| | <p>Retain existing consultants or engage new consultants for design, construction supervision</p> <p>Contract Third Party M&E functions</p> <p>Increase frequency of Bank supervision missions, especially during the first 2 years.</p> | <p>BWDB</p> <p>WB</p> | <p>Contracted 2nd year</p> <p>At least twice a year</p> | | <p>M&E Consultant contracted Oct 2015 IPOE – 2 of 5 were hired; remaining 3 viewed by PMU as not needed. IPOE/Social Expert is on board since July 2017. IPOE Chairman/Environment, Water Management and Polder Expert was in place from March 2015 through 31 January 2018 when contract expired and was not renewed.</p> <p>World Bank Missions: Start (FY 2013/14)– 1 mission PY1 (FY 2014/15)– 1 mission PY2 (FY 2015/16)– 2 missions PY3 (FY 2016/17)– 2 missions plus sector-specific missions PY4 (FY 2017/18)- 2 missions (Jul/Aug and Feb) plus sector-specific missions PY5 (FY 2018/19) – 3 missions (Oct 2018, Feb & May 2019) plus sector-specific missions. PY6 (FY 2019/20) – 2 missions (Oct and Dec 2019)</p> | |
| Need for proactive provision of information and enhanced transparency | Appoint a Communication Specialist as part of the PMU to act as RTI officer (until BWDB engages an RTI officer) in accordance with the RTI Act. | BWDB | 3 -6 months after project effectiveness | Lack of information officer or frequent replacement | Communication Officer signed on, but then withdrew before joining (March 2017). NOL given to draft contract on 19 Oct 2017 for new candidate, but he also withdrew. 2 nd ranked candidate cleared by WB but did not appear at negotiations. 3 rd ranked candidate | |

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

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|--|---|--|---|--|---|
| | <p>Quarterly Reporting on Project Implementation by PMU</p> <p>Set up a website and provide regular information on project performance as well as procurement information</p> | <p>BWDB</p> <p>BWDB</p> | <p>Quarterly</p> <p>Website set up by end of Year 1. Website regularly updated</p> | <p>Delays in establishment of website/ publishing information</p> | <p>signed draft contract on 10 Apr 2018 and final contract on 01 July 2018.</p> <p>First QPR submitted in Feb 2016 for quarter of Sep-Dec 2015. Consolidated QPRs being prepared routinely. From inception, notices and procurement results being posted on BWDB website and CPTU website (Ministry of Planning) or UN Development Business. New, easier-to-navigate BWDB website is under development.</p> <p>M&E Consultants have piloted a partial beta version of a web-based PMIS in November 2016, updated in Sep 2017 and improved version available for users as of late 2017.</p> | |
| Procurement Risks | | | | | | |
| Reduce risk of corruption in procurement. | <p>Retain design of few contracts processed in Dhaka to enhance scrutiny</p> <p>Publish/agree detailed mapping of procurement processes, including finite list of who has access to documents when in the process</p> <p>Enforce ICB procurement guidelines for documentation, timelines, and transparency</p> | <p>BWDB</p> <p>BWDB</p> <p>BWDB, Bank</p> | <p>On-going</p> <p>On-going</p> <p>On-going</p> | <p>Procurement red flags in ex ante and ex post review</p> <p>Inconsistencies with 'need to know' principles in procurement mapping, evidence of unauthorized access to information</p> | <p>Procurement packages have been aggregated in size to facilitate scrutiny.</p> <p>Documentation and mapping of processes completed December 2015.</p> <p>ICB guidelines are enforced.</p> | <p>PMU understands and follows procedures that safeguard procurement processes.</p> |

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

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|---|--|----------------------------|---|--|--|---|
| | <p>Appoint a Procurement Panel</p> <p>Enhance complaints mechanism with reporting established and follow-up guidelines</p> | <p>BWDB</p> <p>BWDB</p> | <p>3-6 months after project effectiveness</p> <p>On-going</p> | <p>Panel members not recruited</p> <p>Nature and frequency of complaints</p> | <p>Int'l Proc. Expert – Nov 2013 Nat'l Proc. Expert – Nov 2013 Int'l Technical Exp. – 2013, with replacement in April 2015</p> <p>GRC membership composition confirmed in Dec 2015. Fifteen (15) GRC formed in Package 01 area and 21 in Package 02. As of 31 March 2019, <u>Pkg 01</u>: A total of 151 complaints / grievances have been reported as received by GRC. Out of these, 32 complaints have been resolved at the entry level and the balance 114 cases have been resolved through investigations and formal hearing by GRC). Remaining 05 lodged grievances have been trying to resolve in entry level by the GRC. <u>Pkg 02</u>: A total of 45 grievances have been lodged – 25 complaints have been resolved at the entry level and the balance 20 cases under process for investigation and formal hearing by GRC</p> | <p>Contracts of PP expired in 2018 and not renewed as this work is now minimal and being handled by PMU team.</p> |
| <p>Potential for or reduce risks of conflict of interest among participants in procurement</p> | <p>Declarations of no conflict of interest by BWDB personnel, including members of PP and bidders</p> | <p>BWDB</p> | <p>BWDB personnel by effectiveness; bidders at submission</p> | | <p>Complied on rolling basis as staff, consultants and contractors join.</p> | <p>Periodic renewal of COI declaration may be considered.</p> |

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

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|--|--|----------------------------------|---|---|---|
| | Review statements of financial interests encompassing key project staff | BWDB | Within one month of submission | | Not a separate declaration from COI above. | |
| | Require bidders' statements concerning agents and other possible connections to persons involved with procurement. | BWDB | At bidding stage | | Complied on ongoing basis. | |
| Contract Execution and Project Management Risks | | | | | | |
| Avoid collusion of parties involved and ensure transparent management of contracts | BWDB website includes information on contract execution (e.g. gross estimate of completion of works etc.) | BWDB | As information becomes available | Website does not include updated information | Complied on ongoing basis, as information is available. Please see cptu.gov.bd website. Select "Contract Award Notices", MOWR, BWDB. Services have not been uploaded here, but were uploaded to UN Development Business. | Services are also be uploaded to cptu.gov.bd website within the 30-day window after contract signing. |
| | Establish enhanced complaints mechanism, including ICT | BWDB | By project effectiveness | | GRM established in Pkg 01 and 02. | |
| | Numerous levels of scrutiny: - PD serve as Employer's representative - Construction Supervision Consultant as Engineer - Nominate Resident Engineers at the site - M&E Consultant to oversee project performance | Construc tion Consult- ants, M&E | | | In place: PD – Nov 2013 to Feb 2016 New PD appointed – Feb 2016 New PD appointed – Jan 2018 DDCS&PMSC – Jan 2015 REs nominated – Jan 2015; RE position for Package 01 vacant for over one year as of September 2019. RE position for Package 02 appointed – Nov 2018, but position remains vacant. M&E – Nov 2015 | The lack of REs for an extended period represents a substantial risk. |

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

| Issues/Risks/ Objective | Actions | Agency respon- sible | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|---|--|----------------------------|---|---|--|---|
| Fraud and Corruption in Delivery of RAP Benefits | | | | | | |
| Potential for improper targeting of beneficiaries and/or false delivery | Contract out implementation of RAP to experienced NGOs, with reputable track record for similar programs | NGOs | Contract in place | Reviewers (BWDB, WB) receive plausible complaints borne out by frequency or other corroboration | DDCS&PMSC has KMC on its team, charged with looking after the RAP implementation (since Jan 2015). | There were some complaints of irregularities. DDCS&PMS Consultant has undertaken preliminary investigation. |
| | Ensure third party monitoring by the M&E Consultants | M&E | Contract in place | | M&E Consultants in place Nov 2015 and developed a Comprehensive M&E Strategy which is being implemented. | |
| | Conduct survey among beneficiaries | M&E | Unit in place by effectiveness or before | Survey results identify improprieties | Baseline survey designed and implemented in early 2016 for Package 01 and early 2018 for Package 02 along with a midline for Pkg 01. | |
| | Enhance complaints mechanism, including use of ICT | M&E | Designated office in place by effectiveness, begin implementing expanded disclosure plan three months after effectiveness | | In process of being developed. | |
| | Suo moto disclosure of information | BWDB | | | Communication Officer REOI re-advertised in January 2016. Contract signed in March 2017, but expert withdrew before joining. After additional rounds of procurement, officer signed contract on 01 July 2018 and now on board. | |

Key Performance Indicators and Targets per PAD/DPP

Results Framework and Monitoring as of 31 March 2020

| Project Development Objectives | | | | | | | | | | | | | | | | |
|--|------|-------------------------------|-----------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------------|-----------------------------------|---|
| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | | Fre- quency | Data Source/ Meth. | Respon- sible 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 | YR8 21/22 | End Target | | | | |
| Gross area protected | | 1000 x ha | - | - | - | - | 19.1 | 35.5 | 40.8 | 52.8 | 66.012 | 66.012 | Annual | BWDB | M&E | Target area for Pkg 1 & 2 are 66.012 (1000 x ha) |
| <i>Achievement</i> | | | | - | - | 4.7 | 9.9 | 28.7 | 30.35 | | | | | | | |
| Direct project beneficiaries from increased resilience to climate change (number) of which female (percentage) % | X | 1000 x person | 0 | 0 | 0 | 0 | 208 | 389 | 448 | 579 | 724 (50%) | 724 (50%) | Annual | BWDB | M&E | The beneficiaries are counted in proportion to the share of embankment with earthwork completed. Package 1 & 2 Population 724,202 |
| <i>Achievement</i> | | | | 0 | 0 | 39 | 76 | 248.9 | 333.024 | | | | | | | |
| Increase cropping intensity | | (%) | 140 | - | - | - | - | 158 | 167 | 171 | 180 | 180 | Annual | BWDB | M&E | Will be calculated via end line survey, though mid-line survey may also show results, in which case they will be reported. |
| <i>Achievement</i> | | | | - | - | - | - | - | - | | | | | | | |
| Contingent Emergency Appropriation | | Triggered, if requested [Y/N] | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | BWDB | NA | Not triggered. |
| <i>Achievement</i> | | | | NA | NA | NA | NA | NA | NA | | | | | | | |

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

Intermediate Results Indicators

| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | | Fre-quency | Data Source/ Meth. | Respon-sible 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 | YR8 21/22 | End Target | | | | |
| Length of upgraded embankment | | km | 0 | - | 11 | 68 | 173 | 254 | 309 | 350 | 408 | 408 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0.8 | 27.9 | 44.25 | 164.93 | 188.23 | | | | | | | Pkg 01: 154.19 kms done Pkg 02: 34.34 kms done |
| Drainage structures replaced | | No. | - | - | 2 | 13 | 34 | 52 | 66 | 75 | 88 | 88 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | 0 | 19 | 35 | 38 | | | | | | | All Pkg – Revised target 88 (Pkg 1–38, Pkg 2 – 50) 73 substantially complete; 38 fully done Pkg 01: 38 nos Pkg 02: 35 nos substantially done |
| Drainage structures repaired | | No. | - | - | - | - | 1 | 2 | 4 | 6 | 8 | 8 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | | | | 0 | 0 | 2 | | | | | | | |
| Flushing structures replaced | | No. | - | - | 3 | 14 | 33 | 47 | 57 | 66 | 77 | 77 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | 0 | 15 | 28 | 29 | | | | | | | All Pkg – Revised target 77 substantially complete; 29 fully done Pkg 01: Revised target 29 and 29 nos done Pkg 02: Revised target 51 nos. 21 nos substantially done |
| Flushing inlets repaired | | No. | - | - | - | - | 8 | 15 | 25 | 35 | 46 | 46 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | | | | 0 | 12 | 14 | | | | | | | |

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

Intermediate Results Indicators

| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | | Fre-quency | Data Source/ Meth. | Respon-sible 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 | YR8 21/22 | End Target | | | | |
| Length of River Bank Protection | | kms | | | | 4.25 | 5.95 | 7.70 | 9.00 | 9.17 | 9.17 | 9.17 | | | | |
| <i>Achievement</i> | | | | | | 0.40 | 1.81 | 5.95 | 8.12 | | | | | | | |
| Length of Slope Protection | | kms | | | | 2 | 5 | 9.33 | 18.00 | 24.00 | 29.242 | 29.242 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | | | 0.117 | 3.73 | 9.33 | 12.17 | | | | | | | Pkg 01: 11.55 kms Pkg 02: 0.62 kms |
| Length of Drainage Channels upgraded | | kms | 0 | - | 9 | 52 | 125 | 178 | 224 | 261 | 272.61 | 272.61 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | 11 | 27.5 | 134.34 | 135.13 | | | | | | | 135.13 kms done Pkg 01: 115.55 kms done Pkg 02: 20.068 kms done |
| Area restored re/afforested | X | ha | - | - | - | - | - | 150 | 300 | 450 | 600 | 600 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | - | - | 208 | 208 | | | | | | | Pkg 01: 162 ha Pkg 02: 46 ha |
| Water Management Organization (WMO) | | Nb. | 0 | - | - | - | - | - | 4 | 8 | 10 | 10 | Annual | BWDB | M&E/ NGO | |
| <i>Achievement</i> | | | | - | - | - | - | - | - | | | | | | | WMG formation done Khulna – 11 nos. Bagerhat – 41 nos. |
| Improved coastal monitoring | | Studies | Limited data | | | | | 1 | | 2 | 2 | | Annual | BWDB | M&E | Consultant contract signed October 2018. |
| <i>Achievement</i> | | | | - | - | - | | | | | | | | | | |

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

| Intermediate Results Indicators | | | | | | | | | | | | | | | | |
|--|------|-----------------|-----------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------|--------------|------------|------------|--------------------|----------------------------------|---------------------------------------|
| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | | Fre-quency | Data Source/ Meth. | Respon-sible 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 | YR8 21/22 | End Target | | | | |
| BWDB person-days of training provided | X | No. | 0 | 160 | 320 | 480 | 640 | 800 | 960 | 1080 | 1200 | 1200 | Annual | BWDB | | |
| <i>Achievement</i> | | | | 341; 66 for women (33) | 341; 66 for women (33) | 341; 66 for women (33) | 461; 66 for women (45) | 461; 66 for women (45) | 461; 66 for women (45) | | | | | | | Number of participants in parentheses |
| Grievance Redress Committee (GRC) | | No. | 0 | | 15 | 15 | 36 | 36 | 36 | 36 | 36 | 36 | Annual | BWDB | M&E/ NGO | |
| <i>Achievement</i> | | | | | 15 | 15 | 36 | 36 | 36 | | | | | | | |
| Detailed design of future 7 Polders (including EIA, RAP/LAP) | | No. | 0 | | | | | | 7 | 7 | 7 | 7 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | | | | | | | | | | | | | |