



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

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

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

**Quarterly Progress Report No. 12**  
July-September 2018

Progress Report for 1<sup>st</sup> Quarter of GoB Fiscal Year 2018-19  
Implementation Quarter 15 (since 01 January 2015)

Submitted to:

**Project Management Unit**  
**CEIP-1**

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



15 November 2018

## BASIC DATA

|                     |   |   |
|---------------------|---|---|
| Country             | : | <i>Bangladesh</i>                               |
| Project Title       | : | Coastal Embankment Improvement Project, Phase-1 |
| Implementing Agency | : | Bangladesh Water Development Board              |
| Report number       | : | 12  |
| Reporting Period    | : | Quarter of July-September 2018                  |

### 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

1. Grant Project Component: Pilot Program for Climate Resilience (PPCR)
  - 1.1 Grant Source : Climate Investment Fund
  - 1.2 Grant Amount : US\$ 25 Million
  - 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 |
| <b>Annual</b>  |      |      | 10   | 10   | 5    |      |      |      |
| <b>Cumulative</b>  |      |      | 10   | 20   | 25   |      |      |      |

Source: Project Appraisal Document, 2013

2. Loan IDA
  - 2.1. Loan Number / Project ID : No. P128276
  - 2.2. Loan Amount : US\$375 Million
  - 2.3. Date of Loan Approval : 29 May 2013
  - 2.4. Date of Loan Declared Effective /
  - 2.5. Project Implementation Start Date : 02 Sep 2013
  - 2.6. 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 |
| <b>Annual</b>                             | 5    | 5    | 10   | 45   | 75   | 75   | 75   | 85   |
| <b>Cumulative</b>                         |      | 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       | Environment Management Framework   |
| EMP       | Environmental 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   |
| OTM  | Other Method   |
| 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. 12 July-September 2018

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## Quarterly Progress Report No. 12

July-September 2018

### 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 July-September 2018 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 by the Project

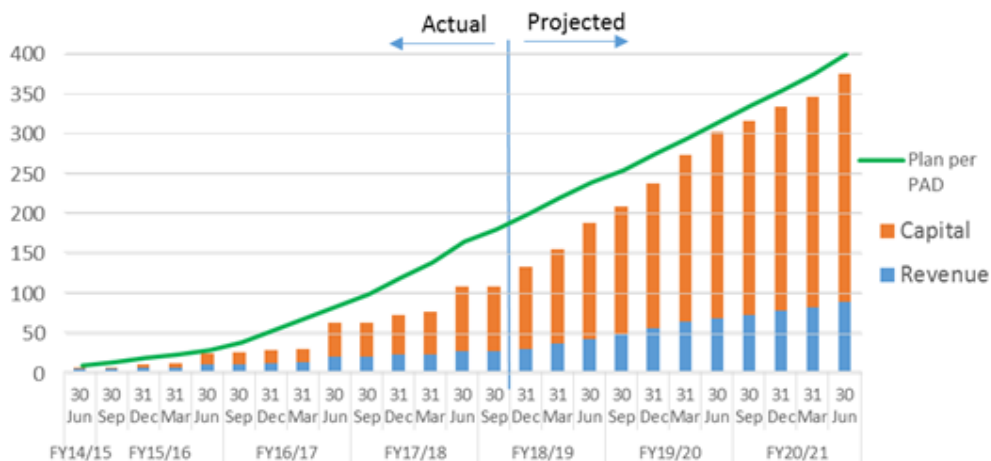
As of September 2018, the Loan had become effective for 61 months. According to the IMED reports prepared by PMU (and using the original exchange rate of BDT 79 per USD), total disbursement by the project to date is as follows:

- US\$97.03 million, or 25.2% of total project cost

This compares to \$59.9 million or 15.6% of total project cost as of 31 March 2018 and \$50.4 million or 12.6% of total one year earlier in June 2017.

A total of \$101 million is projected to be disbursed during the current FY 2018/19 broken down as about \$98.5 m from the IDA credit and \$2.5 m from the PPCR Trust Fund.

The disbursement record along with projection is shown in Figure ES-1. The pace of expenditure has improved substantially and the disbursement gap is expected to close by March 2020 if the additional bank protection works are undertaken in FY 2018/19. Also, based on the current work programs, if the additional bank protection works are undertaken 40% disbursement level may be reached by March 2019.



**Figure ES- 1: Actual and Projected Disbursements by Project Compared to Plan as of 31 March 2018 (USD million)**

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

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 25.7% of the total amount which is up from the prior quarter’s 18.1% and prior year’s 13.8%. The total disbursed to date is \$102.871 million comprised of IDA Credit US\$82.871 million plus Trust Fund PPCR Grant US\$ 20.000 million.

**Table ES-1: World Bank Disbursements to CEIP-1**

| Cumulative as of Given Date | IDA Credit (USD million) | PPCR Grant (USD million) | Total (USD million) | As % of Total Project Cost |
|-----------------------------|--------------------------|--------------------------|---------------------|----------------------------|
| 30 Sep 2018                 | 121.500                  | 20.000                   | 141.500             | 35.4%                      |
| 30 June 2018                | 82.871                   | 20.000                   | 102.871             | 25.7%                      |
| 30 June 2017                | 38.481                   | 16.876                   | 55.357              | 13.8%                      |
| 30 June 2016                | 17.215                   | 8.608                    | 25.823              | 6.5%                       |

**Project Rating – Moderately Satisfactory**

The disbursement target for 2015/16 year was not met and consequently the implementation performance was downgraded during the mid-term review in January 2017 from *Satisfactory* to *Moderately Satisfactory* where it remains today. During the 2016/17 year, the signing of the contract for Works Package 02 was delayed during discussion with the World Bank on how to deal contractually with the anticipated shortfall in budget for land acquisition which put a further drag on the pace of disbursements.

### **Institutional Arrangements**

The PMU is staffed with qualified and dedicated professionals, and most key positions have been filled or are in advanced stage of procurement. Of 17 individual consultants, 12 are in place – one consultant (Communications Officer) joined during the quarter, one consultant (Sr. Environmental Specialist) declined to renew his contract, 1 IPoE contract is completed and not being renewed and recruitment for 3 new IPoE positions is being deferred indefinitely. In sum, only 13 consultant positions are to be filled and there is one vacancy among individual consultants – the Sr. Environmental Specialist.

### **Procurement**

Key procurement activities undertaken during the quarter include:

- Non-Governmental Organization (NGO) Services to Implement (1) Social Mobilization with Social Action Plan (incl. setting up WMOs); (2) Social afforestation and (3) Integrated Pest Management Plan is being procured in five packages:
  - Package S01-A (Khulna District) – RFP was issued 25 July 2018 and last date of proposal submission was 16-Aug-18. Tech evaluation report submitted to WB 01 October 18
  - Package S01-B (Bagerhat District) – RFP was issued 25 July 2018 and last date of proposal submission was 16-Aug-18. Tech evaluation report submitted to WB 01 October 18
  - Package S01-C (Pirojpur District) – 1st ranked NGO was issued RFP 25 July 2018 with submission deadline of 19 August 2018, but it did not submit a proposal. After following required procedures, the 2nd ranked NGO was issued an RFP on 25 September 2018. Proposal due date was 21 October 2018. The 2nd ranked NGO submitted a proposal. Technical Proposal was evaluated and the TER was sent to Board on 31 October 2018 for approval.
  - Package S01-D (Barguna District) – Initially only 2 Eols were received so DC was requested to furnish a list of additional capable NGOs on 26 July 2018. This list was provided in September and Eols solicited on 23 October 2018.
  - Package S01-E (Patuakhali District) – DC Patuakhali provided list of capable NGOs on 07 July 2018 and 05 September 2018. Some clarifications were required. Eols solicited on 23 October 2018.
- Contract signed on 04 October 2018 for Consultancy for Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone Evaluation after a long process of negotiation that started on 17 April 2016.
- The Terms of Reference for the Consultancy for Feasibility Studies and Preparation of Design for Next Phases of CEIP is under review by the Board. The BWDB is considering getting these services through the Long-Term Monitoring, Research and Analysis Consultants.
- A contract was signed with the selected PMU Communications Officer Mr. Kamal Najmus Salehin on 01 July 2018.

- The contracts for the 3-person Procurement Panel have been completed and are not being renewed as procurement activities are nearly completed.

**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

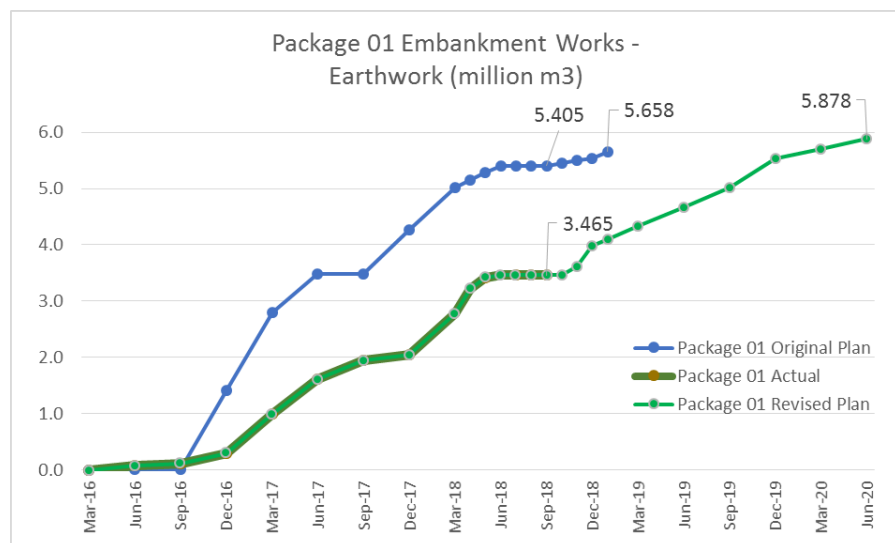
Physical progress has been slow in the first 18 months, but has improved substantially during the 2017/18 construction season which ended in June 2018. The current quarter saw little progress as it is the rainy season. At the 32 month mark (60.4% of the new completion date), progress stands at 53.8% complete by the Consultant’s calculation.

The Contractor has eventually (with some delay) mobilized a bit more than the quantum of equipment estimated to be required at the commencement of the contract, but improved planning and management is needed along with some more equipment in order to catch up. The Contractor has not managed to achieve the FY 2017/2018 work program they committed to in the meeting of 12 November 2017 with the Ministry of Water Resources and the World Bank, meaning that they would reach progress of about 65% by the end of June 2018. Still, the rate of progress is considerably better than the prior year.

Early in the 2017/18 fiscal year, the Package 01 Contractor has submitted a proposal for extension of time and increase of cost. A realistic revised Work Program was approved in August 2018 which shows completion in June 2020 – an extension of 17 months.

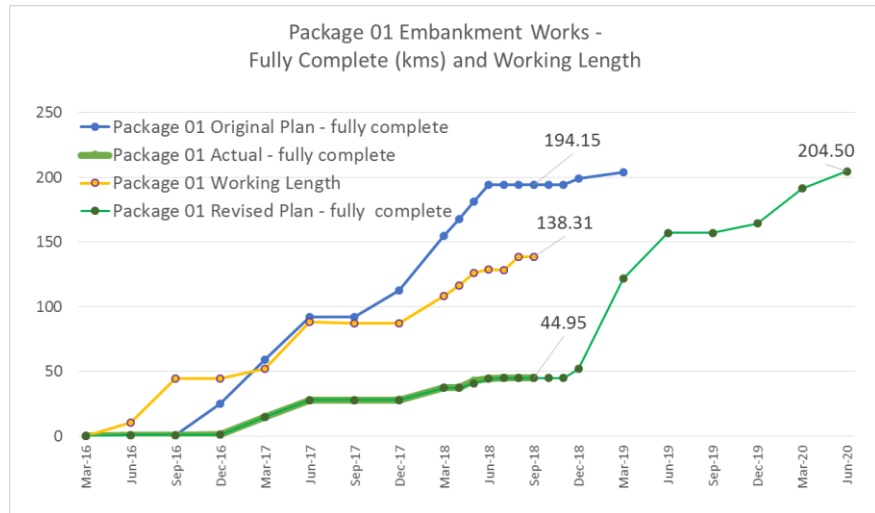
The following figures depict the works achieved to date and in the current quarter.

Physical progress as of September 2018 is shown in the figures which follow, comparing it to the status of previous quarters and years. Embankment works stand at 58.9% complete in terms of m<sup>3</sup> of earthwork which is unchanged this quarter, but this is up from 27.4% in June 2017 and 49.4% in March 2018, which is a very good level of progress.

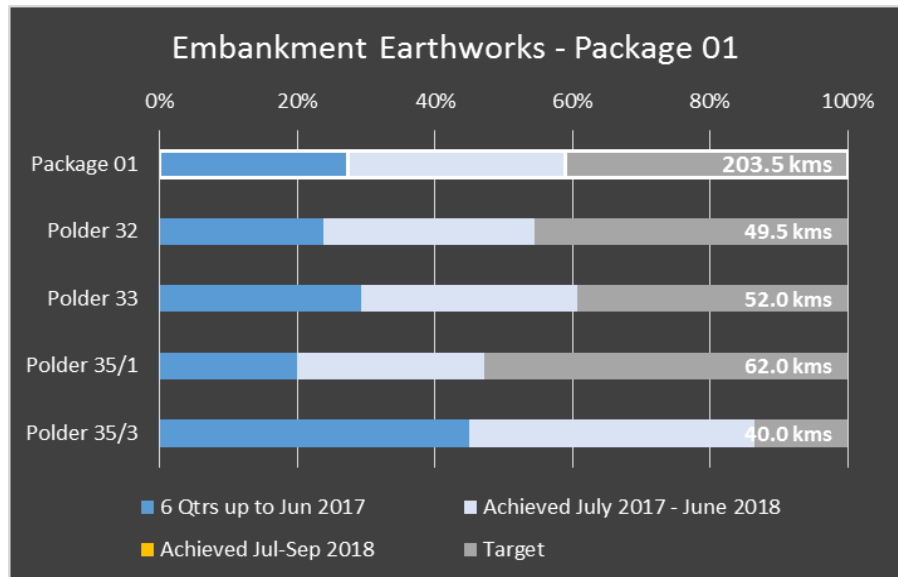


The working length of embankments as of 30 September 2018 stands at 138.31 kms (up from 128.66 kms in June) of which 44.95 kms are fully completed.

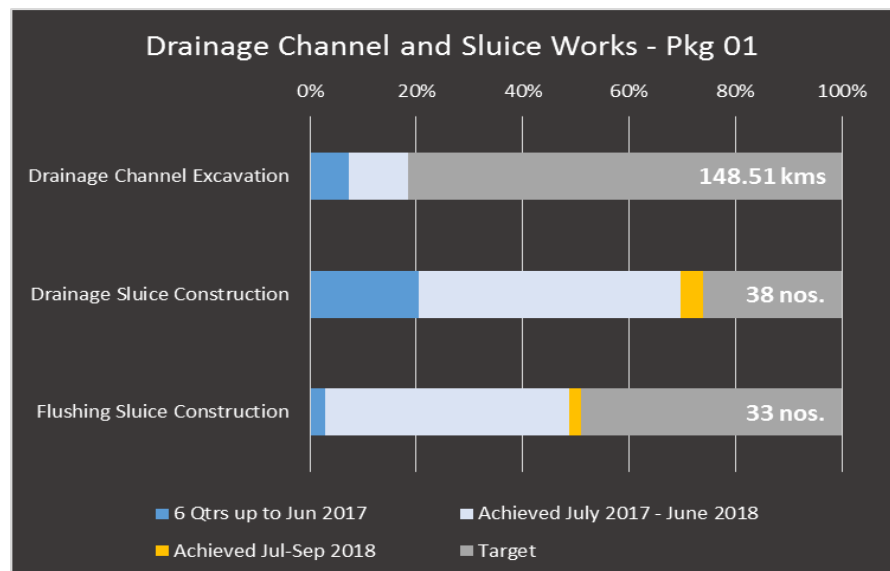
This compares to the March 2018 level of 115.29 kms working length of which 37.30 kms were fully done.



While Package 01 embankment earthworks have achieved 58.9% progress in cubic meter terms, there is variability across polders. Polder 35/3 is the furthest advanced at 86.5% complete, Polder 33 at 60.7% complete then Polders 32 at 54.5% and 35/1 approaching 47.1%. This is unchanged from the prior quarter as it was the rainy season.

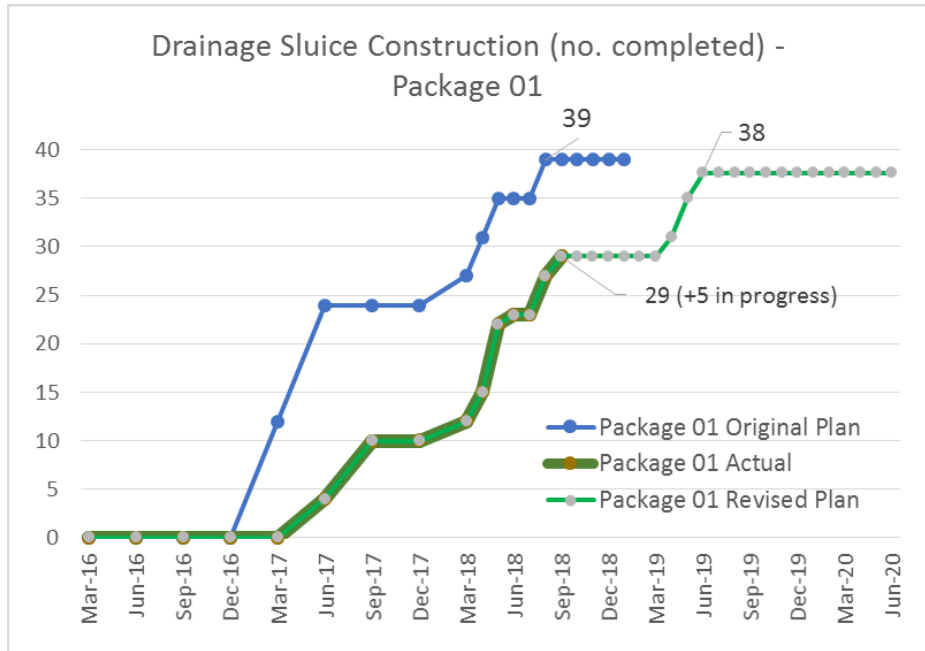


- Drainage channel work did not progress during the quarter due to the rains; it remained at 27.51 kms. This is 18.5% of the required work.
- Drainage sluice construction stands at 73.8% complete up from 69.7% in the prior quarter.
- Flushing sluice work is 50.9% complete compared to 48.7% in the prior quarter.

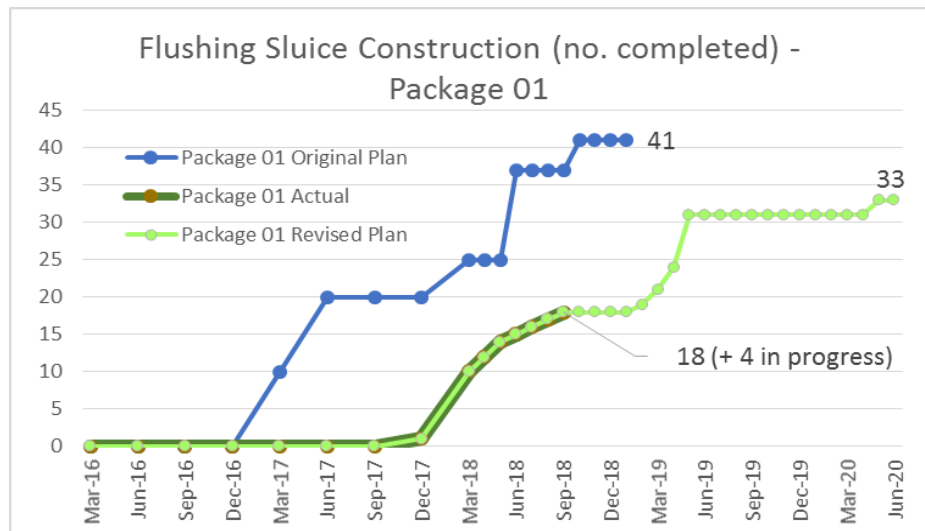




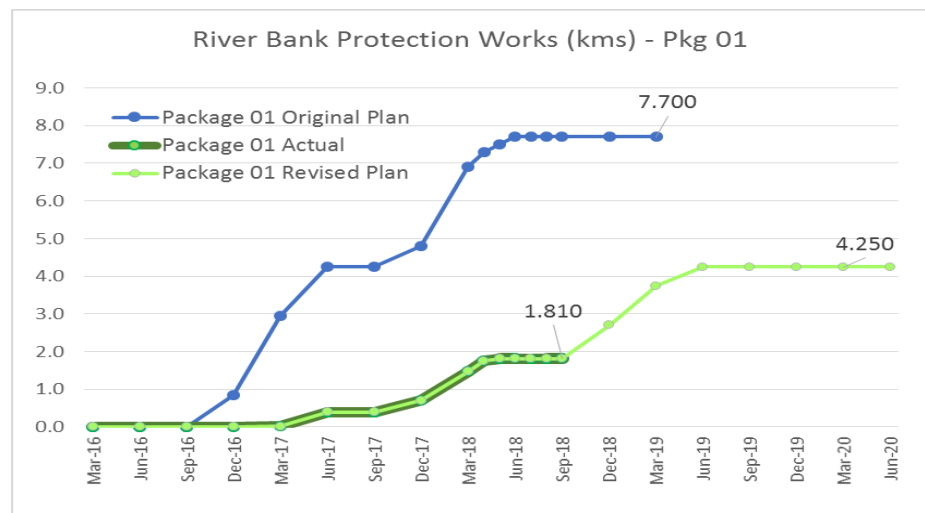
The contractor is working on 34 drainage sluices, of which 29 are essentially complete (excluding gates, hoists and CC blocks). This compares with prior quarter numbers of 32 and 23 respectively and thus represents very good progress. It may be noted that 35 drainage sluices were to have been completed by the close of last construction season (June 2018).



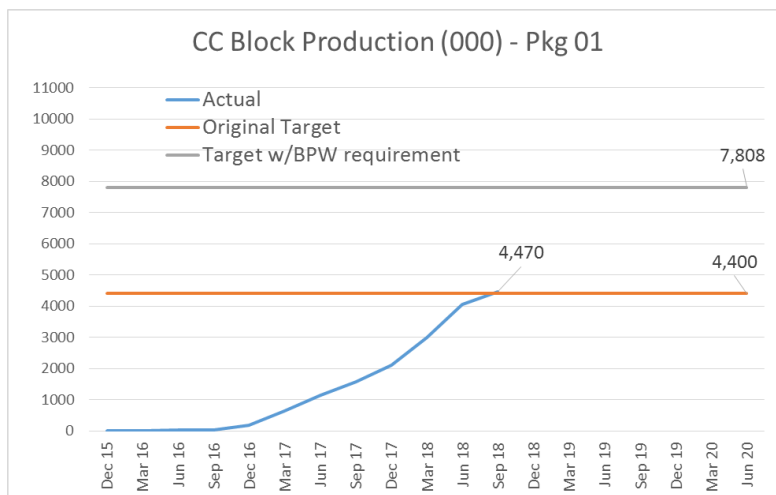
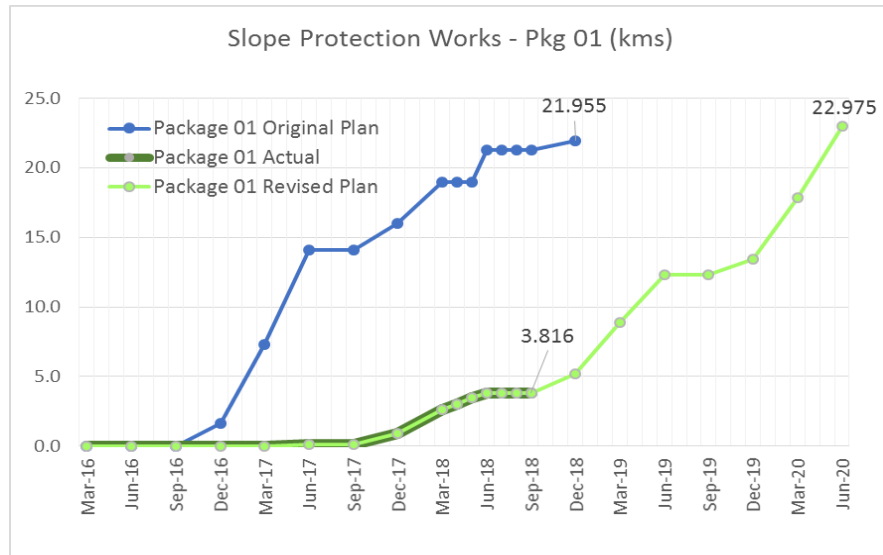
The contractor is working on 22 flushing sluices with 18 essentially complete. This is up from 20 and 15 respectively in the prior quarter.



Bank protection works were suspended for the quarter due to the rainy season and remain at 1.81 kms. Given the revision in the target, this now represents a completion level of 42.6%.



Slope protection works stand at 3.816 kms (up from 3.73 kms as of June 2018) out of 22.975, but this work is necessarily scheduled later in the project period as it is undertaken only as embankment works get completed.



CC block production stands as follows:

|              |               |
|--------------|---------------|
| 30 Sep 2018  | 4.470 million |
| 30 June 2018 | 4.056 million |
| 31 Mar 2018  | 2.994 million |
| 31 Dec 2017  | 2.097 million |
| 30 Sep 2017  | 1.586 million |
| 30 June 2017 | 1.140 million |

There has been an increase in the production rate over the past year, but it could still be improved. Current production

has reached 57.2% of the more the more than 7.8 million that must be produced. The achievement this quarter was 5.3% of total required production compared to 13.6% in the prior quarter. This can be attributed to the lack of storage space given that bank protection works are necessarily on hold during the rainy season. Assuming the performance during dry quarters (13%) and during rainy season (5%) continues, the total required production would be reached in September 2019.

### Works – Contract 02

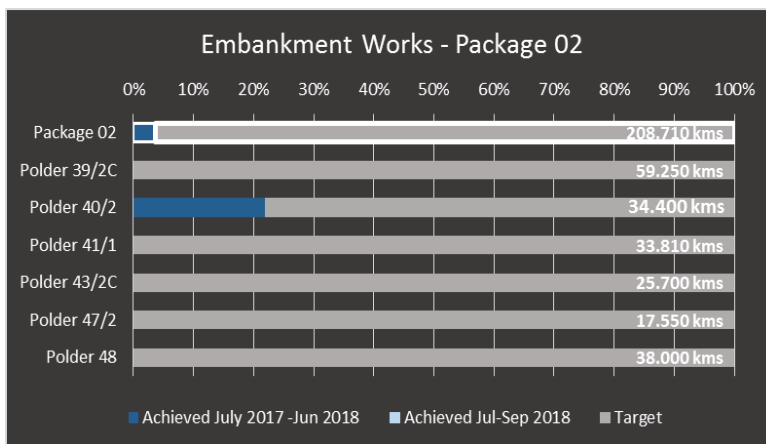
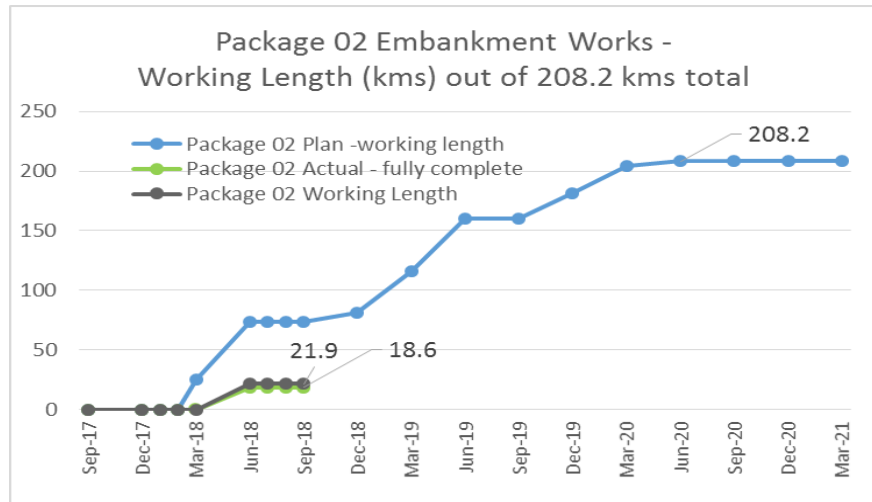
|                         |   |               |
|-------------------------|---|---------------|
| Contractor              | : | CICO (China)  |
| Contract Signature Date | : | 08 March 2017 |
| Notice to Commence      | : | 12 July 2017  |
| Contract Duration       | : | 42 months     |

- Mobilization and physical progress have been very slow – much below the performance level of the Package 01 contractor at a similar point in time after notice to proceed. Yet it is slowly improving. As of September 2018, 14.5 months of this 42-month contract period have elapsed, or 34.5% of the time. Works overall stand at 4.76% complete by the Consultant’s calculation, up from 4.30% in June.

- Drainage sluice work is underway at one site in Polder 39/2C while eight flushing sluices have been started in Polder one in 40/2, two in 41/1 three in 47/2 and one in Polder 48.
- 0.74 km slope protection work has been completed in Polder 40/2.
- 417,000 nos of CC blocks have been produced in the last quarter for a cumulative production to date of 708,118 nos of CC blocks as of 30 September 2018 (all in Polder 39/2C).
- Emergency works were undertaken in five locations in three Polders.

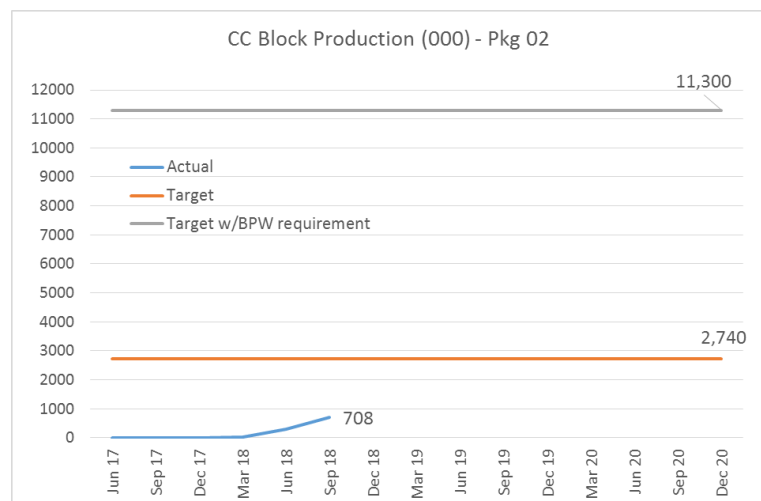
The following figures present some of the works achieved to date.

The working length of embankments as of 30 September 2018 stands at 21.9 kms of which 18.6 kms are fully completed.



The effort in embankment works has to date focused exclusively on Polder 40/2.

CC block production during the quarter represented 3.7% of the total required. Clearly, the production must be scaled up because at this rate the target level will take 6 more years to achieve.



### **Design and Supervision**

The Consultants for a) Detailed Engineering Design and Construction Supervision for remaining Polders, b) Project Management Support, c) Preparation of EIA of remaining Polders and d) RAP (hereafter DDSC&PMSC) have been in place since January 2015 and have been carrying on their work diligently. The DDSC&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 prior to the current year, 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. The Consultants also oversaw the survey and design work undertaken by the Works Contractor for Package 01.

The detailed working designs for all Package 02 embankment, drainage channel, drainage sluice, flushing sluice, riverbank protection and slope protection designs have been completed by the DDSC&PMS Consultants and approved by BWDB Design Circle in the quarter ending June 2018.

Design work was completed in the current quarter for the flood wall and design approval is still required for the flood wall and for the 8 closures.

The design of Package 03 polders commenced during the July-September 2016 quarter and stands at about 25% complete as of 30 June 2018, essentially unchanged in the last 1.5 years.

| SI | Item                       | Package 03 Target | 30 Sep 2018 |          | 30 June 2018 |          |
|----|----------------------------|-------------------|-------------|----------|--------------|----------|
|    |                            |                   | Designed    | Approved | Designed     | Approved |
| 1  | Embankment (kms)           | 210.25            | 210.25      | 0        | 210.25       | 0        |
| 2  | Drainage Channel (kms)     | 167.37            | 0           | 0        | 0            | 0        |
| 3  | Drainage Sluice (no.)      | 52                | 27          | 0        | 27           | 0        |
| 4  | Flushing Sluice (no.)      | 36                | 0           | 0        | 0            | 0        |
| 5  | Riverbank Protection (kms) | 1.65              | 0           | 0        | 0            | 0        |
| 6  | Embankment Slope (kms)     | 15.30             | 0           | 0        | 0            | 0        |

### **Environment**

#### **Supplemental EIA reports of Additional Bank Protection Works at Package 01 areas**

For the supplemental EIA reports of Additional Bank Protection Works of Package 01 polders, comments from WB have been received. The DDSC & PMS Consultants have been working to address these comments.

#### **Package 01**

EAPs of Package 1 are considered living documents and are getting periodic updating and review. The Contractor is also submitting completed environmental checklists to DDSC&PMSC twice monthly. A total of 120 training events were conducted and 1,876 participants (staff and workers, allowing for multiple counting of individuals trained more than once) have received environment, health and safety training by the Package 01 Contractor this quarter. An EHS training was facilitated by DDSC&PMSC and PMU for the Environmental and concerned personnel of Contractor 01.

**Package 02**

The C-ESMPs for the 6 six Polders of Package-2 are likewise reviewed and updated on an ongoing basis. The Contractor is also submitting completed environmental checklists to DDSC&PMSC twice monthly. A total of 23 training events were conducted and 472 participants (staff and workers, allowing for multiple counting of individuals trained more than once) have received environment, health and safety training by the Package 02 Contractor this quarter.

**Package 03**

The remaining three of seven EIA reports of Package 03 have been reviewed and adjusted by DDCS&PMSC to respond to the World Bank’s comments.

**Bi-Annual Environmental Monitoring Report**

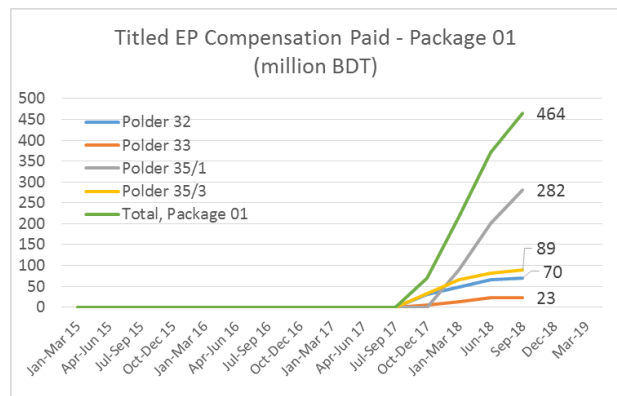
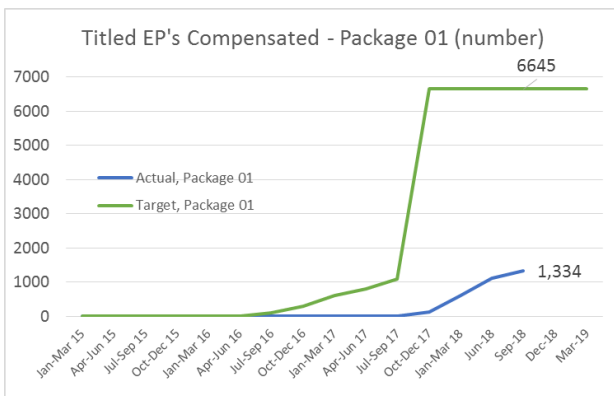
This report was prepared through a close collaboration of DDCS&PMS Consultants, PMU and M&E Consultants and submitted on 31 July 2018.

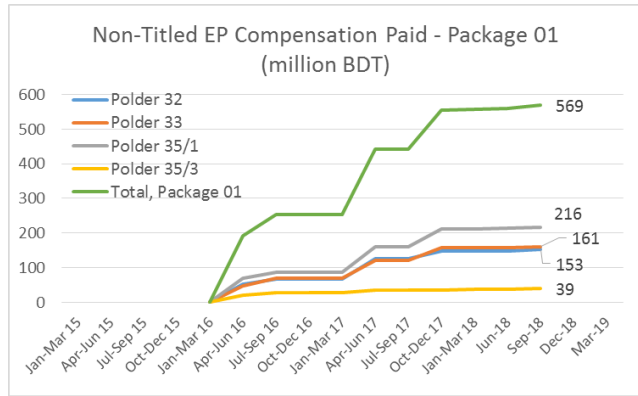
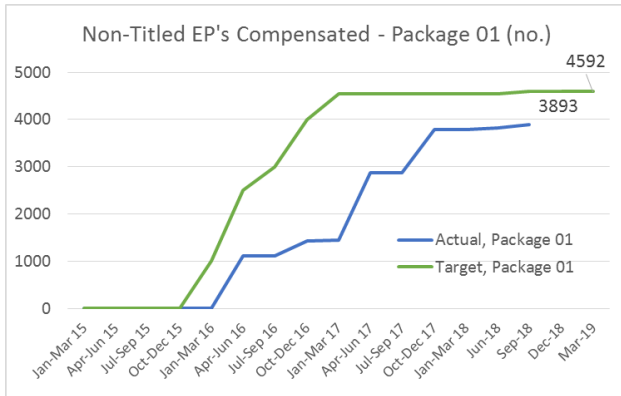
**RAP/LAP Preparation and Implementation**

Status and key accomplishments during the quarter are:

**Package 01**

- An additional 221 titled landholders were compensated for their land during the quarter, bringing the number to 1,334 EPs, for a total payment of BDT 464,098,693 up from BDT 370 million in the prior quarter. Progress in terms of number of landholders is 20% up from 17% in the prior quarter.
- 84.8% of the non-titled EPs have been compensated to date and 95.2% of these EPs (80.7% of all non-titled EPs) have vacated the right-of-way (ROW) as of 30 September 2018. Amount of compensation paid to non-titled EPs so far is BDT 569,204,573 and the number of EPs compensated is 3822 out of 4569 total.
- To date, 134 grievances have been raised with 20 resolved on the spot and 114 resolved by GRC. There are reportedly no grievances pending.
- Notice was issued under section 7 for polder 35/1 on 24 January 2018, completing this process for Package 01. Possession of titled land has been given except for 5.87 ha in Polder 33 and 9.86 ha in Polder 35/1 which are still under process as per new Land Acquisition Act.





**Package 02**

- LAP for MOL Approved 06 Dec 17; processing to issue notice u/s-6 in Polder 39/2C, MOL Approved 13 Mar 18; remaining 0.78 ha pending for court cases in Polder 40/2, MOL Approved 13 Mar 18 in Polder 41/1, Approved by DLAC 14 Mar 18. Waiting for issuance of notices u/s-4 in Polder 43/2C, MOL Approved 05 April 2018 in Polder 47/2 and Sent to MOL for approval 03 Aug 17; waiting for approval from PM Office in Polder 48.
- Unit rates have been fixed by PAVC for Polders 40/2, 41/1, 43/2C, 47/2 and 48.
- As of the prior quarter, all PAVCs have been formed.
- First indent paid to non-titled EPs during the quarter; no payments yet for land acquisition.

**Monitoring and Evaluation**

Key accomplishments July - September 2018 include:

- Entered and continued to clean 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.
- Undertook review of Package 03 EIAs.
- Prepared the 11<sup>th</sup> Quarterly Progress Report
- Made field visits for monitoring of implementation, safeguards compliance and consultation with PAPs.
- Advanced the development of the web-based PMIS.

**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 to cover additional Bank Protection Works and Land Acquisition fund shortfall. This proposal is currently on hold.



## Issues and Recommendations

### New Issues

#### **Issue QPR12-1: Package 02 Contractor physical progress is weak.**

##### Status:

The Contractor for Package 02 received notice to commence on 12 July 2017. Most of the equipment has arrived and camp sites and CC block manufacturing sites are in place. One drainage sluice and eight flushing sluices are in progress. 18.6 kms of embankment works have been completed as of 30 September 2018.

##### Analysis:

- 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 stands at about 5% whereas at this same point in time after NTP, the progress of the Package 01 contractor was about 15%. Even if one takes into account that Package two is 42 months compared to 36 for Package 01, the performance is poor.

##### Recommendation:

- DDCS&PMS Consultants to obtain updated resource-based detailed modular planning from the Contractor and review resource requirements.
- Package 02 Contractor's senior management must continue to be engaged by DDCS&PMS Consultant and PMU.

#### **Issue QPR12-2: Nalian Dam Work Is Now Urgent**

The Contractor for Package 01 has deferred work on Nalian Dam for two years. Most recently, there has been a proposal for realignment of its location. Such realignment would require further study and re-design which would mean that construction could not begin in the current construction season.

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.

Recommendation: Construction of the Nalian Dam should proceed immediately at the originally planned site and must be completed as soon as possible in the current construction season.

### 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 most urgent of these from prior quarters are:

- The progress of works is the most critical issue. As reported previously, the Package 01 works will clearly not be completed on the original schedule and a revised Work Program has been approved through June 2020 (a 17-month extension).
- Also, the Package 02 works are not on track to be completed on time.

- The River Bank Protection Works are also important as the project's objectives would be defeated in those polders where such works are required. Funding must be allocated and the engineering design should be subjected to value engineering analysis.
- The resettlement and land acquisition processes are also particularly worrisome, given the length of time it is taking on Package 01 so far. While the first RAP was prepared in 2015, it took almost one year to make the first payment to non-titled EPs and payments to the actual landowners has only started in the 2017/2018 fiscal year even though PMU has deposited funds with the DCs over 18 months earlier. Currently, it is projected that payments to the last of the non-titled EPs in Package 01 will, it is hoped, be completed in the July-September 2018 quarter and then the EPs are given 30 days to move. Possession of land has been transferred by DC to BWDB for all four polders of Package 01, but the title-holders must be compensated, or donate their land, before it can be used as per World Bank safeguard principles.
- Budget for land acquisition and additional bank protection works must be allocated as quickly as possible. A decision must be made on whether to continue to include Package 03 in CEIP-1 and a revised DPP needs to be prepared and vetted in principle with the World Bank so that the project can proceed. The funding constraints are quickly becoming binding.

The issues bulleted below represent the full list of most critical among the issues remaining unresolved. 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.

- **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 QPR6-1: **River Bank Protection Works Need Urgent Attention and Additional Resources.** Some of these works are already foreseen and budgeted in Works Package 01 and 02, but additional BPW with estimated cost of about \$80m are reported to be needed in the ten polders as well. An economic analysis should be undertaken to examine best options, source of funds to be arranged and procurement to proceed on an urgent basis. The World Bank deployed an engineer to view the physical location of the sites requiring protection in November 2017 and has stated that a review of options and economic analysis is to be done. A reconnaissance survey was undertaken by the DDCS&PMS Consultants in April 2018 to update and screen priority sites.
- **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 QPR5-1: **Specifications Need Heightened Attention** - In Particular Specifications 9.1 to 9.5 Dewatering of Subsurface and Surface Water. Some improvement is now noted and Engineer must monitor closely.
- **R** Issue QPR4-1: **Land Acquisition Cost Has Increased Dramatically**. World Bank and GoB to consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs. World Bank has stated during the January 2017 MTR that it could consider increasing the financing for LA Costs when disbursements increase substantially. BWDB has prepared a draft revised DPP proposal which allocates GoB financing for land acquisition.
- **R** Issue QPR4-4: **Livelihood Restoration Program Needs Attention**. No 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). This process takes as long as one year. In September 2017, the BWDB submitted a draft proposal for DPP revision to the World Bank through ERD focused on the additional riverbank protection works and the funding for land acquisition. Any DPP revision will have to include all cost adjustments needed. The draft DPP proposal is currently on hold by BWDB.
- **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 stands 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. Now 611 titled land-holders out of a total of 1098 in Package 01 have been compensated. 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 in Package 02.
- **R** Issue QPR1-5: **Recruitment of NGOs and Consultants**: 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 implementation of the project and to ensure ownership and commitment to effective O&M. Procurement Evaluation Committee (PEC) has decided to solicit fresh EOIs in its meeting of 28 March 2017 due to the addition of an IPM component at the suggestion of the WB and the length of time since the original call for EOIs (November 2014). Currently, lists of NGOs have been provided by DCs for all 5 packages and the NGO recruitment process will result in signed contract in the next few months.

### 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.
- Budget-neutral reallocation expected to be finalized for DDCS&PMS Consultants and possibly for M&E Consultants.

#### **Procurement:**

- For Package 03, the design, RAP/LAP and tender document preparation will be completed.
- For the Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone Consultancy, sign the contract with the first-ranked firm and mobilize the consultants.
- For the Social Afforestation, Social Action Plan and WMO formation services, PMU will invite the top-ranked NGOs to submit a proposal under Consultant Qualifications Selection mode of procurement and complete the evaluation. The Social Afforestation component will be removed from this TOR as it is to be implemented directly by the Forestry Department.
- PMU will complete recruitment of the three remaining IPoE experts.
- PMU will renew the contract of the IPoE chairman and any other lapsing contracts that need to be continued.
- TOR for the Consultancy Services for the Feasibility Studies and Preparation of Design for the next phases of CEIP will be developed.

#### **Design:**

Package 03 detailed design stands at 25% complete; work on the designs is expected to be completed during the next two quarters.

**Works:****Package 01**

| SI | Activity                     | Contract Quantity | Done through June 2017 |       | Done from Jul 2017-June 2018 |       | Work to be completed during 2018-19 |      |
|----|------------------------------|-------------------|------------------------|-------|------------------------------|-------|-------------------------------------|------|
|    |                              |                   | Full                   | Part  | Full                         | Part  | Full                                | Part |
| 1  | Embankment                   | 204.50 kms        | 27.86                  | 54.30 | 44.95                        | 99.59 | 110.00                              | 0.00 |
| 2  | Drainage Channel excavation  | 167.21 kms        | 10.95                  | 0     | 28.80                        | 0     | 101.00                              | 0.00 |
| 3  | Drainage Sluice construction | 39 nos.           | 0                      | 11    | 20                           | 11    | 19.00                               | 0.00 |
| 4  | Drainage Sluice repair       | 2 nos.            | 0                      | 0     | 0                            | 2     | 2.00                                | 0.00 |
| 5  | Flushing Sluice construction | 37 nos.           | 0                      | 2     | 15                           | 4     | 22                                  | 0.00 |
| 6  | Flushing Sluice repair       | 30 nos.           | 0                      | 2     | 0                            | 7     | 30                                  | 0.00 |
| 7  | Slope protection             | 21.98 kms         | 0.20                   | 0     | 3,65                         | 0     | 10.00                               | 0.00 |
| 8  | River Bank protection        | 7.70 kms          | 0                      | 0.40  | 2.14                         | 0     | 1.80                                | 0.00 |
| 9  | Closure                      | 1 no.             | 0                      | 0     | 0                            | 0     | 1                                   | 0.00 |

**Package 02**

| SI | Activity   | Contract Quantity | Done through June 2017 |                   | Done from Jul 2017-June 2018 |      | Total Program for 2018-19 |      |
|----|--|-------------------|------------------------|-------------------|------------------------------|------|---------------------------|------|
|    |  |                   | Full                   | Part              | Full                         | Part | Full                      | Part |
| 1  | Embankment   | 209 kms           | Nil as mobilizing      | Nil as mobilizing | 18.6                         | 3.3  | 50.335                    | 0.00 |
| 2  | Drainage Channel excavation                              | 188 kms           |                        |                   | 0.74                         |      | 39                        | 0.00 |
| 3  | Drainage Sluice construction                             | 50 nos.           |                        |                   | 0                            | 1    | 19                        | 0    |
| 4  | Drainage Sluice repair                                   | 6 nos.            |                        |                   |                              |      | 5                         | 0    |
| 5  | Flushing Sluice construction                             | 73 nos.           |                        |                   | 0                            | 8    | 16                        | 0    |
| 6  | Flushing Sluice repair                                   | 8 nos.            |                        |                   |                              |      | 8                         | 0    |
| 7  | Slope protection   | 9.5 kms           |                        |                   |                              |      | 2.40                      | 0.00 |
| 8  | River Bank protection                                    | 5.40 kms          |                        |                   |                              |      | 2.90                      | 0.00 |
| 9  | Closure  | 8 no.             |                        |                   |                              |      | 2                         | 0    |
| 10 | Road Pavement on embankment and road crossing embankment | 51 kms            |                        |                   |                              |      | 0                         | 0    |
| 11 | RCC Flood Wall construction                              | 17 kms            |                        |                   |                              |      | 0                         | 0    |

**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:

- Issue notice under Section 4 for Polder 33 (5.87 ha) and Section 3 for Polder 35/1 (9.86 ha).as soon as possible.
- Complete the payment of compensation for all non-titled Eps.

- Pro-actively facilitate the payment of compensation for land by DCs to an increased number of titled Eps on going.
- Program for development of strategy and action plan for settlement of pending land legacy issues with timetable.
- Program for development of database of land ownership and land taking under existing embankments with timetable.
- Ensure PRAC is 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:

- Issue notice under sections 6 and 7 for all Package 02 polders are finished, to be sent to DC office
- Start the payment of compensation for Package 02 EPs – both titled and non-titled on August 2018
- Ensure PRAC is functional and pro-actively supporting PAPs that will be displaced.

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

- LAP for Polder-16 & 23 will be submitted very soon and remaining two polders LAP will be submitted onward submission of Polder-16 & 23.

***Environmental Safeguards:***

EIAs for the seven polders of Package 03 will be completed using an updated model outline. The Bi-Annual Environmental Monitoring Report of July 2018 will be prepared, EAPs and C-ESMPs updated, followed and monitored and environmental management and monitoring training continued for the Package 01 and Package 02 contractors staff. Environmental Audit #3 covering January-December 2018 will be conducted by the M&E Consultants in January 2019 and findings report submitted by February 2019.

***Monitoring and Evaluation:***

The M&E Consultants are to prepare the 13<sup>th</sup> and 14<sup>th</sup> Quarterly Progress Reports, complete the second round Baseline Survey data analysis given the start-up of Package 02, prepare the Baseline Survey Report, conduct a Baseline Survey Results Workshop, improve on the beta version web-based PMIS, participate in preparing the Bi-Annual Environmental Monitoring Report, undertake the second Annual Environmental Audit, monitor the performance of CEIP-1 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 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            | Target           |
|---|------------------------------|------------------|
| 1 | Gross Area Protected         | 100,800 hectares |
| 2 | Direct Project Beneficiaries | 760,000 people   |
| 3 | Cropping Intensity           | 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.

## 2. PROJECT INPUTS

### 2.1 Finance and Disbursements

#### Disbursements by the Project

Tables 1 and 2 present the Revenue/ Input Expenditure Data as well as Capital / Output Expenditure Data as of 30 September 2018. Revenue expenditures in the first quarter of FY 2018/2019 reached 0.42% of the planned expenditures for the current FY (column 8, last row).

Cumulatively, revenue expenditures stand at 28.62% of the project budget for these expenditures (column 10, last row), up from 28.55% at the end of June 2018.

Table 2: Revenue Expenditures / Input Cost up to 1st Quarter of FY 2018-19 (as of 30 September 18)

| <i>All BDT in Lakh Taka (**00,000)</i>   |                  |                  |                   |                              |              |               |                                 |               |               |  |
|--|------------------|------------------|-------------------|------------------------------|--------------|---------------|---------------------------------|---------------|---------------|--|
| Services Package   | Planned for      |                  | Progress          |                              |              |               | Achieved (%) of this FY against |               |               | Cum. achieved against the Total Project Cost |
|  | Total Project    | FY 2018-19       | Cum. upto last FY | This (1st) Quarter of the FY | This FY      |               | This FY's Plan                  | Total Project |               |  |
| Rf #   | BDT              | BDT              | BDT               | BDT                          | BDT          | US \$         | %                               | %             | %             |  |
| 1  | 2                | 3                | 4                 | 5                            | 6            | 7             | 8                               | 9             | 10            |  |
| <b>1. Implementation of SAP and EMP</b>  |                  |                  |                   |                              |              |               |                                 |               |               |  |
| 1.a Resettlement / Compensation Payments other than Land Acquisition   | 26,918.60        | 5,996.14         | 7,503.81          | -                            | -            | -             | -                               | -             | 27.88%        |  |
| <b>2. Construction Supervision, M&amp;E, Delta Monitoring</b>  |                  |                  |                   |                              |              |               |                                 |               |               |  |
| 2.a Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 13,659.28        | 2,353.86         | 8,438.85          | -                            | -            | -             | -                               | -             | 61.78%        |  |
| 2.b Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP                                     | 2,609.09         | 450.00           | 1,462.68          | -                            | -            | -             | -                               | -             | 56.06%        |  |
| 2.c Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone  | 6,709.09         | 2,000.00         | -                 | -                            | -            | -             | -                               | -             | -             |  |
| <b>3. Project Management, TA, Training, Strategic Studies</b>  |                  |                  |                   |                              |              |               |                                 |               |               |  |
| 3.a Project management support and audits  | 11,507.99        | 597.00           | 2,048.42          | 50.90                        | 50.90        | 64,430        | 8.5%                            | 0.4%          | 18.24%        |  |
| 4. Overseas Training   | 745.45           | 300.00           | 302.38            | -                            | -            | -             | -                               | -             | 40.56%        |  |
| 5. Honorarium/ Fees/ Remuneration  | 30.00            | 3.00             | 8.32              | -                            | -            | -             | -                               | -             | 27.73%        |  |
| <i>Other Activities not yet undertaken</i>   | 7,056.30         | 300              | -                 | (50.90)                      | -            | -             | -                               | -             |               |  |
| <b>Sub-total Revenue Component</b>   | <b>69,235.80</b> | <b>12,000.00</b> | <b>19,764.46</b>  | <b>-</b>                     | <b>50.90</b> | <b>64,430</b> | <b>0.42%</b>                    | <b>0.07%</b>  | <b>28.62%</b> |  |
| <i>Source: IMED-05 report September, 2018 of CEIP-1</i>  |                  |                  |                   |                              |              |               | <i>1 USD=79 BDT</i>             |               |               |  |

As for capital expenditures, the project has achieved 0.01% of planned disbursements for the 2018/19 fiscal year. Cumulatively, the project has disbursed 24.2% of the total budgeted for the project (last row of column 10). This is essentially the same from the prior quarter and is attributed to the lack of physical works during the rainy season.

Table 3: Capital Expenditures / Output Cost as of 1st Quarter of FY 2018-19 (as of 30 September-18)

| 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 2018-19       | Cum upto last FY | This (1st) Quarter of the FY | This FY     |              | This FY's Plan                  | Total Project |              |  |
| Rf #   | BDT               | BDT              | BDT              | BDT                          | BDT         | US \$        | %                               | %             | %            |  |
| 1  | 2                 | 3                | 4                | 5                            | 6           | 7            | 8                               | 9             | 10           |  |
| 1.a Equipment and goods under Comp. B, C, D (6800)               | 1,545.30          | 520.00           | 716.69           | -                            | -           | -            | -                               | -             | 46.4%        |  |
| 2.a Acquisition of Land (544.16 ha)                              | 8,852.40          | -                | 8,852.40         | -                            | -           | -            | --                              | -             | 100.0%       |  |
| 3.a Construction & Reconstructions of Drainage Structures (7041) | 35,538.97         | 6,500.00         | 2,800            | -                            | -           | -            | -                               | -             | 7.9%         |  |
| 3.b Others (7081)  | 182,436.24        | 60,680.00        | 44,465.04        | -                            | -           | -            | -                               | -             | 24.4%        |  |
| Other Activities not yet undertaken                              | 6,095.00          | 300.00           | -                | 5.00                         | 5.00        | 6,329.00     | 0.02                            | 0.00          | 0.00         |  |
| <b>Sub-total Capital Component</b>                               | <b>234,467.91</b> | <b>68,000.00</b> | <b>56,834.13</b> | <b>5.00</b>                  | <b>5.00</b> | <b>6,329</b> | <b>0.01%</b>                    | <b>0.00%</b>  | <b>24.2%</b> |  |

Source: IMED-05 report September, 2018 of CEIP-1

1 USD=79 BDT

Table 4 presents the share of expenditures for revenue items. It shows a 21.5% share to date (compared to 32.9% in June 2017) which is finally in line with the overall life-of-Project plan of 22.8% 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.

Table 4: Share of Disbursement which is Revenue Expenditure - FY 2017-18

|                                | Planned for FY 2018-19 | Actual up to this Quarter of FY 2018-19 | Actual Inception to Date | Plan for Overall Project |
|--------------------------------|------------------------|---|--------------------------|--------------------------|
| Revenue Expenditure            | 15,189,873             | 64,430                                  | 25,082,734               | 87,640,253               |
| Capital Expenditure            | 86,075,949             | 6,329                                   | 71,948,266               | 296,794,823              |
| Share of Cost which is Revenue | 17.6%                  | 91.1%                                   | 25.9%                    | 29.5%                    |

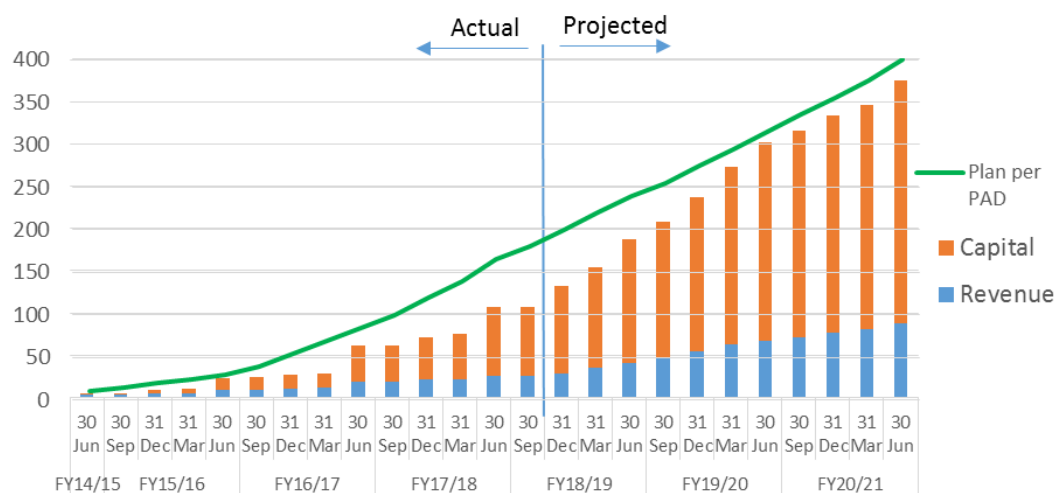
As of September 2018, the Loan had become effective for 61 months. According to the IMED reports prepared by PMU, total disbursement by the project to date is as follows:

| Date              | Cumulative Disbursed (\$million) | Cumulative Disbursed (% of total project cost) |
|-------------------|----------------------------------|--|
| 30 September 2018 | 97.03                            | 25.2%  |
| 30 June 2018      | 96.96                            | 23.4%  |
| 30 June 2017      | 50.44                            | 13.1%  |
| 30 June 2016      | 21.97                            | 5.7%   |

A total of \$101 million is projected to be disbursed during the current FY 2018/19 broken down as about \$98.5 m from the IDA credit and \$2.5 m from the PPCR Trust Fund.

The disbursement record along with projection is shown in Figure 1. The pace of expenditure has improved substantially and the disbursement gap is expected to close by March 2020 if the additional bank protection works are undertaken in FY 2018/19. Also, based on the current work

programs, if the additional bank protection works are undertaken 40% disbursement level may be reached by March 2019.



**Figure 1: Actual and Projected Disbursements by Project Compared to Plan as of 30 September 2018 (USD million)**

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

#### 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 25.7% of the total amount which is up from the prior quarter's 18.1% and prior year's 13.8%. The total disbursed to date is \$102.871 million comprised of IDA Credit US\$82.871 million plus Trust Fund PPCR Grant US\$ 20.000 million.

**Table 5: World Bank Disbursements to CEIP-1**

| Cumulative as of Given Date | IDA Credit (USD million) | PPCR Grant (USD million) | Total (USD million) | As % of Total Project Cost |
|-----------------------------|--------------------------|--------------------------|---------------------|----------------------------|
| 30 Sep 2018                 | 121.500                  | 20.000                   | 141.500             | 35.4%                      |
| 30 June 2018                | 82.871                   | 20.000                   | 102.871             | 25.7%                      |
| 30 June 2017                | 38.481                   | 16.876                   | 55.357              | 13.8%                      |
| 30 June 2016                | 17.215                   | 8.608                    | 25.823              | 6.5%                       |

The disbursement target for 2015/16 year was not met and consequently the implementation performance was downgraded during the mid-term review in January 2017 from *Satisfactory* to *Moderately Satisfactory* where it remains today. During the 2016/17 year, the signing of the contract for Works Package 02 was delayed during discussion with the World Bank on how to deal contractually with the anticipated shortfall in budget for land acquisition which put a further drag on the pace of disbursements.

## 2.2 Project Inputs – Personnel and Equipment

### 2.2.1 Project Organization Chart

The Project Organization chart is depicted in Figure 2 below.

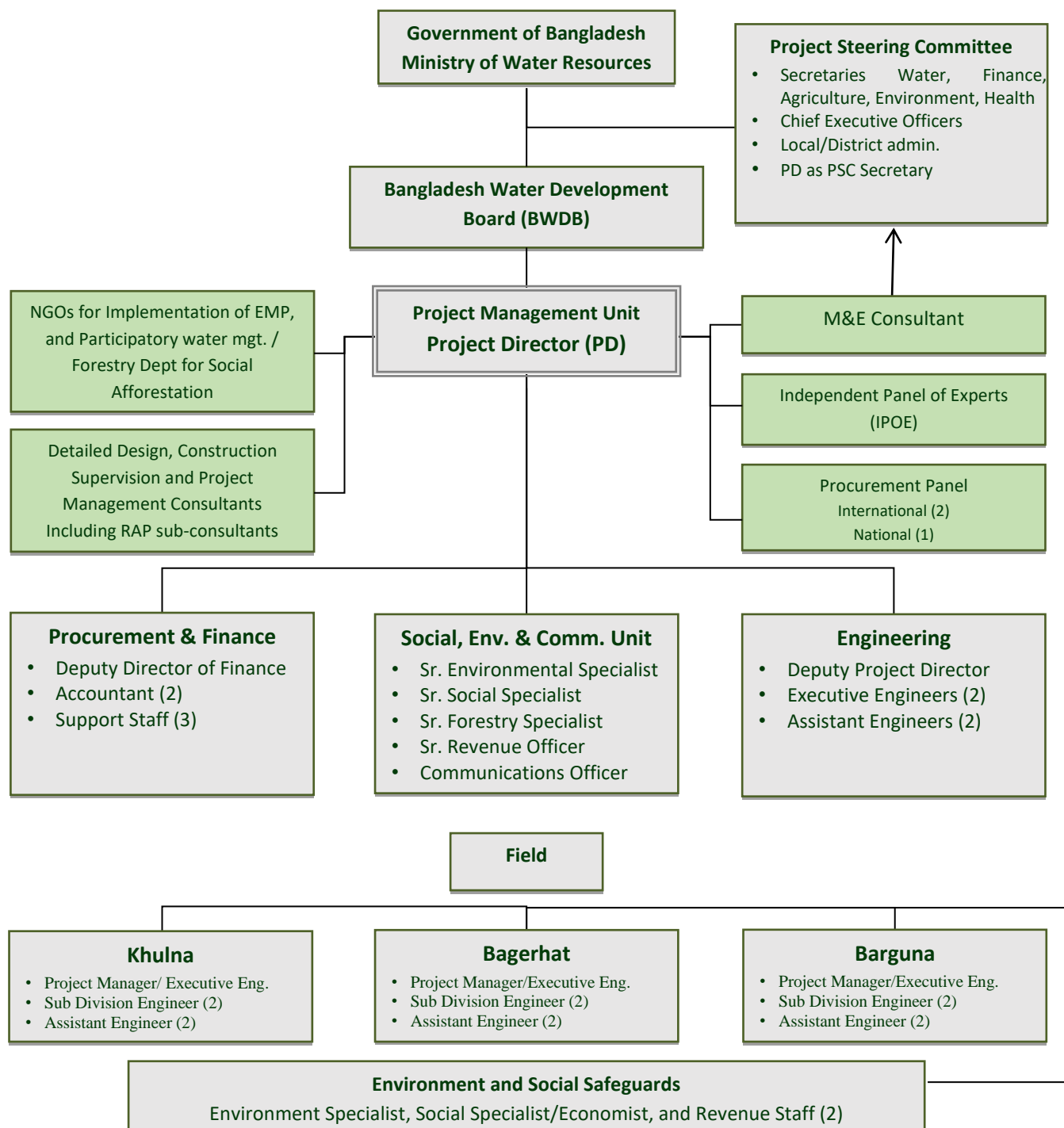


Figure 2: Project Organization Chart

## 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.

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

| Sl.                                 | Position                                   | Name                                | Status<br>31-Dec-17  | Status<br>30-Jun-18  | Status<br>30-Sep-18              |
|-------------------------------------|--|-------------------------------------|--|--|----------------------------------|
| <b>Professional (International)</b> |  |                                     |  |  |                                  |
| 1                                   | Team Leader                                | Jean Henry Laboyrie & Gerard Pichel | Laboyrie in place as interim since Sept 2017.                    | Laboyrie in place as interim since Sept 2017. Candidate Derk Jan (Dick) Kevelam approved by PEC, evaluation sent to WB on 18 Mar 2018 and NOL received same date. Forwarded to Ministry for approval. Derk Jan (Dick) Kevelam in place | Derk Jan (Dick) Kevelam in place |
| 2                                   | Construction Resident Engineer- Package 01 | Paul Zwetsloot                      | Vacant as of Aug 2017; One candidate approved but failed to join | Proposed candidate approved 29 March 2018, but declined to mobilize due to reported health reasons (accident).   | Trevor Morish Hale in place      |

| Sl.                            | Position                                   | Name                | Status   | Status  | Status   |
|--------------------------------|--|---------------------|--|---|--|
|                                |  |                     | 31-Dec-17  | 30-Jun-18   | 30-Sep-18  |
|                                |  |                     | due to health reasons in prior quarter; proposed candidate in process of approval. | PEC evaluated on 12.06.2018 WB NoL obtain as 27.06.2018. Forward to MOWR for approval.  |  |
| 3                              | Construction Resident Engineer- Package 02 | Trevor Morrish Hale | Vacant; proposed candidate in process of approval                                  | Vacant. Proposed candidate withdrew; an alternate candidate submitted 25 Feb 2018, but was rejected. Afterwards the Consultants submitted proposal for Charles Harrison which was compared by the competent authority. But ultimately he did not join.                      | Richard David Mann in place  |
| <b>Professional (National)</b> |  |                     |  |   |  |
| 1                              | Deputy Team Leader                         | Md. Habibur Rahman  | In place   | In place  | In place   |
| 2                              | Deputy Resident Engineer-Pkg 01            | Mazibur Rahman Khan | In place   | Vacant (resigned Feb 2018); First replacement candidate's CV submitted 25 Feb 18 was rejected. Second CV submitted to PMU on 06 May 2018.   | A.K.M. Sayeed Uddin in place   |
| 3                              | Deputy Resident Engineer-Pkg 02            | Md. Gulzer Hossain  | Vacant (resigned Nov 2017)   | Mr. Abu Sayed Kamruzzaman approved 07 Jan 2018. He resigned on 30 Jun 2018.   | Vacant during the quarter, but Mohammad Ali approved and joined in Oct 2018. |
| 4                              | Resettlement Specialist/ Sociologist       | M. A. Latif         | In place   | Resigned in January 2018 citing health reasons. CV of Md. Zainal Abedin submitted 25 Feb 2018 and approved by PEC. Evaluation sent to World Bank on 18 March 2018 and NOL received same date. Forwarded to Ministry for approval. Approval of competent authority obtained. | Md. Zainal Abedin in place   |

The DDCS&PMSC's RAP Team commenced their field work on 01 March 2015. On 01 March 2016, another field team was established for the Package 02 polders. The staffing pattern as of 30 September 2018 is unchanged from the prior quarter and is shown in the table below.

**Table 7: Deployment of Consultant's RAP Team Field Staff as of 30 September 2018**

| SN                         | Polder No.                   | Staff  |
|----------------------------|------------------------------|--|
| <b>Coordinating Office</b> |                              | <b>9 Staff</b>   |
| 1                          | Coordinating Office (Khulna) | TL-RAP/LAP (In Charge), DTL for Package 01 (Acting), Communication Officer. MIS Expert, Database Manager, Land |

|                  |             |  |
|------------------|-------------|--|
|                  | city)       | surveyors (2 - one for Pkg 01; one for Pkg 03), Office Assistant, Driver             |
| <b>Package-1</b> |             | <b>10 Staff</b>  |
| <b>1</b>         | 32          | Field Coordinator (In Charge all 4 polders), Supervisor (1), Resettlement Worker (1) |
| <b>2</b>         | 33          | Supervisor (1), Resettlement Workers (2)   |
| <b>3</b>         | 35/1        | Supervisor (1), Resettlement Workers (2)   |
| <b>4</b>         | 35/3        | Supervisor (1)   |
| <b>Package-2</b> |             | <b>18 Staff</b>  |
| <b>1</b>         | Package 2   | DTL for Package 2  |
| <b>2</b>         | 39/2C       | Supervisor (1), Surveyor (1), Resettlement Workers (2)                               |
| <b>3</b>         | 40/2 & 41/1 | Field Coordinator  |
| <b>4</b>         | 40/2        | Supervisor (1), Resettlement Worker (1)  |
| <b>5</b>         | 41/1        | Supervisor (1), Resettlement Worker (1)  |
| <b>6</b>         | 43/2C       | Supervisor (1), Resettlement Worker (1)  |
| <b>7</b>         | 47/2 & 48   | Field Coordinator(In Charge) (1)   |
| <b>8</b>         | 47/2        | Resettlement Workers (2)   |
| <b>9</b>         | 48          | Supervisor (1), Surveyor (1) Resettlement Worker (1)                                 |

#### 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 implementation of the project and to ensure ownership and commitment to effective O&M. These consultancies have been delayed, but the procurement is finally moving towards close. Earlier, it was planned to implement social afforestation through the selection of an NGO. 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).

The NGO will be 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.

| Background and Status Prior Quarters   | Status - June 2018 | Status - September 2018   |
|--|--------------------|---|
| DCs have been asked to nominate effective NGOs. This package was sub-divided into five packages and CQS method of procurement is being used. For four of five packages, lists of NGOs have been provided. For the fifth package, in Patuakhali District, | No change.         | – Package S01-A (Khulna District) and S01-B (Bagerhat District) – RFP was issued 25 July 2018 and last date of proposal submission was 16-Aug-18. Tech evaluation report submitted to |



the DC nominated only one NGO so additional NGO nominations have been requested.

As background, original 70 EOIs were received in November 2014. PMU contacted all 70 organizations who submitted EOIs and all reconfirmed their interest in early June 2016. Still due to the continued delay, and the decision to accept the World Bank's suggestion to incorporate IPM aspects in the TOR, it was decided in June 2017 to issue a new request for EOIs using Consultant's Qualification Selection (CQS) method of procurement.

Still awaiting additional NGO nominations from Patuakhali District. Proposals from the other 4 packages yet to be solicited.

WB 01 October 18

- Package S01-C (Pirojpur District) – 1st ranked NGO was issued RFP 25 July 2018 with submission deadline of 19 August 2018, but it did not submit a proposal. After following required procedures, the 2nd ranked NGO was issued an RFP on 25 September 2018. Proposal due date was 21 October 2018. The 2nd ranked NGO submitted a proposal. Technical Proposal was evaluated and the TER was sent to Board on 31 October 2018 for approval.
- Package S01-D (Barguna District) – Initially only 2 Eols were received so DC was requested to furnish a list of additional capable NGOs on 26 July 2018. This list was provided in September and Eols solicited on 23 October 2018.
- Package S01-E (Patuakhali District) – DC Patuakhali provided list of capable NGOs on 07 July 2018 and 05 September 2018. Some clarifications were required. Eols solicited on 23 October 2018.

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

The Consultancy has been awarded and the contract was signed 04 October 2018. The background and status are given below.

| Background and Status Prior Quarters   | Status - June 2018   | Status - September 2018                        |
|--|--|--|
| RFP was issued among shortlisted firms on 19 November 2015. Proposals were due on 31 December 2015 and evaluation was submitted to the World Bank who gave NOL on 03 March 2016. Financial Negotiation meetings were carried out from 17-21 April 2016, but were not conclusive. At request of the Procurement | On obtaining responses from the Consultants, fresh draft Contract was signed on May 2018 and sent to World Bank on May 21, 2018. World Bank provided "NOL". The Purchase Proposal is now under review by Ministry of Water Resources (MoWR). | Contract actually executed on 04 October 2018. |

| Background and Status Prior Quarters   | Status - June 2018   | Status - September 2018 |
|--|--|-------------------------|
| <p>Panel (PP), the Consultant submitted a revised Financial Proposal on 25 May 2016. The revised cost is still far above the budget (USD 8.50 million). It was not possible to conclude the negotiations initially due to incomplete /unclear documentation and the high cost of the consultancy compared to the budget; however, it was decided the budget would be increased.</p> <p>The final obstacle was disagreement on which party will cover the taxes. The tax issue has been resolved in the meeting of 30 September 2017.</p> | <p>The Consultant has extended the Validity of the Proposal up to 30 September 2018.</p> |                         |

## 2.2.6 Works Contractors

### 2.2.6.1 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 10 provides the contractor's manpower mobilization status at the close of the current quarter compared to the prior quarter. The number of staff is lower as of 30 September 2018 compared to 30 September 2018 as it is monsoon season. However, year on year, the number of staff has increased substantially. A list of the contractor's key staff with contact details is given in Annex 3.

Table 8: Manpower Mobilized by Package 01 Contractor

| SN           | Staff Category   | Total Nos. 30 June 2018 | Total Nos. 30 Sep 2018 | Khulna    | 32        | 33        | 35/1       | 35/3      |
|--------------|------------------|-------------------------|------------------------|-----------|-----------|-----------|------------|-----------|
| 1            | Management       | 11                      | 8                      | 1         | 1         | 3         | 2          | 1         |
| 2            | Technical Staff  | 95                      | 64                     | 15        | 7         | 15        | 18         | 9         |
| 3            | Operator/ Driver | 155                     | 68                     | 2         | 7         | 24        | 28         | 7         |
| 4            | Skilled Worker   | 233                     | 120                    | 4         | 7         | 7         | 36         | 66        |
| 5            | Laborers         | 554                     | 221                    | 4         | 24        | 40        | 140        | 13        |
| 6            | Logistic         | 28                      | 16                     | 2         | 5         | 7         | 4          | 3         |
| <b>Total</b> |                  | <b>1076</b>             | <b>502</b>             | <b>28</b> | <b>51</b> | <b>96</b> | <b>228</b> | <b>99</b> |

Source: Contractor CHWE Monthly Progress Report, June and September 2018.

Tables 11 and 12 present the contractor's equipment mobilization status against Engineer's estimate of requirements, which was updated in the Oct-Dec 2017 quarter. The DDCS&PMSC calculated the

equipment needs for Contract W-01 based on standard capacities and utilization. This is shown in Table 11 while Table 12 shows the actual equipment in place as of 30 September 2018. The equipment numbers have decreased substantially as it is monsoon season and, except for pile driving equipment and barges, are in line with the equipment levels last recommended by the supervision consultants. Given the revised Work Program that was approved by DDCS&PMS Consultants (as Engineer) and its 17 month extension of time, these levels may be adequate.

**Table 9: 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                             | 1                              | 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           | 6                       | 5                             | 1                              | 1                                | 1              | 1                | 1             | 4         | 6            |
| <b>Equipment Required, Revised</b>  | <b>28</b>                                | <b>104</b>                  | <b>57</b>   | <b>40</b>               | <b>28</b>                     | <b>6</b>                       | <b>7</b>                         | <b>7</b>       | <b>4</b>         | <b>4</b>      | <b>24</b> | <b>14</b>    |
| <b>Equipment Required, Original</b> | <b>34</b>                                | <b>202</b>                  | <b>54</b>   | <b>30</b>               | <b>16</b>                     | <b>4</b>                       | <b>6</b>                         | <b>5</b>       | <b>4</b>         | <b>4</b>      | <b>10</b> | <b>17</b>    |

Source: Report Received from DDCS&PMSC, September 2018  
“nr” denotes “not reported”

**Table 10: Equipment Deployed by Package 01 Contractor as of 30 September 2018**

| 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                     | 10+5+36                       | 10+5+36                               | 10          | 6                       | 1                             | 1                              | 1                                | 1              | 1                | 1             | 2         | 2            |
| 35/1                   | 15+0+5                        | 26+3+25                               | 24          | 14                      | 5                             | 1                              | 2                                | 3              | 1                | 1             | 4         | 6            |
| 35/3                   | 6+2+0                         | 12+5+22                               | 11          | 7                       | 6                             | 1                              | 1                                | 1              | 1                | 1             | 2         | 6            |
| <b>Total 30 Sep 18</b> | <b>34</b>                     | <b>202</b>                            | <b>54</b>   | <b>30</b>               | <b>16</b>                     | <b>4</b>                       | <b>6</b>                         | <b>5</b>       | <b>4</b>         | <b>4</b>      | <b>10</b> | <b>17</b>    |
| <b>Total 30 Jun 18</b> | <b>46</b>                     | <b>241</b>                            | <b>54</b>   | <b>33</b>               | <b>16</b>                     | <b>4</b>                       | <b>6</b>                         | <b>5</b>       | <b>4</b>         | <b>4</b>      | <b>10</b> | <b>17</b>    |

Source: Contractor CHWE Monthly Progress Reports of September 2018.

Graphical Presentation of List of Equipment

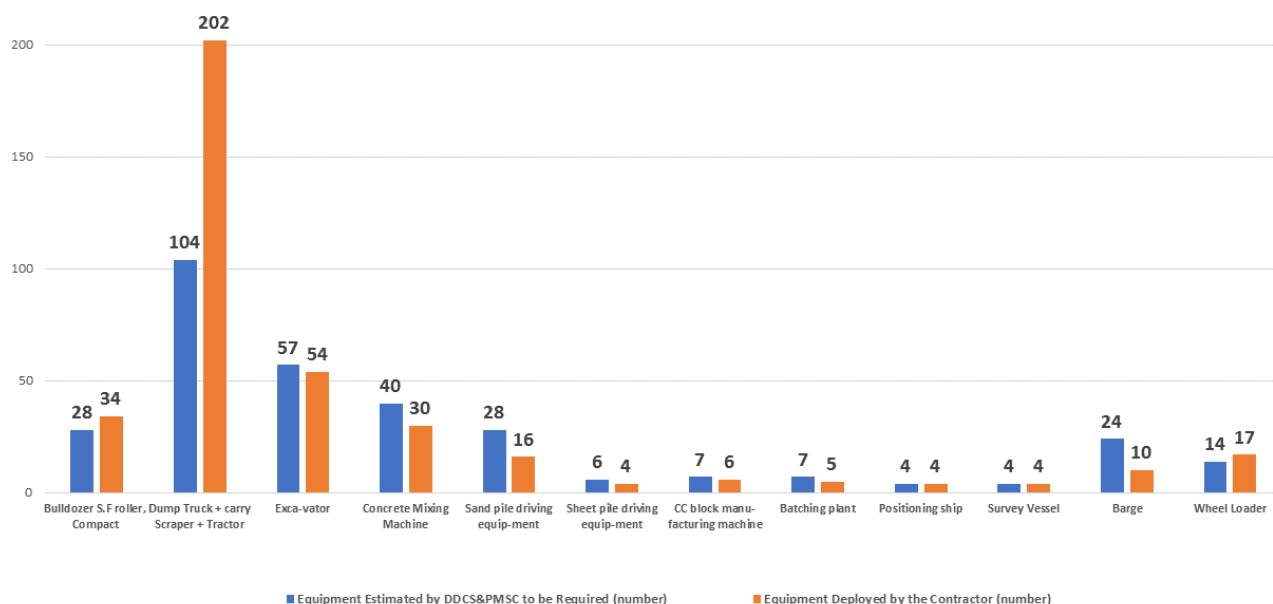


Figure 3: Package 01 Equipment Deployment

### 2.2.6.2 Works Contractor Package 2

| Background and Status Prior Quarter  | Current Quarter update  |
|--|---|
| <p>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.</p> <p>As background:<br/>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.<br/>Notice to commence was issued on 12 July 2017. Equipment has been ordered and deliveries are expected to commence in October 2017.</p> | <p>Pre-construction survey works and campsite construction are continuing. Automated CC block machines have been delivered and are being erected. 18.6 kms embankment has done. Work has commenced of on one drainage sluice in Polder 39/2C &amp; 8 Flushing sluices. 0.74 kms Slope Protection works have done.</p> |

Table 11: Manpower Mobilized by Package 02 Contractor

| SN           | Staff Category   | Total Nos. 30 June 2018 | Total Nos. 30 Sep 2018 | Patua-khali | 39/2C      | 40/2      | 41/1       | 43/2C    | 47/1      | 48         |
|--------------|------------------|-------------------------|------------------------|-------------|------------|-----------|------------|----------|-----------|------------|
| 1            | Management       | 0                       | 0                      | 0           | 0          | 0         | 0          | 0        | 0         | 0          |
| 2            | Technical Staff  | 3                       | 3                      | 2           | 0          | 1         | 0          | 0        | 0         | 0          |
| 3            | Operator/ Driver | 86                      | 86                     | 2           | 53         | 6         | 7          | 0        | 10        | 8          |
| 4            | Skilled Worker   | 78                      | 78                     | 0           | 30         | 13        | 20         | 0        | 6         | 9          |
| 5            | Laborers         | 560                     | 560                    | 4           | 276        | 25        | 121        | 0        | 40        | 94         |
| <b>Total</b> |                  | <b>727</b>              | <b>727</b>             | <b>8</b>    | <b>359</b> | <b>45</b> | <b>148</b> | <b>0</b> | <b>56</b> | <b>111</b> |

Source: Contractor CICO Monthly Progress Report, June and September 2018

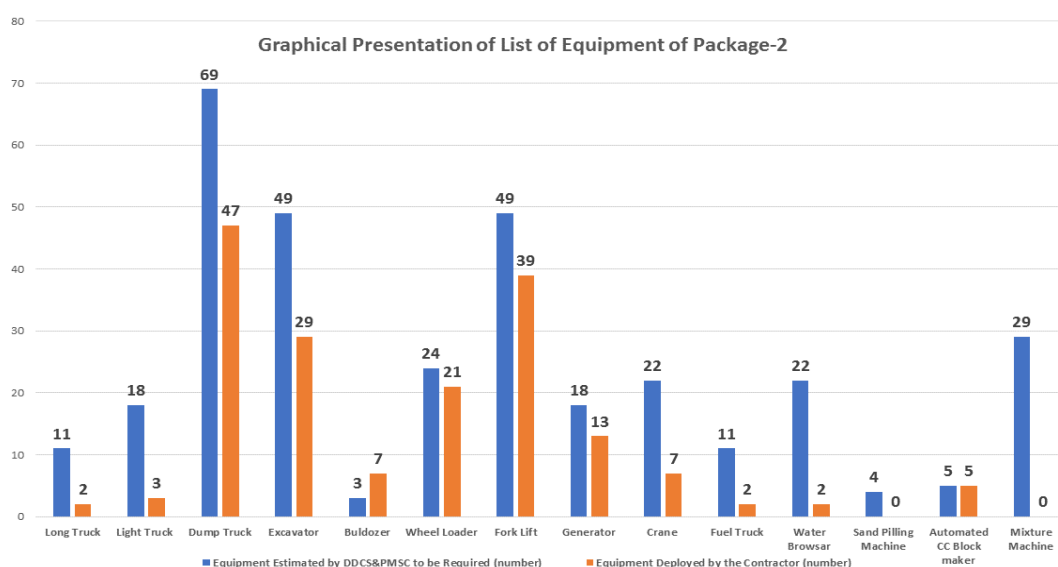
**Table 12: Equipment Requirements and Status – Package 02**

| SI No             | Des criptio                    | Specification  | Polder     |          |           |          |           |           | Total nos  | Remarks |
|-------------------|--------------------------------|----------------|------------|----------|-----------|----------|-----------|-----------|------------|---------|
|                   |                                |                | 39/2c      | 40/2     | 41/1      | 43/2C    | 47/2      | 48        |            |         |
| 1                 | 2                              | 3              | 4          | 5        | 6         | 7        | 8         | 9         | 10         | 11      |
| 1                 | Pick-up                        | Great Wall     | 1          |          | 1         |          | 1         |           | 3          |         |
| 2                 | Commercial Van                 | Toyota, Leased | 1          | 1        | 1         |          |           | 1         | 4          |         |
| 3                 | Hand Compactor                 |                | 1          |          |           |          |           |           | 1          |         |
| 4                 | Long Truck                     | Dong Feng      | 2          |          |           |          |           |           | 2          |         |
| 5                 | Light Truck                    | Toyota         | 1          |          |           |          | 1         | 1         | 3          |         |
| 6                 | Dump Truck                     | 10 T           | 29         |          | 8         |          | 10        |           | 47         |         |
| 7                 | Excavator                      | SANY-220C-9    | 2          |          | 7         |          | 6         | 9         | 24         |         |
|                   |                                | SANY-240C-9HD  | 2          | 1        |           |          | 1         | 1         | 5          |         |
| 8                 | Bulldozer                      | SD-16          |            |          | 2         |          | 2         | 1         | 5          |         |
|                   |                                | SD-22          |            |          | 1         |          |           | 1         | 2          |         |
| 9                 | Steel Roller                   | XS163J         |            |          | 1         |          | 1         | 1         | 3          |         |
| 10                | Wheel Loader                   | LW 500 FN      | 18         |          | 1         |          | 1         | 1         | 21         |         |
| 11                | Fork Lift                      |                | 39         |          |           |          |           |           | 39         |         |
| 12                | Generator                      | 10 KW          |            |          | 1         |          |           |           | 1          |         |
|                   |                                | 30 KW          | 2          |          |           |          |           | 1         | 3          |         |
|                   |                                | 50KW           |            |          |           |          | 1         |           | 1          |         |
|                   |                                | 85 KW          | 1          |          |           |          |           |           | 1          |         |
|                   |                                | 100 KW         |            |          | 2         |          |           | 1         | 3          |         |
|                   |                                | 124 KW         |            |          |           |          | 1         |           | 1          |         |
|                   |                                | 320 KW         | 1          |          |           |          |           |           | 1          |         |
| 526 KW            | 2                              |                |            |          |           |          |           | 2         |            |         |
| 13                | Water Pump                     | Diesel         | 5          |          | 2         |          |           |           | 7          |         |
| 14                | Concrete Mixer                 |                | 6          | 2        | 3         |          | 2         | 2         | 15         |         |
| 15                | Crane                          | 25 T           | 1          |          |           |          |           |           | 1          |         |
| 16                | Mobile Crane                   |                |            |          |           |          |           | 1         | 1          |         |
| 17                | Fuel Truck                     |                | 1          |          |           |          |           | 1         | 2          |         |
| 18                | Water Browsar                  |                | 1          |          |           |          |           | 1         | 2          |         |
| 19                | Sand Pilling Machine           |                | 2          |          | 2         |          |           |           | 4          |         |
| 20                | CC Block Manufacturing Machine |                | 5          |          |           |          |           |           | 5          |         |
| <b>Total Nos.</b> |                                |                | <b>123</b> | <b>4</b> | <b>32</b> | <b>0</b> | <b>30</b> | <b>20</b> | <b>209</b> |         |

**Table 13: Equipment Deployed by Package 02 Contractor as of 30 September 2018**

| Name of Polder | Equipment Deployed by the Contractor (number) |            |                        |                 |                  |       |            |              |                              |                             |            |       |               |                   |                                  |                 |
|----------------|---|------------|------------------------|-----------------|------------------|-------|------------|--------------|------------------------------|-----------------------------|------------|-------|---------------|-------------------|----------------------------------|-----------------|
|                | Exca- vator                                   | Dump Truck | Bull- dozer and Roller | Flat- bed Truck | Truck with crane | Crane | Pay loader | Water Bowser | Sheet pile driving equipment | Sand pile driving equipment | Fork- lift | Barge | Survey Vessel | Positi oning 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          | 4   | 8          | 0                      | 3               | 1                | 1     | 4          | 0            | 0                            | 2                           | 39         | 0     |               | 0                 | 5                                | 6               |
| 40/2           | 3   | 12         | 1                      | 1               | 0                | 0     | 3          | 1            | 0                            | 0                           | 0          | 0     |               | 0                 | 0                                | 2               |
| 41/1           | 5   | 12         | 2                      | 2               | 1                | 0     | 4          | 0            | 0                            | 4                           | 0          | 0     |               | 0                 | 0                                | 3               |
| 42/3C          | 0   | 0          | 0                      | 0               | 0                | 0     | 0          | 0            | 0                            | 0                           | 0          | 0     |               | 0                 | 0                                | 0               |

| Name of Polder             | Equipment Deployed by the Contractor (number) |               |                                 |                       |                        |       |               |                 |  |   |               |       |                  |                         |   |                    |
|----------------------------|---|---------------|---------------------------------|-----------------------|------------------------|-------|---------------|-----------------|--|---|---------------|-------|------------------|-------------------------|---|--------------------|
|                            | Exca-<br>vator                                | Dump<br>Truck | Bull-<br>dozer<br>and<br>Roller | Flat-<br>bed<br>Truck | Truck<br>with<br>crane | Crane | Pay<br>loader | Water<br>Bowser | Sheet<br>pile<br>driving<br>equip-<br>ment | Sand<br>pile<br>driving<br>equip-<br>ment | Fork-<br>lift | Barge | Survey<br>Vessel | Positi<br>oning<br>ship | CC block<br>manu-<br>facturing<br>machine | Mixture<br>Machine |
| 47/2                       | 11  | 10            | 3                               | 2                     | 0                      | 0     | 3             | 1               | 0  | 0   | 0             | 0     | 0                | 0                       | 0   | 2                  |
| 48                         | 8   | 27            | 3                               | 3                     | 1                      | 0     | 7             | 2               | 0  | 0   | 0             | 0     | 0                | 0                       | 0   | 2                  |
| <b>Total<br/>30 Sep 18</b> | 31  | 69            | 9                               | 11                    | 3                      | 1     | 21            | 4               | 0  | 6   | 39            | 0     | nr               | 0                       | 5   | 15                 |
| <b>Total<br/>31 Jun 18</b> | 31  | 69            | 9                               | 11                    | 3                      | 1     | 21            | 4               | 0  | 6   | 39            | 0     | nr               | 0                       | 5   | 15                 |



**Figure 4: Package 02 Equipment Deployment**

Source: DDCS&PMS Consultant Monthly Progress Report and CICO Contractor Monthly Progress Report, September 2018.

### 2.2.6.3 Works Contractor Package 3

Not yet contracted and may be deferred to a future project unless additional financing secured.

### 2.2.7 Third Party M&E Consultants

| Background and Status Prior Quarter   | Current Quarter update                                |
|---|---|
| <p>As background, the M&amp;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&amp;E Consultants signed the contract on 01 October 2015 and mobilized on 01 November 2015. All of the key staff have been mobilized. One national expert, the Environmental Specialist, became unavailable and a candidate was proposed as his replacement in August 2016 and subsequently approved.</p> <p>A budget-neutral contract modification was approved.</p> | <p>No change in input levels, staff or resources.</p> |

**Table 14: M&E Consultants Staff Utilization as of 30 September 2018 (Month 35 of 60)**

| <b>Key Experts- International</b> |  |   | Total<br>PM | Utilized<br>PM | Remaining<br>PM | Percent<br>Utilized |
|-----------------------------------|--|---|-------------|----------------|-----------------|---------------------|
| 1                                 | Jan T. Twarowski                                 | Team Leader cum<br>Economist                              | 25          | 18.09          | 6.91            | 72%                 |
| 2                                 | Michael Dembinski                                | M&E Specialist  | 8           | 4.27           | 3.73            | 53%                 |
| 3                                 | Abu H. Murshid                                   | Environmental Specialist                                  | 9           | 2.86           | 6.14            | 32%                 |
| 4                                 | Mike Tyson-Taylor                                | Social Safeguards Specialist                              | 10          | 2.32           | 7.68            | 23%                 |
| <b>Total</b>                      |  |   | <b>52</b>   | <b>27.54</b>   | <b>24.46</b>    | <b>53%</b>          |
| <b>Key Experts-National</b>       |  |   |             |                |                 |                     |
| 1                                 | Md. Mahidur Rahman Khan                          | Deputy Team Leader/GIS<br>Information Management<br>Spec. | 30          | 14.50          | 15.50           | 48%                 |
| 2                                 | A.B.M Murshed Alam<br>Siddiqui                   | Agric. Economist/M&E<br>Specialist                        | 18          | 6.00           | 12.00           | 33%                 |
| 3                                 | A.K.M Rezaul Hoque Khan<br>A.K.M Mizanur Rahaman | Environmental Specialist                                  | 18          | 15.00          | 3.00            | 83%                 |
| 4                                 | Md. Mizanur Rahman                               | Social Safeguards Specialist                              | 18          | 9.95           | 8.05            | 55%                 |
| 5                                 | Md. Badiuzzaman                                  | Information Mgmt<br>Specialist                            | 18          | 8.48           | 9.52            | 47%                 |
| 6                                 | H.S. Mozzaddad Faruque                           | Water Resources Engineer                                  | 10          | 4.41           | 5.59            | 44%                 |
| <b>Total</b>                      |  |   | <b>112</b>  | <b>58.33</b>   | <b>53.67</b>    | <b>52%</b>          |

The utilization rate of the key international staff stands at 53% and key national staff at 52%. This rate of utilization is not unexpected, but there will be a need to adjust the level of effort due to changes in the scope of services as has been explained in the Inception Report and the M&E Framework and Strategy and note in the MTR Aide Memoire. The elapsed time of the M&E Consultant's contract as of this reporting period is 35 of 60 months, amounting to 58.33% of the consultancy contract's duration which runs through October 2020.

## 2.3 Procurement

There are 23 procurement packages under services – six packages for firms and 17 for individual consultants. For the six packages to be contracted out to firms, three have been contracted – namely, DDSC&PMS Consultants, Third-Party M&E Consultants and the Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone; and another one is in process subdivided into 5 packages – the Consultancy for Social Afforestation, SAP and WMOs (now with Social Afforestation re-assigned to the Department of Forestry). The package for Feasibility Studies and Preparation of next phases of CEIP-1, the TOR has been prepared and is under review. Finally, the Consultancy for Institutional Capacity Building, TA & training to BWDB personnel will be converted into training at renowned national institutes in Bangladesh.

Of the 17 consultancy packages for individuals, 12 are in place – one consultant (Communications Officer) joined during the quarter, one consultant (Sr. Environmental Specialist) declined to renew his contract, 1 IPoE contract is completed and not being renewed and recruitment for 3 new IPoE positions is being deferred indefinitely. In sum, only 13 consultant positions are to be filled and there is one vacancy among individual consultants – the Sr. Environmental Specialist.

The following two tables summarize the procurement activities for services during the quarter. Annex 5.1 provides the detailed status and plans on procurement of services contracts – both for firms and individual consultants.

**Table 15: Procurement Status – Consulting Firm Services**

| SI        | Package Name (abridged)   | Method | Package No.        | Status 30 Jun 2018   | Status 30 Sep 2018  |
|-----------|---|--------|--------------------|--|---|
| <b>1</b>  | Consultancy for (a) Social Action Plan (including WMOs), (b) Social afforestation and (c) Integrated Pest Management Plan | CQS    | CEIP-1/A2 & B1/S01 | The DCs of 3 districts (Khulna, Bagerhat and Pirojpur) have given NGO nominations for the package. Evaluation of NGOs qualification has been done.<br>The DC, Patuakhali was requested on 07 February 2018, to furnish required numbers of effective NGOs, but yet to be received.<br>Fresh REoI will be invited after obtaining additional list of effective NGOs from DC, Barguna. |   |
| <b>1A</b> | P32 & P33<br>Khulna District  | CQS    | S01-A              |  | Evaluation Report of Technical Proposal was sent to WB 01 October 2018 for review and comments.           |
| <b>1B</b> | P35/1 & P35/3<br>Bagerhat District  | CQS    | S01-B              |  | Evaluation Report of Technical Proposal was sent to WB 01 October 2018 for review and comments.           |
| <b>1C</b> | P39/2C<br>Pirojpur District   | CQS    | S01-C              |  | 1 <sup>st</sup> ranked NGO was issued RFP 25 July 2018 with submission deadline of 19 August 2018, but it |



| SI | Package Name (abridged)   | Method | Package No.                   | Status 30 Jun 2018  | Status 30 Sep 2018   |
|----|---|--------|-------------------------------|---|--|
|    |   |        |                               |   | did not submit a proposal. After following required procedures, the 2 <sup>nd</sup> ranked NGO was issued an RFP on 25 September 2018. Proposal due date was 21 October 2018. The 2nd rank NGO submitted a proposal. Technical Proposal was evaluated and the TER was sent to Board on 31-10-2018 for approval.  |
| 1D | P40/2 & P41/1<br>Barguna District   | CQS    | S01-D                         |   | Only 2 EoIs received on 22 Nov 2017. Per WB Procurement Guidelines, a fresh Eol was invited. DC Barguna was requested to furnish a list of additional capable NGOs on 26 July with reminder on 09 September 2018. Additional list of NGOs was received form DC, Barguna. REoIs were issued to the listed NGOs on 23-10-2018 with submission deadline of Eol is 15 November 2018. |
| 1E | P43/2C, P47/2 &<br>P48 Patuakhali<br>District   |        |                               |   | DC Patuakhali provided list of capable NGOs on 07 July 2018 and 05 September 2018. Some clarifications were required. REoIs were issued to the listed NGOs on 23-10-2018 with submission deadline of Eol is 15 November 2018.  |
| 2  | Consultancy for<br>Detailed Design,<br>Construction<br>Supervision &<br>Project<br>Management<br>Support, EIA and<br>RAP (DDCS&PMS) | QBS    | CEIP-<br>1/B2, B3<br>& C1/S02 | Done.   | Done.  |
| 3  | Third Party M&E<br>Consultants for<br>Overall Project<br>Implementation   | QBS    | CEIP-<br>1/C2/S03             | Done.   | Done.  |
| 4  | Long-Term<br>Monitoring,<br>Research and<br>Analysis of<br>Bangladesh Coastal<br>Zone   | QBS    | CEIP-<br>1/C3/S04             | Tax obligation of the Consultant as per RFP, delayed the procurement process that was solved in the meeting held on September 30, 2017. Fresh draft Contract was signed on May 2018 and received "NoL" from World Bank. The Purchase Proposal is now under review by Ministry of Water Resources (MoWR). The Consultant has extended the validity of the proposal | Government of Bangladesh approved the Contract on recommendation of CCGP in its meeting of 12 September 2018. Contract signed on 04 October 2018.  |

| SI                       | Package Name (abridged)   | Method | Package No.   | Status 30 Jun 2018  | Status 30 Sep 2018  |
|--------------------------|---|--------|---------------|---|---|
| up to 30 September 2018. |   |        |               |   |   |
| 5                        | Consultancy for Institutional Capacity Building, TA & training to BWDB personnel      | QBS    | CEIP-1/D2/S22 | It is planned to use this provision for training purposes of BWDB officer in different renowned Training Institutes in home and abroad. | Same.   |
| 6                        | Consultancy for Feasibility Studies and preparation of design for next Phases of CEIP | QBS    | CEIP-1/D3/S23 | Draft final TOR prepared and under review by Board.   | ToR of this contract is now under review by the Board. It is intended to get this service done through the Consultant of Contract No.CEIP-1/C3/S4. In the inception meeting possibility will be explored. |

Source: PMU

**Table 16: Procurement Status – Individual Consultant Services**

| S. No. | Package Name (abridged)                            | Package No.   | Background   | Status 30 Jun 2018  | Status 30 Sep 2018  |
|--------|--|---------------|--|---|---|
| 1      | International Procurement Expert (Panel Chair)     | CEIP-1/D1/S05 | Consultant in place since 25 Nov 2013  | 3rd time extension up to 28 February 2018 with increase of inputs by 50 days has been approved.   | No further extension is planned as procurement activities are nearly completed.   |
| 2      | International Technical Expert (Procurement Panel) | CEIP-1/D1/S06 | First consultant Daniel Thirion in place from 05 Mar 2014 to 04 Mar 2015. Agreement between BWDB and Mr. I A Khan was signed on 13 April, 2015.                  | Contract expired 31 Mar 2018.   | No further extension is planned as procurement activities are nearly completed.   |
| 3      | Procurement Expert – national (Procurement Panel)  | CEIP-1/D1/S07 | Consultant Mr. Aminul Haque in place since 25 Nov 2013 with two year contract. New contract signed on 14 June 2016 for 32 months of additional input.            | In place. Contract expires 30 June 2018.  | No further extension is planned as procurement activities are nearly completed.   |
| 4      | PMU Procurement Specialist – national              | CEIP-1/D1/S08 | Consultant in place since 21 Nov 2013. Contract renewed and effective for 12 months through Oct 2017.  | In place. Another contract was signed with Mr. A.K.M. Bodruddoza on SSS Method, for a period of 12 months commencing from 01 November 2017. | 3rd Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2018. Another contract for a period on 18 months is in process. |
| 5      | PMU Financial Management Specialist – national     | CEIP-1/D1/S09 | Consultant Mr. Nasser Ahmed commenced 02 Mar 2015 and resigned 29 Feb 2016. Negotiation with 3rd ranked candidate Mr. Michael Gomes was carried out by PEC on 06 | In place  | Same.   |

| S. No. | Package Name (abridged)                     | Package No.   | Background  | Status 30 Jun 2018  | Status 30 Sep 2018  |
|--------|---|---------------|---|---|---|
|        |   |               | April 2017 and contract signed on 24-04-2017.   |   |   |
| 6      | PMU Sr. Environmental Specialist – national | CEIP-1/D1/S10 | Consultant in place since 13 Apr 2015. Contract expired 31 Oct 2016. Contract renewed and effective to June 2018. | Contract with Dr. Asadul Alam ended on 19 June 2018. Another contract with Dr. Md. Asadul Alam on SSS Method, for a period of 24 months is under process. | Another contract with Dr. Md. Asadul Alam on SSS Method, for a period of 24 months was processed. Draft contract was signed on 09 July 2018 and NoA was issued on 25 July 2018. Last date of signing of the Contract was August 01, 2018. The Consultant applied for extension of time for signing the Contract up to September 30, 2018, which was allowed. But 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 process. |
| 7      | PMU Sr. Social Specialist – national        | CEIP-1/D1/S11 | Consultant Mr. Hasanur Rahman in place from 02 Oct 2014 to 03 Jan 2017. Replacement signed contract.              | In place Mr. Md. Mustafizur Rahman  | Same.   |
| 8      | PMU Sr. Forestry Specialist - national      | CEIP-1/D1/S12 |   | In place  | In place  |
| 9      | PMU Communications Officer - national       | CEIP-1/D1/S13 | Three rounds of recruitment took place.   | Contract with 3 <sup>rd</sup> ranked candidate Mr. Kamal Najmus Salehin was negotiated on 10 April 2018 and contract signed on 01 July 2018.              | In place  |
| 10     | PMU Sr. Revenue Officer                     | CEIP-1/D1/S14 | Consultant in place since 12 Aug 2014.  | Contract expired 22 Jun 2018. Another contract with Mr. M.A. Saleque on Single Source Selection (SSS) Method for a period of 15 months is in process.     | Another contract with Mr. M.A. Saleque on Single Source Selection (SSS) Method for a period of 15 months was processed. Contract signed on 25 July 2018.  |
| 11     | PMU/Field - Social Specialist/ Economist    | CEIP-1/D1/S15 |   | In place  | In place  |

| S. No. | Package Name (abridged)  | Package No.   | Background  | Status 30 Jun 2018                      | Status 30 Sep 2018                           |
|--------|--|---------------|---|---|--|
| 12     | PMU/Field – Environmental Specialist                                     | CEIP-1/D1/S16 | Vacant  | In place                                | In place                                     |
| 13     | IPOE Coastal Morphologist & Sediment/Tidal Management Expert             | CEIP-1/D1/S17 | TOR for IPOE panel revised to better support CEIP-1.  | Evaluation in process.                  | The procurement of this service is deferred. |
| 14     | IPOE Hydrodynamics and Coastal Modelling Expert                          | CEIP-1/D1/S18 | TOR for IPOE panel revised to better support CEIP-1.  | Evaluation in process.                  | The procurement of this service is deferred. |
| 15     | IPOE Design Expert in Embankment and Hydraulic Structures                | CEIP-1/D1/S19 | TOR for IPOE panel revised to better support CEIP-1.  | Evaluation in process.                  | The procurement of this service is deferred. |
| 16     | IPOE for Social Expert   | CEIP-1/D1/S20 |   | In place                                | In place                                     |
| 17     | IPOE for Environment, Water Management and Polder Expert                 | CEIP-1/D1/S21 | Consultant in place since 23 March 2015.  | In place. Contract needs to be renewed. | Contract completed                           |
| 18     | Accounting and Financial Management System Specialist (AFMSS) – national | CEIP-1/D1/S24 | TOR prepared, submitted to WB and NOL received 14 Feb 2016. Three (3) CVs received 10 Mar 2016. Evaluation ongoing. | Dropped                                 | Dropped                                      |
| 19     | Information Technology Specialist (ITS) - national                       | CEIP-1/D1/S25 | TOR prepared, submitted to WB and NOL received 14 Feb 2016. Three (3) CVs received 10 Mar 2016. Evaluation ongoing. | Dropped                                 | Dropped                                      |

Source: PMU

The following table summarizes the procurement activities for works during the quarter. Annex 5.2 provides the detailed status and plans on procurement of works contracts.

**Table 17: Procurement Status – Works**

| Sl | Package Name (abridged)   | Method | Package No. | Background   | Status 30 Jun 2018   | Status 30 Sep 2018  |
|----|---|--------|-------------|--|----------------------|---|
| 1  | Rehabilitation/Reconstruction and Upgrading of Polder 32, 33, 35/1 and 35/3 | ICB/PQ | CEIP-1/W-01 | Contract signed 01 Nov 2015 and contractor has mobilized. Official commencement date is 26 Jan 2016.       | Contractor in place. | Contractor in place. New Work Program extends time by 17 months to June 2020. |
| 2  | Rehabilitation/Reconstruction and Upgrading of Polder 39/2C, 40/1, 40/2,    | ICB/PQ | CEIP-1/W-02 | Tender documents submitted to WB on 14 Oct and 19 Nov 2015; WB issues NOL on 03 Dec 2015; IFB issued on 04 | Contractor in place. | Contractor in place.  |

|   |   |       |             |     |   |
|---|---|-------|-------------|-----|---|
|   | 43/2C, 47/2 and 48  |       |             |     | Dec 2015 with deadline of 28 Jan 2016. Deadline extended three times until 24 Mar 2016. Seven (7) bids received. Bid Evaluation Report sent to the World Bank on 19 Jun 2016 for review /concurrence. |
| 3 | Rehabilitation/Reconstruction and Upgrading of Polder 14/1, 15, 16, 17/1, 17/2, 23 and 34/3 | ICBPQ | CEIP-1/W-03 | N/A | Due to shortfall of funds, dropping this package is under discussion.   |

Source: PMU

Table 18 below summarizes the procurement status of goods. Annex 4.3 provides the details on goods (office equipment, vehicles, etc.) procured under the project. A new procurement plan was prepared and submitted to the World Bank on 27 February 2017. It includes seven additional packages to be procured starting fiscal year 2017/2018 – packages G-08 through G-14 – covering vehicles, office equipment and engineering equipment.

**Table 18: Procurement Status – Goods**

| S. No. | Package Name (abridged)  | Method        | Package No.  | Background  | Status 30 Jun 2018                   | Status 30 Sep 2018     |
|--------|--|---------------|--------------|---|--------------------------------------|------------------------|
| 1      | Motor Vehicles<br>a) 4-WD Jeep/Cross Country (Total 10 Nos.)<br>b) Micro Bus-(Total 1 No.) | NCB (was ICB) | CEIP-1/ G-01 | Procurement completed. Micro-Bus delivered November 2015. Ten 4-WD vehicles delivered on 04 Feb 2016. | Procurement completed.               | Procurement completed. |
| 2      | Motor cycles   | NCB           | CEIP-1/ G-02 | Procurement completed. Motor cycles delivered 22 Nov 2015.  | Procurement completed.               | Procurement completed. |
| 3      | Speed boat with engine and other accessories (5 nos.)                                      | NCB           | CEIP-1/ G-03 | Newly added to procurement plan.  | Planned to procure by February 2019. | Same                   |
| 4      | Desktop Computer, Laptop, Printer, & UPS with Accessories                                  | NCB           | CEIP-1/ G-04 | Procurement completed. Goods delivered 29 June 2014.  | Procurement completed.               | Procurement completed. |
| 5      | Engineering Equipment: a) Leveling Equipment (5 nos.);<br>b) Total Station (3 nos.)        | NCB           | CEIP-1/ G-05 | Procurement completed. Goods delivered 22 Nov 2015.   | Procurement completed.               | Procurement completed. |
| 6      | Office Equipment   | NCB           | CEIP-1/ G-06 | Procurement completed. Goods delivered 29 June 2014.  | Procurement completed.               | Procurement completed. |
| 7      | Office Furniture   | NCB           | CEIP-1/ G-07 | Procurement completed   | Procurement completed.               | Procurement completed. |

| S. No. | Package (abridged)   | Name | Method | Package No.  | Background                       | Status 30 Jun 2018  | Status 30 Sep 2018  |
|--------|--|------|--------|--------------|----------------------------------|---|---|
| 8      | Motor Vehicles   |      | ICB    | CEIP-1/ G-08 | Newly added to procurement plan. | Planned to procure by January 2019  | Specifications prepared. Formal concurrence form WB will sought soon.   |
| 9      | Motor cycles   |      | NCB    | CEIP-1/ G-09 | Newly added to procurement plan. | Planned to procure by December 2018.  | Planned to procure by December 2018. But procurement process is yet to start.   |
| 10     | Speed Boat and accessories   |      | NCB    | CEIP-1/ G-10 | Newly added to procurement plan. | Program revised. Planned to procure by August 2019.   | Program revised. Planned to procure by August 2019. But procurement process is yet to start.  |
| 11     | Computer equipment (laptops, desktops, printers, UPS, IPS with ancillaries)      |      | NCB    | CEIP-1/ G-11 | Newly added to procurement plan. | Procurement completed.  | Procurement completed.  |
| 12     | Engineering equipment – levelling instrument                                     |      | NCB    | CEIP-1/ G-12 | Newly added to procurement plan. | Planned to procure by June 2019.  | Same  |
| 13     | Multi-media Projectors, Air coolers, Photocopier, Fax, Scanner, Binding machines |      | NCB    | CEIP-1/ G-13 | Newly added to procurement plan. | Planned to procure by June 2019.  | Same  |
| 14     | Micro-bus  |      |        | CEIP-1/ G-14 | Newly added to procurement plan. | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). Planned to procure by January 2019. | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). Planned to procure by January 2019. But procurement process is yet to start |

Source: PMU

### 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 March 2018.

###### Contractor Main Offices and Site Offices/Camp Sites

| Background and Status Prior Quarter  | Current Quarter update  |
|--|---|
| <ul style="list-style-type: none"> <li>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.</li> <li>Earlier, the Contractor has set up a functioning laboratory at BWDB’s Numagar premises in Khulna.</li> <li>Warehouse facilities for storage of cement and other perishable material has been put in place in each polder.</li> </ul> | Done.   |
| CC block manufacturing machines – 5 fully operational  | 5 automatic machines fully operational (the manual machines are not in production any more) |

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

**Table 19: Number of Manual and Automated CC Block Machines by Location**

| SN       | Location by Type                        | Number in Production | Number not in Production |
|----------|---|----------------------|--------------------------|
| <b>1</b> | <b>Manual Process Yards</b>             |                      |                          |
| 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)   |                      | 1 set                    |
| <b>2</b> | <b>Automated CC Block Machine Yards</b> |                      |                          |
| 2.1      | Polder 32 (Khulna)                      | 2                    |                          |
| 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       | 5                    |                          |

Source: Contractor (CHWE) monthly progress reports

### Pre-Construction Survey Works

Pre-construction surveys were done for an additional 22 hydraulic structures during the quarter.

Table 20: Pre-Construction Cross-Section Survey Works Summary-30 September 2018 **Error! Not a valid link.**

| SN           | Polder | Embankment (km) |                |             |               | Hydraulic Structures (no) |                |             |               | Bank Protection (km) |                |             |               | Drainage Channels (km) |                |             |               |
|--------------|--------|-----------------|----------------|-------------|---------------|---------------------------|----------------|-------------|---------------|----------------------|----------------|-------------|---------------|------------------------|----------------|-------------|---------------|
|              |        | Contract Qty.   | Completed Qty. | % Completed | Approved Qty. | Contract Qty.             | Completed Qty. | % Completed | Approved Qty. | Contract Qty.        | Completed Qty. | % Completed | Approved Qty. | Contract Qty.          | Completed Qty. | % Completed | Approved Qty. |
| 1            | 32     | 49.50           | 49.7           | 100%        | 49.666        | 10                        | 10             | 100%        | 10            | 2.0                  | 2.0            | 100%        | 2.0           | 17.5                   | 17.5           | 100%        | 17.5          |
| 2            | 33     | 52.05           | 49.3           | 95%         | 49.316        | 24                        | 19             | 79%         | 17            | 1.7                  | 1.7            | 100%        | 1.4           | 63.2                   | 50.0           | 79%         | 22.2          |
| 3            | 35/1   | 62.00           | 61.6           | 99%         | 61.625        | 32                        | 29             | 91%         | 29            | 1.5                  | 1.5            | 100%        | 1.5           | 70.5                   | 50.0           | 71%         | 50.0          |
| 4            | 35/3   | 40.00           | 39.8           | 100%        | 39.825        | 14                        | 14             | 100%        | 14            | 2.5                  | 0.45           | 18%         | 0.5           | 2.0                    | 2.0            | 100%        | 2.0           |
| 30 Sep 2018  |        | 203.55          | 200.4          | 99%         | 200.4         | 80                        | 72             | 92%         | 70            | 7.7                  | 5.65           | 80%         | 5.4           | 153.21                 | 119.5          | 88%         | 91.7          |
| 30 June 2018 |        | 203.55          | 200.4          | 99%         | 200.4         | 80                        | 72             | 92%         | 70            | 7.7                  | 5.65           | 80%         | 5.4           | 153.21                 | 119.5          | 88%         | 91.7          |

Source: Contractor (CHWE) Monthly Progress Reports of June 2017, June 2018 and September 2018.

### 3.1.1.2 GC Sub-Clause 8.3 Work Program

| Background and Status Prior Quarter   | Current Quarter update  |
|---|---|
| <p>Contractor is working on a revised work program, which involves many inter-related issues. Still in process of discussion with DDCS&amp;PMS Consultants.</p> <p>Background:<br/>In November and December 2015, the Contractor submitted their work program officially. After many iterations, giving particular attention to work methods and procurement schedule, a work program was finally approved by the Engineer on 24 August 2016. The Engineer (DDCS&amp;PMS Consultant) has requested and finally received in September 2017 a revised work program from the Contractor, but it was not supported by sufficient detailed planning and therefore cannot be relied upon. An improved and well supported work program has been requested.</p> | <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.</p>   |
| <p>The Contractor has not adhered to the program and overall progress stands at 51% compared to the planned 94% level as of 30 June 2018 (and 45% level planned for June 2017).</p>   | <p>Overall progress stands at 53.81% per DDCS&amp;PMS Consultants. Given that the revised Work Program builds from the actual achievement to date, this degree of progress is by definition as per plan at this time.</p> |



### 3.1.1.3 Embankment Works

Fully completed embankment totals 44.85 kms which is 44.25 kms as it was on 30 June 2018 given the rains. See Table 21.

**Table 21: Package 01 Progress on Embankment Re-sectioning/Retired in kms**

| Polder       | Target       | As of 30 Jun 2018            |                  |                   | As of 30 Sep 2018            |                  |                   |
|--------------|--------------|------------------------------|------------------|-------------------|------------------------------|------------------|-------------------|
|              |              | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) | Length of Working Area (kms) | Fully Done (kms) | In Progress (kms) |
| 32           | 49.5         | 28.70                        | 12.22            | 16.48             | 28.85                        | 11.86            | 16.99             |
| 33           | 52.05        | 28.13                        | 13.27            | 14.86             | 44.22                        | 14.96            | 29.26             |
| 35/1         | 62.3         | 39.49                        | 4.89             | 34.60             | 38.32                        | 4.53             | 33.79             |
| 35/3         | 40           | 32.57                        | 13.86            | 18.71             | 33.07                        | 13.5             | 19.57             |
| <b>Total</b> | <b>203.9</b> | <b>128.88</b>                | <b>44.25</b>     | <b>84.63</b>      | <b>144.44</b>                | <b>44.95</b>     | <b>99.59</b>      |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.

The earthwork progress totals 58.94% which is same as it was 30 June 2018.

**Table 22: Package 01 Progress on Embankment Earthwork in m3**

| Polder       | Contract Length (km) | Contract Qty (000 m3) | 30-Jun-18       |               | 30-Sep-18        |               |
|--------------|----------------------|-----------------------|-----------------|---------------|------------------|---------------|
|              |                      |                       | Qty (000 m3)    | % Done        | Qty (000 m3)     | % Done        |
| 32           | 49.50                | 1,253.700             | 683.609         | 54.53%        | 683.609          | 54.53%        |
| 33           | 52.05                | 999.327               | 606.254         | 60.67%        | 606.254          | 60.67%        |
| 35/1         | 62.30                | 2,438.657             | 1148.531        | 47.10%        | 1,148.531        | 47.10%        |
| 35/3         | 40.00                | 1,186.900             | 1026.208        | 86.46%        | 1,026.208        | 86.51%        |
| <b>Total</b> | <b>203.85</b>        | <b>5,878.584</b>      | <b>3464.602</b> | <b>58.94%</b> | <b>3,464.602</b> | <b>58.94%</b> |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.

### 3.1.1.4 Drainage Sluices and Flushing Inlets

While the target of completing construction of 52 sluice gates within the second dry season (2017/2018) was not reached, progress has clearly picked up during the last year. In the current quarter, weighted progress has increased from a level of 53.75% in June 2018 to 58.75% in September 2018. This is a very positive achievement.

**Table 23: Summary of Number of Hydraulic Structures in Progress by Polder**

| Polder | Structure Type    | Contract Quantity (no.) | 30-Jun-18 |                     | 30-Sep-18 |                     |
|--------|-------------------|-------------------------|-----------|---------------------|-----------|---------------------|
|        |                   |                         | Number    | Weighted % complete | Number    | Weighted % complete |
| 32     | DS                | 8                       | 7         | 62.50%              | 7         | 75.00%              |
|        | FS                | 2                       | 0         | 0.00%               | 0         | 0.00%               |
| 33     | DS                | 12                      | 11        | 83.33%              | 11        | 83.33%              |
|        | FS                | 12                      | 4         | 16.67%              | 4         | 16.67%              |
| 35/1   | DS                | 15                      | 11        | 57.14%              | 12        | 66.67%              |
|        | FS                | 17                      | 9         | 52.94%              | 9         | 52.94%              |
| 35/3   | DS                | 4                       | 4         | 75.00%              | 4         | 75.00%              |
|        | FS                | 10                      | 8         | 60.00%              | 9         | 70.00%              |
| Total  | DS                | 39                      | 33        | 66.67%              | 34        | 74.36%              |
|        | FS                | 41                      | 21        | 41.46%              | 22        | 43.90%              |
|        | <b>Both DS+FS</b> | <b>80</b>               | <b>54</b> | <b>53.75%</b>       | <b>56</b> | <b>58.75%</b>       |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.

Details of the work progress of hydraulic structures are shown in Table 24.

**Table 24: Status of Package 01 Drainage and Flushing Sluices under Construction**

| Polder | No.      | Location        | Coffer dam            | Found Exc   | Dewatering  | Sand Pile /Sand Fill | Sheet Pile  | RC           | Protection & Gate | Back Fill   | Diversion Channel | Total Percent this Qtr | Prior Qtr Total |
|--------|----------|-----------------|-----------------------|-------------|-------------|----------------------|-------------|--------------|-------------------|-------------|-------------------|------------------------|-----------------|
|        |          | <b>Weight →</b> | <b>1.0%</b>           | <b>4.0%</b> | <b>5.0%</b> | <b>5.0%</b>          | <b>9.0%</b> | <b>51.0%</b> | <b>13.0%</b>      | <b>7.0%</b> | <b>5.0%</b>       | <b>100.0%</b>          | <b>100%</b>     |
| 32     | DS-16    | Km14+305        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 0.0%              | 95.0%                  | 95.0%           |
|        | DS-01    | Km18+810        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 0.0%              | 95.0%                  | 95.0%           |
|        | DS-02    | Km24+100        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 0.0%              | 95.0%                  | 95.0%           |
|        | DS-08    | Km39+950        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 5.0%        | 0.0%              | 93.0%                  | 88.0%           |
|        | DS-10    | Km2+960         | 1.0%                  | 4.0%        | 3.0%        | 5.0%                 | 9.0%        | 0.0%         | 0.0%              | 0.0%        | 0.0%              | 22.0%                  | 22.0%           |
|        | DS-07    | Km35+830        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 0.0%              | 95.0%                  | 88.0%           |
|        | DS-09    | Km45+506        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 0.0%              | 95.0%                  | 95.0%           |
|        |          |                 | <b>Sub Total(A) =</b> |             |             |                      |             |              |                   |             |                   | <b>5.90</b>            | <b>5.78</b>     |
| 33     | DS-08    | Km32+570        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 99.0%           |
|        | DS-03    | Km11+040        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 10.0%             | 7.0%        | 2.0%              | 94.0%                  | 92.0%           |
|        | DS-11    | Km41+800        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 98.0%           |
|        | FS-15    | Km42+870        | 1.0%                  | 0.0%        | 0.0%        | 0.0%                 | 0.0%        | 0.0%         | 0.0%              | 0.0%        | 0.0%              | 1.0%                   | 1.0%            |
|        | DS-09    | Km39+709        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 98.0%           |
|        | DS-01    | Km3+500         | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 98.0%           |
|        | DS-02    | Km5+800         | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 92.0%           |
|        | FS-17    | Km45+950        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 98.0%           |
|        | DS-04    | Km13+747        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 92.0%           |
|        | DS-12    | Km44+019        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 2.0%              | 97.0%                  | 88.0%           |
|        | DS-13    | Km47+240        | 1.0%                  | 4.0%        | 5.0%        | 5.0%                 | 9.0%        | 51.0%        | 13.0%             | 7.0%        | 5.0%              | 100.0%                 | 92.0%           |
|        | DS-06    | Km20+510        | 0.5%                  | 1.0%        | 0.0%        | 0.0%                 | 0.0%        | 0.0%         | 0.0%              | 0.0%        | 0.0%              | 1.5%                   | 1.5%            |
| DS-07  | Km25+300 | 1.0%            | 1.0%                  | 5.0%        | 5.0%        | 9.0%                 | 51.0%       | 5.0%         | 1.0%              | 0.0%        | 78.0%             | 73.0%                  |                 |
| FS-08  | Km42+870 | 1.0%            | 0.0%                  | 0.0%        | 0.0%        | 0.0%                 | 0.0%        | 0.0%         | 0.0%              | 0.0%        | 0.0%              | 1.0%                   | 1.0%            |

Bangladesh Water Development Board (BWDB)  
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| Polder      | No.                     | Location              | Coffer dam | Found Exc | Dewatering | Sand Pile /Sand Fill | Sheet Pile | RC    | Protection & Gate | Back Fill | Diversion Channel | Total Percent this Qtr | Prior Qtr Total |             |
|-------------|-------------------------|-----------------------|------------|-----------|------------|----------------------|------------|-------|-------------------|-----------|-------------------|------------------------|-----------------|-------------|
|             |                         |                       |            |           |            |                      |            |       |                   |           |                   |                        |                 | Weight →    |
|             | FS-09                   | Km27+344              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 5.0%              | 100.0%                 | 90.0%           |             |
|             | <b>Sub Total(B) =</b>   |                       |            |           |            |                      |            |       |                   |           |                   | <b>11.73</b>           | <b>11.14</b>    |             |
| <b>35/1</b> | DS-01                   | Km0+000               | 1.0%       | 4.0%      | 3.0%       | 5.0%                 | 9.0%       | 51.0% | 0.0%              | 2.0%      | 0.0%              | 75.0%                  | 37.0%           |             |
|             | DS-02                   | Km6+322               | 1.0%       | 4.0%      | 4.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 5.0%      | 0.0%              | 92.0%                  | 73.0%           |             |
|             | DS-05                   | Km14+660              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 5.0%      | 0.0%              | 93.0%                  | 90.0%           |             |
|             | DS-06                   | Km19+736              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 0.0%              | 95.0%                  | 95.0%           |             |
|             | DS-07                   | Km23+537              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 0.0%              | 95.0%                  | 95.0%           |             |
|             | DS-08                   | Km25+997              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 0.0%              | 95.0%                  | 95.0%           |             |
|             | DS-04                   | Km12+097              | 1.0%       | 4.0%      | 4.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 5.0%      | 0.0%              | 92.0%                  | 73.0%           |             |
|             | DS-11                   | Km39+306              | 0.2%       | 1.0%      | 0.0%       | 0.0%                 | 0.0%       | 0.0%  | 0.0%              | 0.0%      | 0.0%              | 0.0%                   | 1.2%            | n/a         |
|             | DS-12                   | Km45+181              | 1.0%       | 4.0%      | 4.0%       | 5.0%                 | 9.0%       | 51.0% | 5.0%              | 2.0%      | 0.0%              | 81.0%                  | 71.0%           |             |
|             | DS-16                   | Km51+308              | 1.0%       | 4.0%      | 4.0%       | 5.0%                 | 9.0%       | 51.0% | 0.0%              | 0.0%      | 0.0%              | 74.0%                  | 73.0%           |             |
|             | DS-17                   | Km52+430              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 0.0%              | 95.0%                  | 95.0%           |             |
|             | DS-18                   | Km24+787              | 1.0%       | 2.8%      | 0.5%       | 0.0%                 | 0.0%       | 0.0%  | 0.0%              | 0.0%      | 0.0%              | 4.3%                   | 4.3%            |             |
|             | FS-01                   | Km0+750               | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 7.0%      | 0.0%              | 92.0%                  | 92.0%           |             |
|             | FS-02                   | Km6+746               | 1.0%       | 4.0%      | 4.5%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 2.0%      | 0.0%              | 86.5%                  | 74.5%           |             |
|             | FS-04                   | Km9+450               | 1.0%       | 4.0%      | 4.0%       | 5.0%                 | 9.0%       | 51.0% | 5.0%              | 2.0%      | 0.0%              | 81.0%                  | 68.0%           |             |
|             | FS-05                   | Km16+846              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 0.0%              | 95.0%                  | 92.0%           |             |
|             | FS-07                   | Km20+216              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 7.0%      | 0.0%              | 92.0%                  | 92.0%           |             |
|             | FS-12                   | Km31+758              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 7.0%      | 0.0%              | 92.0%                  | 92.0%           |             |
|             | FS-13                   | Km32+546              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 7.0%      | 0.0%              | 92.0%                  | 92.0%           |             |
|             | FS-16                   | Km43+867              | 1.0%       | 4.0%      | 4.5%       | 5.0%                 | 9.0%       | 51.0% | 7.0%              | 4.0%      | 0.0%              | 85.5%                  | 85.5%           |             |
| FS-17       | Km35+080                | 1.0%                  | 4.0%       | 5.0%      | 5.0%       | 9.0%                 | 51.0%      | 10.0% | 7.0%              | 0.0%      | 92.0%             | 92.0%                  |                 |             |
|             | <b>Sub Total(C) =</b>   |                       |            |           |            |                      |            |       |                   |           |                   | <b>17.01</b>           | <b>15.81</b>    |             |
| <b>35/3</b> | DS-01                   | Km4+919               | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 10.0%             | 0.0%      | 5.0%              | 90.0%                  | 89.0%           |             |
|             | DS-02                   | Km24+856              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 5.0%              | 100.0%                 | 100.0%          |             |
|             | DS-03                   | Km33+628              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 6.0%              | 7.0%      | 5.0%              | 93.0%                  | 93.0%           |             |
|             | DS-04                   | Km9+364               | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 42.0% | 3.0%              | 0.0%      | 0.0%              | 69.0%                  | 62.0%           |             |
|             | FS-06                   | Km16+779              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 5.0%              | 100.0%                 | 88.0%           |             |
|             | FS-08                   | Km21+652              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 6.0%              | 7.0%      | 5.0%              | 93.0%                  | 93.0%           |             |
|             | FS-10                   | Km27+200              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 6.0%              | 7.0%      | 5.0%              | 93.0%                  | 93.0%           |             |
|             | FS-09                   | Km26+450              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 13.0%             | 7.0%      | 5.0%              | 100.0%                 | 100.0%          |             |
|             | FS-03                   | Km12+075              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 6.0%              | 7.0%      | 5.0%              | 93.0%                  | 93.0%           |             |
|             | FS-13                   | Km5+495               | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 6.0%              | 7.0%      | 5.0%              | 93.0%                  | 93.0%           |             |
|             | FS-04                   | Km13+024              | 1.0%       | 4.0%      | 5.0%       | 5.0%                 | 9.0%       | 51.0% | 5.0%              | 0.0%      | 0.0%              | 80.0%                  | 68.0%           |             |
|             | FS-05                   | Km16+219              | 1.0%       | 4.0%      | 2.2%       | 3.2%                 | 0.0%       | 0.0%  | 0.0%              | 0.0%      | 0.0%              | 10.4%                  | 10.4%           |             |
|             | FS-14                   | Km7+760               | 1.0%       | 4.0%      | 1.5%       | 0.0%                 | 0.0%       | 0.0%  | 0.0%              | 0.0%      | 0.0%              | 6.5%                   | 0.0%            |             |
|             |                         | <b>Sub Total(D) =</b> |            |           |            |                      |            |       |                   |           |                   |                        | <b>10.21</b>    | <b>9.82</b> |
|             | <b>Total(A+B+C+D) =</b> |                       |            |           |            |                      |            |       |                   |           |                   | <b>44.85</b>           | <b>42.55</b>    |             |

Source: CHWE Monthly Progress Report, June & September 2018

### 3.1.1.5 Drainage Channel Excavation/Re-excavation

| Background and Status Prior Quarter  | Current Quarter update  |
|--|---|
| Some progress made as 19.93% of earthwork done compared to 19.75% at the end of the prior quarter. | No additional work as it is not possible during rainy season; earthwork done to date remains at 19.93%. |

**Table 25: Excavation/Re-excavation of Drainage Channels in m<sup>3</sup> and Ratio Length**

| Polder       | Contract Length (km) | Contract Qty (000 m3) | 30-Jun-18      |               |                    |              | 30-Sep-18      |               |                    |              |
|--------------|----------------------|-----------------------|----------------|---------------|--------------------|--------------|----------------|---------------|--------------------|--------------|
|              |                      |                       | Qty (000 m3)   | % Done        | Ratio Length (Kms) | % Done       | Qty (000 m3)   | % Done        | Ratio Length (Kms) | % Done       |
| 32           | 17.00                | 232.47                | 94.894         | 40.8%         | 7.45               | 43.8%        | 94.894         | 40.8%         | 8.25               | 48.5%        |
| 33           | 61.13                | 561.25                | 97.775         | 17.4%         | 7.3                | 11.9%        | 97.775         | 17.4%         | 7.3                | 11.9%        |
| 35/1         | 68.38                | 494.36                | 102.692        | 20.8%         | 14.1               | 20.6%        | 102.692        | 20.8%         | 14.05              | 20.5%        |
| 35/3         | 2.00                 | 12.00                 | 0              | 0.0%          | 0                  | 0.0%         | 0.000          | 0.0%          | 0.00               | 0.0%         |
| <b>Total</b> | <b>148.51</b>        | <b>1,300.08</b>       | <b>295.361</b> | <b>19.75%</b> | <b>28.85</b>       | <b>19.4%</b> | <b>295.361</b> | <b>22.72%</b> | <b>29.6</b>        | <b>19.9%</b> |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.  
Note: Due to change in contract length, the percentages in the two quarters are not comparable.

### 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 now 4.25 kms. The Bank Protection Works total 1.81 kms which is same as it was 30 June 2018.

**Table 26: Package 01 Bank Protection Works - Progress Compared to Target**

| Polder                  | Contract Length (Kms.) | Revised Contract Length (km) | 30-Jun-18               |                    | 30-Sep-18               |                    |
|-------------------------|------------------------|------------------------------|-------------------------|--------------------|-------------------------|--------------------|
|                         |                        |                              | Completed (equiv't kms) | % of blocks placed | Completed (equiv't kms) | % of blocks placed |
| Polder 32               | 2                      | 2                            | 0.21                    | 10.5%              | 0.21                    | 10.5%              |
| Polder 33               | 1.7                    | 1.6                          | 1.1                     | 64.7%              | 1.1                     | 68.7%              |
| Polder 35/1             | 1.5                    | 0.5                          | 0.5                     | 100.0%             | 0.5                     | 100.0%             |
| Polder 35/3             | 2.5                    | 0.15                         | 0                       | 0.0%               | 0                       | 0.0%               |
| <b>Package 01 Total</b> | <b>7.7</b>             | <b>4.25</b>                  | <b>1.81</b>             | <b>43.8%</b>       | <b>1.81</b>             | <b>44.8%</b>       |

Source: DDCS&PMSC and CHWE data on June & September 2018, 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 was expected to just get started after a substantial lag. The Slope Protection Work totals 3.73 kms which is same as it was 30 June 2018. See Table 30.

**Table 27: Slope Protection Works - Progress Compared to Target**

| Polder                  | Contract Length (kms) | 30-Jun-18       |              | 30-Sep-18       |              |
|-------------------------|-----------------------|-----------------|--------------|-----------------|--------------|
|                         |                       | Completed (kms) | % done       | Completed (kms) | % done       |
| Polder 32               | 3.275                 | 1.63            | 49.8%        | 1.63            | 49.8%        |
| Polder 33               | 6.03                  | 1.75            | 29.0%        | 1.75            | 29.0%        |
| Polder 35/1             | 11.75                 | 0.35            | 3.0%         | 0.35            | 3.0%         |
| Polder 35/3             | 0.9                   | 0               | 0.0%         | 0               | 0.0%         |
| <b>Package 01 Total</b> | <b>21.955</b>         | <b>3.73</b>     | <b>17.0%</b> | <b>3.73</b>     | <b>17.0%</b> |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.

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

The existing embankments at all four polders include locations where rapid deterioration occurred recently, or where damage increased over time so that these sections are in danger of being breached which would have threatened wholesale flooding of the polders during the monsoon season. While these conditions were not caused by the Project, the emergency works contingency funds come under BoQ item heading “Environmental Mitigation Works”. They are, in fact, works to protect the population in the polders from flood damage until the permanent works are done.

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

- 1<sup>st</sup> batch starting January 2016 : 25 locations
- 2<sup>nd</sup> batch Cyclone Roanu, May 2016 : 19 locations
- 3<sup>rd</sup> batch 2017 monsoon : 61 locations (20 new locations added during July-Sep)
- 4<sup>th</sup> batch post-2017 monsoon : 12 locations
- 5<sup>th</sup> batch 2018 monsoon : 1 location

New vulnerable sites are continually under assessment by a tripartite team comprising XEN, Engineer and Contractor. During the quarter, emergency works were being undertaken only in Polder 35/1:

|      |                  |       |                               |
|------|------------------|-------|-------------------------------|
| 35/1 | 24+252 to 24+329 | 77 m  | 100% complete on 06 July 2018 |
|      | 24+525 to 24+605 | 80 m  | 100% complete on 20 July 2018 |
|      | 24+605 to 24+740 | 135 m | 50% complete on 11 July 2018  |

The total allocation for emergency works under the environmental mitigation provisional sum BoQ item is BDT 40 million, but day works are also being used to perform some of these works.

It is worth mentioning that at least some of the emergency works would not be needed if the Contractor’s work progress was on schedule. It should 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 30 Jun 2018  | Status 30 Sep 2018   |
|--|--|
| Survey works and measurement has been completed. Methodology for geotechnical investigation has been approved by the Engineer. Contractor is revising the preliminary design drawings it submitted on 18 March 2017 in line with Engineer's comments. Soil investigation has been completed. Report for Soil Investigation is being prepared. Awaiting final design by Contractor. | Final design accepted. Contractor will mobilize on 15 November 2018. |

### 3.1.1.10 CC Block Production

| Background and Status 30 Jun 2018   | Status 30 Sep 2018   |
|---|--|
| 4,056 million CC blocks produced to date, meaning about 1,102,000 blocks produced during the quarter. This is 39.3 percent of the more than 10.3 million that must be produced. 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). | 4,469 million CC blocks produced to date, meaning about 413,000 blocks produced during the quarter. This is 57.2 percent of total required without considering additional bank protection works. |
| Original plan was to have four automated CC block manufacturing machines. Six automated CC block manufacturing machines are functioning; the seventh machine is being commissioned.   | The Three machines are still not in production.  |

Each machine has a rule of thumb theoretical capacity of 3,000 blocks per day assuming 8-9 hours of operation. Where the manufacturing sites are close to communities, late evening operation is not acceptable due to noise levels, so the possibility of expanding hours of production is limited. There has been an increase in the production rate over the past year, but it could still be improved. Current production has reached 57.2% of the more than 7.8 million that must be produced. The achievement this quarter was 5.3% of total required production compared to 13.6% in the prior quarter. This can be attributed to the lack of storage space given that bank protection works are necessarily on hold during the rainy season. Assuming the performance during dry quarters (13%) and during rainy season (5%) continues, the total required production would be reached in September 2019. Given the new Work Program end date of June 2020, this will be adequate.

Of course, there is the possibility of additional bank protection works which would increase the overall target of CC blocks to be produced. In this case, the production rate would have to improve substantially.

A plant-wise analysis of the July - September 2018 production yields the following results:

**Table 28: Plant-wise Production of CC Blocks in Package 01**

| SI No | Name of Polder | Name of Casting yard   | Present Status              | Manufactured Quantity in Number |           |           | Average Daily Output in last 3 Months | Production Efficiency |
|-------|----------------|--|-----------------------------|---------------------------------|-----------|-----------|---------------------------------------|-----------------------|
|       |                |  |                             | July, 2018                      | Aug, 2018 | Sep, 2018 |                                       |                       |
| 1     | 32             | Rupsa CC Block Casting Yard at Rupsa, Khulna. (Automated Plant)            | Work is going on            | 73116                           | 12346     | 0         | 950                                   | 32%                   |
| 2     | 32             | Pankhali CC Block Casting Yard at Rupsa, Khulna. (Automated Plant)         | Work is going on            | 64011                           | 53768     | 43509     | 1792                                  | 60%                   |
| 3     | 33             | Mongla CC Block Casting Yard at Mongla, Bagerhat. (Automated Plant)        | Work is going on            | 5273                            | 0         | 0         | 59                                    | 2%                    |
| 4     | 33             | Chunkuri CC Block Casting Yard at Chunkuri, Khulna. (Manual)               | Work stopped few months ago | 0                               | 0         | 0         | 0                                     | 0%                    |
| 5     | 35/3           | Mollikerber CC Block Casting Yard at Planer Bazar, Bagerhat. (Manual)      | Work stopped few months ago | 0                               | 0         | 0         | 0                                     | 0%                    |
| 6     | 35/3           | Khegraghat CC Block Casting Yard at Khegraghat, Bagerhat. (Manual)         | Work stopped few months ago | 0                               | 0         | 0         | 0                                     | 0%                    |
| 7     | 35/3           | Doratana CC Block Casting Yard at Bagerhat. (Automated Plant)              | Work is going on            | 15975                           | 0         | 0         | 174                                   | 6%                    |
| 8     | 35/1           | Boroitola CC Block Casting Yard at Soronkhola, Bagerhat. (Manual)          | Work stopped few months ago | 0                               | 0         | 0         | 0                                     | 0%                    |
| 9     | 35/1           | Tafalbari CC Block Casting Yard at Soronkhola, Bagerhat. (Automated Plant) | Work is going on            | 77319                           | 36242     | 45554     | 1730                                  | 58%                   |

Source: Khulna field office of DDCS&PMS Consultants M&E Consultant's calculations

With a sustained daily production rate of 3,000 CC blocks considered 100% of capacity for a given machine, it is seen that the Pankhali plant on Polder 32 is producing at 60%, and Tafalbari plant on Polder 35/1 is producing at 58%. Two other plants (Polders 32 and 33) are producing at between 32% and 2% capacity. On the other hand, the Doratana plant (Polder 35/3) produced at about 6% level, other four manual plants are producing 0% level during July - September 2018 though they have been in production in prior quarter with a total prior combined production of 413,206 blocks.

The contractor has pointed to inadequate space for additional stockpiling during the rainy season since bank protection works cannot be undertaken. Given the special size of blocks required for bank protection works (40x40x40) and the fact that some of the stockpile is not of this size, there remains a bottleneck here that must be resolved by expanding storage area and stepping up BPW activity, non-BPW activity and production of BPW sized blocks.

**Table 29: Package 01 CC Block Production**

| Polder Number | Estimated Quantity | 30-Jun-18        | Production during Jul-Sep 2018 |                |                |                | 30-Sep-18     |                  |
|---------------|--------------------|------------------|--------------------------------|----------------|----------------|----------------|---------------|------------------|
|               |                    | Cumulative Total | 40x40x40 (cms)                 | 40x40x20 (cms) | 30x30x30 (cms) | 40x40x30 (cms) | Quarter Total | Cumulative Total |
| 32            | 1,765,903          | 1,290,551        | 141184                         | 65723          | 39843          | 0              | 246750        | 1,537,301        |
| 33            | 1,607,125          | 1,060,847        | 0                              | 5273           | 0              | 0              | 5273          | 1,066,120        |
| 35/1          | 3,537,071          | 1,228,474        | 88352                          | 70768          | 0              | 0              | 159120        | 1,387,594        |
| 35/3          | 897,946            | 468,174          | 0                              | 15975          | 0              | 0              | 15975         | 484,149          |
| <b>Total</b>  | <b>7,808,051</b>   | <b>4,048,046</b> | <b>229536</b>                  | <b>157739</b>  | <b>39843</b>   | <b>0</b>       | <b>427118</b> | <b>4,475,164</b> |

Source: DDCS&PMSC and CHWE data on June & September 2018, verified by the M&E Consultants based on spot checks.

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

| Background and Status 30 June 2018   | Status 30 September 2018  |
|--|---|
| <p><b>Polder 39/2C:</b><br/>- 111,587 nos of CC blocks has been produced in last month. 279,846 nos of CC blocks as of 30 June 2018.<br/>-Construction of DS-12 is in progress<br/>-30 kms centerline survey has been done.</p>  | <p><b>Polder 39/2C:</b><br/>DS-12: Except railing structural work complete. CC Block manufacturing -608,829 nos.</p>  |
| <p><b>Polder 40/2</b> – Re-sectioning of Embankment for 3.30 km is going on.<br/>-0.74 km slope protection work has been complete.<br/>-Construction of FS-4/1 is in progress.<br/>-Centerline survey works have been completed and 45.32% of pre-survey of EMB has done</p> | <p><b>Polder 40/2 :</b><br/>Re-sectioning of embankment of 2.4 km full complete and 1.5 km partially complete. FS-4/1: Except railing structural work complete. CC Block casting= 30,810 nos.</p>       |
| <p><b>Polder 41/1</b><br/>– 18.6 kms of embankment<br/>-Construction of FS-8, FS-09 and FS-15 is in process<br/>-Centerline survey work has been completed.<br/>-64.35% of pre-survey of EMB has done.</p>   | <p><b>Polder 41/1</b><br/>FS-8, FS-9 &amp; FS-15: Except railing structural work complete. CC Block casting=27,548 nos.</p>   |
| <p><b>Polder 47/2</b><br/>– Re-sectioning of Embankment for 18.6 kms has been completed.<br/>-FS-01, FS-06 &amp; FS-07 is in progress.<br/>-Centerline survey &amp; pre-survey of EMB have done.</p>   | <p><b>Polder 47/2</b><br/>Re-sectioning of embankment 16.20 km full complete &amp; FS-1, FS-6, FS-7: Except operating platform &amp; railing structural work complete; CC Block casting=15,898 nos.</p> |
| <p><b>Polder 48</b> – 48.3% of cross-section survey done (18.20 of 38.08 kms); setting out done for 900m; offices, labs, warehouses and camp completed.</p>  | <p><b>Polder 48</b><br/>Re-sectioning of embankment 16.20 km full complete &amp; FS-1, FS-6, FS-7: Except operating platform &amp; railing structural work complete; CC Block casting=15,898 nos.</p>   |
| <p><b>Emergency works</b><br/><b>Polder-41/1</b> (km 12.92 to km 12.989, km 13.215to km, 13.411 and km 13.992 to km 14.077: cost BDT 27.95 lac): Earth work in connection with emergency Ring-</p>   | <p><b>Emergency works –</b><br/>0.165 km of polder 39/2C, 0.156 k of polder 47/2 and 0.160 km emergency works have been completed.</p>  |



| Background and Status 30 June 2018  | Status 30 September 2018   |
|---|--|
| <p>dyke Construction in polder-40/2 along the alignment of the damaged embankment is completed. The placing of Geo-textile bags on the river side slope of Ring-dyke to protect the slope from wave action is completed. Instructed not to use those Geo-bags.</p> <p>Overall progress is 50%. At present the work is stopped.</p> <p><b>Polder-47/2:</b> (km 6.168 to km 6.618): Backing of Embankment at the said location by earth filling is completed. But the area was threatened by wave action which necessitated additional temporary protection by sand filled Geo-bags and palisading works.</p>   |  |
| <p>Selected concerns raised by the Contractor included:</p> <ul style="list-style-type: none"> <li>• Handover of land for pre-cast yard A-1</li> <li>• Work hindrance by local people</li> <li>• Visa approval taking time</li> <li>• Borrow pits for the construction yards</li> <li>• Grubbing and clearing of embankment is hindered as tree-cutting and compensation by Employer not yet done.</li> <li>• Need for prompt approval by the Engineer of shop drawings and designs</li> <li>• Mobilization of adequate engineers and support staff to site</li> <li>• Sand filling is seriously delayed due to disagreements between sand filling supplier and tax administration of local government in Polder 40/2 &amp; Polder 48.</li> </ul> | <p>Selected concerns raised by the Contractor include:</p> <ul style="list-style-type: none"> <li>• Delay in progress due to squatter and resettlement</li> <li>• Hindrance by local chairman regarding construction materials supply and land acquisition</li> <li>• Visa approval taking time</li> <li>• Grubbing and clearing of embankment is hindered as tree-cutting and compensation by Employer not yet done.</li> <li>• Mobilization of adequate engineers and support staff to site</li> </ul> |

### 3.1.3 Outputs of A1: Rehabilitation and Improvement of Polders –Package 03

| Background and Status 30 June 2018  | Status 30 September 2018   |
|---|--|
| <p>No additional progress on design – remains at 25% for last several quarters.</p> <p>Background:<br/>Works package W-03 will comprise the remaining seven polders - 14/1, 15, 16, 17/1, 17/2, 23, 34/3. Modeling is essentially complete and the draft modeling report will be submitted in late 2017. The survey work for design and geotechnical investigations were complete during the Oct-Dec 2017 quarter. The actual design work commenced in the July-September 2016 quarter. The designs were agreed to be completed by 30 June 2017, but the Consultant has only one designer working on this so it is behind schedule.</p> | <p>Some additional progress on design made, though not quantified. Some further review of the modelling by IWM is required for fixing of invert levels before design of structures can be completed.</p> |

### 3.1.4 Output of A2: Social Afforestation and Community Mobilization

Procurement and award of NGO contracts is in process and is urgent. Coordination with Forestry Department has taken place and plantation of seedlings commenced in Polder 47/2.

## 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

These services have not yet commenced.

### 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 30 and 31 below. There is almost no change in these numbers since the quarter ending September 2017.

**Table 30: 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<br>as of 30 September, 2018 |              |              |             |               | as of 30<br>Jun 2018 |
|--------------|--|--------------|--------------|-------------|---------------|----------------------|
|              | Polder 32  | Polder 33    | Polder 35/1  | Polder 35/3 | Total         | Total                |
| Titled       | 3,003  | 2,066        | 1,087        | 489         | 6,645         | 6,645                |
| Non-titled   | 1,247  | 1,,454       | 1,617        | 274         | 4,,592        | 4,569                |
| <b>Total</b> | <b>4,250</b>   | <b>3,520</b> | <b>2,704</b> | <b>763</b>  | <b>11,237</b> | <b>11,214</b>        |

Source: RAP Team, DDCS&PMSC, update from September 2018 MPR.

**Table 31: Breakdown of Non-Titled EPs by Polder and Category in Package 01**[Error! Not a valid link.](#) Source: RAP Team, DDCS&PMSC, update from September 2018 MPR.

Implementation of the RAP for Package 01 has progressed as shown in the table below. A total of 84.8% of non-titled EPs have been compensated and 95.2% of these EPs (80.7% of all non-titled EPs) have relocated.

A group relocation has been carried out at Uttar Kamarkhola of Polder-32. The name of the relocation site is Uttar Kamarkhola CEIP-1 Resettlement Village. LAP/RAP team is trying to convince more group relocation in other places of 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.

Table 32: Status of Relocation of Compensated EPs[Error! Not a valid link.](#)Source: DDCS&PMS Consultant Monthly Progress Report, June & September 2018.

Payments to titled EPs have risen sharply during the prior quarter 1,113 EPS as of 30 June 2018 and finally 1,334 EPs as of September 2018.

**Table 33: Payments to Titled EPs – Package 01**

| Polder       | Total Awardees | Amount to be Paid by DCs in BDT for fund placed | Number of Cheques Issued In Favor of Awardees | Total Amount Paid in BDT Lac | Progress BDT % |
|--------------|----------------|---|---|------------------------------|----------------|
| 32           | 3,003          | 1615.38   | 317   | 811.72                       | 46.5           |
| 33           | 2,066          | 770.04  | 121   | 287.65                       | 32.7           |
| 35/1         | 1,087          | 4525.92   | 625   | 2906.772                     | 63.5           |
| 35/3         | 489            | 1510.51   | 271   | 919.43                       | 60.1           |
| <b>Total</b> | <b>6,645</b>   | <b>8421.85</b>                                  | <b>1,334</b>                                  | <b>4925.57</b>               | <b>57.0</b>    |

Source: DDCS&PMSC Monthly Reports

While payment of compensation to titled EPs saw a dramatic improvement during the last two quarters, payment to non-titled EPs has stagnated with the last 15.2% of these EPs still to be compensated.

**Table 34: Summary Progress of LAP and RAP Implementation – Package 01**

| SN | Milestone Actions   | Progress as of 30 Jun 2018                               | Progress as of 30 Sep 2018   |
|----|---|--|--|
| 1  | Video recording of assets in the ROW                        | 100%   | 100%   |
| 2  | Joint Verification Survey                                   | 100%   | 100%   |
| 3  | Photography of non-titled EPs                               | 100%   | 100%   |
| 4  | ID Card preparation for EPs                                 | 99%  | 99%  |
|    |   | 5,164 of 5,222 EPs                                       | 5,164 of 5,222 EPs   |
| 5  | ID Card Issuance by XEN                                     | 98%  | 98%  |
|    |   | 5,107 EPs  | 5,107 EPs  |
| 6  | ID Cards distribution                                       | nr   | nr   |
| 7  | Collection of NID   | nr   | nr   |
| 8  | Bank Account Opening for non-titled EPs                     | 99%  | 99%  |
|    |   | 5,164 of 5,222 EPs                                       | 5,164 of 5,222 EPs   |
| 9  | Focused group meetings                                      | 100%   | 100%   |
| 10 | Land Acquisition Proposals submitted to DC Khulna, Bagerhat | 100% final   | 100% final   |
| 11 | Notice issued under Section 6 by DC                         | 4 polders<br>(except Polder 35/1 & 5.87 ha of Polder 33) | 4 polders<br>(except Polder 09.86 ha of 35/1 & 5.87 ha of Polder 33) |
| 12 | Notice issued under Section 7                               | 4 polders<br>(Polders 32 and 35/3)                       | 4 polders<br>(Polders 32 and 35/3)                                   |
| 13 | Final land acquisition cost estimate                        | 35/3 done;<br>32 & 33 under preparation                  | 35/3 done;<br>35/1, 32 & 33 under preparation                        |
| 14 | Property Assessment Valuation Committee formed              | 100%   | 100%   |
| 15 | PAVC assesses replacement value of assets                   | 100%   | 100%   |
| 16 | Grievance Redress Committee formed and approved             | 100%   | 100%   |

| SN | Milestone Actions                            | Progress as of 30 Jun 2018  | Progress as of 30 Sep 2018  |
|----|--|---|---|
|    | by PD  | Formed and now functioning; though expense issue inhibits meetings taking place | Formed and now functioning; though expense issue inhibits meetings taking place |
| 17 | No. of grievances received and their status  | 134 cases   | 134 cases   |
|    |  | 114 resolved  | 114 resolved  |
|    |  | 20 resolved at entry level  | 20 resolved at entry level  |
| 18 | Compensation paid to Non-Titled EPs          | 3822  | 3968  |
|    |  | (plus 38 electric poles)  | plus (38 electric poles & Social Forestry 27 no's. CPR)                         |
| 19 | Value of Compensation Paid to Non-Titled EPs | BDT 556,048,740   | BDT 572,091,093   |
| 20 | Value of Compensation Paid to titled EPs     | BDT 370,478,304.23  | BDT 4925.77 Lac   |
| 21 | Relocation status                            | 3663 (out of 3822)  | 3706 (out of 3893)  |

Source: RAP Team and DDCS&PMSC Monthly Reports

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

**Table 35: Land Requirement for Package-01**

| Polder No    | Total length embankment (km) | Area to be Acquired (hectares) |
|--------------|------------------------------|--------------------------------|
| 32           | 49.5                         | 50.65                          |
| 33           | 52.5                         | 16.81                          |
| 35/1         | 62.5                         | 40.03                          |
| 35/3         | 40.05                        | 24.81                          |
| <b>Total</b> | 204.55                       | 132.3                          |

Source: RAP Team, DDCS&PMSC, Monthly Progress Report, September 2018

The status of land acquisition is provided in the next table. A Task Force was formed to expedite the land acquisition process for Package 01. This Task Force has aggressively pursued the handing over of land by the DCs and maintains liaison with the DC, Department of Forestry, Public Works Department and other stakeholders.

**Table 36: Status of Land Acquisition – Package 01**

| Name of Polder                  | 32        | 33        | 35/1      | 35/3      | Remark |
|---------------------------------|-----------|-----------|-----------|-----------|--------|
| <b>District</b>                 | Khulna    | Khulna    | Bagerhat  | Bagerhat  |        |
| <b>Program for L.A. (ha)</b>    | 50.65     | 16.81     | 40.03     | 24.81     |        |
| <b>Proposal submitted to DC</b> | 29-Apr-15 | 3-Mar-15  | 28-Mar-15 | 28-Mar-15 |        |
| <b>DLAC Approved</b>            | 8-Jun-15  | 19-Mar-15 | 15-Apr-15 | 15-Apr-15 |        |
| <b>Notice u/s 3 issued</b>      | 10-Nov-15 | 12-Jul-15 | 27-Sep-15 | 14-Aug-15 |        |

|   |                                  |   |   |                                  |                 |
|---|----------------------------------|---|---|----------------------------------|-----------------|
| <b>JVS completed</b>                        | 24-Dec-15                        | 30-Sep-15   | 29-Sep-16                                 | 29-Sep-15                        |                 |
| <b>Proposal sent to MoL</b>                 | 7-Apr-16                         | 24-Dec-15   | 13-Apr-17                                 | 27-Jan-16                        |                 |
| <b>MoL Approved</b>                         | 17-Aug-16                        | 17-Aug-16   | 13-Jul-17                                 | 18-Apr-16                        |                 |
| <b>Notice U/S-6</b>                         | 25-Nov-16                        | 25-Nov-16   | 15-Oct-17                                 | 15-Aug-16                        |                 |
| <b>Funds placed to DC<br/>(BDT million)</b> | 161.54                           | 88.50   | 452.59                                    | 151.05                           | Total<br>853.68 |
| <b>Notice U/S-7</b>                         | 26-Sep-17                        | 27-Sep-17   | 22-Mar-18                                 | 08-Nov-17                        |                 |
| <b>Present status</b>                       | Possession received (26.09.2017) | Possession of 10.94 ha received. (27.09.2017)<br>Revised proposal for Additional 5.87 ha has been submitted due to river erosion LA Act, 2017 | Possession received 30.17 ha (22.03.2018) | Possession received (08.11.2017) |                 |

Source: RAP Team, DDCS&PMSC, Monthly Progress Report, September 2018

The DDCS&PMS Consultants have undertaken a substantial consultative process as evidenced by the number of consultations they have reported as of 31 December 2017 (update not available since then). All groups have received four or more rounds of consultation so far.

**Table 37: Focus Group Formation and Number of Meetings-Package 01**

| Polder No.   | Status on 30 Sep 2017 |                         | Status on 31 Dec 2017 |                         |
|--------------|-----------------------|-------------------------|-----------------------|-------------------------|
|              | Focus Groups Formed   | Focus Group Discussions | Focus Groups Formed   | Focus Group Discussions |
| <b>32</b>    | 68                    | 486                     | 68                    | 612                     |
| <b>33</b>    | 63                    | 438                     | 63                    | 693                     |
| <b>35/1</b>  | 75                    | 541                     | 88                    | 880                     |
| <b>35/3</b>  | 15                    | 150                     | 18                    | 216                     |
| <b>Total</b> | <b>221</b>            | <b>1,615</b>            | <b>237</b>            | <b>2,401</b>            |

Source: RAP Team, DDCS&PMSC, email correspondence, February 2018

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

**Agenda of 1<sup>st</sup> Round FGD Meeting**

1. Group Formation
2. Selection Member of FGD Committee
3. Select Designation of committee members
4. Describe objectives of FGD
5. Describe objectives of Project
6. Responsibility of Committee Member
7. Approximate date of next Meeting

**Agenda of 2<sup>nd</sup> Round FGD Meeting**

1. Photography of EPs
2. Bank Account Opening
3. Collection of certificate from LGIs, NID, Trade License and other papers

**Agenda of 3<sup>rd</sup> Round FGD Meeting**

1. EP ID Card preparation
2. Information Booklet distribution and reading out policies in the meeting
3. Procedure of payment from BWDB and required documents for payment

**Agenda of 4<sup>th</sup> Round FGD Meeting**

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 30 Jun 2018 – Package 01**

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.

**Background:**

The relocation planning and livelihood restoration program have not been given adequate or early enough attention. The 1441 EPs given compensation in the first two payment rounds began to vacate the project area in October 2016 and now almost all of that group have done so. However, it was not until months later that there has been any assistance or pre-screening of possible sites for relocation as the Physical Relocation Assistance Committees (PRAC) were formed in November 2016 and only became functional in January 2017.

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.

**Background:**

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.

**Status 30 Sep 2018**

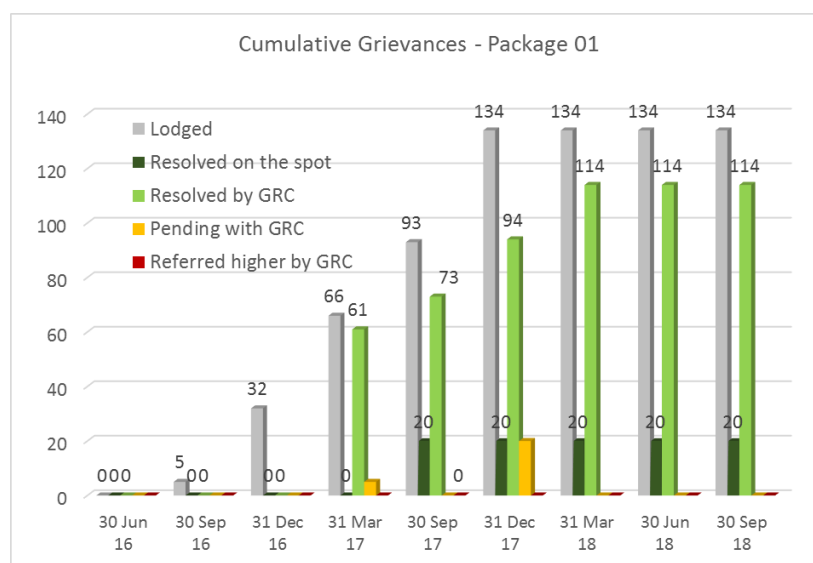
Same as previous quarter:

- Relocation planning and livelihood restoration need more attention.
- PRAC meeting allowance issue to be resolved.

Only one group has elected group relocation.

**Grievances**

A total of 134 grievances have been raised in the Package 01 area; 20 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 no pending grievances as of 30 September 2018 and, in fact, no new grievances have been reported between 1 January and 30 September 2018 (though some new grievances have been lodged after the close of the quarter and will be reported in the next report). The figure below shows the cumulative progression by quarter.



**Figure 5: Cumulative Grievances – Package 01**

### **Labor Influx**

The types of site works are defined in the Contract. The works require both skilled and unskilled labor and the skilled labor spans many levels – from tradespersons to highly experience senior professionals. The policy of the Project is to first maximize the use of local staff and when skills are not available locally, to draw as much as possible from the district, then from Bangladesh and finally from overseas. The Contractor has been asked to report on the breakdown of such staff and is being guided to align his hiring to maximize use of local staff.

Camps generally have no more than 20 or so foreign workers and 20 or so national workers and these are in self-contained compounds apart from communities. A given polder may have more than one camp. Of the approximately 1500 persons working on the project at peak times, the total population that stays in work camps is approximately as follows (varies over time):

- Polder 32 – 60 persons
- Polder 33 – 90 persons
- Polder 35/1 – 50 persons
- Polder 35/3 – 50 persons

This represents less than 20% of the work force. Most laborers are unskilled and temporary workers, with virtually no unskilled workers coming from outside a polder. The Engineer’s site staff visit all compounds and offices buildings of Contractor in each polder and talk with the community leaders. So far, no cases of frictions and complaints due to labor influx has been observed, though this continues to be monitored.

As of 30 September 2018, there are 502 laborers in Package 01 and the labor profile is as follows:

- Gender – 499 male, 3 female
- Skill Level – 173 skilled, 224 semi-skilled and 105 unskilled
- Origin – 327 from same or adjoining district, 130 from other districts, 45 from abroad

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**

A draft RAP was first submitted to PMU for comments and observation in the January-March 2016 quarter and was finalized and submitted to the World Bank in February 2017. The census and initial Inventory of Losses (IOL) was conducted in 2015, but a revised LAP was prepared so the IOL was updated as required by the TOR before implementing the RAP. Field level updating of the inventory started in June 2016 and was completed in January 2017. The RAP was submitted to the World Bank through the PMU office and clearance obtained from the Bank’s Regional Safeguards Advisor (RSA).

Total number of entities identified during census and IOL in 2015 was 7103. A total of 6693 entities were identified during updating census and IOL survey on private and public land which took place from June 2016 through September 2017.

**Table 38: Status of Land Acquisition – Package 02**

| Sl           | Name of Polder | District              | Program for L.A. (ha) | Proposal submitted to DC | Approved    |                                       | Notice u/s 3 issued | JVS completed         | 30 June 2018 Status   | 30 Sep 2018 Status   |
|--------------|----------------|-----------------------|-----------------------|--------------------------|-------------|---------------------------------------|---------------------|-----------------------|---|--|
|              |                |                       |                       |                          | DLAC        | MoL                                   |                     |                       |   |  |
| 1            | 39/2C          | Pirojpur & Jhalokhati | 116.09                | 10-Oct-16                | 16 Mar 17 & | Nov 17 Jhalokhati; 06 Dec 17 Pirojpur | 9-Apr-17            | Nov 2017 in Pirojpur; | MOL Approved 06 Dec 17; processing to issue notice u/s-6.               | Notice u/s- 6 served. Final estimate is ongoing.                             |
|              |                |                       |                       |                          | 30-Nov-16   |                                       |                     |                       |   |  |
| 2            | 40/2           | Barguna               | 12.45                 | 6-Oct-16                 | 27-Mar-17   | 13-Mar-18                             | 4-May-17            | 17-May-17             | MOL Approved 13 Mar 18; remaining 0.78 ha pending for court cases.      | 0.78 ha still pending for court case. Preparation of estimate under process. |
| 3            | 41/1           | Barguna               | 8.35                  | 6-Oct-16                 | 27-Mar-17   | 13-Mar-18                             | 4-May-17            | 28-Mar-17             | MOL Approved 13 Mar 18. Fund placed of 4 no. L.A Case BDT 394.09 Lac    | Issuance of notices U/S-7 is going on.                                       |
| 4            | 43/2C          | Patuakhali            | 14.66                 | 30-Aug-16                | 14-Mar-18   |                                       |                     |                       | Approved by DLAC 14 March 2018.   | Waiting for issuance of notices u/s-4.                                       |
| 5            | 47/2           | Patuakhali            | 2.31                  | 28-Aug-16                | 23-Mar-17   |                                       | 2-May-17            | 17-Oct-16             | Approved by MoL (05.04.18).   | Preparation of estimate is under process.                                    |
| 6            | 48             | Patuakhali            | 0.9                   | 28-Aug-16                | 23-Mar-17   |                                       | 2-May-17            | 16-Oct-16             | Sent to MOL for approval 03 Aug 17; waiting for approval from PM Office | Approved by MoL (9 Jul 18). Waiting for issuance of notices U/S-6            |
| <b>Total</b> |                |                       | 154.76                | 154.76                   | 154.76      | 140.10                                | 140.10              |                       |   |  |

Source: RAP Team, DDSC&PMSC, Monthly Progress Report, September 2018

All LA proposals have now been approved by DLAC and five of six polders by MoL. The shaded cells in the table above indicate steps achieved during the reporting quarter.



**Table 39: Number of EP Households – Package 02**

| Polder No    | Total Surveyed HHs | Private Land | Squatter     | Tenants (GOB land) |             |            | Wage laborers (GOB land) |
|--------------|--------------------|--------------|--------------|--------------------|-------------|------------|--------------------------|
|              |                    |              |              | Commercial         | Residential | Total      |                          |
| 39/2         | 1,540              | 1,489        | 51           | 27                 | 06          | 33         | 28                       |
| 40/2         | 1,910              | 200          | 1,710        | 398                | 17          | 415        | 103                      |
| 41/1         | 924                | 20           | 904          | 66                 | 04          | 70         | 11                       |
| 43/2         | 646                | 47           | 599          | 117                | 10          | 127        | 22                       |
| 47/2         | 181                | 16           | 165          | 07                 | 00          | 07         | 01                       |
| 48           | 1,492              | 05           | 1,487        | 200                | 27          | 227        | 234                      |
| <b>Total</b> | <b>6,693</b>       | <b>1,777</b> | <b>4,916</b> | <b>815</b>         | <b>64</b>   | <b>879</b> | <b>399</b>               |

Source: RAP Consultants, Monthly Progress Report of DDCS&PMS Consultants, September 2018

In an earlier quarter, property valuation surveys were conducted and Mouza rates (Government-declared rate for land) were collected from concerned Sub-Registrar's office for ascertaining replacement cost of the land, structure and trees.

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

**Table 40: Focus Group Formation and Meetings-Package 02**

| Polder       | Focus Groups Target | Focus Groups Formed | FGD Meetings as of 30 Jun 2018 | FGD Meetings as of 30 Sep 2018 |
|--------------|---------------------|---------------------|--------------------------------|--------------------------------|
| 39/2C        | 32                  | 32                  | 74                             | 74                             |
| 40/2         | 57                  | 57                  | 190                            | 222                            |
| 41/1         | 38                  | 38                  | 157                            | 183                            |
| 43/2C        | 31                  | 31                  | 155                            | 181                            |
| 47/2C        | 9                   | 9                   | 46                             | 64                             |
| 48           | 60                  | 60                  | 224                            | 256                            |
| <b>Total</b> | <b>227</b>          | <b>227</b>          | <b>846</b>                     | <b>980</b>                     |

Source: RAP Consultant's Monthly Progress Report, June & September 2018

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 41: 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         |
| <b>Total</b>                                 | <b>19</b>    | <b>60</b>                       | <b>32</b> | <b>28</b> | <b>100</b> |

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.

**Table 42: Status of ID Preparation for EPs of Package 02**

| Polders                             | Affected HHs losing structure on private and GOB land (nos.) | Non-Titled EPs (nos.) | Photograph taken of the EPs (nos.) | ID Card Preparation | Opening Bank Account | Collection of National ID cards | Certificates from LG offices collected |
|-------------------------------------|--|-----------------------|------------------------------------|---------------------|----------------------|---------------------------------|--|
| 0                                   | 1  | 2                     | 3                                  | 4                   | 5                    | 6                               | 7                                      |
| 39/2C                               | 1,540  | 51                    | 50                                 | 50                  | 50                   | 50                              | 50                                     |
| 40/2                                | 1,910  | 1,710                 | 1,666                              | 1,666               | 1,666                | 1,666                           | 1,666                                  |
| 41/1                                | 924  | 904                   | 857                                | 857                 | 857                  | 857                             | 857                                    |
| 43/2c                               | 646  | 599                   | 590                                | 590                 | 590                  | 590                             | 590                                    |
| 47/2                                | 181  | 165                   | 156                                | 156                 | 156                  | 156                             | 156                                    |
| 48                                  | 1,492  | 1,487                 | 1,374                              | 1,374               | 1,374                | 1,374                           | 1,374                                  |
| <b>Total as of Sep 2018</b>         | <b>6,693</b>   | <b>4,916</b>          | <b>4,693</b>                       | <b>4,693</b>        | <b>4,693</b>         | <b>4,693</b>                    | <b>4,693</b>                           |
| <b>% Done, Jul-Sep 2018 Quarter</b> |  |                       | <b>96%</b>                         | <b>96%</b>          | <b>96%</b>           | <b>96%</b>                      | <b>96%</b>                             |
| <b>% Done, Apr-Jun 2018 Quarter</b> |  |                       | <b>95%</b>                         | <b>95%</b>          | <b>95%</b>           | <b>95%</b>                      | <b>95%</b>                             |

Source: RAP Team, DDCS&PMSC, June 2017, March & June 2018

| Background & Status 30 Jun 2018 – Package 02                                     | Status 30 Sep 2018  |
|--|---|
| IOL has been prepared.   | A computerized data sheet on household information and on the number of structures by category has been sent to Package-02 polder staff for further checking and verifying before generation of tables for updating the RAP.<br><br>PAVC will recommend unit rates for all affected structures and entitlement will thus be calculated. |
| PAVC meeting commenced during 2017. Unit rates were fixed in Polder 47/2 and 48. | Unit rates for structures, Tenants and wage labors have been fixed by PAVC for five (5) polders (40/2, 41/1, 43/2C, 47/2 and 48).   |
| GRCs formed, but not yet oriented/ trained; 1st meeting not yet conducted        | No change   |
| PRACs not yet formed   | Formation of PRAC is under process  |

### **Labor Influx**

As of 30 September 2018, there are 727 laborers in Package 02 and the labor profile is as follows:

- Gender – 725 male, 2 female.
- Skill Level – 167 skilled, 310 semi-skilled and 250 unskilled.
- Origin – 450 from same or adjoining district, 277 from other districts, 0 from abroad.
- Age – 311 are 18-25 years old, 401 are 25-50 years old, and 15 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 update   |
|---|--|
| <p>Household (HH) numbering and IoL survey have been completed in all 7 Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3).</p> <p>A total of 20 community consultation meetings has been held in 15 different locations in all Polders</p> <p>Records and information have been collected on previously acquired lands for 7 Polders (Polder-14/1, 15, 16, 17/1, 17/2, 23 and 34/3) from concerned BWDB O&amp;M Divisions DC offices (Khulna, Shatkira and Bagerhat).</p> <p>About 97% of mouza maps has been collected for the all polder of Package 03</p> | <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 &amp; 34/3 to DDCS&amp;PMS Consultant as per Terms of Reference (ToR) of Acquisition &amp; Requisition of Immovable Property Act 2017.</p> <p>LAP for Polder-15, 16 &amp; 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 &amp; 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> |

### 3.2.3 Outputs of B3: Implementation of EMF and EMPs

#### 3.2.3.1 Status of Submission and Review of Draft EIA Reports for Packages 1, 2 and 3

| Background and Status Prior Quarter   | 30 September 2018 status  |
|---|---|
| <p>Package 1 EIAs have been prepared for all Package 01 polders in May 2013 and these have been approved by the World Bank.</p>   | <p>Done.</p>  |
| <p>Environmental Clearance Certificates (ECC) for Package 01 have been issued by the Department of Environment on 08 Oct 2015 and must be renewed annually. The renewal request was made on 20 October 2016 via letter to the Director, DOE, Khulna Division and Bagerhat DOE District Office with copy to the Director General DOE headquarters in Dhaka. Renewed ECC has not yet been received. Jurisdictional issues have arisen with Districts level DOE claiming that renewal should be done at the district level. The project works with 6 districts and this will complicate the process of renewal every year.</p> <p>During quarter of Jan-March 2018, a request was prepared to the central Dhaka central DOE office that they continue to issue ECC</p> | <p>PMU has communicated with DoE and expects to get clearance by November 2018.</p> |

|  |   |
|--|---|
| renewals for CEIP-1 covering all packages. During the same quarter, a meeting was held among PMU-CEIP-1 and Director and Assistant Director of DOE on 07 March 2018. From the meeting, the Director of DOE suggested to submit the letter for renewal of ECC of Package 01 & Package 02 with the application of new ECC for Package 03.  |   |
| On supplemental EIA report for Additional Bank Protection Works of Package 01 polders, comments from WB have been received. The DDSC & PMS Consultants have been working to address these comments.  | Same as previous quarter.<br><br>Pending decision for the additional financing for the additional bank protection works may delay finalization of EIA.  |
| Package 2 EIAs – Done. They were first done in draft in 2015 and these have been further elaborated through iterative reviews of PMU, M&E Consultants, IPOE and World Bank. IPOE for Environment, Water Management gave concurrence on February 6, 2017. Submitted to WB and approved in March 2017.   | Done.   |
| For Package 3 EIAs, CEGIS of DDSC&PMS Consultant has been considering all the comments received on the model EIA for Polder 34/3 to prepare remaining six EIAs of the Package 03. On 27 and 31 December 2017, respectively, the DDSC&PMS Consultants submitted the EIA for Polder 16 and 17/1 to PMU. Polder 16 EIA was forwarded to IPOE and World Bank for review on 28 December 2017. All the 7 EIAs of package W-3 are planned to be accomplished by March 2018. | All the 7 EIA reports (for polders 14/1, 15, 16, 17/1, 17/2, 23 and 34/3) have been reviewed and adjusted by DDSC&PMSC to respond to the World Bank's comments. During the reporting period 3 EIAs were submitted to PMU and other 4 EIAs were submitted to PMU during previous quarter. So, all the EIAs have been submitted to PMU for next course of action. |

**Table 43: Status of EIA Preparation**

| Pkg No | Polder                             | Field investigation status            | Draft to PMU  | Comment from PMU/ M&E*       | Draft to WB                            | Comment from WB                                  | Actual Date Final Draft to WB | Target Date for Final Draft to WB | WB concurs   | DoE Issues First Annual ECC |
|--------|------------------------------------|---------------------------------------|---|------------------------------|--|--|-------------------------------|-----------------------------------|--------------|-----------------------------|
| 1      | 32,33, 35/1, 35/3                  | Done                                  |   |                              |  |  | May & June 2013               |                                   | Yes          | 08 Oct 2015                 |
| 2      | 39/2C, 40/2, 41/1, 43/2C, 47/2, 48 | Done                                  | 13 Sep 15 to 03 Feb 16                              | 02 Nov 15                    | 03 Nov 15 to 29 Sep 16                 | 17 Nov 15 to 12 Jun 16                           | 05 Feb 17                     | Aug 2016                          | Yes Mar 2017 | 07 Mar 2017                 |
| 3      | 14/1 15 16 17/1 17/2 23            | Completed in the Jan-Mar 2018 quarter | 34/3 model EIA submitted 30 Mar 17; P-16 and P-17/1 | Comments provided April 2017 | 34/3 model EIA submitted 30 March 2017 | Comments provided 11 May 2017 and again Aug 2017 | Jun 2017 for 34/3             | May 2018                          |              |                             |

|      |  |                                  |  |  |  |  |  |  |  |
|------|--|----------------------------------|--|--|--|--|--|--|--|
| 34/3 |  | submitted<br>27 & 31 Dec<br>2017 |  |  |  |  |  |  |  |
|------|--|----------------------------------|--|--|--|--|--|--|--|

Source: PMU, DDCS&PMSC and M&E Consultant records

### 3.2.3.2 Status of Environmental Action Plan (EAP) and C-ESMP

| Background and Status Prior Quarter  | Current Quarter update  |
|--|---|
| <p>During the reporting period, 4 EAPs W01 have again been updated based on World Bank Comments and submitted to DDCS&amp;PMS Consultants, who further reviewed them and submitted to PMU during March and April, 2018 (3<sup>rd</sup> version) for their onward transmission to the World Bank. Hence, updated EAPs of Package 1 have been submitted to WB on 26 April 2018.</p> <p>The Contractor routinely reports compliance with the EAP and the DDCS&amp;PMS Consultants, PMU staff and M&amp;E Consultants review EAP reporting and monitor compliance.</p> | <p>Same as previous quarter.</p> <p>The Contractor routinely reports compliance with the EAP and the DDCS&amp;PMS Consultants, PMU staff and M&amp;E Consultants review EAP reporting and monitor compliance.</p> |
| <p>The Package-1 Contractor has conducted an intensive program of monthly environmental training during the July-September 2018 period. Total 1,876 participants (staff and workers) were trained, allowing for double-counting wherein one person may have been trained more than once as would be the case for refresher training or training in additional topics.</p> <p>The Package-2 Contractor has also conducted a robust program of monthly environmental training during the reporting period</p>  | <p>Training continues for both packages.</p>  |
| <p>During the reporting period the revised C-ESMPs W02 were under review by the DDSC&amp;PMS Consultants, PMU and M&amp;E Consultants. The updated C-ESMPs for the 6 six polders of Package-2 were submitted to PMU during the reporting period, (2<sup>nd</sup> version) for their onward transmission to the World Bank; they were submitted to the World Bank on May 23, 2018.</p> <p>Compliance being monitored.</p>   | <p>WB's comments have not received from WB yet.</p> <p>Compliance being monitored.</p>  |

### 3.2.3.3 Environmental Training

The training that has taken place during July-September 2018 is as shown in the Table 47 below.

**Table 44: Environmental Training of Contractor expatriate and local workers - Package W-01 during July-September 2018**

| Month          | No. of Events | Number of trainees | Location                   |
|----------------|---------------|--------------------|----------------------------|
| July 2018      | 55            | 640                | Polder-32, 33, 35/1 & 35/3 |
| August 2018    | 37            | 581                | Polder-32, 33, 35/1 & 35/3 |
| September 2018 | 28            | 655                | Polder-32, 33, 35/1 & 35/3 |

|                      |     |       |  |
|----------------------|-----|-------|--|
| <b>Quarter Total</b> | 120 | 1,876 |  |
|----------------------|-----|-------|--|

Source: Training report of Contractor W-01

**Table 45: Environmental Training of Contractor expatriate and local workers - Package W-02 during July-September 2018**

| Month                 | No. of Events | Number of trainees | Location                           |
|-----------------------|---------------|--------------------|------------------------------------|
| <b>July 2018</b>      | 9             | 149                | Polder-39/2C, 40/2, 41/1, 47/2, 48 |
| <b>August 2018</b>    | 5             | 138                | Polder-39/2C, 40/2, 41/1, 47/2, 48 |
| <b>September 2018</b> | 9             | 185                | Polder-39/2C, 40/2, 41/1, 47/2, 48 |
| <b>Quarter Total</b>  | 23            | 472                |                                    |

Source: DDCS&PMS Consultant's reports covering only August and September 2018

Note: A person is counted each time they receive training, thus they are counted multiple times if they participated in more than one training.

**Table 46: Environmental Training Conducted by DDSC &PMS Consultants and PMU for Contractor Package-2**

| No. of Events   | No. of trainees | Location             |
|-----------------|-----------------|----------------------|
| 1               | 20              | Polder 39/2C         |
| 1               | 14              | Polder 40/1 and 40/2 |
| 1               | 7               | Polder 47/2 and 48   |
| <b>Total: 3</b> | <b>41</b>       |                      |

### 3.2.3.4 Bi-Annual Environmental Monitoring Report

| Background and Status Prior Quarter  | Current Quarter update   |
|--|--|
| Four such reports have been prepared to date through a collaboration of PMU, M&E Consultants and DDCS&PMS Consultants. | Bi-Annual Environmental Monitoring Report #5 for January-June 2018 was prepared during the reporting period and submitted to WB. |

### 3.2.3.5 Field-Level Environmental Compliance

| Background and Status Prior Quarter   | Current Quarter update  |
|---|---|
| <p>Environmental compliance monitoring has been carried out during the reporting period from a variety of agencies such as DDCS&amp;PMS Consultants, PMU and M&amp;E Consultants. Contractor has been submitting the EMP compliance implementation and monitoring reports twice in a month to DDCS&amp;PMS Consultants. Those reports have been reviewed and guidance provided by the DDCS&amp;PMS Consultants, PMU and M&amp;E Consultants to improve the implementation and monitoring of the EMP by the contractor.</p> <p>The monitoring from different agencies found that Environmental compliance and awareness have improved substantially as evidenced by increased use of PPE, improved facilities, signage, erection of protective fencing, existence of</p> | <p>Contractor continues to submit the EMP compliance implementation and monitoring reports twice in a month.</p> <p>Environmental awareness and compliance continue to improve, though some areas of non-compliance continue to be found during field visits.</p> |

documentation, and training etc.

### 3.2.3.6 Annual Environmental Audit

| Background and Status Prior Quarter   | Current Quarter update |
|---|------------------------|
| Annual Environmental Audit #1 covering January –December 2016 was submitted as required on 7 February 2017.     | No activity scheduled. |
| Annual Environmental Audit #2 covering January –December 2017 was submitted by the deadline of 7 February 2018. |                        |

### 3.2.3.7 Environmental Field Visits Conducted

During this reporting period, the following field visits were carried out by the environmental personnel from different agencies.

| SI | Field visits by Environmental Personnel | Number of field visits during the quarter | Objective of the field visit  |
|----|---|---|---|
| 1  | 3 <sup>rd</sup> Party M&E Consultants   | 1   | Carried out by M&E Officer to monitor EHS issues in 4 polders of W01 areas.   |
| 2  | DDSC &PMS Consultants                   | 1   | Carried out by National Environmental Specialist to supervise and monitor the EMP implementation, to conduct training on EHS.                       |
| 3  | PMU                                     | -   | The field level Environmental Specialist, BWDB continued regular visit to supervise and monitor the EMP implementation, to conduct training on EHS. |

#### 3.2.3.1 Status of Afforestation

It was originally planned that NGOs will implement the afforestation work under CEIP-1 along with WMO formation, but considering the sustainability of the afforestation the authority decided that afforestation part will be cut from the NGOs scope and will be implemented by Bangladesh Forest Department (BFD). NGOs will however be hired for social mobilization as it was planned in the project. Accordingly a proposal was sent to World Bank with the concurrence of BFD and World Bank agreed the proposal. After observing other formalities a MOU has been signed between BFD and BWDB.

As per the MOU afforestation activities in Polder 47/2 under Kalapara upazila of Patuakhali district have started. Secretary, Ministry of Water Resources, Govt of Bangladesh has inaugurated the afforestation program in Polder 47/2 on 17 August 2018.

In accordance with the MOU, contract agreement have been signed between the respective Executive Engineer, BWDB and Divisional Forest Officer, BFD as follows:

- Polder 47/2 & 48 under Package-2 signed on August 12, 2018
- Polder 35/1 & 35/3 under Package-1 signed on October 8, 2018
- Polder 32 & 33, under Package-1 signed on 10 October 2018

Contract agreements for other polders are expected to be signed very soon.

The total length of Polder 47/2 is about 17 kilometers. It is estimated that more than 60,000 seedlings could be planted in this polder. It has been planned that 37,500 seedlings would be planted in the embankment slopes of Polder 47/2 during this monsoon period. It is known from the field that 15,000 seedlings were already planted through August 2018. Another 18,000 seedlings have been planted along the embankment slopes in September 2018. Nursery will be raised for the remaining seedlings close to the planting site. Nursery raising activities will be started very soon and with these nursery stocks, planting will be done during next monsoon period from May-August 2019.

It is expected that most of the areas of 2 polders (Polder 48 and 40/2) under Package-2 and most of the areas of 3 polders (Polder 32, 33 and 35/3) under Package-1 will be ready for afforestation by May 2019. Preparation is being taken to establish nurseries to supply those areas with seedlings as well during next monsoon period.

The selection of nursery sites for all the above polders has been completed. Divisional Forest Officers are now preparing the estimates for raising the seedlings in the nursery and are preparing the tender documents for procuring the polybags, soil and other nursery materials.

**Table 47: Afforestation Targets**

| SL No. | Polder No. | Afforestation (ha) |
|--------|------------|--------------------|
| 1      | 32         | 35.4               |
| 2      | 33         | 41.7               |
| 3      | 35/1       | 25.8               |
| 4      | 35/3       | 20.94              |
|        | Package 01 | 123.84             |
| 5      | 39/2C      | 11.27              |
| 6      | 40/2       | 17.06              |
| 7      | 41/1       | 19.81              |
| 8      | 43/2C      | 13.43              |
| 9      | 47/2       | 9.73               |
| 10     | 48         | 16.89              |
|        | Package 02 | 88.19              |
| 11     | 14/1       | 17.37              |
| 12     | 15         | 6.02               |
| 13     | 16         | 24                 |
| 14     | 17/1       | 29.53              |
| 15     | 17/2       | 8.45               |
| 16     | 23         | 19.04              |
| 17     | 34/3       | 12.48              |
|        | Package 03 | 116.89             |
|        | Total      | 328.92             |

Source: Afforestation Report, March 2013



### 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. Overall a construction site supervision system is operational and being improved. The Contractor submitted a revised quality assurance manual in early 2016.

#### 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 remaining 9.1 kms of paved road which are still to be designed and the 8 closure dams which have not yet been designed.

**Table 48: Status of Design for Package 02**

| Sl No.                 | Polder | Embankment (Km) |                 |                 | Drainage Channel (Km) |                 |                 | Drainage Sluice (No.) |                 |                 | Flushing Sluice (No.) |                 |                 | River Bank Protection Works (Km) |                 |                 |
|------------------------|--------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|----------------------------------|-----------------|-----------------|
|                        |        | 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   | 34.4            | 34.4            | 34.4            | 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  | 25.7            | 25.7            | 25.7            | 28.25                 | 28.25           | 28.25           | 8                     | 8               | 8               | 15                    | 15              | 15              | 0.5                              | 0.5             | 0.5             |
| 5                      | 47/2   | 17.55           | 17.55           | 17.55           | 9.7                   | 9.7             | 9.7             | 4                     | 4               | 4               | 5                     | 5               | 5               | 0.52                             | 0.52            | 0.52            |
| 6                      | 48     | 38              | 38              | 38              | 33.1                  | 33.1            | 33.1            | 6                     | 6               | 6               | 3                     | 3               | 3               | -                                | -               | -               |
| <b>Total 30 Sep 18</b> |        | 208.71          | 208.71          | 208.71          | 188                   | 188             | 188             | 50                    | 50              | 50              | 70                    | 70              | 70              | 5.395                            | 5.395           | 5.395           |
| <b>Total 30 Jun 18</b> |        | 208.71          | 208.71          | 208.71          | 188                   | 188             | 188             | 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.) |   |   |
|                        |        |  | 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   | -                                      | -               | -               | 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   | -                                      | -               | -               | -               | -                    | -               | -               | -               | -               | -             | -           | -                     | 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 |
| <b>Total 30 Sep 18</b> |        | 9.387                                  | 9.387           | 9.387           | 17.40           | 8.30                 | -               | 50.29           | 50.29           | 50.29           | 8             | 8           | -                     | 6                     | 6      | 6                     | 6                     | 6 | 6 |
| <b>Total 30 Jun 18</b> |        | 9.387                                  | 9.387           | 9.387           | 17.40           | 8.30                 | -               | 50.29           | 50.29           | 50.29           | 8             | 8           | -                     | 6                     | 6      | 6                     | 6                     | 6 | 6 |

Source: DCS&PMS Consultant

**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 mobilized 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.

**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. Design is estimated to be about 25% as of 30 September 2018, essentially unchanged from 30 September 2017.

**Table 49: Status of Design for Package 03**

| SI No.           | Polder | Embankment (Km) |                 |                 | Drainage Channel (Km) |                 |                 | Drainage Sluice (No.) |                 |                 | Flushing Sluice (No.) |                 |                 |
|------------------|--------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
|                  |        | Target          | Achievement     |                 | Target                | Achievement     |                 | Target                | Achievement     |                 | Target                | Achievement     |                 |
|                  |        |                 | Design Prepared | Design Approved |                       | Design Prepared | Design Approved |                       | Design Prepared | Design Approved |                       | Design Prepared | Design Approved |
| 1                | 14/1   | 31.25           | 31.25           | 0               | 13.23                 | 0               | 0               | 5                     | 0               | 0               | 4                     | 0               | 0               |
| 2                | 15     | 30.5            | 30.5            | 0               | 15.44                 | 0               | 0               | 4                     | 0               | 0               | 4                     | 0               | 0               |
| 3                | 16     | 45              | 45              | 0               | 47.9                  | 0               | 0               | 15                    | 0               | 0               | 10                    | 0               | 0               |
| 4                | 17/1   | 38.5            | 38.5            | 0               | 35.8                  | 0               | 0               | 10                    | 9               | 0               | 0                     | 0               | 0               |
| 5                | 17/2   | 11              | 11              | 0               | 12.4                  | 0               | 0               | 3                     | 3               | 0               | 0                     | 0               | 0               |
| 6                | 23     | 37              | 37              | 0               | 31.5                  | 0               | 0               | 12                    | 12              | 0               | 12                    | 0               | 0               |
| 7                | 34/3   | 17              | 17              | 0               | 11.1                  | 0               | 0               | 3                     | 3               | 0               | 6                     | 0               | 0               |
| Total 30 Sep 18  |        | 210.25          | 210.25          | 0               | 167.37                | 0               | 0               | 52                    | 27              | 0               | 36                    | 0               | 0               |
| Total 31 June 18 |        | 210.25          | 210.25          | 0               | 167.37                | 0               | 0               | 52                    | 27              | 0               | 36                    | 0               | 0               |

| SL. No.          | Polder | River Bank Protection Works (Km) |                 |                 | Embankment Slope Protection (Km) |                 |                 | Gates & Hoists        |                 |                 |                       |                 |                 |
|------------------|--------|----------------------------------|-----------------|-----------------|----------------------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
|                  |        | Target                           | Achievement     |                 | Target                           | Achievement     |                 | Drainage Sluice (No.) |                 |                 | Flushing Sluice (No.) |                 |                 |
|                  |        |                                  | Design Prepared | Design Approved |                                  | Design Prepared | Design Approved | Target                | Design Prepared | Design Approved | Target                | Design Prepared | Design Approved |
| 1                | 14/1   | 1                                | 0               | 0               | 6.86                             | 0               | 0               | 1                     | 0               | 0               | 1                     | 0               | 0               |
| 2                | 15     | 0.1                              | 0               | 0               | 4.44                             | 0               | 0               | 1                     | 0               | 0               | 1                     | 0               | 0               |
| 3                | 16     | 0.3                              | 0               | 0               | 1                                | 0               | 0               | 1                     | 0               | 0               | 1                     | 0               | 0               |
| 4                | 17/1   | 0                                | 0               | 0               | 0                                | 0               | 0               | 1                     | 0               | 0               | 0                     | 0               | 0               |
| 5                | 17/2   | 0.25                             | 0               | 0               | 0                                | 0               | 0               | 1                     | 0               | 0               | 0                     | 0               | 0               |
| 6                | 23     | 0                                | 0               | 0               | 3                                | 0               | 0               | 1                     | 0               | 0               | 1                     | 0               | 0               |
| 7                | 34/3   | 0                                | 0               | 0               | 0                                | 0               | 0               | 1                     | 0               | 0               | 1                     | 0               | 0               |
| Total 30 Sep 18  |        | 1.65                             | 0               | 0               | 15.3                             | 0               | 0               | 7                     | 0               | 0               | 5                     | 0               | 0               |
| Total 31 June 18 |        | 1.65                             | 0               | 0               | 15.30                            | 0               | 0               | 7                     | 0               | 0               | 5                     | 0               | 0               |

Source: DCS&PMS Consultants Monthly Progress Reports, June and September 2018

### 3.3.3.2 Preparation of Bidding Documents for Package 03

Progress of this task as of 30 June 2018 remains about 20% complete for the last six quarters.

### 3.3.3.3 Construction Supervision for Package 03

No activities as contract for Package 03 has not yet commenced.

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

Key accomplishments July - September 2018 include:

- Entered and continued to clean 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.
- Undertook review of Package 03 EIAs.
- Prepared the 11<sup>th</sup> Quarterly Progress Report
- Made field visits for monitoring of implementation, safeguards compliance and consultation with PAPs.
- Advanced the development of the web-based PMIS.

#### Achievement Compared to Plan

The M&E Consultants' services are generally on schedule, though the consultative process surrounding the finalization of the Comprehensive M&E Framework and Strategy and survey instruments has meant a delay in the start of the baseline survey work and the lag between Package 01 and 02 necessitates a second baseline be undertaken.

**Table 50: M&E Achievement versus Plan**

| Task Groups and Major Tasks  | Status and Background Previous Quarter   | Activities During the July-September 2018 Quarter  |
|--|--|--|
| Task Group 1 – Mobilize and Prepare Inception Report               | Fully completed on schedule. Inception report submitted on 26 Dec 2015 (due 31 Dec). Final version incorporating comments from workshop was issued in February 2016. | Done earlier.  |
| Task Group 2 – Prepare Comprehensive M&E Framework and Strategy    | All tasks completed per schedule, with draft submitted on 11 Feb 2016 (due 15 Feb). Final version incorporating comments from workshop was issued in June 2016.      | Done earlier.  |
| Task Group 3 – Develop and Maintain a Comprehensive Web-Based PMIS | Beta version has been shared with key stakeholders and changes have been made in response to feedback.   | Dashboard of web based PMIS in each indicator have been uploaded based on September 2018, progress of overall of CEIP-1. Dynamic data has been preparing for web site, which will be uploaded in the next quarter. |
| Task Group 4 – Develop Baselines                                   | Questionnaires, sampling methodology done. Sampling frames developed and primary data collection done for first round. A second-round baseline and midline survey is | Data entry has been completed for midline survey in Package-01 and baseline in Package-02.   |

| Task Groups and Major Tasks   | Status and Background Previous Quarter   | Activities During the July-September 2018 Quarter                             |
|---|--|---|
|   | underway in March-April 2018 to capture Package 02 baseline conditions and provide a benchmark of conditions in Package 01.  | Now, 2 <sup>nd</sup> level data cleaning and consistency check is to be done. |
| Task Group 5 – Monitor and Evaluate Project Implementation Progress and Establish Reporting System  | See details below  | See details below   |
| <ul style="list-style-type: none"> <li>Develop/Improve Standard Input/ Output Formats for Data Collection and Reports</li> </ul>            | Completed<br>The desired output content and its presentation (report, figures, maps, tables and electronic media presentations) are drive the type of input and organization of the data, the M&E Consultants have prepared outlines of each of the various reports. The development of survey questionnaires and other proformas that has captured the data and assisted in the development of the GIS linked PMIS data base that has been developed.   | Completed earlier.  |
| <ul style="list-style-type: none"> <li>Track Key Indicators and Carry Out Process Monitoring</li> </ul>                                     | Being implemented-<br>The process monitoring system may also be linked to M&E of operation risks and governance aspects as outlined under Task 5 of the ToR. We note the importance of process monitoring in the implementation of EMP, SAP, and RAP including the monitoring of grievances lodged and resolved successfully via the GRM. With this in mind, the monitoring survey is being conducted during the land acquisition and resettlement activities.                                     | Ongoing Monitoring and tracking of key indicators                             |
| <ul style="list-style-type: none"> <li>Assist PMU in its Preparation of RBM-Compliant Quarterly and Annual Reports</li> </ul>               | Being implemented-<br>M&E Consultants have reshaped the reporting as needed from the traditional reporting and physical progress to Result-Based Reporting wherein the processes, outcomes and impacts receive attention.  | Quarterly Report #11 cum Annual Report FY 2017/18 prepared.                   |
| <ul style="list-style-type: none"> <li>Provide Recommendations, Briefings and Support to PMU and PSC for Improved Implementation</li> </ul> | Being implemented-<br>The M&E team has been providing effective implementation support and preparing briefings for PMU and PSC. Key issues has been identified and practical recommendations provided based on the experience of the Consultant’s team. Successive PSC briefing has been tracking and report on the status/resolution of earlier issues, present any new issues and recommendations, and conclude with a time bound ation plan with responsibilities assigned to specific parties. | Ongoing.  |
| <ul style="list-style-type: none"> <li>Conduct Field Studies, Video</li> </ul>  | Being implemented-   | Ongoing   |

| Task Groups and Major Tasks  | Status and Background Previous Quarter  | Activities During the July-September 2018 Quarter   |
|--|---|---|
| Documentation  | Field visit on an ongoing basis to spot check the conditions in the field, the status of work, proper implementation of EMP, SAP and resettlement plans, to gauge beneficiary satisfaction of grievances, to appreciate the process of stakeholder participation, to assess Polder committee and/or strengthening etc. Field studies include field observation visits, photographic records with geo-referencing, video documentation of physical environment, video documentation of key interviews, case studies and technical measurement.   |   |
| <ul style="list-style-type: none"> <li>Supervise and Monitor EMF Implementation</li> </ul>           | <p>Being implemented:</p> <p>Ongoing monitoring of Environmental safeguard practices in the field;</p> <p>Ongoing feedback to take corrective measures in case of environmental non-compliance;</p> <p>Review the progress of implementation of Environmental mitigation measures and monitoring that is carried out by the DDSC &amp; PMSC and Contractors;</p> <p>Report on quarterly progress of environmental compliances of contractors and DDSC &amp; PMSC;</p> <p>Participate in bi-annual environmental monitoring process of CEIP-1;</p> <p>Conduct 1<sup>st</sup> and 2<sup>nd</sup> Annual Environmental Audits, Review and comment on EIAs of Package-1, 2 &amp; 3.</p>   | <p>Ongoing M&amp;E support to prepare reports;</p> <p>Ongoing active participation in the meeting of CEIP-1 progress that was called and chaired by the PD;</p> <p>Ongoing effort to address the feedback of the PD on M&amp;E Quarterly Progress Report;</p> <p>Ongoing review of implementation (e.g. Review MPR of DDSC &amp; PMSC and contractors).</p> |
| <ul style="list-style-type: none"> <li>Supervise and Monitor S/RPF and RAP Implementation</li> </ul> | <p>Being implemented-</p> <p>The monitoring of the S/RPF and polder specific RAP include close monitoring of the implementation of land acquisition procedures and compensation to affected persons for the loss of income resulting from the acquisition of leasehold land and in some cases, the replacement of land with an alternative plot. The monitoring also will cover the measures taken to mitigate the damage to property as result of improving flood control and drainage facilities. Based on ToR and World bank compliance, the monitoring of the RAP implementation as follow</p> <ul style="list-style-type: none"> <li>Finalizing RAP monitoring indicators, timelines, procedures, and reporting forms</li> <li>Analyzing and preparing recommendations related to the farms and persons who have experienced property damage, and have received, or may be eligible for compensation.</li> <li>Monitoring compensation payments and</li> </ul> | <p>Ongoing monitoring in the field</p> <p>Ongoing review of implementation</p>  |

| Task Groups and Major Tasks  | Status and Background Previous Quarter  | Activities During the July-September 2018 Quarter            |
|--|---|--|
|  | <p>procedures for approving and paying compensation</p> <ul style="list-style-type: none"> <li>• Preparing recommendations on compliance with the WB's resettlement policy</li> <li>• Participating as an observer in consultative meetings on land acquisition</li> <li>• Monitoring the timeliness of the allocation of funds for compensating affected parties, preparing respective recommendations on adjustment of measures</li> <li>• Monitoring land acquisition timelines and terms of temporary land acquisition, preparing recommendations on adjustment of timelines</li> <li>• Conducting baseline and updated surveys with affected farmers and households who experienced loss of land and/or damage to their land or property resulting from construction works under the Project.</li> </ul> |  |
| <ul style="list-style-type: none"> <li>• Monitor Performance of WMOs</li> </ul>                    | WMOs not yet formed   | WMOs not yet formed  |
| <ul style="list-style-type: none"> <li>• Promote Adoption of Improved Information Flows</li> </ul> | <p>Being implemented-</p> <p>Based on consultations with PMU, BWDB, MOWR, WB staff and other key information, the existing process of data collection and information flows have been assessing and constraints and opportunities documented. Information flows the fully meets the standards of a modern Results-Based M&amp;E system has been outlined.</p>   | Being implemented  |
| <ul style="list-style-type: none"> <li>• Prepare Quarterly and Annual Reports</li> </ul>           | <p>QPR#1 through #10 prepared.<br/>First and Second Annual Reports prepared covering FY 2015/16 and FY 2016/17.</p>   | QPR #11 and Third Annual Report prepare covering FY 2017/18. |
| <ul style="list-style-type: none"> <li>• Prepare Mid Term Progress Report</li> </ul>               | Prepared in January 2017.   | None.  |
| <ul style="list-style-type: none"> <li>• Prepare Special Reports</li> </ul>                        | <p>Various field visit reports prepared; briefing documents prepared for multiple World Bank missions; contributed to 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> Bi-Annual Environmental Monitoring Report; Prepared 1<sup>st</sup> and 2<sup>nd</sup> Annual Environmental Audit Report.</p>  | None.  |
| <p>Task Group 6 – Monitor and Evaluate Project Impacts and Performance</p>                         | <p>Prepared Performance Brief for Mid-Term Review of January 2017.<br/>Ongoing monitoring in the field<br/>Ongoing review of implementation</p>   | None.  |

| <b>Task Groups and Major Tasks</b>  | <b>Status and Background Previous Quarter</b>  | <b>Activities During the July-September 2018 Quarter</b> |
|---|--|--|
| Task Group 7 – Strengthen Capacity of PMU and Implementing Agencies in M&E and PMIS | Orientation provided to key stakeholders to the PMIS via a workshop, and subsequent presentations. | No activity this quarter.                                |

Source: M&E Consultants

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

The contract was signed on 4 October 2018 after an extended negotiation.



### 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 51: Status of PMU Institutional Setup**

| Sl. | Action Item   | Status<br>30 June 2018  | Status<br>30 Sep 2018  |
|-----|---|---|--|
| 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 31 Mar 2018 submitted to WB ahead of schedule and stands accepted.   | IUFR for 30 June 2018 submitted by deadline and stands accepted. |
| 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.   | Audit for FY 2017/18 not yet due.<br>FAPAD audit for FY 2016/17 completed   | 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.   | Not yet due.  | Not yet due.   |
| 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.    |  |
| 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  |

| Sl. | Action Item   | Status<br>30 June 2018   | Status<br>30 Sep 2018 |
|-----|---|--|-----------------------|
| 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.<br>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 Financial Management

**Table 52: Status of Financial Management Arrangements**

| Sl. | Activity   | Status – 31 June 2018  | Status - 30 Sep 2018 |
|-----|--|--|----------------------|
| 1   | IUFR for future quarters                             | On track   | On track             |
| 2   | Finalization of Internal Audit plan for FY 2016-2017 | Will propose to eliminate this requirement as BWDB capacity for such audits is limited and it would be redundant with the FAPAD audit. | Same                 |

### 3.4.1.3 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 D2: Technical Assistance and Training

A training/exposure visit for senior staff of BWDB to Netherlands was undertaken in November/December 2017, but no training during the current quarter.

### 3.4.3 Outputs of D3: Strategic Studies and Future Project Preparation

The procurement process planned to start in the current FY (July 2017 to June 2018) according to the new Procurement Plan. The DDCS&PMS Consultants have drafted a background paper and BWDB has prepared a draft ToR.

## 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 no change in the KPI during the quarter. A more detailed table showing targets and achievements is found in Annex 7.

**Table 53: Summary Status of Key Performance Indicators per PAD/DPP**

| S. No. | PDO Indicators per PAD/DPP  | Indicator Type | Total Project Target | Cumulative Value as of 30 Jun 2018  | Cumulative Value as of 30 Sep 2018  |
|--------|---|----------------|----------------------|---|---|
| 1      | Gross area protected  | outcome        | 100,800 ha           | 0   | 0   |
| 2      | Direct beneficiaries from increased resilience to climate change (number) and % women (PPCR core indic. A1.3)                             | outcome -core  | 760000 (50% women)   | 0   | 0   |
| 3      | Cropping intensity  | outcome        | 180                  | TBD baseline  | TBD baseline  |
| 4      | Contingent Emergency Appropriation  | input          | No target            | Not triggered   | Not triggered   |
| 5      | Length of Upgraded Embankment   | Output         | 623 kms              | 62.8  | 111.3 as follows:<br>92.74 kms done (Pkg 01)<br>18.60 kms done (Pkg 02);                  |
| 6      | Drainage structures replaced and upgraded   | output         | 129 no               | Pkg-1: 23 nos done;<br>9 nos. are in progress.<br>Pkg-2: none done; 1 no is in progress   | Pkg-1: 29 nos done;<br>5 nos. are in progress.<br>Pkg-2: none done; 1 no is in progress   |
| 7      | Regulators upgraded   | output         | 134 no               | 0   | 0   |
| 8      | Flushing inlets upgraded  | output         | 244 no               | Pkg-1: 15 nos done;<br>5 nos. are in progress.<br>Pkg-2: none done; 8 nos are in progress | Pkg-1: 18 nos done;<br>4 nos. are in progress.<br>Pkg-2: none done; 8 nos are in progress |
| 9      | Length of drainage channels upgraded  | output         | 794 km               | Pkg-1: 27.51 kms done   | Pkg-1: 27.51 kms done   |
| 10     | Area Afforested (PPCR core indic. B3)   | output -core   | 300 ha               | 0   | 0   |
| 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   | 0   |
| 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   | 0   |
| 14     | BWDB days of training provided (total person-days)(women person-days)   | output -core   | 160 days             | 45<br>(461 p-days)<br>(66 w-days)   | 45<br>(461 p-days)<br>(66 w-days)   |
| 15     | Grievance Redress Committees (GRC) established  | output         | 17 no of polders     | 10 polders<br>(Pkg-01: 15 GRC, functioning;<br>Pkg-02: 21 GRC formed)                     | 10 polders<br>(Pkg-01: 15 GRC, functioning;<br>Pkg-02: 21 GRC formed)                     |

## 5. PLANS FOR THE NEXT TWO QUARTERS AND BEYOND

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

#### 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

| SI | Activity                     | Contract Quantity as to be Amended | Done through June 2017 |       | Done from Jul 2017-June 2018 |       | Total Program for 2018-19 |      |
|----|------------------------------|------------------------------------|------------------------|-------|------------------------------|-------|---------------------------|------|
|    |                              |                                    | Full                   | Part  | Full                         | Part  | Full                      | Part |
| 1  | Embankment                   | 203.55 kms                         | 27.86                  | 54.30 | 44.95                        | 99.59 | 110.00                    | 0.00 |
| 2  | Drainage Channel excavation  | 148.51 kms                         | 10.95                  | 0     | 28.80                        | 0     | 101.00                    | 0.00 |
| 3  | Drainage Sluice construction | 38 nos.                            | 0                      | 11    | 20                           | 11    | 19.00                     | 0.00 |
| 4  | Drainage Sluice repair       | 2 nos.                             | 0                      | 0     | 0                            | 2     | 2.00                      | 0.00 |
| 5  | Flushing Sluice construction | 33 nos.                            | 0                      | 2     | 15                           | 4     | 22                        | 0.00 |
| 6  | Flushing Sluice repair       | 30 nos.                            | 0                      | 2     | 0                            | 7     | 30                        | 0.00 |
| 7  | Slope protection             | 22.975 kms                         | 0.20                   | 0     | 3.65                         | 0     | 10.00                     | 0.00 |
| 8  | River Bank protection        | 4.25 kms                           | 0                      | 0.40  | 2.14                         | 0     | 1.80                      | 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.

| SI | Activity   | Contract Quantity | Done through June 2017 |                   | Done from Jul 2017-June 2018 |      | Total Program for 2018-19 |      |
|----|--|-------------------|------------------------|-------------------|------------------------------|------|---------------------------|------|
|    |  |                   | Full                   | Part              | Full                         | Part | Full                      | Part |
| 1  | Embankment   | 209 kms           | Nil as mobilizing      | Nil as mobilizing | 18.6                         | 3.3  | 50.335                    | 0.00 |
| 2  | Drainage Channel excavation                              | 188 kms           |                        |                   | 0.74                         |      | 39                        | 0.00 |
| 3  | Drainage Sluice construction                             | 50 nos.           |                        |                   | 0                            | 1    | 19                        | 0    |
| 4  | Drainage Sluice repair                                   | 6 nos.            |                        |                   |                              |      | 5                         | 0    |
| 5  | Flushing Sluice construction                             | 73 nos.           |                        |                   | 0                            | 8    | 16                        | 0    |
| 6  | Flushing Sluice repair                                   | 8 nos.            |                        |                   |                              |      | 8                         | 0    |
| 7  | Slope protection   | 9.5 kms           |                        |                   |                              |      | 2.40                      | 0.00 |
| 8  | River Bank protection                                    | 5.40 kms          |                        |                   |                              |      | 2.90                      | 0.00 |
| 9  | Closure  | 8 no.             |                        |                   |                              |      | 2                         | 0    |
| 10 | Road Pavement on embankment and road crossing embankment | 51 kms            |                        |                   |                              |      | 0                         | 0    |
| 11 | RCC Flood Wall construction                              | 17 kms            |                        |                   |                              |      | 0                         | 0    |

### 5.1.1.3 Works Package 03

| Ref | Activity                               | Target Date per World Bank MTR Mission | Status  |
|-----|--|--|---|
| 1   | Package W-03 Bidding Document prepared | 15 June 2017                           | Preparations are to continuing, although delayed. Now projected to be ready in early 2019.  |
| 2   | Detailed Design of Package W-03        | 30 June 2017                           | The Detailed Design activities are to continue as agreed during the MTR mission. May be completed in late 2018 as the DDCS&PMS Consultants have only one design engineer in place at this time. |

### 5.1.2 Planned Output of A2: Afforestation

Divisional Forest Officers are now preparing the estimates for raising the seedlings in the nursery and are preparing the tender documents for procuring the polybags, soil and other nursery materials. The nursery for seedling raising for embankment plantation will be started from this month and it will be continued till February 2019. The nursery for golpata seedlings will be started in February 2019. All the seedlings will be planted from May-June 2019. The time schedule for afforestation with major activities are given below in a tabular form:

| Item of works/activities   | Time Schedule for the given task |                                   |   |  |
|--|----------------------------------|-----------------------------------|---|--|
|  | Nypa plantation                  | Kewra/Baen plantation in seed bed | Gewa/Passur/Sundri/Kankra in polybags                 | Embankment slope plantation-non-mangrove in polybags |
| <b>a) Nursery raising</b>  |                                  |                                   |   |  |
| Selection of plant species   |                                  |                                   |   |  |
| Site selection   | February                         | June-July                         | June  | November   |
| Site preparation including bed preparation and enclosure of nursery/earthen embankment | Mid February                     | Mid June-July                     | Mid June-mid July                                     | November   |
| Seed collection  | Mid February-April               | August-September                  | August  | November-February                                    |
| Polybag collection   | Not applicable                   | Not applicable                    | Before June   | Before December                                      |
| Soil collection  | Not applicable                   | Not applicable                    | Before April  | November-mid December                                |
| Cowdung/compost and Fertilizer collection  | Not applicable                   | Not applicable                    | Before April  | November-mid December                                |
| Mixing of cowdung and fertilizer with soil and filling of bags                         | Not applicable                   | Not applicable                    | Before April. Atleast 15 days before filling the bags | Till mid January                                     |
| Seed sowing  | Mid February - April             | Mid August-September              | Mid June- July  | December-February                                    |
| Seedling maintenance   | Mid February-May                 | Mid August-next June              | Up to May-June next year                              | February-May   |

| Item of works/activities   | Time Schedule for the given task                                       |  |  |  |
|--|--|--|--|--|
|  | Nypa plantation  | Kewra/Baen plantation in seed bed  | Gewa/Passur/Sundri/Kankra in polybags                                  | Embankment slope plantation-non-mangrove in polybags                   |
| <b>b) Planting</b>   |  |  |  |  |
| Selection of site, survey the site and prepare plantation site map.  | March  | November-February  | May – June   | January-February   |
| Preparation of mounds/dykes  | Not applicable   | Not applicable   | Not applicable   | Not applicable   |
| Cleaning of unwanted growths by cutting them off.                    | Within May   | 7-10 days before the plantation  | Mid May. 7-10 days before the plantation                               | End of April. 7-10 days before the plantation                          |
| Pit making   | Not applicable   | Not applicable   | May  | 2 <sup>nd</sup> -3 <sup>rd</sup> week of April.                        |
| Application of cowdung/composts                                      | Not applicable   | Not applicable   | 7-10 days before planting of seedlings                                 | 7-10 days before planting of seedlings (May-June)                      |
| Staking  | 2-3 days before the planting   | Not applicable   | 2-3 days before the planting   | 2-3 days before the planting   |
| Transportation of seedlings to the planting sites                    | May-June   | Next mid November-February   | 4 <sup>th</sup> week April-June  | May-June   |
| Planting of seedlings with subsequent vacancy fillings               | Just immediate after transportation of seedlings to the sites          | Just immediate after transportation to the sites   | Just immediate after transportation to the sites                       | Just immediate after transportation to the sites (May-June)            |
| Fixing of red flags indicating planting sites to avoid fishing.      | One week before the plantation   | Not applicable   | Not applicable   | Not applicable   |
| Application of fertilizer  | Not applicable   | Not applicable   | Minimum 2 weeks after planting   | Minimum 2 weeks after planting (mid May-June)                          |
| Weeding<br>1 <sup>st</sup> year means planting of the following year | 3 weedings in 1 <sup>st</sup> year, 2 weedings in 2 <sup>nd</sup> year | 3 weedings in 1 <sup>st</sup> year, 2 weedings in 2 <sup>nd</sup> year                                     | 3 weedings in 1 <sup>st</sup> year, 2 weedings in 2 <sup>nd</sup> year | 3 weedings in 1 <sup>st</sup> year, 2 weedings in 2 <sup>nd</sup> year |
| Vacancy fillings with staking  | 1 <sup>st</sup> year 20%   | 1 <sup>st</sup> year 30% and 2 <sup>nd</sup> year required number  | 1 <sup>st</sup> year 20% and 2 <sup>nd</sup> year required number      | 1 <sup>st</sup> year 20% and 2 <sup>nd</sup> year required number      |
| Pruning and climber cutting  | Not applicable   | Not applicable   | Not applicable   | By Watchers  |
| Watching   | 2.0 years i.e., 24 months after planting the seedlings.                | 2.0 years i.e., 24 months after planting the seedlings by the same watcher of embankment slope plantation. | 2.0 years i.e., 24 months after planting the seedlings.                | 2.0 years i.e., 24 months after planting the seedlings.                |

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

### 5.2.1 Planned Outputs of B1: Implementation of Social Action Plans

Recruitment and mobilization of NGOs for WMO formation and SAP is expected to be completed in the next two quarters. There are now five packages and the NGOs are being recruited using Consultant Qualification Selection (CQS) method of procurement wherein the best NGO (based on EOI) is invited to submit a proposal for a given package.

### 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:

- Issue notice under Section 7 for Polder 33 (5.87 ha) and Section 4 for Polder 35/1 (9.86 ha) as soon as possible.
- Complete the payment of compensation for all non-titled EPs (Wage labour, tenants).
- Pro-actively facilitate the payment of compensation for land by DCs to an increased number of titled EPs on going.
- Program for development of strategy and action plan for settlement of pending land legacy issues with timetable.
- Program for development of database of land ownership and land taking under existing embankments with timetable.
- Ensure PRAC will be 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: Approved by MoL (06.12.2017). Notice u/s-6 has been placed. Final estimate for payment is going on.
- Polder-40/2: Approved by MoL (13.03.2018). Out of 12.45 ha land, 0.78 ha pending due to court case. Preparation of estimate for payment is under process.
- Polder-41/1: Approved by MoL (13.03.2018) issuance of notices u/s-7 is going on.
- Polder-43/2C: DLAC (14.03.2018) Waiting for issuance of notices u/s-4
- Polder-47/2: Approved by MoL(05/04/2018) Preparation of estimate for payment is under process
- Polder-48: Approved by MoL (05/04/2018). Waiting for issuance of notices u/s-6
- Start the payment of compensation for Package 02 EPs – titled EPs
- Ensure PRAC is functional and pro-actively supporting PAPs that will be displaced and will be relocated in this dry season.

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

- LAP for Polder- 15, 16 & 23 will be submitted on 15.10.2018 & polder-14/1 will be submitted in the month of December.

Key milestones for the RAP and LAP of Packages 02 and 03 covering the next two quarters is presented in the table that follows.

| SN                | Activity   | Target Date per World Bank MTR mission | Status   | Revised Target Completion Date |
|-------------------|--|--|--|--------------------------------|
| <b>Overall</b>    |  |  |  |                                |
| 1                 | Program for development of database of land ownership and land taking under existing embankments with time table (representative sample from each package) | 30 April 2017                          | In process   | ASAP                           |
| 2                 | Program for development of strategy and action plan for settlement of pending land legacy issues with time table   | 30 June 2017                           | Report under preparation   | ASAP                           |
| <b>Package 02</b> |  |  |  |                                |
| 3                 | Formation and training/orientation of GRC for Package W-02   | 30 June 2017                           | GRCs formed. All GRCs to be trained.   | ASAP                           |
| 4                 | Formation and training/orientation of PRAC for Package W-02  | 31 August 2017                         | DDCS&PMS Consultants submitted proposed composition of PRAC to PMU in the current quarter.                                     | ASAP                           |
| 5                 | All steps for preparation of ID cards of EPs for Package W-02  | 31 August 2017                         | 96% complete as of 31 July 2018  | 31 Oct 2018                    |
| 6                 | Commence payment of non-titled EPs for Package W-02  | 30 Sept 2017                           | 1 <sup>st</sup> indent paid during current quarter; 2 <sup>nd</sup> indent to be paid in the next quarter.                     | 31 Dec 2018                    |
| 7                 | Obtain approval of Package 02 LAPs from MoL  | nr                                     | 39/2C, 40/2, and 41/1, 47/C approved so far with the recent approval of 43/2. Remaining Polder 48 of Package 02 to be approved |                                |
| <b>Package 03</b> |  |  |  |                                |
| 8                 | Collection of information from BWDB local offices on previously acquired land for Package W-03   | nr                                     | Completed, including for Polder 14/1 and 15.   | 31 Dec 2018 for Polder 14/1    |
| 9                 | Collection of Khatians From Union level Tahsil Offices for Package W-03  | nr                                     | 17/1, 17/2, 15, 23, 34/3– completed.<br>14/1 and 15 pending.   | 31 Dec 2018 for Polder 14/1    |
| 10                | Preparation of plot schedule for Package W-03  | nr                                     | 31 July 2018 - completed   | Completed                      |



| SN | Activity                   | Target Date per World Bank MTR mission | Status  | Revised Target Completion Date |
|----|----------------------------|--|---|--------------------------------|
| 11 | RAP Prepared and Submitted | nr                                     | IOL survey and household numbering completed after obtaining final decisions by engineering team on the alignment in Polders 14/1 and 15. | Completed                      |

### 5.2.3 Planned Outputs of B3: Implementation of EMF and EMPs

The key actions for the next two quarters are presented in the table below.

| SI | Activity  | Target Date      | Status  | Revised Target Completion Date     |
|----|---|------------------|---|------------------------------------|
| 1  | Finalize EIAs for the remaining 7 polders for Package W-03 to be approved   | 30 Sept 2017     | Out of 7, 5 are submitted to PMU for review and remaining two are under review by DDSC&PMS Consultants To adjust the comments received from World Bank. | December 2018                      |
| 2  | Consultation and disclosure for Package 07 EIAs at local and regional level via consultative workshops                | 31 October 2017  |   | November 2018                      |
| 3  | Prepare Bi-Annual Environmental Monitoring Report   | 31 January 2019  | All past reports submitted on time.   | Same.                              |
| 4  | Undertake Annual Environmental Audit  | 7 February 2019  | M&E Team completed and submitted past audits on time.   | Same.                              |
| 5  | Obtain renewal of ECC for Package 01  | ASAP             | Application pending since late 2016.  | November 2018                      |
| 6  | Obtain renewal of ECC for Package 02  | 7 March 2018     | Application pending since early 2018.   | November 2018                      |
| 7  | Finalize supplemental EIAs for additional bank protection works for Package 01 polders                                | ASAP             | Submitted to World Bank and comments received from World Bank.  | Same                               |
| 8  | Conduct of field visits for improvement of EMP compliance   | Continuous       | Field visits by DDSC &PMS Consultants, PMU and 3 <sup>rd</sup> Party M&E Consultants will continue.   | Continuous                         |
| 9  | DDCS&PMS Consultant to deliver environmental training for Pkg 02 staff, with cascade training to follow by Contractor | 28 February 2018 | Done by DDSC &PMSC and PMU during the reporting quarter, but additional training will be provided if needed.  | Done, but will continue as needed. |
| 10 | PMU, M&E and DDSC&PMS Consultant to assess effectiveness of cascade training strategy for Package 01                  | None stated      | Need to be defined  | Continuous                         |

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

### **5.3.1 Planned Outputs of C1: Detailed Design and Construction Supervision**

#### **5.3.1.1 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. All factual data reports under Package 3 are ready and are under review. The Package 03 detailed design work will be completed in the next two quarters, from its current 25% level (where it has stood for 1.5 years).

#### **5.3.1.2 Preparation of Bidding Documents**

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

#### **5.3.1.3 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 FY 2018/19 work program targets discussed in Section 5.1.

### **5.3.2 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 of an orientation session for users.
2. Draft and Final Baseline Survey Report
3. Baseline Survey Results Workshop
4. Review EIA, RAP, EAP/C-ESMP documents (ongoing, as they are provided)
5. Assist in preparation of Bi-Annual Environmental Monitoring Report (January 2019)
6. Prepare the 13<sup>th</sup>, 14<sup>th</sup> and 15<sup>th</sup> Quarterly Progress Reports
7. Undertake the third Annual Environmental Audit and submit report (7 February 2019)
8. Monitor the performance of CEIP-1
9. Provide M&E training
10. Participate in any ISR missions of the World Bank.

### **5.3.3 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 mobilize the consultant so that this foundational work can proceed. Inception Report will be due in January 2019.

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

### 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:

- Recruit the Senior Environmental Specialist replacement for PMU
- Recruit a Deputy Project Director

#### 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 | Have proposed to eliminate this requirement as BWDB capacity for such audits is limited and it would be redundant with the FAPAD audit. Need to obtain World Bank no objection. |

### 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

Terms of Reference for these services has been drafted and will be finalized during the next two quarters.

## 5.5 Planned Outputs of Component E: Contingent Emergency Response

Component E has not been triggered.

## **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**

No IPCs were submitted during the quarter.

#### **6.1.3 Contract Modifications**

Variation Order No. 2 for using CC blocks instead of hard rock has been agreed upon between the Contractor and the Engineer (DDCS&PMS Consultant) and has been executed.

### **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**

The Contractor submitted their invoice for the second half of the mobilization advance and the 5% payment has been issued.

#### **6.2.3 Contract Modifications**

No Contract Modifications have been issued at this time for the Contract of Package W-02.

### **6.3 Works Contract W-03**

Not yet commenced and decision pending on whether it will continue to be included in CEIP-1.

### **6.4 DDCS&PMS Consultants Contract**

#### **6.4.1 Invoices and Payments**

No invoices have been submitted 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.

## **6.5 Third Party M&E Consultants Contract**

### **6.5.1 Invoices and Payments**

No invoices have 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.

## 7. ISSUES AND RECOMMENDATIONS

### New Issues

#### **Issue QPR12-1: Package 02 Contractor physical progress is weak.**

##### Status:

The Contractor for Package 02 received notice to commence on 12 July 2017. Most of the equipment has arrived and camp sites and CC block manufacturing sites are in place. One drainage sluice and eight flushing sluices are in progress. 18.6 kms of embankment works have been completed as of 30 September 2018.

##### Analysis:

- 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 stands at about 5% whereas at this same point in time after NTP, the progress of the Package 01 contractor was about 15%. Even if one takes into account that Package two is 42 months compared to 36 for Package 01, the performance is poor.

##### Recommendation:

- DDCS&PMS Consultants to obtain updated resource-based detailed modular planning from the Contractor and review resource requirements.
- Package 02 Contractor's senior management must continue to be engaged by DDCS&PMS Consultant and PMU.

#### **Issue QPR12-2: Nalian Dam Work Is Now Urgent**

The Contractor for Package 01 has deferred work on Nalian Dam for two years. Most recently, there has been a proposal for realignment of its location. Such realignment would require further study and re-design which would mean that construction could not begin in the current construction season.

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.

Recommendation: Construction of the Nalian Dam should proceed immediately at the originally planned site and must be completed as soon as possible in the current construction season.

### 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 most urgent of these from prior quarters are:

- The progress of works is the most critical issue since the Package 02 works are not on track to be completed on time.

- The River Bank Protection Works are also important as the project's objectives would be defeated in those polders where such works are required. Funding must be allocated and the engineering design should be subjected to value engineering analysis.
- The resettlement and land acquisition processes are also particularly worrisome, given the length of time it is taking on Package 01 so far. While the first RAP was prepared in 2015, it took almost one year to make the first payment to non-titled EPs and payments to the actual landowners has only started in the current quarter even though PMU has deposited funds with the DCs over 18 months earlier. Currently, it is projected that payments to the last of the non-titled EPs in Package 01 will likely be completed around March 2018 and then the EPs are given 30 days to move. Possession of land has been transferred to BWDB for all 4 Package 01 polders, but the title-holders must be compensated, or donate their land, before it can be used.
- Budget for land acquisition and additional bank protection works must be allocated as quickly as possible. A decision must be made on whether to continue to include Package 03 in CEIP-1 and a revised DPP needs to be prepared and vetted in principle with the World Bank so that the project can proceed. The funding constraints are quickly becoming binding.

The issues bulleted below represent the full list of most critical among the issues remaining unresolved. 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.

- **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 QPR6-1: **River Bank Protection Works Need Urgent Attention and Additional Resources.** Some of these works are already foreseen and budgeted in Works Package 01 and 02, but additional BPW with estimated cost of about \$80m are reported to be needed in the ten polders as well. An economic analysis should be undertaken to examine best options, source of funds to be arranged and procurement to proceed on an urgent basis. The World Bank deployed an engineer to view the physical location of the sites requiring protection in November 2017 and has stated that a review of options and economic analysis is to be done. A reconnaissance survey was undertaken by the DDCS&PMS Consultants in April 2018 to update and screen priority sites.
- **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 QPR5-1: **Specifications Need Heightened Attention** - In Particular Specifications 9.1 to 9.5 Dewatering of Subsurface and Surface Water. Some improvement is now noted and Engineer must monitor closely.
- **R** Issue QPR4-1: **Land Acquisition Cost Has Increased Dramatically**. World Bank and GoB to consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs. World Bank has stated during the January 2017 MTR that it could consider increasing the financing for LA Costs when disbursements increase substantially. BWDB has prepared a draft revised DPP proposal which allocates GoB financing for land acquisition.
- **R** Issue QPR4-4: **Livelihood Restoration Program Needs Attention**. No 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). This process takes as long as one year. In September 2017, the BWDB submitted a draft proposal for DPP revision to the World Bank through ERD focused on the additional riverbank protection works and the funding for land acquisition. Any DPP revision will have to include all cost adjustments needed. The draft DPP proposal is currently on hold by BWDB.
- **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 stands 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. Now 611 titled land-holders out of a total of 1098 in Package 01 have been compensated. 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 in Package 02.
- **R** Issue QPR1-5: **Recruitment of NGOs and Consultants**: 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 implementation of the project and to ensure ownership and commitment to effective O&M. Procurement Evaluation Committee (PEC) has decided to solicit fresh EOIs in its meeting of 28 March 2017 due to the addition of an IPM component at the suggestion of the WB and the length of time since the original call for EOIs (November 2014). Currently, lists of NGOs have been provided by DCs for all 5 packages and the NGO recruitment process will result in signed contract in the next few months.



Status of All Issues Raised in 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           |
|--|---|--|-----------------------------|
| <b>from QPR9</b>   |   |  |                             |
| <b>Issue QPR9-1:</b><br><br><b>Functionality of PAVCs, PRACs and GRCs is At Risk.</b><br><br><b>Flagged RED</b>                      | <p>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&amp;PMS Consultants meet to devise a solution. The Consultants are responsible for RAP implementation, but the ToR does not specifically address this matter.</p> | <b>NOT YET RESOLVED</b>  |                             |
| <b>from QPR8</b>   |   |  |                             |
| <b>Issue QPR8-1:</b><br><br><b>Package 01 Work Program is not credible without the underpinning detail</b><br><br><b>Flagged RED</b> | <p>DDCS&amp;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.</p>  | <p><b>RESOLVED, though level of detail could be improved.</b></p> <p>Work Programme under revision as of 30 June 2018 (N.B. Work Programme was submitted and accepted on 26 August 2018)</p> |                             |
| <b>Issue QPR8-2:</b><br><br><b>Package 02 EPs Awareness of RAP Provisions is Inadequate</b>  | <p>The DDCS&amp;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.</p>                | <p><b>PARTIALLY RESOLVED.</b></p> <p>FGD meetings have increased and compensation payments have begun</p>  |                             |
| <b>from QPR7</b>   |   |  |                             |
| <b>Issue QPR7-1:</b>   | <p>An interim Team Leader is currently in place, and the replacement has been accepted by</p>   | <b>RESOLVED</b>  | Replacement staff have been |

| Issues  | Recommendation in brief  | Status  | Follow-up Actions   |
|---|--|---|---|
| <p><b>Upcoming Absence of Supervision Consultant's Top Three Key Staff - Team Leader and Resident Engineers for Package 1 &amp; 2</b></p> <p><b>Flagged RED</b></p> | <p>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.</p>  | <p>DDCS&amp;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.</p> | <p>approved and are in place.</p>   |
| <p><b>Issue QPR7-2: RAP Irregularities Have Been Alleged so Systems Must be Strengthened</b></p>  | <p>The DDCS&amp;PMS Consultant may look into the matter diligently and also make sure that systems and procedures of the RAP Implementation Consultants and DDCS&amp;PMSC are strengthened for proper targeting, better oversight and greater transparency. For example:</p> <ul style="list-style-type: none"> <li>• 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.);</li> <li>• The PAVC rates should be public knowledge and widely disseminated</li> <li>• EPs should be clearly informed that they are not obligated to make any payment to FGD president or anyone else in order to receive their entitlement</li> </ul> | <p><b>NO INFORMATION AS TO WHETHER RESOLVED.</b></p>  | <p>May be investigated by DDCS&amp;PMSC and system improvements enacted. Steps taken may be communicated.</p>                 |
| <p>from QPR6</p>  |  |   |   |
| <p><b>Issue QPR6-1: River Bank Protection Works Need Urgent Attention and Additional Resources</b></p> <p><b>Flagged RED</b></p>                                    | <p>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 arranged and procurement to proceed on an urgent basis.</p>   | <p><b>NOT YET RESOLVED</b></p> <p>DDCS&amp;PMS Consultants prepared a proposal with budget and supplemental EIA in the Apr-Jun 2017 quarter.</p>  | <p>Options to be evaluated on economic basis, fund source identified, and procurement to proceed once approvals obtained.</p> |
| <p><b>Issue QPR6-2: Engineer Needs to</b></p>   | <p>With the signing of the works contract for Package W-02, the Engineer will need to</p>  | <p><b>NOT YET RESOLVED</b><br/><b>Next dry season,</b></p>  | <p>The DDCS&amp;PMSC and PMU need to agree on the</p>   |

| Issues  | Recommendation in brief  | Status   | Follow-up Actions   |
|---|--|--|---|
| <p><b>Deploy Additional Site Staff</b></p> <p><b>Flagged RED</b></p>  | <p>deploy additional site staff in parallel with their mobilization. The DDCS&amp;PMS Consultants have submitted a request for budget re-allocation for this purpose to the PMU.</p>   | <p><b>consultant will deploy</b></p>   | <p>contractual aspects so that additional site staff can be deployed on time.</p>       |
| <p>from QPR5</p>  |  |  |   |
| <p><b>Issue QPR5-1:</b></p> <p><b>Specifications Need Heightened Attention - In Particular Specifications 9.1 to 9.5 Dewatering of Subsurface and Surface Water</b></p> <p><b>Flagged RED</b></p> | <p>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&amp;PMSC 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.</p>   | <p><b>PARTIALLY RESOLVED</b></p> <p>While the first sand piling activities produced flooding of the excavated foundation of DS 1 of Polder 35/3, the DDCS&amp;PMSC has worked closely with the Contractor of Package 01 to put in place a dewatering plan and also to undertake the needed surveys at all future DS sites.</p> | <p>To be monitored.</p>   |
| <p><b>Issue QPR5-2:</b></p> <p><b>Better Planning to be Achieved in Work Program for Package 02</b></p>   | <p>The DDCS&amp;PMSC 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.</p> | <p><b>PARTIALLY RESOLVED</b></p> <p>Work Programme details submitted and reviewed by DDCS&amp;PMSC.</p>  | <p>Work breakdown structure for typical sections and items of work to be developed.</p> |
| <p><b>Issue QPR5-3:</b></p> <p><b>Embankment Seepage May Be</b></p>   | <p>The design should consider appropriate measures on the country side of the dyke if</p>  | <p><b>NOT YET RESOLVED.</b></p>  | <p>May be investigated by</p>   |

| Issues   | Recommendation in brief   | Status   | Follow-up Actions  |
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| <b>Exacerbated by Adjacent Fish Ponds</b>  | a 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.  |  | DDCS&PMSC  |
| <b>Issue QPR5-4: Review and Timeliness of Afforestation</b>  | 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.  | <b>NOT RESOLVED.</b><br>NGO evaluation is now in process for 4 of 5 packages. Most qualified NGO will be invited to prepare technical and cost proposal under CQS method of procurement. | CQS method of procurement is being used to expedite procurement of NGOs. Afforestation is being cut from TOR of NGOs and shifted to BFD. |
| <b>Issue QPR5-5: Need for Project Implementation Manual / Updating and Completion of Method Statements</b> | 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.<br><br>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. | <b>PARTIALLY RESOLVED</b>  |  |
| <b>Issue QPR5-6: Micro-level Planning / Monitoring Requires Strengthening</b>                              | Over time, micro-level planning in line with detailed work breakdown structures (WBS) would improve as experience would enhance knowledge of time requirements etc.   | <b>NO EVIDENCE</b>   | Who is responsible   |
| <b>Issue QPR5-7: Early Prioritization of LA/Resettlement Concerns Is Needed</b>                            | 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.   | <b>PARTIALLY RESOLVED</b><br><br>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  |
|--|--|---|--|
| <b>from QPR4</b>   |  |   |  |
| <b>Issue QPR4-1:</b><br><br><b>Land Acquisition Cost Has Increased Dramatically</b>                            | <p>World Bank and GoB may consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs.</p> <p>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.</p>  | <p><b>NOT RESOLVED</b></p> <p>The World Bank and GoB will discuss possible solutions when a substantial level of disbursement is reached. As an alternative, GoB is considering financing this cost from its own resources.</p>                                   | <p>Re-open discussion in 2018; include GoB funds in revised DPP.</p>   |
| <b>Issue QPR4-2:</b><br><br><b>Delay in Signing of Contract for Works Package 02</b>                           | <p>World Bank and GoB agree on way forward, given shortfall in land acquisition budget.</p>  | <p><b>RESOLVED</b></p> <p>Notice of Award issued and contract signing proceeded with a proviso that full works on two polders will depend on obtaining LA financing.</p>  |  |
| <b>Issue QPR4-3:</b><br><br><b>Relocation Planning and Assistance to be Improved</b><br><br><b>Flagged RED</b> | <ol style="list-style-type: none"> <li>1. The DDCS&amp;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.</li> <li>2. PRAC should begin to function immediately and be given an orientation by DDCS&amp;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.</li> <li>3. DDSC&amp;PMS Consultant and the PRACs should monitor and report any cases where squatters are having difficulty identifying a place to relocate.</li> <li>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</li> </ol> | <ol style="list-style-type: none"> <li>1. <b>RESOLVED</b></li> <li>2. <b>PARTIALLY RESOLVED as Package 01 PRACs have convened, yet functionality to be improved.</b></li> <li>3. <b>IN PROCESS</b></li> <li>4. <b>AGREED, BUT NOT YET IMPLEMENTED.</b></li> </ol> | <ol style="list-style-type: none"> <li>1. To be followed going forward</li> <li>2. PRACs need to convene and some modest honorarium is required.</li> <li>3. To be followed going forward</li> <li>4. To be implemented by RAP Consultants and/or PMU and reported.</li> </ol> |

| Issues  | Recommendation in brief  | Status   | Follow-up Actions   |
|---|--|--|---|
|   | the day they receive their check. Such advance information would allow the EPs to know how much they have to work with when looking for a new place to live.   |  |   |
| <b>Issue QPR4-4:</b><br><br><b>Livelihood Restoration Program Needs Attention</b><br><br><b>Flagged RED</b> | 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. | <b>NOT RESOLVED</b>  | 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 <b>livelihood restoration of PAPs....”</b> |
| <b>Issue QPR4-5:</b><br><br><b>PMU Team Needs Assistance</b>  | All the required PMU staff should be recruited.  | <b>IN PROCESS AND ESSENTIALLY RESOLVED.</b>  | Recruitment of 14 of 17 individual consultants for PMU has been completed. Only 3 IPOE experts and Deputy PD remain to be recruited.  |
| <b>Issue QPR4-6:</b><br><br><b>Environmental Monitoring Capability Must be Strengthened Further</b>         | <ol style="list-style-type: none"> <li>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.</li> <li>2. As already recommended by the DDCS&amp;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.</li> </ol>  | <ol style="list-style-type: none"> <li>1. <b>RESOLVED</b><br/>The training program has not been laid out, though training is taking place.</li> <li>2. <b>PARTIALLY RESOLVED</b><br/>One Environmental Officer has been appointed, but the polder-wise environmental staff carry additional (non-environmental) duties.</li> </ol> | <p>Training program (plan) to be outlined.</p> <p>Polder-level environmental staff to be monitored as to effectiveness.</p>   |
| <b>Issue QPR4-7:</b><br><br><b>Preparation of</b>   | Since project preparation and appraisal takes a substantial amount of time and the   | <b>PARTIALLY RESOLVED</b><br><br>The new Procurement   | PMU has prepared ToR and it will be   |

| Issues   | Recommendation in brief   | Status  | Follow-up Actions  |
|--|---|---|--|
| <b>CEIP-Phase 2 Should Commence Soon Given the Serious Need</b>                                  | 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.   | Plan prepared in the quarter ending 31 March 2017 projects TOR preparation for August 2017. DDCS&PMS Consultants preparing background material for Phase 2.   | shared with the World Bank for comments.   |
| <b>from QPR3</b>   |   |   |  |
| <b>Issue QPR3-1:<br/>Security is a Growing Concern</b>   | 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. | <b>RESOLVED for now, but CAUTION required.</b><br><br>The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous.<br><br>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.<br><br>Police guards at the Dhaka office of the Consultants should be maintained through 2017. |
| <b>Issue QPR3-2:<br/>Equipment Mobilized on Contract W-01 is Inadequate<br/><br/>Flagged RED</b> | 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.   | <b>PARTIALLY RESOLVED.</b><br><br>The equipment mobilized by the Contractor has eventually met the initial Engineer's estimate of requirements. However, <u>considering the need for catching up with the approved Work Program</u> , additional equipment is still needed as outlined by the DDCS & PMS Consultant.  | If required, additional equipment should be procured or rented immediately.  |

| Issues   | Recommendation in brief  | Status   | Follow-up Actions   |
|--|--|--|---|
|  |  | UPDATE (30 Sep 2018):<br>Due to the acceptance of the revised Work Program, the equipment in hand may well suffice.  |   |
| <b>from QPR2</b>   |  |  |   |
| <b>Issue QPR2-1:</b><br><b>Overall Reporting System Needs Attention and Improvement</b>  | Reports should be submitted on time by all consultants, otherwise this consolidated 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.  | <b>ESSENTIALLY RESOLVED.</b><br><br>The M&E Consultants and PMU have provided guidance on the content and presentation of reports and continue to work with the DDCCS &PMS Consultants in a collegial manner.<br><br>Report content continues to improve. Reports are now usually on time. | DDCS &PMS Consultant reports have improved in segregating activities and accomplishments by quarter, showing plans, being more succinct and graphic.  |
| <b>Issue QPR2-2:</b><br><b>DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment</b><br><br><b>Flagged RED</b> | 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. | <b>NOT RESOLVED.</b><br><br>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. |
| <b>Issue QPR2-3:</b><br><b>JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled</b><br><br><b>Flagged RED</b>         | 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.   | <b>RESOLVED.</b><br><br>JVS for remaining section of polder 35/1 completed in September 2016.  |   |
| <b>Issue QPR2-4:</b><br><b>There may not be a consistently systematic approach</b>   | 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 DDCCS&PMS  | <b>ESSENTIALLY RESOLVED.</b><br><br>Improvement is noted as technical reports are generally being submitted to PMU and M&E   | DDCS&PMSC will consistently follow the recommendation.  |



| Issues   | Recommendation in brief   | Status  | Follow-up Actions  |
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| to document processing and control   | Consultants at the end of every quarter.  | Consultant. A table of reports is being provided by DDCS&PMSC.  |  |
| <b>Issue QPR2-5:</b><br><b>Measure of physical progress needs to be developed</b>                        | 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.<br><br>A weighting of physical progress is required, building up from the BOQ elements and not 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. | <b>RESOLVED.</b><br><br>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.            |
| <b>Issue QPR2-6:</b><br><b>Environmental Concerns may need attention – mitigation for fish migration</b> | 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.   | <b>PARTIALLY RESOLVED.</b><br><br>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.  |
| <b>Issue QPR2-7:</b><br><b>Periodic Environmental Reports Required</b>                                   | 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.  | <b>RESOLVED.</b> PMU, M&E Consultants and World Bank have provided some guidance on the content of various environmental reports.   |  |
| <b>Issue QPR2-8:</b><br><b>Recently Procured Project Vehicles Have Not Been Assigned to the Field</b>    | 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.  | <b>PARTIALLY RESOLVED.</b><br><br>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. |

| Issues   | Recommendation in brief  | Status   | Follow-up Actions  |
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| <b>Issue QPR2-9:</b><br><br><b>Construction Supervision Systems to be Strengthened</b>   | <p>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&amp; PMSC site supervisors and Contractor's Site Construction Managers, etc.</p>   | <p><b>PARTIALLY RESOLVED.</b></p> <p>DDCS&amp;PMS Consultants continue to elaborate and improve their systems.</p>   | <p>DDCS&amp;PMS Consultants will report on the status of their systems by system element in their monthly and quarterly reports.</p> |
| <b>Issue QPR2-10:</b><br><br><b>Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</b><br><br><b>Flagged RED</b> | <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><b>PARTIALLY RESOLVED.</b></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.</p> <p>The DDCS&amp;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&amp;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>                     |
| <b>from QPR1</b>   |  |  |  |
| <b>Issue QPR1-1:</b><br><br><b>Physical Progress on Works Package W-01 is in danger</b>  | <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</p>  | <p><b>i. PARTIALLY RESOLVED</b></p> <p><b>ii. RESOLVED</b></p> <p>i. The Contractor complied after delay and</p>   | <p>DDCS&amp;PMSC should continue to review the adequacy of equipment</p>   |

| Issues   | Recommendation in brief   | Status   | Follow-up Actions   |
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| <b>of being delayed.</b>   | deputy PM or someone in authority should be posted at each polder to permit simultaneous works in four polders.   | only after replacement of the PM. Contractor had rented in some equipment in Q3 and taken delivery of substantial equipment since, but still not adequate in view of DDCS&PMS Consultant. Permanent works progress very limited.<br><br>ii. Complied                     | available at site. The issue of early start-up with rented equipment should be taken up during the Pre-contract meeting for Works Package 2 & 3.<br><br>To be followed through for the next two works packages. |
| <b>Issue QPR1-2:<br/>Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</b>                     | i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.<br><br>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication and cultural understanding.   | <b>i. RESOLVED</b><br><br><b>ii. RESOLVED</b><br><br>i. Contractor has appointed interpreters to serve on each of the four polders.<br><br>ii. Contractor has hired a Bangladeshi sub-contractor.  | Consider requiring communication as an explicit part of bid requirement for Package 03.   |
| <b>Issue QPR1-3:<br/>Procurement of Works Contractors by ICB has failed to attract broad international interest</b>                          | 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 aspects relevant to the Bangladesh coastal zone) and past performance references should be checked.<br><br>ii. Exceptionally low priced bids should be eliminated from consideration.<br><br>iii. Consider the option of issuing bid packages of 2-3 polders each for the remaining works. | <b>i. RESOLVED.</b><br><br><b>ii. NOT RESOLVED.</b><br><br><b>iii. RESOLVED.</b><br><br>i. DDCS&PMSC have agreed to review for Package 3 works.<br><br>ii. Pending, but may not be possible under procurement rules.<br><br>iii. Discussed with World Bank and declined. | Procurement completed for all packages.   |
| <b>Issue QPR1-4:<br/>LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor</b> | i. Appointment of PAVC members must be completed quickly.<br><br>ii. PAVC must finalize the compensation rates for various types of losses without delay.<br><br>iii. Handing over of the sites to the  | <b>i. RESOLVED FOR PKG 01 and PKG 02</b><br><br><b>ii. RESOLVED FOR PKG 01 and most of PKG 02</b><br><br><b>iii. PARTIALLY RESOLVED</b><br><br>i. PAVC appointed for Package 01 in December  | PAVC members for Package 02 may be appointed and begin their work without delay.<br><br>System for tracking unencumbered sections by way of   |

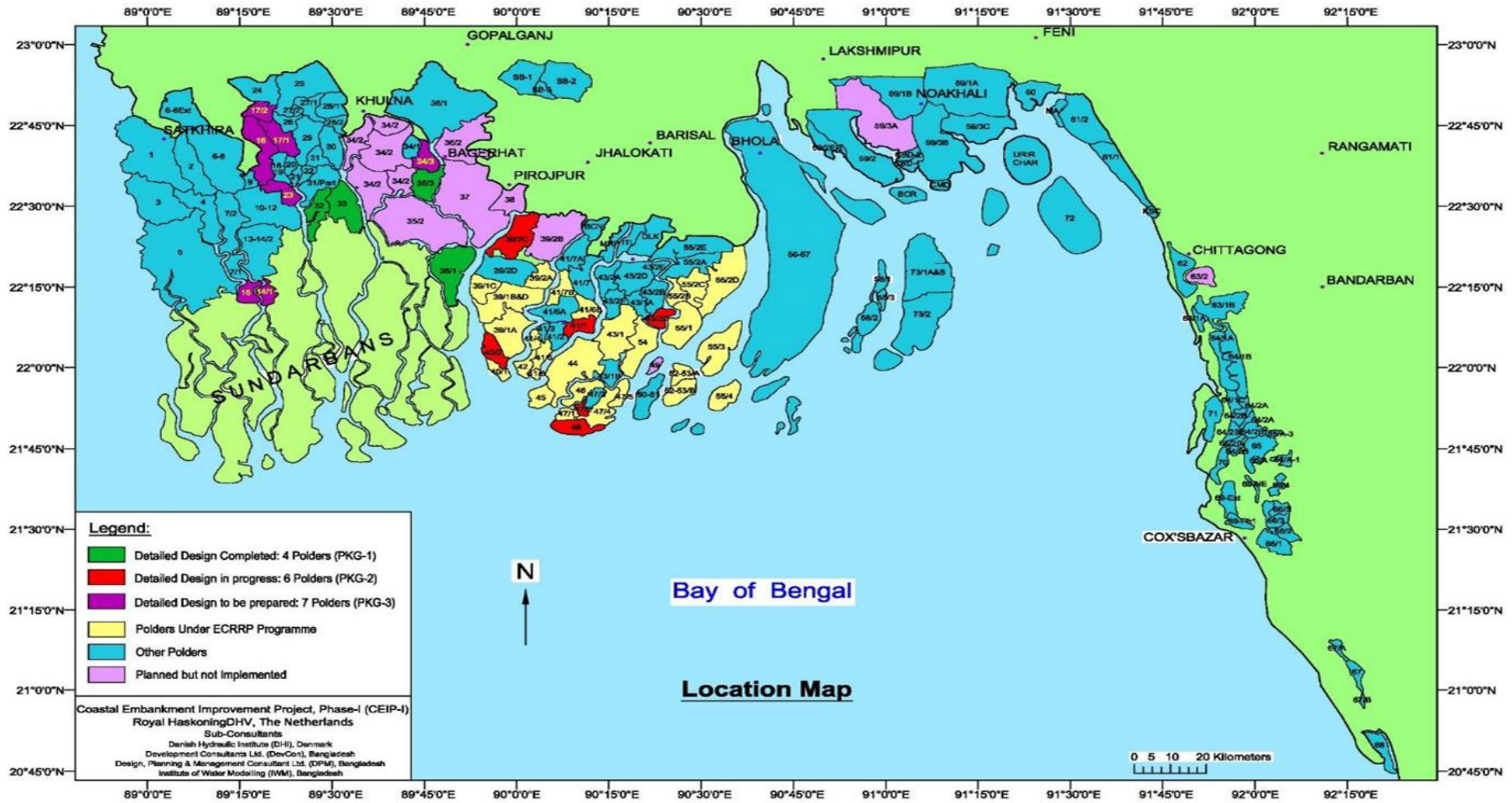
| Issues  | Recommendation in brief  | Status  | Follow-up Actions   |
|---|--|---|---|
| <p><b>Flagged RED</b></p>   | <p>contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDSC&amp;PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p> | <p>2015 and for Package 02 in 2017.</p> <p>ii. Rates for various assets set by PAVC. Land valuations are finally done for Package 01 and for 4 polders of Pkg 02.</p> <p>iii. M&amp;E Consultant has requested the DDSC&amp;PMSC for a detailed risk assessment approach. Accordingly, they have prepared a section-wise approach to construction planning. The DDSC &amp;PMSC/KMC are to provide LA requirement details for each of the works items separately so as to better assess risks.</p> | <p>a calendar yet to be developed.</p>  |
| <p><b>Issue QPR1-5: Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters</b></p> <p><b>Flagged RED</b></p>                                | <p>PMU to develop a time-bound plan for procurement/ recruitment of these consultants and services – e.g., IPOE, Afforestation/WMO NGO, Specialists for PMU field offices, FIDIC/Contracts Specialist, etc.</p>  | <p><b>PARTIALLY RESOLVED</b></p> <p>Recruitment and procurement process is taking much time.</p> <p>13 of 17 individual consultants have been recruited. Three IPOE and Communications Officer still open. Deputy PD position vacant.</p> <p>Recruitment of NGOs for Afforestation and Long-Term Monitoring still underway.</p>   | <p>Sign contract for Long-Term Monitoring;</p> <p>Get recruitment of NGO for WMO and Afforestation on fast track.</p> |
| <p><b>Issue QPR1-6:</b></p> <p><b>The M&amp;E Consultants will be required to expend additional resources given the need for multiple baselines and large sample required</b></p> | <p>The M&amp;E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.</p>   | <p><b>NOT RESOLVED</b></p> <p>A preliminary draft justification has been shared with PMU, followed by a proposal which was incorporated into the draft rDPP.</p>  | <p>M&amp;E Consultants to discuss the requirements with PMU.</p>  |

| Issues  | Recommendation in brief  | Status  | Follow-up Actions   |
|---|--|---|---|
| <p><b>Issue QPR1-7:</b></p> <p><b>Reporting Formats of implementing partners do not consistently provide needed information</b></p> | <p>M&amp;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><b>PARTIALLY RESOLVED</b></p> <p>Being done continually.</p> <p>This issue has been repeated in QPR2 with some elaboration.</p> <p>DDCS&amp;PMSC have substantially improved their monthly progress report starting August 2016.</p> | <p>Follow-up to be continued.</p> <p>DDCS&amp;PMSC are responsive to the advice and proposals regarding reporting requirements.</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            |
|        |                         |                          |                 | <b>100,817</b>            | <b>80,574</b>        | <b>624</b>               | <b>134</b>     | <b>244</b>          | <b>792</b>            |  | <b>762,960</b>    |

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                            | Mr. Md. Habibur Rahman                  | 01745-650854                                       | 29 Jan 18               |                        |
|    | Project Director                            | <del>Mr. Md. Delwar Hossain</del>       | <del>01745-650854</del>                            | 09 Feb 16               | Transferred            |
|    | Project Director (former)                   | <del>Mr. Md. Sarafat Hossain Khan</del> | <del>01715-038519</del>                            | Nov 2013                | Promoted               |
| 2  | Deputy Project Director                     | Vacant                                  |  |                         | Vacant                 |
| 3  | Project Manager/Executive Engineer          | <del>Mr. Musa Nurur Rahman</del>        | <del>01715-740505</del>                            |                         | Transferred; vacant    |
| 4  | Project Manager/Executive Engineer          | Mr. Jakaria Pervez                      | 0171-2660025                                       | 13 Oct 16               |                        |
|    | Project Manager/Executive Engineer          | <del>Mr. Md. Nazibur Rahman</del>       | <del>01711-134034</del>                            |                         | Transferred; vacant    |
| 5  | Project Manager/Executive Engineer Khulna   | Mr. Md. Abdul Hannan                    | 01712-101250                                       |                         |                        |
| 6  | Project Manager/Executive Engineer Bagerhat | Mr. Mashiur Rahman                      |  | Apr-Jun 2017            |                        |
| 7  | Additional Director (Account)               | Mr. Md. Kabir Ahmed                     | 01712-062333                                       |                         |                        |
| 8  | Deputy Director (Audit)                     | Vacant                                  |  |                         | Vacant                 |
| 9  | Sub Divisional Engineer (former)            | <del>Mr. Md. Safiqul Islam Sheikh</del> | <del>01734-601836</del>                            |                         | Promoted & Transferred |
|    | Sub Divisional Engineer (former)            | <del>Mr. Md. Rezaul Karim</del>         | <del>01868-555198</del>                            |                         | Promoted & Transferred |
| 10 | Sub Divisional Engineer                     | <del>Mr. Md. Abdullah Al Mamun</del>    | <del>01727-002788</del><br><del>01715-145975</del> |                         | Promoted & Transferred |
| 11 | Assistant Engineer                          | Mr. Md. Samiul Hoque                    | 0172-6233262                                       | 01 Feb 16               |                        |
| 12 | Sub Assistant Engineer                      | Mr. Md. Mustafizur Rahman               | 0171-5418687                                       | 10 Nov 16               |                        |
|    | Sub Assistant Engineer (former)             | <del>Mr. Biplob Kumar Gun</del>         | <del>01715-007621</del>                            |                         | Promoted & Transferred |
| 13 | Sub Assistant Engineer                      | Mr. Md. Kabirul Islam                   | 01711-943281                                       | 16 Feb 14               |                        |
| 14 | Accountant                                  | Mr. Md. Badarudduza                     | 0174-9044491                                       | 24 Mar 14               |                        |
| 15 | Cashier                                     | Mr. Md. Kajal Hawlader                  | 0181-6223451                                       | 27 Aug 15               |                        |
| 16 | Secretary                                   | <del>Ayesha Salam</del>                 | <del>01816-365597</del>                            |                         | Resigned July 2016     |
| 17 | MLSS  | Aminul Islam                            | 01688-288544                                       | 01 Apr 14               |                        |
| 18 | Office Assistant                            | Shemul Islam                            | 01935-847173                                       | 03 Mar 14               |                        |
| 19 | Cleaner                                     | Md. Azad Ali                            | 01716-559334                                       | 18 Mar 14               |                        |

Certain vacancies to be filled once the work commences in Package 02 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<br>01819-228245 | 23 Mar 15              | Contract completed.                                       |
| 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              | Contract completed  |
| 4  | Procurement Panel Expert (International 2)   | Mr. I.A Khan<br>Daniel Thirion   |                              | 01 Apr 15<br>13 Apr 13 | Contract completed  |
| 5  | Procurement Panel Expert (National)          | Mr. Aminul Haque                 | 01966-464646                 | 25 Nov 13              | Contract completed  |
| 6  | Sr. Revenue Specialist                       | Mr. M. A. Saleque                | 01199-001112                 | 12 Aug 14              | First contract expired 22 Dec 16, extension is in process |
| 7  | Sr. Social Specialist                        | Mr. Mustafizur Rahman            |                              | 07 Aug 17              |   |
|    | Sr. Social Specialist                        | Mr. Hasanur Rahman               | <del>01712-780176</del>      | 02 Oct 14              | Resigned 03 Jan 17  |
| 8  | Financial Management Spec.                   | Mr. Michael Gomes                |                              | 24 Apr 17              |   |
|    | Financial Management Spec. (former)          | Mr. Nasser Ahmed                 | <del>01924-274567</del>      | 02 Mar 15              | Resigned 29 Feb 16  |
| 9  | Sr. Environmental Specialist                 | Vacant<br>(was Dr. Ashadul Alam) | 01747-215770                 | 13 Apr 15              | Contract expired; Left the project 01 July 2018           |
| 10 | Sr. Forestry Specialist                      | Mr. Md. Akbar Hossain            | 01711-543475                 | Jul 17                 |   |
| 11 | IPoE Social Expert                           | Dr. Hafiza Khatun                |                              | Jul 17                 |   |
| 12 | IPoE Panelists (3)                           | Vacant                           |                              |                        | Deferred indefinitely                                     |

## Annex 4 Project Input: Budget and Disbursements

| 1 US\$= 79 BDT  |                   |                    |                                   |                                 |             |          |          |          |             |                            |                                 |                |
|---|-------------------|--------------------|-----------------------------------|---------------------------------|-------------|----------|----------|----------|-------------|----------------------------|---------------------------------|----------------|
| Annex 4.1: Financial Progress (Expenditures) – Capital Component of 1st Quarter of the FY(2018-2019) [Jul-Sep 2018] |                   |                    |                                   |                                 |             |          |          |          |             |                            | All BDT in Lakh Taka ("00,000") |                |
| Major items of action   | Total Project     |                    | Planned for the current FY<br>BDT | Progress                        |             |          |          |          |             |                            | Achieved (%) against            |                |
|   | BDT               | US\$               |                                   | Cumulative up to Last FY<br>BDT | 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                             | %              |
| <b>1. Acquisition of Assets</b>   |                   |                    |                                   |                                 |             |          |          |          |             |                            |                                 |                |
| 1.a Equipment and goods under Comp. B, C, D (6800)  | 1,545.30          | 1,956,076          | 520.00                            | 716.69                          |             | -        |          |          | -           | 716.69                     | -                               | 46.38%         |
| 1.b Afforestation   | 3,280.00          | 4,151,899          | 300.00                            | -                               | 5.00        | -        | -        |          | 5.00        | 5.00                       | 1.67%                           | 0.15%          |
| <b>2. Acquisition/Purchase of Land</b>  |                   |                    |                                   |                                 |             | -        | -        |          |             |                            |                                 |                |
| 2.a Acquisition of Land (544.16 ha)   | 8,852.40          | 11,205,570         | -                                 | 8,852.40                        |             |          |          |          | -           | 8,852.40                   | -                               | 100.00%        |
| <b>3. Works Contract Packages 1 to 3</b>  |                   |                    |                                   |                                 |             | -        | -        |          |             |                            |                                 |                |
| 3.a Construction & Reconstructions of Drainage Structures (7041)  | 35,538.97         | 44,986,038         | 6,500.00                          | 2,800.00                        |             | -        | -        |          | -           | 2,800.00                   | -                               | 7.88%          |
| 3.b Others (7081)   | 182,436.24        | 230,931,949        | 60,680.00                         | 44,465.04                       |             |          |          |          |             | 44,465.04                  | -                               | 24.37%         |
| <b>4. CD &amp; SD</b>   | 2,815.00          | 3,563,291          | -                                 |                                 |             | -        | -        |          | -           | -                          | -                               | -              |
| <b>Sub-total Capital Component</b>  | <b>234,467.91</b> | <b>296,794,823</b> | <b>68,000.00</b>                  | <b>56,834.13</b>                | <b>5.00</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>5.00</b> | <b>56,839.13</b>           | <b>0.01%</b>                    | <b>24.24%</b>  |
| <i>Source: IMED-05 report September, 2018 of CEIP-1</i>   |                   |                    |                                   |                                 |             |          |          |          |             |                            |                                 |                |

| Annex 4.2 Financial Progress (Expenditures) – Revenue Component of 1st Quarter of the FY(2018-2019) [Jul-Sep 2018]             |                  |                   |                            |                          |              |          |          |          |              |                           | 1 US\$= 79 BDT                 |                |
|--|------------------|-------------------|----------------------------|--------------------------|--------------|----------|----------|----------|--------------|---------------------------|--------------------------------|----------------|
|  |                  |                   |                            |                          |              |          |          |          |              |                           | All BDT in Lakh Taka ("00,000) |                |
| Major items of action  | Total Project    |                   | Planned for the current FY | Progress / Achievement   |              |          |          |          |              |                           | Achieved (%) against           |                |
|  |                  |                   |                            | 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                       | %                              | %              |
| <b>1. Implementation of SAP and EMP</b>  |                  |                   |                            |                          |              |          |          |          |              |                           |                                |                |
| 1.a Resettlement / Compensation Payments other than  | 26,918.60        | 34,074,177        | 5996.14                    | 7,503.81                 |              |          |          |          | -            | 7,503.81                  | -                              | 27.88%         |
| 1.b Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. setting up WMOs)                   | 1,987.21         | 2,515,456         | 300.00                     | -                        |              | -        | -        |          |              | -                         | -                              | -              |
| <b>2. Construction Supervision, M&amp;E, Delta Monitoring</b>  |                  |                   |                            |                          |              |          |          |          |              |                           |                                |                |
| 2.a Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 13,659.28        | 17,290,228        | 2353.86                    | 8,438.85                 |              |          |          |          | -            | 8,438.85                  | -                              | 61.78%         |
| 2.b Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP                                     | 2,609.09         | 3,302,646         | 450.00                     | 1,462.68                 |              |          |          |          | -            | 1,462.68                  | -                              | 56.06%         |
| 2.c Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone  | 6,709.09         | 8,492,519         | 2000.00                    | -                        |              | -        | -        |          | -            | -                         | -                              | -              |
| <b>3. Project Management, TA, Training, Strategic Studies</b>  |                  |                   |                            |                          |              |          |          |          |              |                           |                                |                |
| 3.a Project management support and audits  | 11,507.99        | 14,567,076        | 597.00                     | 2,048.42                 | 50.9         |          |          |          | 50.90        | 2,099.32                  | 8.53%                          | 18.24%         |
| 3.b Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel              | 745.45           | 943,608           | -                          | -                        |              | -        | -        |          | -            | -                         | -                              | -              |
| 3.c Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP                    | 4,323.64         | 5,472,962         | -                          | -                        |              | -        | -        |          | -            | -                         | -                              | -              |
| <b>4. Overseas Training</b>  | 745.45           | 943,608           | 300.00                     | 302.38                   |              |          |          |          | -            | 302.38                    | -                              | 40.56%         |
| <b>5. Honorarium/ Fees/ Remuneration</b>   | 30.00            | 37,975            | 3.00                       | 8.32                     |              |          |          |          | -            | 8.32                      | -                              | 27.73%         |
| <b>Sub-total Revenue Component</b>   | <b>69,235.80</b> | <b>87,640,255</b> | <b>12,000.00</b>           | <b>19,764.46</b>         | <b>50.90</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>50.90</b> | <b>19,815.36</b>          | <b>0.42%</b>                   | <b>28.62%</b>  |
| <i>Source: IMED-05 report September, 2018 of CEIP-1</i>  |                  |                   |                            |                          |              |          |          |          |              |                           |                                |                |

## Annex 5 Project Input Procurement Status and Plans

### Annex 5.1 Project Input Procurement Status and Plans – Services

There are 25 procurement items of service categories. Among them, 6 consulting services would be contracted through firms and 19 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 6, three have been contracted out, procurement for one package has been initiated (*in 5 sub-packages*), one is being converted to a budget for training via national institutes and remaining one is yet to start. Detailed procurement process statistics are shown in the Tables 5.1a.

Recruitment of Individual Consultant (IC): 19 Individual Consultants were planned to be recruited. Out of them, 14 were recruited, but one has recently departed the project so recruitment will have to be done. Three IPOEs will be deferred indefinitely. Recruitment of 2 Individual Consultants (Package CEIP-1/D1/S24 & CEIP-1/D1/S25) under CEIP-1 has been dropped.

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

**Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 30 September 2018**

| SI                                 | 1  |   | 2   |                         | 3   |                        | 4  |                 | 5   |                 | 6   |                 |
|------------------------------------|--|---|---|-------------------------|---|------------------------|--|-----------------|---|-----------------|---|-----------------|
| Description of Services            | 1 Consultancy service to Implement (a) social afforestation and (b) social action plan (incl. setting up WMOs) |   | 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 |                 |
| Package No                         | CEIP-1/A2 & B1/S01   |   | CEIP-1/ B2,B3 & C1/S02  |                         | CEIP-1/ C2/S03  |                        | CEIP-1/ C3/S04   |                 | CEIP-1/ D2/S22  |                 | CEIP-1/ D3/S23  |                 |
| 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  |                 |
| 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  |                 | 2014-1-BWDB-BWDB  |                 |
| Method:                            |  |   | QBS   |                         | QBS   |                        | QBS  |                 | QBS   |                 | QBS   |                 |
| Estimated / Actual                 |  |   | Estimated   | Actual                  | Estimated   | Actual                 | Estimated  | Actual          | Estimated   | Actual          | Estimated   | Actual          |
| Amount in US\$                     | 2,515,456  |   | 17,290,228  | 17,319,577 <sup>2</sup> | 3,302,646   | 3,447,175 <sup>3</sup> | 8,602,564  |                 | 909,000   |                 | 5,273,000   |                 |
| Preparation of ToR                 |  | 09-Jun-14                                 |   | ToR was finalized       |   | ToR was finalized      |  | 01-Jan-15       | 1-Aug-17  | Not yet started | 1-Aug-17  | Not yet started |
| NOL on ToR                         |  | 21-Sep-14                                 |   |                         |   |                        |  |                 | 20-Aug-17   |                 | 20-Aug-17   |                 |
| Advertisement of EoI               |  | 30-Sep-14                                 |   | 19-Jul-13               |   | 19-Jul-13              |  | 05-May-15       | 24-Aug-17   | NA              | 24-Aug-17   | NA              |
| Receipt of REoI                    |  | 13-Nov-14                                 |   | 22-Aug-13               |   | 22-Aug-13              |  | 22-Jun-15       | 25-Sep-17   | NA              | 25-Sep-17   | NA              |
| Evaluation of REoI                 |  | Fresh procurement to be done <sup>1</sup> |   | Evaluation done         |   | Evaluation done        |  | Evaluation done |   | NA              |   | NA              |
| SL submitted to WB                 |  |   |   |                         |   |                        |  |                 |   |                 |   |                 |
| Shortlist gets WB NOL              |  |   |   |                         |   |                        |  | 18-Nov-15       |   |                 |   |                 |
| Preparation of RFP and Short List  | 14-Oct-14  |   | 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 | 14-Oct-14  |   | 03-Feb-14   | 28-Jan-14               | 03-Feb-14   | 20-Feb-14              | 20-Nov-14  |                 | 14-Dec-17   |                 | 14-Dec-17   |                 |
| Issuance of RFP                    | 14-Oct-14  |   | 27-Feb-14   | 19-Feb-14               | 27-Feb-14   | 26-Feb-14              | 30-Nov-14  | 19-Nov-15       | 18-Dec-17   | NA              | 18-Dec-17   | NA              |

<sup>1</sup> This 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 )

<sup>2</sup> Original Contract Value of S02 is Euro 4,811,349 and BDT (864,343,933 + 50,000,000 = 914,343,933)

<sup>3</sup> Original Contract Value of S03 is USD 1,397,297 and BDT (91,646,650 + 60,293,728 + 10,000,000 = 161,940,378)

| SI   | 1         | 2         | 3               | 4         | 5               | 6         |           |           |    |           |    |
|--|-----------|-----------|-----------------|-----------|-----------------|-----------|-----------|-----------|----|-----------|----|
| <b>Deadline for proposals &amp; Bid Opening</b>                        | 20-Oct-14 | 17-Apr-14 | 17-Apr-14       | 12-May-14 | 08-May-14       | 29-Jan-15 | 28-Dec-15 | 29-Jan-18 |    | 29-Jan-18 |    |
| <b>Technical Evaluation</b>  | 24-Nov-14 | 19-May-14 | Evaluation done | 30-Jun-14 | Evaluation done | 31-Mar-15 | 31-Dec-15 | 26-Feb-18 | NA | 26-Feb-18 | NA |
| <b>Technical Evaluation Report submitted to WB</b>                     |           |           |                 |           | Dec 2014        |           |           | 26-Feb-18 |    | 26-Feb-18 |    |
| <b>No Objection to Technical Evaluation</b>                            | 08-Dec-14 | 09-Jun-14 |                 | 21-Jul-14 | Jan 2015        | 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 |    |
| <b>Final Evaluation and Negotiation</b>                                | 19-Jan-15 | 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 | 7-May-18  |    | 7-May-18  |    |
| Negotiated draft contract sent to WB                                   |           |           | 31-Aug-14       |           | 19-Apr-15       |           | 29-Jan-18 | 8-May-18  |    | 8-May-18  |    |
| <b>WB gives NOL on draft contract</b>                                  | 02-Feb-15 | 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 |    |
| <b>Contract Signature Date</b>   | 09-Mar-15 | 18-Aug-14 | 30-Dec-14       | 27-Oct-14 | 01-Oct-15       | 08-Sep-15 | 04-10-18  | 20-Jun-18 |    | 30-Jun-18 |    |
| <b>Total days of Process (Bid Opening to Contract Signing Date)</b>    | 140       | 123       | 257             | 168       | 511             | 222       |           | 152       |    | 162       |    |
| Commencement of Services   |           |           |                 |           | 01-Nov-15       |           |           |           |    |           |    |

| SI                                 | 1  | 2  | 3  | 4  | 5   | 6  |
|------------------------------------|--|--|--|--|---|--|
| <b>End of Contract (Completed)</b> | 07-Mar-21  | 30-Jun-20  | 30-Jun-20  | 30-May-20<br>30-Jun-20   | 30-Jun-18   | 30-Jun-20  |
| Remarks                            | This Package has been divided in 5 Sub-Packages and Procurement Method has been changed from QCBS to CQS (Selection Based of Consultant's Qualification). Procurement Status is shown separately. Details is shown separately in <a href="#">Page-A-4</a> <a href="#">Page A-5</a> | 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. | 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. | Tax obligation of the Consultant as per RFP, delayed the procurement process that was solved in the meeting held on September 30, 2017.<br><br>Government of Bangladesh approved the Contract on recommendation of CCGP in its meeting of 12 September 2018. Contract signed on 04 October 2018. | The provision of this Package is planned to use for training purposes of BWDB officer in different renowned Training Institutes in home and abroad. | <b>ToR of this contract is now under review by the Board. It is intended to get this service done through the Consultant of Contract No.CEIP-1/C3/S4. In the inception meeting possibility will be explored.</b> |



The Package (CEIP-1/A2 & B1/S01) has been divided in 5 Sub-Packages those are as Follows:

| SI   | 1a  |   | 1b  |  | 1c  |   | 1d  |                          | 1e  |                          |
|--|---|---|---|--|---|---|---|--------------------------|---|--------------------------|
| <b>Description of Services</b>                               | 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   |                          |
| 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 & REoI  | 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 REoI  | 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   | 15-Nov-18<br>See remarks | 31-Oct-17   | 08-Nov-18<br>See remarks |
| Receive of Combined Proposal from 1 <sup>st</sup> 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<br>See remarks | 07-Nov-17   |                          | 07-Nov-17   |                          |
| Negotiation  | 28-Nov-17   | 29-Oct-18   | 28-Nov-17   | 29-Oct-18  | 28-Nov-17   |   | 28-Nov-17   |                          | 28-Nov-17   |                          |
| Notification of Intention of Award                           |   |   |   |  |   |   |   |                          |   |                          |
| Contract Signature Date                                      |   |   |   |  |   |   |   |                          |   |                          |

| SI   | 1a  | 1b   | 1c   | 1d   | 1e   |
|--|---|--|--|--|--|
| <b>Total days of Process</b><br>(Bid Opening to Contract Signing Date) |   |  |  |  |  |
| Commencement of Services   |   |  |  |  |  |
| <b>End of Contract (Completed)</b>                                     |   |  |  |  |  |
| Remarks  | 1 <sup>st</sup> Negotiation Meeting was held on 29 October 2018. 2 <sup>nd</sup> one is likely to hold by 15 November 2018. | 1 <sup>st</sup> Negotiation Meeting was held on 29 October 2018. 2 <sup>nd</sup> one is likely to hold by 15 November 2018.. | RFP was issued to the 1st ranked NGO. The last date of submission of proposal was 16-Aug-18.<br><br>The 1 <sup>st</sup> rank NGO didn't submit the Proposals. So, 2 <sup>nd</sup> rank NGO was issued with the RFP on 25-09-18 with deadline for submission up to 21-10-18. The 2 <sup>nd</sup> rank NGO submitted Proposals. Technical Proposal was evaluated and the TER was sent to Board on 31-10-2018 for approval. | 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.<br><br>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.. | List of effectual 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.<br><br>List of effectual NGOs was received form DC, Patuakhali.<br><br>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. |

**Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2018.**

| SI No                     | 1  |   | 2                                      |                          |                        | 3                                       |   | 4   |  | 5   |                               |  |
|---------------------------|--|---|--|--------------------------|------------------------|---|---|---|--|---|-------------------------------|--|
| Description of Services   | International Procurement Expert (Panel) |   | International Technical Expert (Panel) |                          |                        | Procurement Expert (National) for Panel |   | Individual Consultant as Procurement Specialist PMU (Nat'l) |  | Individual Consultant as Financial Management Specialist (National) |                               |  |
| Package No                | CEIP-1/ D1/S05                           |   | CEIP-1/ D1/S06                         |                          |                        | CEIP-1/ D1/S07                          |   | CEIP-1/ D1/S08  |  | CEIP-1/ D1/S09  |                               |  |
| 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                              |  | CEIP-1-27-IC-CI-CEIP-1/D1/S09                                       |                               |  |
| 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  |  | 2014-1-BWDB-BWDB  |                               |  |
| Method:                   | IC                                       |   | IC                                     |                          |                        | IC                                      |   | IC  |  | IC  |                               |  |
| Estimated / Actual        | Estimated                                | Actual  | Estimated                              | Actual 1 <sup>st</sup>   | Actual 2 <sup>nd</sup> | Estimated                               | Actual                                      | Estimated   | Actual   | Estimated   | Actual 1 <sup>st</sup>        | Actual 2 <sup>nd</sup>                     |
| Amount in US\$            | 1,104,590                                | 0.43<br>0.564<br>million <sup>4</sup><br>0.642 <sup>5</sup> | 1,104,590                              | 0.17 million             | 0.490<br>million       | 225,641                                 | 0.111 million<br>0.134 million <sup>6</sup> | 384,295   | 0.121 million <sup>7</sup><br>0.054 million <sup>8</sup> | 247,000   | 0.113<br>million <sup>9</sup> | 0.101<br>million <sup>10</sup>             |
| Preparation of ToR        |  | Both ToR & EoI Finalized                                    |  | Both ToR & EoI Finalized |                        | ToR Finalized                           |   | ToR & REoI Finalized  |  | Fresh REoI Finalized  | Fresh REoI Finalized          |  |
| <b>NOL to the TOR</b>     | 14-Oct-13                                | 27-Jul-13   | 31-Oct-13                              | 31-Jul-13                |                        | 31-Oct-13                               | 11-Jun-13                                   | 31-Oct-13   | 02-Jul-13  | 31-Dec-13   | 11-Dec-13                     |  |
| Advertisement of EoI      |  | 31-Jul-13   |  | 06-Aug-13                |                        | No Advertisement                        |   |   | 28-Jul-13  |   | 03-Nov-14                     | 16 Mar 2016                                |
| Receipt of REoI           |  | 25-Aug-13   |  | 29-Aug-13                |                        | Only CV of were collected               |   |   | 20-Aug-13  |   | 01-Dec-14                     | 14 Apr-16                                  |
| Evaluation of REoI        |  | Evaluated and concurred by WB                               |  | Evaluation done          |                        | Evaluated and concurred by WB           |   |   | Evaluated and concurred by WB                            |   | Evaluated and concurred by WB | Evaluated and concurred by WB on 13-Apr-17 |
| Shortlist submitted to WB |  |   |  |                          |                        |   |   |   |  |   |                               |  |
| Shortlist gets WB NOL     |  |   |  |                          |                        |   |   |   |  |   |                               |  |

<sup>4</sup> 1<sup>st</sup> amended Contract Price

<sup>5</sup> 2<sup>nd</sup> amended Contract Price

<sup>6</sup> Fresh Contract Price

<sup>7</sup> Original Contract Price with Mr. A.K.M.Bodruddoza and contract ended on 31 October 2016.

<sup>8</sup> Fresh Contract Price with Mr. A.K.M.Bodruddoza

<sup>9</sup> Contract Price with Mr. Nasir Ahmed and he resigned on 29-02-2016. So, fresh contract with Mr. Michael Gomes was executed.

<sup>10</sup> Contract Price with Mr. Michael Gomes

| SI No  | 1         |           | 2         |           |           | 3                       |           | 4                       |           | 5         |           |           |
|--|-----------|-----------|-----------|-----------|-----------|-------------------------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| Combined Evaluation Report submitted to WB                             |           |           |           |           |           |                         |           |                         |           |           |           |           |
| WB gives NOL on combined evaluation                                    |           |           |           |           |           |                         |           |                         |           |           |           |           |
| Negotiation  |           |           |           |           |           |                         |           |                         |           |           |           |           |
| Negotiated draft contract to WB  |           |           |           |           |           |                         |           |                         |           |           |           |           |
| WB gives NOL- draft contract   |           |           |           |           |           |                         |           |                         |           |           |           |           |
| <b>Contract Signature Date</b>   | 31-Dec-13 | 25-Nov-13 | 30-Jan-14 | 05-Mar-14 | 13-Apr-15 | 31-Dec-13               | 25-Nov-13 | 31-Dec-13               | 21-Nov-13 | 29-May-14 | 02-Mar-15 | 24-Apr-17 |
| Contract signed  |           | 25-Nov-13 |           |           |           |                         | 25-Nov-13 |                         | 21-Nov-13 |           | .         |           |
| <b>Total days of Process</b><br>(Bid Opening to Contract Signing Date) |           | 92        |           | 188       |           |                         |           |                         | 93        |           | 187       | 375       |
| <b>End Date of Activity</b>  | 28-Feb-17 |           | 31-Mar-18 |           |           | <sup>11</sup> 30-Jun-18 |           | <sup>12</sup> 31-Oct-17 |           | 30-Oct-19 |           | 31-Oct-19 |

<sup>11</sup> As per fresh contract signed on 14 June 2016

<sup>12</sup> As per fresh contract signed on 14 March 2017

| SI No          | 1   | 2  | 3   | 4   | 5  |
|----------------|---|--|---|---|--|
| <b>Remarks</b> | <p>Contract Agreement between BWDB and Mr. Narayan D. Sharma was signed on 25 Nov, 2013. Contract Agreement was sent to WB.</p> <p>Period of contract expired on 30 October 2016 which was extended up to 31 January 2017.</p> <p>3rd time extension up to 28-02-2018 with increase of inputs by 50 days has been approved.</p> | <p>Contract with Daniel Thirion was over on 04 March, 2015. Fresh Contract Agreement between BWDB and Mr. I A Khan was signed on 13 April, 2015. Contract Agreement was sent to WB.</p> <p>Panel member is now on board. Contract under execution.</p> | <p>Contract Agreement between BWDB and <b>Mr. M. Aminul Haque</b> was signed on <b>25 Nov, 2013</b>. Contract Agreement was sent to WB. Panel member is now on board. Allotted 300 days input of Mr. Haque was consumed in October 2015.</p> <p>Fresh contract for 200 days was signed on 14 June 2016 over a period of 32 (thirty-two) months [FY 2015-2016 to FY 2017-2018]</p> | <p>Original Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2016.</p> <p>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.</p> <p>Another contract with Mr. A.K.M. Bodruddoza on SSS Method, for a period of 12 months commencing from 01 November 2017, was signed.</p> <p><b>3<sup>rd</sup> Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2018. Another contract for a period on 18 months is in process.</b></p> | <p>Contract Agreement with Mr. Md. Nasser Ahmed was signed on 02 March, 2015. The FMS resigned on 29 Feb.2016. Fresh 35 Nos. REoI were received on 14 April 2016.</p> <p>Negotiation with 3<sup>rd</sup> ranked candidate Mr. Michael Gomes was carried out by PEC on 06 April 2017. WB's NOL obtained.</p> <p>Fresh contract with Mr. Michael Gomes was signed on 24-04-2017.</p> |

**Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2018**

| SI No                                | 6   |                               | 7  |                          |                        | 8  |               | 9  |  |                             |
|--------------------------------------|---|-------------------------------|--|--------------------------|------------------------|--|---------------|--|--|-----------------------------|
| Description of Services              | Individual Consultant as Sr. Environment Specialist (PMU/Dhaka) |                               | Individual Consultant as Sr. Social Specialist (PMU/Dhaka) |                          |                        | Individual Consultant as Sr. Forestry Specialist (PMU/Dhaka) |               | Individual Consultant as Communication officer (PMU/Dhaka) |  |                             |
| Package No                           | CEIP-1/ D1/S10  |                               | CEIP-1/ D1/S11   |                          |                        | CEIP-1/D1/S12  |               | CEIP-1/ D1/S13   |  |                             |
| Reference #                          | CEIP-1-28-IC-CI-CEIP-1/D1/S10                                   |                               | CEIP-1-29-IC-CI-CEIP-1/D1/S11                              |                          |                        | CEIP-1-30-IC-CI-CEIP-1/D1/S12                                |               | CEIP-1-31-IC-CI-CEIP-1/D1/S13                              |  |                             |
| Location / District                  | 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   |  |                             |
| Estimated / Actual                   | Estimated   | Actual                        | Estimated  | Actual 1 <sup>st</sup>   | Actual 2 <sup>nd</sup> | Estimated  | Actual        | Estimated  | Actual 1 <sup>st</sup> & 2 <sup>nd</sup>                     | Actual 3 <sup>rd</sup>      |
| Amount in US\$                       | 212,000   | 0.101 million                 | 212,000  | 0.0884 million           | 0.0648 million         | 212,000  | 0.083 million | 131,000  | 0.067 million  |                             |
| Preparation of ToR                   |   | ToR & REOI finalized          |  | ToR & REOI finalized     | 19 Jan 2017            |  | 1-Jan-17      |  | ToR & REOI finalized   |                             |
| NOL to the TOR                       | 24-Jun-14   |                               | 29-Apr-14  | 15-Apr-14                | 25-Jan-17              | 29-Dec-15  | 12-Jan-17     | 17-Aug-14  |  |                             |
| Advertisement of EoI                 |   | 21-Oct-14                     |  | 21-Apr-14                | 14-Mar-17              |  | 14-Mar-17     |  | 23-Nov-14 (1 <sup>st</sup> )<br>24-Jan-16 (2 <sup>nd</sup> ) |                             |
| Receipt of REoI                      |   | 18-Nov-14                     |  | 15-May-14                | 12-Apr-17              |  | 12-Apr-17     |  | 15-May-15 (1 <sup>st</sup> )<br>24-Feb-16 (2 <sup>nd</sup> ) | 30 Jun 17                   |
| Evaluation of REoI                   |   | Evaluated and concurred by WB |  | Evaluated & WB concurred | 23 May-17              |  | 23-May-17     |  | Evaluated & concurred by WB                                  | Evaluated & concurred by WB |
| Shortlist submitted to WB            |   |                               |  |                          |                        |  |               |  |  |                             |
| Shortlist gets WB NOL                |   |                               |  |                          |                        |  |               |  |  |                             |
| Evaluation Report submitted to WB    |   |                               |  |                          |                        |  |               |  |  |                             |
| WB gives NOL on combined evaluation  |   |                               |  |                          |                        |  |               |  |  |                             |
| Negotiation                          |   |                               |  |                          |                        |  |               |  |  | 10-Apr-18                   |
| Negotiated draft contract sent to WB |   |                               |  |                          |                        |  |               |  |  |                             |
| WB gives NOL on draft contract       |   |                               |  |                          |                        |  |               |  | 19-Oct-17  |                             |
| Contract Signature Date              | 27-Nov-14   | 13-Apr-15                     | 17-Jul-14  | 02-Oct-14                | 02-Aug-17              | 28-Apr-16  | 02-Aug-17     | 31-Dec-14  | Did not take place   | 01-Jul-18                   |
| Total days of Process                |   | 146                           |  | 140                      | 147                    |  | 71            |  |  |                             |

| SI No                       | 6  | 7  | 8   | 9   |
|-----------------------------|--|--|---|---|
| <b>End Date of Activity</b> | 12 April 2018  | <sup>13</sup> 03-Jan-17 01-Aug-19  | 01-Aug-19   | TBD <b>30-Jun-18</b>  |
| Remarks                     | <p>Contract Agreement between BWDB and Dr.Md. Asadul Alam was signed on 13 April, 2015. The Senior Environmental Specialist is now on board.</p> <p><b>Contract with Dr. Asadul Alam ended on 19 June 2018.</b></p> <p><b>Another contract with Dr. Md. Asadul Alam on SSS Method, for a period of 24 months was processed.</b></p> <p><b>Draft contract was signed on 09 July 2018 and NoA was issued on 25 July 2018.</b></p> <p><b>Last date of signing of the Contract was August 01, 2018.The Consultant applied for extension of time for signing the Contract up to September 30, 2018, which was allowed. But 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.</b></p> | <p>Contract Agreement between BWDB and Mr. Md. Hasanur Rahman was signed on 02 Oct, 2014.</p> <p>He resigned from the services on 03 January 2017 giving 28 days' notice.</p> <p>Fresh procurement is completed and the Consultant is on board</p> | <p>Procurement process has been initiated.</p> <p>Procurement is completed and the Consultant is on board</p> | <p>Two (2) EOI were earlier received at first invitation. So, fresh EOI was invited and 6 Nos. were received on 24 February 2016.</p> <p>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.</p> <p>So, fresh procurement was initiated through collection of CVs as per suggestions of WB. Draft Contract with 1<sup>st</sup> ranked candidate was signed on 19 Oct 2017, but Mr. Akhtaruzzaman didn't sign the contract due to his personal problems.</p> <p>The 2<sup>nd</sup> 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 3<sup>rd</sup> ranked candidate Mr. Kamal Najmus Salehin was negotiated on 10 April 2018 and contract was signed on 01 July 2018.</p> |

<sup>13</sup> Contract ended due to resignation of the Consultant. Fresh procurement in process.

**Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2018**

| SI No                                      | 10  |                                  | 11   |                      | 12  |  | 13  |  | 14   |  |
|--|---|----------------------------------|--|----------------------|---|--|---|--|--|--|
| Description of Services                    | Individual Consultant as Senior Revenue Officer (PMU/Dhaka) |                                  | Individual Consultant as Social Specialist/Economist (PMU/Field) |                      | Individual Consultant as Environment Specialist (PMU/Field) |  | IPoE for Coastal Morphologist and Estuarine/Tidal Hydraulics Expert |  | IPoE for Hydrodynamics & Coastal Modeling Expert |  |
| Package No                                 | CEIP-1/ D1/S14  |                                  | CEIP-1 /D1/S15   |                      | CEIP-1/ D1/S16  |  | CEIP-1/ D1/S17  |  | CEIP-1/ D1/S18                                   |  |
| Reference #                                | CEIP-1-32-IC-CI-CEIP-1/D1/S14                               |                                  | CEIP-1-33-IC-CI-CEIP-1/D1/S15                                    |                      | 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                    |  |
| Location / District                        | Khulna  |                                  | Khulna   |                      | Khulna  |  | 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                                 |  |
| Method:                                    | IC  |                                  | IC   |                      | IC  |  | IC  |  | IC   |  |
| Estimated / Actual                         | Estimated   | Actual                           | Estimated  | Actual               | Estimated   | Actual   | Estimated   | Actual   | Estimated  | Actual   |
| Amount in US\$                             | 131,000   | 0.0847 million<br>0.0644 million | 131,000  | 0.0578 million       | 131,000   | 0.0481 million   | 181,600   |  | 181,600  |  |
| Preparation of ToR                         |   | Prepared                         |  | 1-Jan-17             |   | Prepared   |   | 28- Nov-16   |  | 28- Nov-16   |
| NOL to the TOR                             | 23-Dec-13   | 22-Dec-13                        | 24-Sep-14  | 3-Jan-17             | 24-Sep-14   | 28-Dec-16  | 24-Sep-14   | 13 Dec 16  |  | 13-Dec-16  |
| Advertisement of EoI                       |   | 30-Dec-13                        |  | 14-Mar-17            |   | 12- Feb- 17  |   | 30 July-17   |  | 30 July-17   |
| Receipt of REoI                            |   | 06-Feb-14                        |  | 12-Apl-17            |   | 14-Mar-17  |   | 14 Sep-17  |  | 14 Sep-17  |
| Evaluation of REoI                         |   | Evaluated and concurred by WB    |  | Evaluation completed |   | Only 2(two) applications were received. PEC decided re-invitation of REoI. |   | Only 1(one) EoI application was received. PEC decided invitation of fresh REoI. WB concurred |  | Only 1(one) EoI application was received. PEC decided invitation of fresh REoI. WB concurred |
| Shortlist submitted to WB                  |   |                                  |  |                      |   |  |   |  |  |  |
| Shortlist gets WB NOL                      |   |                                  |  |                      |   |  |   |  |  |  |
| Combined Evaluation Report submitted to WB |   |                                  |  |                      |   | NA   |   |  |  |  |
| WB gives NOL on combined evaluation        |   |                                  |  |                      |   |  |   |  |  |  |
| Negotiation                                |   |                                  |  |                      |   |  |   |  |  |  |
| Negotiated draft contract sent to WB       |   |                                  |  |                      |   | 07-Sep-17  |   |  |  |  |
| WB gives NOL on draft contract             |   |                                  |  |                      |   | 05-Oct-17  |   |  |  |  |
| Contract Signature Date                    | 29-May-14   | 12-Aug-14                        | 31-Dec-14  | 20-Jul-17            | 31-Dec-14   | 30-Oct-17  | 31-Dec-14   |  |  |  |



| SI No                    | 10  |        | 11  |           | 12  |  | 13   |  | 14   |  |
|--------------------------|---|--------|---|-----------|---|--|--|--|--|--|
| Total days of Process    | 187   |        | 100   |           | 231   |  |  |  |  |  |
| Commencement of Services | 14 <sup>th</sup> Dec-16   |        |   |           |   |  |  |  |  |  |
| End Date of Activity     | Estimated   | Actual | 30-Jun-17   | 19-Jul-19 | 30-Jun-17   |  | 30-Jun-20  |  | 30-Jun-20  |  |
| Remarks                  | <p>Contract Agreement between BWDB and Mr. M A Saleque was signed on 12 Aug, 2014. Contract ended on 22 Dec 2016.</p> <p>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 has been completed. Contract was signed with retroactive date 23 December 2016. <b>The contract ended on 22 June 2018.</b></p> <p><b>Another contract with Mr. M.A. Saleque on Single Source Selection (SSS) Method for a period of 15 months was processed.</b></p> <p><b>Contract signed on 25 July 2018.</b></p> |        | <p>Bank has provided NoL on ToR on 03 January 2017.</p> <p>Eol received on 12 April 2017 and evaluated. Consultant is on Board.</p> |           | <p>Bank provided NoL on ToR and REOI on 28 December 2016.</p> <p>Eol 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 Eols received earlier.</p> <p>Procurement completed and the Consultant is on board.</p> |  | <p>PMU, CEIP-1 with the assistance of existing IPoE member, TL-DSC and TL- M&amp;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 September 2016. WB accepted the proposal on 07 November, 2016.</p> <p>Only 1(one) Eol received on scheduled date of 14 September 2017. So, fresh REol was invited. Fresh Eols were received on 15 January 2018.</p> <p><b>The procurement of this service is deferred.</b></p> |  | <p>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.</p> <p>Only 1(one) Eol received on scheduled date of 14 September 2017. So, fresh REol was invited. Fresh Eols were received on 15 January 2018.</p> <p><b>The procurement of this service is deferred</b></p> |  |

<sup>14</sup> 1<sup>st</sup> contract ended. So, fresh contract on SSB in process.

**Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2018**

| SI No                                      | 15  |  | 16                            |                  | 17   |                  | 18   |        | 19   |        |
|--|---|--|-------------------------------|------------------|--|------------------|--|--------|--|--------|
| <b>Description</b>                         | IPoE for Design Expert in Embankment and Hydraulic Structures |  | 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/S19  |  | CEIP-1/ D1/S20                |                  | CEIP-1/ D1/S21   |                  | CEIP-1/ D1/S24   |        | CEIP-1/ D1/S25   |        |
| Reference #                                | CEIP-1-37-IC-CI-CEIP-1/D1/S19                                 |  | CEIP-1-38-IC-CI-CEIP-1/D1/S20 |                  | CEIP-1-39-IC-CI-CEIP-1/D1/S21                            |                  |  |        |  |        |
| Location / District                        | Dhaka   |  | Dhaka                         |                  | Dhaka  |                  | Dhaka  |        | Dhaka  |        |
| 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 | Estimated  | Actual |
| Amount in US\$                             | 165,000   |  | 165,000                       | 0.124 million    | 165,000  | 0.154 million    |  |        |  |        |
| Preparation of ToR                         |   | 01-Jan -17   |                               | Prepared         |  | Updated ToR      |  |        |  |        |
| NOL to the TOR                             | 24-Sep-14   | 19 Jan 17  | 24-Sep-14                     | 07-Nov-16        | 24-Sep-14  | concurring by WB |  |        |  |        |
| Advertisement of EoI                       |   | 30 July-17   |                               | NA <sup>15</sup> |  | NA               |  |        |  |        |
| Receipt of REoI                            |   | 14 Sep-17  |                               | NA               |  | NA               |  |        |  |        |
| Evaluation of REoI                         |   | Only 2(two) EoI applications were received. PEC decided invitation of fresh REoI. WB concurred |                               | NA               |  | NA               |  |        |  |        |
| Shortlist submitted to WB                  |   |  |                               |                  |  |                  |  |        |  |        |
| Shortlist gets WB NOL                      |   |  |                               |                  |  |                  |  |        |  |        |
| Combined Evaluation Report submitted to WB |   |  |                               |                  |  |                  |  |        |  |        |
|  |   |  |                               |                  |  |                  | 14-Feb-16  |        | 14-Feb-16  |        |
|  |   |  |                               |                  |  |                  | Through collection of 3 CVs  |        | Through collection of 3 CVs  |        |
|  |   |  |                               |                  |  |                  | 10-Mar-16  |        | 10-Mar-16  |        |
|  |   |  |                               |                  |  |                  | Foot Note <sup>16</sup>  |        | Foot Note <sup>17</sup>  |        |

<sup>15</sup> Procured by collection of CVs through direct approach.

<sup>16</sup> It has been decided that this service will be procured by Board through GoB's fund

<sup>17</sup> It has been decided that this service will be procured by Board through GoB's fund

| SI No                                | 15   | 16   | 17  | 18   | 19   |
|--------------------------------------|--|--|---|--|--|
| WB gives NOL on combined evaluation  |  |  |   |  |  |
| Negotiation                          |  |  |   |  |  |
| Negotiated draft contract sent to WB |  | 31-May-17  |   |  |  |
| WB gives NOL on draft contract       |  | 07 Jun-17  |   | 12-Mar-15  |  |
| <b>Contract Signature Date</b>       | 31-Dec-14  | 31-Dec-14  | 17 Jul-17   | 31-Dec-14  |  |
| Contract signed                      |  | 17 Jul-17  |   | 23-Mar-15  |  |
| <b>Total days of Process</b>         |  |  |   |  |  |
| Commencement of Services             | 30-Jun-20  |  |   |  |  |
| <b>End Date of Activity</b>          |  | 30-Jun-20  | 30-Jun-20   | 30-Jun-20  | 31-Dec-2017  |
| Remarks                              | <p>ToR was sent to WB on 1-Jan-17. Bank approved ToR on 19 January 2017.</p> <p>Only 2(two) REoI received on scheduled date of 14 September 2017. So, fresh REoI was invited. Fresh EoIs were received on 15 January 2018.</p> <p><b>The procurement of this service is deferred</b></p> | <p>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.</p> <p>Procurement completed and the IPoE is now on board.</p> | <p>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.</p> <p><b>Contract completed.</b></p> | <p>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.</p> <p>This Package is dropped.</p> | <p>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.</p> <p>This Package is dropped.</p> |

## 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.

Initiated-procurement as per the statement of “Status of Procurement” as on **30 September 2018** is described below:

| SI. No                               | 1   |                             | 2 (Revs.)  |                              | 3 (Revs.)   |        | 4   |
|--------------------------------------|---|-----------------------------|--|------------------------------|---|--------|---|
| <b>Description of Works</b>          | Rehabilitation / Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3 under CEIP-1. |                             | <sup>18</sup> Rehabilitation and upgrading of Polder 14/1, 15, 16, 17/1, 17/2 & 23<br>(Actual Nos. of Polder in package are 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48) |                              | <sup>19</sup> Rehabilitation and upgrading of Polder 48,47/2 & 43/2C<br>(Actual Nos. of Polder in this Package are 14/1, 15, 16, 17/1, 17/2, 23 & 34/3) |        | <sup>20</sup> Rehabilitation 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, <sup>21</sup>  |                             | ICB with post-qualification  |                              | ICB   |        |   |
| Estimated / Actual                   | Estimated   | Actual                      | Estimated  | Actual                       | Estimated   | Actual |   |
| Amount in US\$                       | 104,276,026.00  | 88,216,800.37 <sup>22</sup> | 150,355,767.20   | 137,969,172.60 <sup>23</sup> | 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                    |   |        |   |

<sup>18</sup> 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'

<sup>19</sup> 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

<sup>20</sup> 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.

<sup>21</sup> Method has been changed from ICBPQ (International Competitive Bidding with pre-qualification) to ICB (with post qualification)

<sup>22</sup> Original Contract Value of W-01 is BDT 6,969,127,229.

<sup>23</sup> Original Contract Value of W-02 is BDT 10,899,564,634.65.

| SI. No                      | 1  |           | 2 (Revs.)   |           | 3 (Revs.)  |  | 4  |
|-----------------------------|--|-----------|---|-----------|--|--|--|
| 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. Civil 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. <b>Civil works are going on.</b> |           | 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 ( <i>re-arranged</i> ) |

### Annex 5.3a: Procurement Status and Plans - Goods

As per the DPP, 14 items of Goods would be procured. Among them, 6 items were initiated for procurement as per the statement of “Status of Procurement” as on **30 September 2018**, which is described below:

| SI No   | 1   |                        | 2                                  |           | 3  |           | 4   |           | 5  |             | 6   |           |
|---|---|------------------------|------------------------------------|-----------|--|-----------|---|-----------|--|-------------|---|-----------|
| Description of Goods  | Procurement of Motor Vehicles<br>a) 4-WD Jeep/Cross Country (Total 10 Nos.)<br>b) Micro Bus-(Total 1 No.) |                        | Procurement of Motor Cycle- 10 Nos |           | Supply of Desktop Computer, Laptop, Printer, & UPS with Accessories under CEIP-1 |           | Procurement of Engineering Equipment: a) Levelling instrument with accessories -5 & b) Total Station-3 Nos. |           | Office Equipment: 1) Multimedia Projector, 2) Air cooler, 3) PABX Intercom System, 4) Photocopier, 5) Fax, 6) Scanner, and 7) Plotter (36" Size) with accessories and related services under CEIP-1. |             | Procurement of Office Furniture under CEIP-1. |           |
| Package No  | CEIP-1/ G-1   |                        | CEIP-1/ G-2                        |           | CEIP-1/ G-4  |           | CEIP-1/ G-5   |           | CEIP-1/ G-6  |             | CEIP-1/ G-7                                   |           |
| Reference #   | CEIP-1-1-LPI-B-CEIP-1/G-1   |                        | CEIP-1-16-NCB-B-CEIP-1/G-2         |           | CEIP-1-3-NCB-B-CEIP-1/G-4  |           | CEIP-1-18-NCB-B-CEIP-1/G-5  |           | CEIP-1-20-LPI-B-CEIP-1/G-6   |             |   |           |
| Districts   | 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:   | NCB (National Competitive Bidding)  |                        | NCB (National Competitive Bidding) |           | NCB (National Competitive Bidding)   |           | NCB (National Competitive Bidding)  |           | NCB (National Competitive Bidding)   |             | NCB (National Competitive Bidding)            |           |
| Estimated / Actual  | Estimated   | Actual                 | Estimated                          | Actual    | Estimated  | Actual    | Estimated   | Actual    | Estimated  | Actual      | Estimated                                     | Actual    |
| Amount in US\$  | 1,000,000   | 749,427                | 19,231                             | 23,248    | 62,000   | 64,643    | 19,880  | 10,333    | 30,000   | 27,771      |   |           |
| Preparation of Tender Document  |   | 17-Dec-14              |                                    |           |  |           |   |           |  |             |   |           |
| No Objection Documents  | 28-Feb-14   | 25-Dec-14              | NA                                 | NA        | 19-Mar-14  | 18-Mar-14 | NA  | NA        |  |             |   |           |
| Publication / Invitation  | 07-Mar-14   | 20 Oct 2015 (4th call) | 02-Oct-14                          | 08-Jul-15 | 22-Mar-14  | 19-Mar-14 | 17-Sep-14   | 08-Jul-15 | 01-Apr-14  | 01-Apr-14   |   | 17-Feb-16 |
| Deadline tenders & Bid Opening  | 06-May-14   | 19-Nov-15              | 27-Oct-14                          | 10-Aug-15 | 19-Apr-14  | 09-Apr-14 | 15-Oct-14   | 10-Aug-15 | 01-May-14  | 12-May-14   |   |           |
| Evaluation of Bids  | 05-Jun-14   | 02-Dec-15              | 25-Nov-14                          | 07-Sep-15 | 19-May-14  | 28-Apr-14 | 12-Nov-14   | 06-Sep-15 | 31-May-14  | 29-May-14   |   |           |
| No Objection to Evaluation Report                                       | 19-Jun-14   | NA                     | NA                                 | NA        | 03-Jun-14  | 11-May-14 | NA  | NA        | NA   | NA          |   |           |
| Work order / Contract Date  | 18-Aug-14   | 07-Jan-16              | 16-Dec-14                          | 04-Oct-15 | 08-Jul-14  | 08-Jun-14 | 03-Dec-14   | 04-Oct-15 | 05-Jul-14  | 09-Jun-14   |   |           |
| Total days of Process (between Bid Opening and Contract Signature Date) | 104   | 49                     | 50                                 | 55        | 80   | 60        | 49  | 55        | 65   | 28          |   |           |
| End of Contract (Completed)   | 31-Dec-14   | 04 Feb 2016            | 25-Jan-15                          | 22-Nov-15 | 05-Aug-14  | 29-Jun-14 | 31-Dec-14   | 22-Nov-15 | 02-Aug-14  | 29 Jun 2014 |   |           |

|         |   |  |  |   |  |                                     |
|---------|---|--|--|---|--|-------------------------------------|
| Remarks | * Contract for 1 No. Microbus (Lot No.2) executed on 18 Nov 2015. Supply completed<br>** Contract for 10 Nos. 4WD (Lot No.) vehicle executed on 07 January 2016. Supply completed | Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed | All Desktop Computer, Laptop, Printer, & UPS with Accessories were received. | Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed. | Tender was evaluated by BWDB TEC members. Work Order issued on 01 June 2014. All office equipment were supplied. | All office Furniture were supplied. |
|---------|---|--|--|---|--|-------------------------------------|

### Annex 5.3b Procurement Plan of Goods as per DPP

| 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) | Indicative Dates      |                     |                        | Remarks   |
|------------------------------|-------------|--|------|--------------------------------------|-----------------------------|-----------------|--|-----------------------|---------------------|------------------------|---|
|                              |             |  |      |                                      |                             |                 |  | Invitation for Tender | Signing of Contract | Completion of Contract |   |
| 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.) | Nos. | Motor Vehicle-10 Nos, Microbus-2 Nos | OTM(ICB)                    | WB/IDA          | 0.75   | August,2013           | October,2013        | April,2014             | Contract for 1 No. Microbus (Lot No.2) executed on 18 November 2015 and supply completed. Contract for 10 Nos. 4WD (Lot No.) vehicle executed on 07 January 2016 and supply completed |
| PD                           | CEIP-1/G-02 | Procurement of Motor Cycle- 20   | Nos. | Motor Cycle-10 Nos                   | OTM(NCB)                    | WB/IDA          | 0.0234                                       | September,2013        | October,2013        | February,2014          | 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                                       |                       |                     |                        | Planned to procure by February 2019.  |

| 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) | Indicative Dates      |                     |                        | Remarks  |
|------------------------------|-------------|---|------|---|-----------------------------|-----------------|--|-----------------------|---------------------|------------------------|--|
|                              |             |   |      |   |                             |                 |  | Invitation for Tender | Signing of Contract | Completion of Contract |  |
| 1                            | 2           | 3   | 4    | 5   | 6                           | 7               | 8  | 9                     | 10                  | 11                     | 12   |
| 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-5 Nos with ancillaries  | OTM(NCB)                    | WB/IDA          | 0.065  | August,2013           | September,2013      | December,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. |
| 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                                       | October,2013          | November,2013       | January,2014           | Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed.  |
| 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 Ao 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 Ao Size -1 No | OTM(NCB)                    | WB/IDA          | 0.028  | August,2013           | September,2013      | January,2014           | Tender was evaluated by BWDB TEC members. Work Order issued on 01 June 2014. All office equipment were supplied.   |
| PD                           | CEIP-1/G-07 | Furniture (For Project Director, CEIP-1 BWDB, office)   | LS   | LS  | OTM(NCB) /RFQ               | WB/IDA          | 0.0064                                       | August,2013           | September,2013      | October,2014           | All the furniture were supplied  |



| 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) | Indicative Dates      |                     |                        | Remarks  |
|------------------------------|-------------|--|------|--|-----------------------------|-----------------|--|-----------------------|---------------------|------------------------|--|
|                              |             |  |      |  |                             |                 |  | Invitation for Tender | Signing of Contract | Completion of Contract |  |
| 1                            | 2           | 3  | 4    | 5  | 6                           | 7               | 8  | 9                     | 10                  | 11                     | 12   |
| 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          | 0.449  | 01 January 2018       | 05 May 2018         |                        | Specifications prepared. Formal concurrence form WB will sought soon.                        |
| PD                           | CEIP-1/G-09 | Procurement of Motor Cycle- Total= 20 Nos  | Nos. | Procurement of Motor Cycle-10 Nos  | OTM(NCB)                    | WB/IDA          | 0.019  |                       |                     | December 2018          | Planned to procure by December 2018. But procurement process is yet to start.                |
| 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          | 0.051  |                       |                     | June 2019              | Program revised. Planned to procure by August 2019. But procurement process is yet to start. |
| 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          | 0.041  | 05 July 2017          | 28 September 2017   | 20 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          | 0.015  |                       |                     | June 2019              | Planned to procure by June 2019.   |

| 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) | Indicative Dates      |                     |                        | Remarks   |
|------------------------------|-------------|---|------|---|-----------------------------|-----------------|--|-----------------------|---------------------|------------------------|---|
|                              |             |   |      |   |                             |                 |  | Invitation for Tender | Signing of Contract | Completion of Contract |   |
| 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          | 0.023  |                       |                     |                        | Planned to procure by June 2019.  |
| PD                           | CEIP-1/G-14 | Procurement of Motor: Micro Bus – 1 No  | Nos. | Micro Bus – 1 No  |                             |                 | 0.06   |                       |                     |                        | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). <b>Planned to procure by January 2019.</b><br>But procurement process is yet to start |

HOPE=Head of the Procuring Entity PD=Project Director

## Annex 6 Governance Accountability and Action Plan

| Issues/Risks/<br>Objective   | Actions  | Agency<br>respon-<br>sible | Timeline - Plan   | Early Warning<br>Indicators to Trigger<br>Additional Action                          | Timeline - Actual   | Remarks   |
|--|--|----------------------------|---|--|---|---|
| <b>Institutional Risks</b>   |  |                            |   |  |   |   |
| Need to <b>strengthen capacity</b> 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.<br><b>PMU Staffing</b><br><u>Project Director</u> – Dec 2013 appointed<br><u>Deputy PD</u> -none<br><u>Procurement Spec</u> – Nov 2013<br><u>Financial Management Spec</u> - originally March 2015-Feb 2016; filled again Apr 2017.<br><u>Sr. Environment Spec</u> –April 2015<br><u>Sr. Social Spec</u> – original expert in place Oct 2014-Jan 2017. Contract signed with the replacement in Aug 2017.<br><u>Sr. Revenue Officer</u> – August 2014<br><u>Communication Officer</u> – July 2018.<br><u>Sr. Forestry Spec.</u> –August 2017.<br><u>Social Spec./Econ (Field)</u> –July 2017<br><u>Environment Spec. (Field)</u> – Oct 2017<br><br><b>Consultancies:</b><br><u>Procurement Panel</u> – fully in place between 2014 and mid-2018 when the last of the 3 contracts was completed and not renewed.<br><u>DDCS&amp;PMSC</u> contracted January 2015 | All of the PMU staff have been recruited, except for Deputy PD. |
|  | Retain existing consultants or engage new consultants for design, construction supervision | BWDB                       | Contracted 1 <sup>st</sup> year;                            |  | Procurement of Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone completed after 18 months of negotiations with contract signed 04   |   |

| Issues/Risks/<br>Objective   | Actions   | Agency<br>respon-<br>sible | Timeline - Plan  | Early Warning<br>Indicators to Trigger<br>Additional Action | Timeline - Actual   | Remarks       |
|--|---|----------------------------|--|---|---|---------------|
|  | <p>Contract Third Party M&amp;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 2<sup>nd</sup> year</p> <p>At least twice a year</p> |   | <p>M&amp;E Consultant contracted Oct 2015<br/>IPOE – 2 of 5 were hired; remaining 3 viewed as not needed.<br/>IPOE/Social Expert is on board since July 2017.<br/>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><b>World Bank Missions:</b><br/>Start (FY 2013/14)– 1 mission<br/>PY1 (FY 2014/15)– 1 mission<br/>PY2 (FY 2015/16)– 2 missions<br/>PY3 (FY 2016/17)– 2 missions plus sector-specific missions<br/>PY4 (FY 2017/18)- 2 missions (Jul/Aug and Feb) plus sector-specific missions<br/>PY5 (FY 2018/19) – 1 mission so far (Oct)</p> | October 2018. |
| Need for proactive provision of <b>information</b> 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 <sup>nd</sup> ranked candidate cleared by WB but did not appear at negotiations. 3 <sup>rd</sup> ranked candidate signed draft contract on 10 Apr 2018 and final contract on 01 July 2018.  |               |

| Issues/Risks/<br>Objective                | Actions   | Agency responsible                                    | 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>First QPR submitted in Feb 2016 for quarter of Sep-Dec 2015. QPRs routinely being prepared. 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. M&amp;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> |   |
| <b>Procurement Risks</b>                  |   |   |   |  |  |   |
| 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>Appoint a Procurement Panel</p> | <p>BWDB</p> <p>BWDB</p> <p>BWDB, Bank</p> <p>BWDB</p> | <p>On-going</p> <p>On-going</p> <p>On-going</p> <p>3-6 months after project effectiveness</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>Panel members not recruited</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>Int'l Proc. Expert – Nov 2013<br/>Nat'l Proc. Expert – Nov 2013</p>   | <p>PMU understands and follows procedures that safeguard procurement processes.</p> <p>Contract of Int'l Proc. Expert Sharma expired 28 Feb 2018, Int'l Proc. Expert Khan's</p> |

| Issues/Risks/<br>Objective   | Actions   | Agency<br>respon-<br>sible   | Timeline - Plan  | Early Warning<br>Indicators to Trigger<br>Additional Action | Timeline - Actual  | Remarks  |
|--|---|------------------------------|--|---|--|--|
|  | Enhance complaints mechanism with reporting established and follow-up guidelines  | BWDB                         | On-going   | Nature and frequency of complaints                          | Int'l Technical Exp. – 2013, with replacement in April 2015<br><br>GRC membership composition confirmed in Dec 2015. Fifteen (15) GRC formed in Package 01 area and 21 in Package 02.<br>As of 31 December 2017, there were 134 grievances received, of which 20 were resolved by field level investigation and 114 resolved by the GRC. | contract expired 30 Apr 2018, and Aminul Haque's contract expired 30 June 2018. Procurement panel no longer in place, but little procurement remains.<br>No new complaints have been registered in the past 9 months. It is likely that complaints are being resolved on the spot, but the total absence of complaints is surprising and is being looked into. |
| Potential for or reduce risks of <b>conflict of interest</b> among participants in procurement | Declarations of no conflict of interest by BWDB personnel, including members of PP and bidders<br><br>Review statements of financial interests encompassing key project staff<br><br>Require bidders' statements concerning agents and other possible connections to persons involved with procurement. | BWDB<br><br>BWDB<br><br>BWDB | BWDB personnel by effectiveness; bidders at submission<br><br>Within one month of submission<br><br>At bidding stage |   | Complied on rolling basis as staff, consultants and contractors join.<br><br>Not a separate declaration from COI above.<br><br>Complied on ongoing basis.  | Periodic renewal of COI declaration may be considered.   |

| Issues/Risks/<br>Objective   | Actions   | Agency<br>respon-<br>sible  | Timeline - Plan  | Early Warning<br>Indicators to Trigger<br>Additional Action                                     | Timeline - Actual   | Remarks  |
|--|---|---|--|---|---|--|
| <b>Contract Execution and Project Management Risks</b>                             |   |   |  |   |   |  |
| 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.)<br><br>Establish enhanced complaints mechanism, including ICT<br><br>Numerous levels of scrutiny:<br>- PD serve as Employer's representative<br>- Construction Supervision Consultant as Engineer<br>- Nominate Resident Engineers at the site<br>- M&E Consultant to oversee project performance | BWDB<br><br>BWDB<br><br>Construc-<br>tion<br>Consult-<br>ants,<br>M&E | As information becomes available<br><br>By project effectiveness | Website does not include updated information  | Complied on ongoing basis, as information is available. Please see <a href="http://cptu.gov.bd">cptu.gov.bd</a> website. Select "Contract Award Notices", MOWR, BWDB. Services have not been uploaded here, but were uploaded to UN Development Business. In process of being developed.<br><br>In place:<br>PD – Nov 2013 to Feb 2016<br>New PD appointed – Feb 2016<br>New PD appointed – Jan 2018<br><br>DDCS&PMSC – Jan 2015<br><br>REs nominated – Jan 2015;<br>RE positions for Package 01 and 02 were vacant for about one year, but filled in Sep 2018.<br><br>M&E – Nov 2015 | In the future, services will also be uploaded to <a href="http://cptu.gov.bd">cptu.gov.bd</a> website within the 30 day window after contract signing.<br><br>Resolved now, but the lack of REs for an extended period represented a potential risk. |
| <b>Fraud and Corruption in Delivery of RAP Benefits</b>                            |   |   |  |   |   |  |
| 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<br><br>Ensure third party monitoring by the  | NGOs<br><br>M&E   | Contract in place<br><br>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).<br><br>M&E Consultants in place Nov 2015   | There were some complaints. DDCS&PMS Consultant has undertaken preliminary investigation.  |

| Issues/Risks/<br>Objective | Actions  | Agency<br>respon-<br>sible | Timeline - Plan   | Early Warning<br>Indicators to Trigger<br>Additional Action | Timeline - Actual  | Remarks |
|----------------------------|--|----------------------------|---|---|--|---------|
|                            | M&E Consultants                                    |                            |   |   | 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. |         |



## Annex 7 Key Performance Indicators and Targets per PAD/DPP

### Results Framework and Monitoring

| Project Development Objectives   |      |                 |           |                          |              |              |              |              |              |              |               |                |                          |  |  |
|--|------|-----------------|-----------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------------------|--|--|
| Indicator Name   | Core | Unit of Measure | Base line | Cumulative Target Values |              |              |              |              |              |              |               | Fre-<br>quency | Data<br>Source/<br>Meth. | Responsible<br>for<br>Data<br>Collection | Remarks  |
|  |      |                 |           | YR1<br>14/15             | YR2<br>15/16 | YR3<br>16/17 | YR4<br>17/18 | YR5<br>18/19 | YR6<br>19/20 | YR7<br>20/21 | End<br>Target |                |                          |  |  |
| Gross area protected   |      | 1000 x ha       | -         | -                        | -            | -            | 36.5         | 67.7         | 77.9         | 100.8        | 100.8         | Annual         | BWDB                     | M&E                                      | While the area protected is counted once the entire embankment earthwork activity is completed, there is some level of protection already as work progresses. This will be assessed and reported beginning with the next report. |
| <i>Achievement</i>   |      |                 |           | -                        | -            | -            | -            | -            |              |              |               |                |                          |  |  |
| Direct project beneficiaries from increased resilience to climate change (number) of which female (percentage) % | X    | 1000 person x   | 0         | 0                        | 0            | 0            | 230          | 480          | 530          | 760          | 760 (50%)     | Annual         | BWDB                     | M&E                                      | Likewise, even though the beneficiaries are counted once the entire embankment earthwork activity is completed, there is scope to estimate beneficiaries as work advances. This will be estimated in the next report.            |
| <i>Achievement</i>   |      |                 |           | 0                        | 0            | 0            | 0            | 0            |              |              |               |                |                          |  |  |

|                                    |                               |     |    |    |    |     |     |     |     |     |        |      |     |   |
|------------------------------------|-------------------------------|-----|----|----|----|-----|-----|-----|-----|-----|--------|------|-----|---|
| Increase cropping intensity        | (%)                           | 140 | -  | -  | -  | 155 | 167 | 171 | 180 | 180 | Annual | BWDB | M&E | Will be calculated via endline 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     | BWDB | NA  | Not triggered.  |
| <i>Achievement</i>                 |                               |     | NA | NA | NA | NA  | NA  |     |     |     |        |      |     |   |

| Intermediate Results Indicators       |      |                 |           |                          |           |           |           |           |           |           |            |            |                    |                                 |  |
|---------------------------------------|------|-----------------|-----------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|--------------------|---------------------------------|--|
| Indicator Name                        | Core | Unit of Measure | Base line | Cumulative Target Values |           |           |           |           |           |           |            | Fre-quency | Data Source/ Meth. | Responsible for Data Collection | Remarks  |
|                                       |      |                 |           | YR1 14/15                | YR2 15/16 | YR3 16/17 | YR4 17/18 | YR5 18/19 | YR6 19/20 | YR7 20/21 | End Target |            |                    |                                 |  |
| Length of upgraded embankment         |      | km              | 0         | -                        | 20        | 121       | 309       | 452       | 551       | 623       | 623        | Annual     | BWDB               | M&E                             |  |
| <i>Achievement</i>                    |      |                 |           | -                        | 0.8       | 27.9      | 62.8      | 111.3     |           |           |            |            |                    |                                 | 92.74 kms done (Pkg 01)<br>18.60 kms done (Pkg 02);<br>45.57 kms in process (01)<br>3.30 kms in process (02) |
| Drainage structures replaced/upgraded |      | No.             | -         | -                        | 3         | 23        | 59        | 89        | 113       | 129       | 129        | Annual     | BWDB               | M&E                             |  |
| <i>Achievement</i>                    |      |                 |           | -                        | 0         | 3         | 23        | 29        |           |           |            |            |                    |                                 | 29 nos done (Pkg 01);<br>5 nos. are in progress<br>(5 for Pkg 01;<br>Nil for Pkg 02)                         |
| Regulators upgraded                   |      | No.             | -         | -                        | 4         | 28        | 73        | 106       | 123       | 134       | 134        | Annual     | BWDB               | M&E                             |  |
| <i>Achievement</i>                    |      |                 |           | -                        | 0         | 0         | 0         | 0         |           |           |            |            |                    |                                 |  |

| Flushing inlets upgraded               |      | No.             | 0            | -                        | 9            | 52           | 127          | 178          | 214          | 244          | 244           | Annual         | BWDB                  | M&E                                      |  |
|--|------|-----------------|--------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|-----------------------|--|--|
| <i>Achievement</i>                     |      |                 |              | -                        | 0            | 1            | 15           | 18           |              |              |               |                |                       |  | 18 no. done;<br>04 nos. in progress (01)<br>08 nos. in progress (02)   |
| Length of Drainage Channels upgraded   |      | Km              | 0            | -                        | 27           | 157          | 381          | 540          | 681          | 794          | 794           | Annual         | BWDB                  | M&E                                      |  |
| <i>Achievement</i>                     |      |                 |              | -                        | 0            | 11           | 27.5         | 27.5         |              |              |               |                |                       |  | 27.51 kms (Pkg 01)<br>Nil (Pkg 02)   |
| Area restored re/afforested            | X    | ha              | -            | -                        | -            | -            | -            | 100          | 200          | 300          | 300           | Annual         | BWDB                  | M&E                                      |  |
| <i>Achievement</i>                     |      |                 |              | -                        | -            | -            | -            | -            |              |              |               |                |                       |  |  |
| <b>Intermediate Results Indicators</b> |      |                 |              |                          |              |              |              |              |              |              |               |                |                       |  |  |
| Indicator Name                         | Core | Unit of Measure | Base line    | Cumulative Target Values |              |              |              |              |              |              |               | Fre-<br>quency | Data Source/<br>Meth. | Responsible<br>for<br>Data<br>Collection | Remarks  |
|  |      |                 |              | YR1<br>14/15             | YR2<br>15/16 | YR3<br>16/17 | YR4<br>17/18 | YR5<br>18/19 | YR6<br>19/20 | YR7<br>20/21 | End<br>Target |                |                       |  |  |
| Water Management Organization (WMO)    |      | Nb.             | 0            | -                        | -            | -            | 1            | 2            | 3            | 4            | 4             | Annual         | BWDB                  | M&E/NGO                                  | Evaluation report for two NGO packages sent to WB 01 Oct 2018. Remaining 3 NGO packages likely in next two quarters. |
| <i>Achievement</i>                     |      |                 |              | -                        | -            | -            | -            | -            |              |              |               |                |                       |  |  |
| Improved coastal monitoring            |      | Studies         | Limited data |                          |              |              |              | 1            |              | 2            | 2             | Annual         | BWDB                  | M&E                                      | Consultant contract signed October 2018.   |
| <i>Achievement</i>                     |      |                 |              | -                        | -            | -            |              |              |              |              |               |                |                       |  |  |

|   |   |     |   |             |                  |                  |                   |                   |     |     |     |        |      |         |  |
|---|---|-----|---|-------------|------------------|------------------|-------------------|-------------------|-----|-----|-----|--------|------|---------|--|
| BWDB days of training provided            | X | No. | 0 | 20          | 40               | 60               | 80                | 100               | 120 | 140 | 160 | Annual | BWDB |         | Project total needs to be 140 (or PY7 should be 160).  |
| <i>Achievement</i>                        |   |     |   | 33<br>(341) | 33<br>(341)      | 33<br>(341)      | 45<br>(461)       | 45<br>(461)       |     |     |     |        |      |         | Reported duration in days (plus person-days)   |
| Client days of training provided - Female | X | No. | 0 |             |                  |                  |                   |                   |     |     | 60  | Annual | BWDB |         |  |
| <i>Achievement</i>                        |   |     |   | 33<br>(66)  | 33<br>(66)       | 33<br>(66)       | 33<br>(66)        | 33<br>(66)        |     |     |     |        |      |         | Reported duration in days (plus person-days)   |
| Grievance Redress Committee (GRC)         |   | No. | 0 |             | 4                |                  | 10                | 13                | 17  |     |     | Annual | BWDB | M&E/NGO |  |
| <i>Achievement</i>                        |   |     |   |             | 4<br>(15<br>GRC) | 4<br>(15<br>GRC) | 10<br>(36<br>GRC) | 10<br>(36<br>GRC) |     |     |     |        |      |         | GRC formation at union level undertaken for all polders of Packages 01 and 02.<br><u>Pkg 01</u> : A total of 134 complaints / grievances have been reported as received by GRC. Out of these, 20 complaints have been resolved at the entry level and the balance 114 cases have been resolved through investigations and formal hearing by GRC).<br><u>Pkg 02</u> : GRCs for Package 02 not fully functional. |