



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. 4
July-September 2016

Progress Report for 1st Quarter of GoB Fiscal Year 2016-17
Implementation Quarter 7

Submitted to:

Project Management Unit
CEIP-1

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



15 November 2016

BASIC DATA

Country : *Bangladesh*
 Project Title : Coastal Embankment Improvement Project, Phase-1
 Implementing Agency : Bangladesh Water Development Board
 Report number : 4
 Reporting Period : Quarter of July-September 2016

CURRENCY EQUIVALENTS

(Exchange Rate Effective May 15, 2013)
 Currency Unit = Bangladeshi Taka (BDT)
 US\$ 1 = BDT 79
 Currency Unit = Special Drawing Rights (SDR)
 US\$ 1 = SDR 0.66269

FISCAL YEAR

July 1 - June 30

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

2.1.1. Grant Source : Climate Investment Fund

2.1.2. Grant Amount : US\$ 25 Million

2.1.3. Date of Grant Approval : 29 May 2013

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

Table i-1: PPCR Expected Disbursements

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

Source: Project Appraisal Document, 2013

Loan IDA

2.2.1. Loan Number / Project ID : No. P128276

2.2.2. Loan Amount : US\$375 Million

2.2.3. Date of Loan Approval : 29 May 2013

2.2.4. Date of Loan Declared Effective /

Project Implementation Start Date : 02 Sep 2013

2.2.5. Expected Closing Date : 31 Dec 2020

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

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

Source: Project Appraisal Document, 2013

ACRONYMS AND ABBREVIATIONS

| | |
|-----------|--|
| ADB | Asian Development Bank |
| aka | also known as |
| BDT | Bangladeshi Taka |
| BFD | Bangladesh Forestry Department |
| BUET | Bangladesh University of Engineering & Technology |
| BWDB | Bangladesh Water Development Board |
| C&AG | Controller and Auditor General |
| 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 |
| CUL | Compensation Under Law |
| DA | Designated Account |
| DC | Deputy Commissioner |
| DG | Director General |
| 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) |
| 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 |
| 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 |
| ICT | Information and Communications Technology |
| ICB | International Competitive Bidding |
| ICBPQ | International Competitive Bidding with pre-qualification |
| 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 |
| 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 |
| 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 |
| 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. 4 July-September 2016

Table of Contents

| | |
|--|----|
| BASIC DATA | i |
| ACRONYMS AND ABBREVIATIONS | ii |
| EXECUTIVE SUMMARY | ix |
| 1. PROJECT BACKGROUND | 26 |
| 2. PROJECT INPUTS | 29 |
| 2.1 Finance and Disbursements | 29 |
| 2.2 Project Inputs – Personnel and Equipment | 32 |
| 2.2.1 Project Organization Chart..... | 32 |
| 2.2.2 Project Management Unit (PMU) | 32 |
| 2.2.3 Detailed Design, Construction Supervision and Project Management Support Consultant (DDCS&PMSC)..... | 33 |
| 2.2.4 Consultancy Service to Implement: (a) Social Afforestation and (b) Social Action Plan including setting up WMOs..... | 33 |
| 2.2.5 Consultancy Service for Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone | 34 |
| 2.2.6 Works Contractors | 34 |
| 2.2.7 Third Party M&E Consultants..... | 36 |
| 2.3 Procurement | 36 |
| 3. STATUS OF PROJECT OUTPUTS BY COMPONENT | 40 |
| 3.1 Outputs of Component A: Rehabilitation and Improvement of Polders | 40 |
| 3.1.1 Outputs of A1: Rehabilitation and Improvement of Polders –Package 01 | 40 |
| 3.1.2 Outputs of A1: Rehabilitation and Improvement of Polders –Package 02 | 46 |
| 3.1.3 Outputs of A1: Rehabilitation and Improvement of Polders –Package 03 | 46 |
| 3.1.4 Output of A2: Afforestation | 47 |
| 3.2 Outputs of Component B: Implementation of Social and Environmental Management Frameworks and Plans | 47 |
| 3.2.1 Outputs of B1: Implementation of Social Action Plans..... | 47 |
| 3.2.2 Outputs of B2: Implementation of Social Management and Resettlement Policy Framework (SMRPF) and Resettlement Action Plans (RAPs) | 47 |
| 3.2.3 Outputs of B3: Implementation of EMF and EMPs..... | 54 |
| 3.3 Outputs of Component C: Construction Supervision, Project Monitoring and Evaluation and Coastal Zone Monitoring | 58 |
| 3.3.1 Outputs of C1: Detailed Design and Construction Supervision of Package 01 | 58 |
| 3.3.2 Outputs of C1: Detailed Design and Construction Supervision of Package 02 | 58 |
| 3.3.3 Outputs of C1: Detailed Design and Construction Supervision of Package 03 | 60 |
| 3.3.4 Outputs of C2: Third Party Monitoring and Evaluation of Project..... | 60 |
| 3.3.5 Outputs of C3: Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone..... | 62 |
| 3.4 Outputs of Component D: Project Management, Technical Assistance, Training and Strategic Studies | 63 |
| 3.4.1 Outputs of D1: Project Management Support and Audits..... | 63 |
| 3.4.2 Outputs of D2: Technical Assistance and Training..... | 65 |
| 3.4.3 Outputs of D3: Strategic Studies and Future Project Preparation..... | 65 |
| 3.5 Outputs of Component E: Contingent Emergency Response | 65 |

| | | |
|---------------|---|------|
| 4. | KEY PERFORMANCE INDICATORS | 66 |
| 5. | PLANS FOR THE NEXT TWO QUARTERS | 67 |
| 5.1 | Planned Outputs for Component A: Rehabilitation and Improvement of Polders..... | 67 |
| 5.1.1 | Planned Outputs of A1: Rehabilitation and Improvement of Polders | 67 |
| 5.1.2 | Planned Output of A2: Afforestation | 68 |
| 5.2 | Planned Outputs of Component B: Implementation of Social and Environmental Management Frameworks and Plans | 68 |
| 5.2.1 | Planned Outputs of B1: Implementation of Social Action Plans..... | 68 |
| 5.2.2 | Planned Outputs of B2: Implementation of Social Management and Resettlement Policy Framework (SMRPF) and Resettlement Action Plans (RAPs) | 68 |
| 5.2.3 | Planned Outputs of B3: Implementation of EMF and EMPs..... | 75 |
| 5.3 | Planned Outputs of Component C: Construction Supervision, Project Monitoring and Evaluation and Coastal Zone Monitoring..... | 75 |
| 5.3.1 | Planned Outputs of C1: Detailed Design and Construction Supervision | 75 |
| 5.3.2 | Planned Outputs of C2: Third Party M&E Consultants | 76 |
| 5.3.3 | Planned Outputs of C3: Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone | 77 |
| 5.4 | Planned Outputs of Component D: Project Management, Technical Assistance, Training and Strategic Studies | 77 |
| 5.4.1 | Planned Outputs of D1: Project Management Support and Audits..... | 77 |
| 5.4.2 | Planned Outputs of D2: Technical Assistance and Training..... | 77 |
| 5.4.3 | Planned Outputs of D3: Strategic Studies and Future Project Preparation..... | 77 |
| 5.5 | Planned Outputs of Component E: Contingent Emergency Response | 77 |
| 6. | CONTRACTUAL, LEGAL AND ADMINISTRATIVE MATTERS | 78 |
| 6.1 | Works Contract W-01..... | 78 |
| 6.1.1 | Performance Bonds and Insurance | 78 |
| 6.1.2 | Invoices and Payments..... | 78 |
| 6.1.3 | Variation Orders..... | 78 |
| 6.2 | Works Contract W-02..... | 78 |
| 6.3 | Works Contract W-03..... | 78 |
| 7. | ISSUES AND RECOMMENDATIONS | 79 |
| ANNEXES | | A-1 |
| | Annex 1: Map of the Project Area | A-2 |
| | Annex 2: Basic Characteristics of the Project Polders as per PAD | A-3 |
| | Annex 3: Overview of Personnel Working under the Project..... | A-4 |
| | Annex 4 Project Input: Budget and Disbursements..... | A-7 |
| | Annex 5 Project Input Procurement Status and Plans..... | A-13 |
| | Annex 6 Component B 2: Estimated Schedule for Vacating Settlements for Package 1..... | A-26 |
| | Annex 7 Governance Accountability and Action Plan..... | A-28 |
| | Annex 8 Key Performance Indicators and Targets per PAD/DPP..... | A-32 |
| | Annex 9 Issues from Prior Quarters..... | A-35 |
| | Annex 10 List of DDCS&PMS Consultant Reports..... | A-42 |

List of Tables

| | |
|---|----|
| TABLE 1: REVENUE EXPENDITURES / INPUT COST UP TO 1 ST QUARTER OF FY 2016-17 (AS OF 30-SEP-16) | 29 |
| TABLE 2: CAPITAL EXPENDITURES / OUTPUT COST AS OF 1 ST QUARTER OF FY 2016-2017 (AS OF 30 SEP 2016) | 30 |
| TABLE 3: REVENUE-TO-CAPITAL EXPENDITURE DISBURSEMENT RATE | 30 |
| TABLE 4: DEPLOYMENT OF RAP CONSULTANT’S FIELD STAFF | 33 |
| TABLE 5: MANPOWER MOBILIZED BY THE CONTRACTOR AS OF 30 SEPTEMBER 2016 | 34 |
| TABLE 6: REQUIRED EQUIPMENT – PRELIMINARY ESTIMATE OF DDCCS&PMSC | 35 |
| TABLE 7: EQUIPMENT MOBILIZED BY THE CONTRACTOR AS OF 30 JUNE 2016 | 35 |
| TABLE 8: M&E CONSULTANTS STAFF UTILIZATION AS OF 30 SEPTEMBER 2016 (MONTH 11 OF 60) | 36 |
| TABLE 9: PROCUREMENT STATUS – CONSULTING FIRM SERVICES | 37 |
| TABLE 10: PROCUREMENT STATUS – INDIVIDUAL CONSULTANT SERVICES | 37 |
| TABLE 11: PROCUREMENT STATUS - WORKS | 39 |
| TABLE 12: PROCUREMENT STATUS - GOODS | 39 |
| TABLE 13: STATUS OF CC BLOCK PRE-CASTING YARDS | 41 |
| TABLE 14: PRE-CONSTRUCTION SURVEY WORKS SUMMARY | 42 |
| TABLE 15: STATUS OF PROGRESS OF PERMANENT WORKS – EMBANKMENT RE-SECTIONING | 42 |
| TABLE 16: STATUS OF PROGRESS OF PERMANENT WORKS – RETIRED EMBANKMENT | 43 |
| TABLE 17: STATUS OF PROGRESS OF EMERGENCY WORKS ON PERMANENT LOCATIONS | 43 |
| TABLE 18: STATUS OF PROGRESS OF FIRST BATCH OF EMERGENCY WORKS ON NON-PERMANENT LOCATIONS | 44 |
| TABLE 19: STATUS OF PROGRESS OF SECOND BATCH OF EMERGENCY WORKS ON NON-PERMANENT LOCATIONS | 45 |
| TABLE 20: CC BLOCK PRODUCTION | 46 |
| TABLE 21: PROGRESS OF TECHNICAL SURVEY WORK FOR DESIGN OF PACKAGE 03 | 46 |
| TABLE 22: NUMBER OF TITLED AND NON-TITLED ENTITIES IN PACKAGE 01 POLDERS | 47 |
| TABLE 23: BREAKDOWN OF NON-TITLED EPS BY POLDER AND CATEGORY | 47 |
| TABLE 24: SUMMARY PROGRESS OF LAP AND RAP IMPLEMENTATION – PACKAGE 01 | 48 |
| TABLE 25: LAND REQUIREMENT FOR PACKAGE-01 | 50 |
| TABLE 26: FOCUS GROUP FORMATION AND NUMBER OF MEETINGS | 50 |
| TABLE 27: STATUS OF AGREED ACTIONS ON LAP AND RAP – PACKAGE 01 | 51 |
| TABLE 28: SUMMARY PROGRESS OF LAP AND RAP IMPLEMENTATION – PACKAGE 02 | 52 |
| TABLE 29: STATUS OF AGREED ACTIONS ON LAP AND RAP – PACKAGE 02 | 53 |
| TABLE 30: STATUS OF EIA PREPARATION | 55 |
| TABLE 31: STATUS OF PREPARATION OF EIA FOR PACKAGE 3 | 56 |
| TABLE 32: ACTIVITY-WISE PROGRESS OF EIAs FOR PACKAGE 03 | 56 |
| TABLE 33: EMP COMPLIANCE AT WORK SITE FOR CONSTRUCTION ACTIVITIES | 57 |
| TABLE 34: AFFORESTATION TARGETS PER AFFORESTATION REPORT OF MARCH 2013 | 58 |
| TABLE 35: STATUS OF DESIGN FOR PACKAGE 02 | 59 |
| TABLE 36: M&E ACHIEVEMENT VERSUS PLAN | 61 |
| TABLE 37: STATUS OF PMU INSTITUTIONAL SETUP | 63 |
| TABLE 38: STATUS OF FINANCIAL MANAGEMENT ARRANGEMENTS | 63 |
| TABLE 39: SUMMARY STATUS OF KEY PERFORMANCE INDICATORS PER PAD/DPP | 66 |
| TABLE 40: SELECTED PLANNED PHYSICAL OUTPUTS FOR PACKAGE 01 | 67 |
| TABLE 41: LAP AND RAP PLANS FOR NEXT TWO QUARTERS – PACKAGE 01 | 68 |
| TABLE 42: LAP AND RAP PLANS FOR NEXT TWO QUARTERS – PACKAGE 02 | 69 |
| TABLE 43: LAP AND RAP PLANS FOR NEXT TWO QUARTERS – PACKAGE 03 | 70 |
| TABLE 44: ENVIRONMENTAL SAFEGUARDS PLANS FOR NEXT TWO QUARTERS | 75 |
| TABLE 45: DESIGN WORK – PLANS FOR NEXT TWO QUARTERS | 76 |

List of Figures

| | |
|--|----|
| FIGURE 1: ACTUAL AND PROJECTED DISBURSEMENTS BY PROJECT COMPARED TO PLAN (USD MILLION) | 31 |
| FIGURE 2: CEIP-1 PROJECT ORGANIZATION CHART | 32 |
| FIGURE 3: M&E CONSULTANTS PARTIAL WORK PLAN – COVERING THE TASKS OF THE FIRST YEAR | 62 |
| FIGURE 4: PLAN OF ACTION FOR RAP/LAP PACKAGE- 1 (CEIP-1), 2016 | 71 |
| FIGURE 5: PLAN OF ACTION FOR RAP/LAP PACKAGE- 2 (CEIP-1), 2016 | 73 |

Quarterly Progress Report No. 4 July-September 2016

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. 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 project reporting system and formats are still evolving. Therefore, additional information and data will also be provided in the reports of subsequent quarters as the format, content and information flows are improved. Suggestions for improving the content, presentation and utility of this report are welcome.

Summary of Achievements during the Quarter

Disbursements

As of September 2016 the Loan had become effective for 37 months. According to the IMED reports prepared by PMU, total disbursement to date is US\$24.09 million, up from US\$ 21.97 million at the end of Q4 (June 2016). The revenue expenditure for the first quarter of FY2016/2017 was weak at 0.01% of project total and the capital expenditure was at 0.71% of total project budget and 4.68% of the planned expenditures for the current year. This was largely due to the fact that with the beginning of the new fiscal year, there is a lag in budget approval, the figures only cover July and August since September data was not yet available, and also because of the reduced level of activity during the monsoon season. Nevertheless, it is clear that the revenue expenditures were low this quarter.

As for disbursements from the World Bank to the BWDB, they stood at 6.55% of the total amount, the same as it was at the end of the prior quarter. The disbursement target for the last year was not met and the implementation performance was downgraded in the prior quarter from *Satisfactory* to *Moderately Satisfactory*. According to the World Bank's Aide Memoire of June 2016:

"The disbursement target for FY16 was US\$55.48 million (IDA Credit US\$45.48 million + TF PPCR US\$ 10 million). No disbursement has been made since the last mission in December 2015. For IDA Credit 5280, the current disbursement is at US\$17.485 million in line with the projected US\$20 million for FY16. For PPCR Grant (TF-14713), the current disbursement is at \$8.712 million. The current total disbursement is at \$26.197 million."

Given the \$24.09 million level of cumulative disbursements by the project and the fact that despite a slow 1st quarter \$12 million was disbursed during the 4th quarter alone, the disbursement level is expected to improve substantially in FY 2016/2017. Even though disbursement was very low in the first quarter (July to September) of FY 2016-2017, there is a backlog of disbursements to be made for both works and services. In the October-December 2016 quarter, an estimated \$15 million equivalent BDT is projected to be disbursed and in the final two quarters of FY 2016/17, with the mobilization of the contractor for Package W-02, another \$34 million may be disbursed. Thus, CEIP-1 is expected to come close to meeting the target of \$56.96 in disbursement requests from the World Bank.

A replenishment was requested of the World Bank during the quarter in the amount of \$6.96 million.

Institutional Arrangements

The PMU is staffed with qualified and dedicated professionals, but some key positions remain to be filled. A key gap is the vacancy for Financial Management Specialist who resigned effective 29 February 2016. Additional individual consultants, such as the Communications Officer, field PMU staff, IPoE staff and others, are required and are to be brought on shortly.

The recruitment of the NGO tasked with the formation and strengthening of Water Management Organizations has been delayed and must be given priority, not only because it is the policy of the GoB that WMOs should be in place before physical works begin, but because this makes good programmatic sense.

Recruitment and Procurement

Key procurement activities undertaken during the quarter include:

- The proposed award for Works Package 02 covering the rehabilitation, reconstruction and upgrading of Polders 39/2C, 40/1, 40/2, 43/2C, 47/2 and 48 and evaluation was given no objection by the World Bank on during the quarter and submitted to CCGP. It is expected to be cleared by CCGP shortly. A major obstacle to signing the contract, however, is the concern over the lack of funds to cover the unexpectedly high land acquisitions costs. This matter is described in the issues section.
- Negotiation continued for the Consultancy for Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone Evaluation after commencing on 17 April 2016. The PD via letter of September 2016 has requested the Procurement Panel to reach a conclusion and make a recommendation. The Panel has again corresponded with the bidder and is currently reviewing their additional response. This is still pending as of the date of issue of this report (15 November 2016). As background, proposals were submitted on 28 December 2015. No objection was received from the World Bank on 03 March 2016 and consultants invited to negotiations starting 17 April 2016. The negotiations have been protracted and the Consultants have reduced their financial offer with their second revised offer of \$11.68 million submitted on 16 June 2016. This is still far above the budget of \$8.50 million in the DPP, though it may be noted that the original appraisal from the World Bank had estimated \$12.0 million for these services.
- Candidates for the replacement of the PMU Financial Management Specialist (national) are still under evaluation. The position has been vacant since 01 March 2016.

- CVs for PMU Communications Officer are under evaluation; submission deadline was 24 February 2016.
- Evaluation of EOIs for the consultancy services for social afforestation and social action plans for establishing WMOs continues. Original EOIs were submitted November 2014, and PMU contacted all 70 organizations who reconfirmed their interest in early June 2016.
- Two (2) new individual consultants are being recruited based on PMU needs – an Accounting and Financial Management Systems Specialist and IT Specialist (for development of the FM system). The TORs were prepared and World Bank provided NOL on 14 February 2016. Three CVs were received for each position by 10 March 2016 and evaluation is ongoing.

Summary of Pending Procurement by Stage

| Item | Stage | Date Started |
|--|-----------------|------------------|
| Consulting Services for Social Afforestation and Social Action Plan | EOI Evaluation | 01 June 2016 |
| Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone | Negotiation | 17 April 2016 |
| PMU Financial Management Specialist | CV Evaluation | March 2016 |
| PMU Communications Officer | CV Evaluation | 24 February 2016 |
| Accounting and Financial Management System Specialist | CV Evaluation | 10 March 2016 |
| Information Technology Specialist | CV Evaluation | 10 March 2016 |
| Civil Works Package 02 | Award Clearance | June 2016 |

Works

Works Contract 1 was signed on 1 November 2015 and the contract effectiveness date was 26 January 2016. Mobilization has been slow, but gradually improving. The monsoons have slowed works since May.

The Package 01 Contractor finally submitted a Works Program that was accepted by the DSC on 24 August 2016. Limited physical works were conducted during the July to September quarter due to the monsoons. The Contractor made some progress on the laboratory in Khulna (10% advance now having reached 70% completion) and Engineer’s office in Rayenda (30% advance to 35% completion). In the earlier quarter, emergency works were undertaken on about 25 individual locations in response to observed weaknesses in polder embankments that were vulnerable to erosion and potential breach during the 2016 monsoon season. 5.247 kms of permanent works of which 0.810 kms is completed and the balance is in progress.

In the current quarter, a second group of 18 vulnerable sites (some arising due to cyclone Roanu) were identified. Work was fully completed on 12 sites, is in progress on three sites and is not yet started for the remaining three sites as they are under design. The total estimated amount for all emergency works currently underway amounts to about 92% of the total allocation of BDT 40 million under the lump sum BoQ item of Package 01. This budget is meant to cover the three year construction period and while the need for emergency works will decline as the permanent works advance, it is clear that additional funds will be required.

CC block production stands at 43,350 on 30 September, up from 35,575 on 30 June 2016. This is about half of one percent of the more than 8 million that must be produced. The Contractor has

ordered five automated CC block making machines (an increase from the four planned); three have been delivered, two are being erected and one has been commissioned and is operating. They will have a combined capacity of 15,000 blocks per day assuming 8-9 hours of operation. At this pace, about 500 days would be required to produce the required quantity. The machines may be operated for additional hours to meet the needs of the project, assuming good maintenance.

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 DDCS&PMSC) have been in place since January 2015 and have been carrying on their work diligently. The DDCS&PMSC is comprised of Royal HaskoningDHV in association with DevCon/KMC/CEGIS, DPM, IWM and DHI.

DDCS&PMS Consultants had completed the designs for Package 01 polders in a prior period. The Consultants also oversaw the survey and design work undertaken by the Works Contractor for Package 01.

The detailed designs of Package 02 polders advanced during the current quarter to 85% level from 70% completion at the end of June. Specifically, 21 kms of drainage channels and 39 no. flushing sluices were designed during the quarter and five drainage sluices and all 5.4 kms of riverbank protection works that had been designed in the prior quarter were approved by the design circle this quarter.

The design of package 03 polders commenced during the quarter and stands at about 10% complete.

Environment

The EIAs for the six Package 02 Polders have been submitted in draft final to the World Bank for review in September 2016 after incorporating the comments of PMU, M&E Consultants and also World Bank on the earlier versions. The World Bank has informed that it will not do a final review of these EIAs until IPOE has commented on them. Draft EIAs for the seven Package 03 polders are in the process of being prepared by the DDCS&PMSC.

The first Bi-Annual Environmental Monitoring Report was submitted by the DDCS&PMS Consultants with the input of the PMU and M&E Consultants. PMU forwarded this report to the World Bank on 31 July 2016. The Contractor for Package 01 has prepared their Environmental Action Plan with the close guidance of DDCS&PMSC. The EAP has been drafted during the quarter and subsequently shared with the World Bank on 24 October 2016.

RAP/LAP Preparation and Implementation

Key accomplishments during the July-September 2016 quarter for Package 01 include:

- Completion by DC of the long-delayed Joint Verification Survey of the final section in polder 35/1
- Further updating of the RAP based on latest survey data
- Completion of Entitled Persons File & Entitlement Card (EP&EC) for all 5307 non-titled EPs
- Indent and Debit Voucher preparation for making payment of compensation and benefits to about 1550 non-titled EPs
- Participation in the issuance of compensation payments to 1119 of 1157 non-titled EPs¹.

¹ The remaining 38 EPs were absent during the check distribution events, but will be contacted and paid shortly.

- Checks for payment of compensation for structures and non-land assets totaling 200 million BDT (approximately \$2.5 million) were distributed during September 2016. Another 270 million BDT (approximately \$3.4 million) of funds were disbursed by CEIP to Deputy Commissioners (DC) for acquisition of land based on their lump sum estimates of funds required. Actual disbursement to titled EPs will be made only after individual valuations are completed by the DC.
- Some of the compensated 1,119 PAHs are already preparing to vacate the right of way.

Key accomplishments during the July-September 2016 quarter for Package 02 include:

- RAP submitted to the World Bank
- Property valuation surveys conducted
- LAPs for polders 43/2C, 47/2 and 48 prepared (and subsequently submitted to DC offices by 10 October 2016)
- Video recording of assets in ROW brought from 50% level to 100% complete.
- 208 of the planned 235 Focus Groups formed

Monitoring and Evaluation

Key activities performed during the current quarter include:

- Preparation of reports and briefing materials
- Entry and cleaning of data from baseline survey
- Assistance to PMU in project reviews and assessment of issues
- Support to PMU and DCS&PMS Consultant in critical reviews of EIAs, Contractor's EAP, Relocation Plan and preparation of Bi-Annual Environmental Monitoring Report
- Field Visits
- PMIS Development, including a PMIS Workshop

The M&E consultancy contract became effective 23 October 2015 and the Consultants, Sheladia Associates, Inc. of the USA in association with BETS Consulting Services, Ltd. of Bangladesh, mobilized on 01 November 2015.

Issues and Recommendations

New Issues

The first five of these seven issues should be considered red flag issues given they are urgent and present a potentially high risk to the project.

Issue² QPR4-1: Land Acquisition Cost Has Increased Dramatically

Land acquisition costs have risen dramatically since the estimates provided during appraisal for a variety of reasons explained in an assessment report prepared by the DSC. Even in the last few months land prices have increased given the payment of compensation to 1119 squatters who have suddenly exerted effective demand in the land market. With an estimated 7-8% of the polder population being physically relocated, such an effect is not unexpected. Additional budget must be allocated and the source(s) of financing must be agreed between the World Bank and the Government of Bangladesh.

The two basic options are increasing funding levels or keeping funding constant and shifting funds from areas with savings (not sufficient in itself) and by reducing the project scope. With respect to

² We adopt a convention of numbering issues with the QPR number (in which quarterly report the issue was first raised) followed by the serial number.

the reduction in scope, the DSC has proposed that polders 14/1 and 15 be dropped from CEIP-1 in any case. These two polders have been characterized as being somewhat inconsistent with the project development objectives since they are predominantly under shrimp production. This runs counter to the PDO of improving agricultural production by reducing saline water intrusion. It also means that the costly investment would be made in an area where smallholders and poor would not be the principal beneficiaries. Finally, it has been argued, that the very sustainability of the embankment will be in question as the shrimpers typically cut through embankments and install pipes at their base to admit the brackish water they need. These conduits are areas of increased erosion that lead to deterioration of the embankments over time.

PMU has submitted a preliminary proposal for re-appropriation of funds to the World Bank on 07 September 2016. This was followed by a video conference with the World Bank on 03 October 2016 and GoB submission on 01 November 2016 of a formal re-appropriation proposal to World Bank for their concurrence.

Recommendation: World Bank to consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs.

Issue QPR4-2: Delay in Signing of Contract for Works Package 02

Related to the issue above, it appears that the contract for Works Package 02 cannot be signed unless the budget for the entire value of the contract has been authorized, though it is understood that the actual funds need not be available immediately. Since the land acquisition costs for W-02 (combined with the already committed LA costs for W-01) exceed the total authorized budget for LA under CEIP-1, a formal agreement on reallocation of budget is required.

Recommendation: Same as above.

Issue QPR4-3: Relocation Planning and Assistance to be Improved

1119 non-titled EPs (squatters) have been compensated by September 2016 and they are preparing to vacate the project area. In fact, as of this writing, many of these households have started to move. More EPs will be compensated in the upcoming quarter. There is limited understanding of whether these PAHs have found reasonable accommodation and whether it is permanent or temporary and whether it addresses the needs of the displaced. Presently, the Physical Relocation Assistance Committees are in the process of being formed.

With an eventual 15,000 households to be relocated including a large number of businesses, CEIP-1 has been characterized as having the largest displacement in the World Bank's current portfolio worldwide. It is well appreciated that not meeting the RAP objectives would put the project at risk. Everyone concerned is fully aware of the legal and ethical obligations. The DDCS&PMS Consultant is responsible to carefully review the RAP and ensure it is implemented fully and effectively.

Recommendations:

Several areas need to be strengthened:

1. The DDCS&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 this data should be vetted by the Consultants as to credibility and reasonableness. Post-move interviews should be conducted. More importantly, in the future, this information should be available before the move. It is understood that the RAP team has asked PAHs where they will move ahead of time, but this information must be assessed in some way to confirm

these are not just statements provided without a concrete basis in order to simply get on with getting compensation.

2. PRAC should begin to function immediately and be given an orientation by DDSC&PMS Consultants and PMU's Senior Social Specialist as to their mandate and operation guidelines and some logistic support provided so they can execute their responsibilities. PRAC for Package 01 must be expedited. We must learn from this and make sure that the PRAC for Package 02 is operational before the resettlement process advances to relocation stage.
3. DDSC&PMS Consultant and the PRACs should monitor and report any cases where squatters are having difficulty identifying a place to relocate. This might occur given rising land prices and the elimination of the temporary relocation option which would have allowed return to the embankment after construction. Earlier, it was felt by the Project staff and EPs alike that the amount of compensation provided to squatters would be sufficient to allow them to purchase land. With the sudden increase in demand, this does not appear to always be the case. Land prices have increased dramatically, even in the last several months as compensation payments have been made by CEIP-1.
4. It would be better if EPs were informed in advance of the total estimated amount of compensation they are to receive under the entitlement framework specified by the RAP and not left to guess how much they will get until the day they receive their check. Such advance information would allow the EPs to know how much they have to work with when looking for a new place to live. It would allow them to be more informed to better evaluate and decide which relocation option to select and might allow them to make a rental or purchase deal before the prices spike again.

Issue QPR4-4: Livelihood Restoration Program Needs Attention

There is no plan for the livelihood restoration program. Meanwhile, Project-Affected Households (PAH) are already preparing to vacate the project area. It is the policy of CEIP-1 that every PAH will have been provided adequate assistance so that they will be at least as well off as they were before relocation or resettlement. This means that payment of compensation according to the entitlement matrix is only a part of the requirement. The livelihood restoration program is needed to meet the social safeguard requirements.

Recommendation:

The DDSC&PMSC should develop a training program and oversee its implementation. The question of whether displaced PAHs (and especially the vulnerable) will be able to continue earning in the same way they have before and at comparable levels needs to be answered. 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.

Issue QPR4-5: PMU Team Needs Assistance

Complex engineering, contractual and financial matters require a great deal of PMU's effort and extensive consultation at senior levels. Urgent priorities must be and are being attended. Challenges exist such as delegation, communication, timeliness of actions, and especially work load.

Recommendation:

All the required PMU staff should be in place. It should be noted that this is in process.

Issue QPR4-6: Environmental Monitoring Capability Must be Strengthened Further

The EIAs contain EMPs that are not easily digestible by the staff of the supervision consultants and the Contractor. However, in order for the contractor and consultant staff to implement the EMP, they must have a detailed understanding of its dictates as they schedule the work, plan the work methods and execute the works. They must also keep records according to specified formats and protocols. Training has been planned (and executed) for the Consultant and Contractor staff on 1-2 October 2016 and this is a good start. The Contractor has no Environmental Officer, but has deputed one Site Engineer per polder to carry the additional charge of environmental monitoring.

Recommendation:

As already stated by the DDCS&PMS Consultants, the environmental monitoring and mitigation training will involve a series of sessions. The first one in October was simple awareness-raising which is important and welcome, but the rest of the training program must be developed and implemented without delay since the construction season has commenced in late September. As already recommended by the DDCS&PMS Consultants, the Contractor should appoint at least one Environmental Officer and polder-wise environmental monitors should be in place that carry no other responsibility.

Issue QPR4-7 Preparation of CEIP-Phase 2 Should Commence Soon Given the Serious Need

The rationale for investment in polder improvements laid out in the appraisal document of CEIP-1 remains valid. Based on historical records of damage and losses and the ongoing erosion, subsidence and deterioration of other polders in the coastal areas of Bangladesh, the embankment improvement works are essential for many other polders. This is especially true considering the effects of climate change. Anecdotal evidence shows CEIP-1 activities and objectives enjoy strong support from polder residents. According to the IPOE, the GoB considers expansion of the CEIP effort a priority.

Recommendation: Since project preparation and appraisal takes a substantial amount of time and the need for embankment improvement in the coastal polders is apparent, it is recommended that the World Bank and GoB begin planning for the preparation of CEIP-2 as soon as practically possible.

Red Flag Issues Unresolved from Prior Quarters

The issues bulleted here are the most critical among the issues remaining unresolved. One red flag issue was resolved during the last quarter – the completion of the Joint Verification Survey for Package 35/1 which had been pending for almost one year. Some elaboration is provided in the table on the pages that follow, with fuller discussion in Annex 9 – *Issues from Prior Quarters*.

- **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 or more.
- **R** Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management
- **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

- **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.

All of these “red flag” issues are both urgent and important and they must be pursued in parallel. The resettlement and land acquisition processes are 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 the land acquisition process has not yet begun due to delays in land valuation. Currently, it is projected that payments to the last of the non-titled EPs in Package 01 will likely be completed only in February 2017 and then the EPs are given 30 days to move. Compensation to most titled EPs for their land will stretch beyond that. Of course, the Package W-01 Contractor has unencumbered stretches available and can work around the stretches that EPs are to vacate.

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

The issues from the prior Quarterly Progress Reports are summarized in the table that appears at the end of the Executive Summary along with the status of recommendations. A fuller discussion of these issues is presented in Annex 9: *Issues from Prior Quarters*.

[Summary of Plans for the Next Two Quarters](#)

Procurement: Package 02 Works Contract will be negotiated and awarded in the next two quarters. As for Package 03, it will be challenging to issue works tender by 31 January 2017 as agreed in the Aide Memoire of June 2016. The tender may actually be issued in March 2017.

The Procurement Panel is to complete the negotiation and PMU will sign the contract with the first-ranked firm on the Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone Consultancy or steps will be taken to re-advertise depending on the recommendations of the Procurement Panel. PMU will complete the evaluation of EOIs for the Social Afforestation and Social Action Plan NGOs, obtain no objection from the WB, issue the RFP and complete evaluation of the proposals. The replacement Financial Management Specialist for PMU will be selected and mobilized and PMU will complete recruitment of the PMU Communications Officer and update the TORs for other individual consultants (including IPOE) to be recruited. The Procurement Specialist’s contract must be extended before it expires on 31 October 2016.

Design: Detailed design of Package 02 was expected to be fully completed by 30 September 2016, but stands at 85% complete, so completion of this work will be a priority in the next quarter. For Package 03 detailed design is to be 50% complete by 31 December 2016. Modeling for detailed design stands at 95% complete compared to the expected 90% level and it will be completed in the upcoming quarter. Geotechnical surveys and investigations will be undertaken starting in January 2017.

Works: By 31 December 2016, 30 kms of embankment, 10 drainage channel upgrades and 2.45 kms of river bank protection works are targeted to be completed. In addition, the construction of the office and laboratory in Khulna are expected to be completed. The Package 01 Works Contractor is to close the major gaps in equipment mobilization. The Package 02 Contractor is expected to mobilize and begin works in the next two quarters.

Construction Supervision: Physical progress S curve is to be developed by the DDCS&PMSC with guidance of PMU and M&E Consultants. The DDCS&PMSC is transitioning towards the Supervision and Contract Management Role and will further develop or prepare the associated procedures and Manuals of Construction Supervision, Quality Assurance and Risk Management. The latter is to include in particular the management of risks associated with the resettlement / land acquisition requirements.

The DDCS&PMS Consultants will complete the preparation of Bidding Documents for Package-3 by taking into account the lessons learned from Package-1 and Package-2. The DDCS&PMSC progress report Gantt Chart shows finalization and approval of the Bidding Document for Package 3 for 13 February 2017 and award of contract for 6 October 2017.

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

- Finalizing Package 01 RAP and complete its translation into Bengali
- Finalizing Package 02 RAP
- Completing all Package 01 and Package 02 LAPs by December 2016
- Completing the payment of compensation for all non-titled EPs of Package 01 by February 2017
- Starting the payment of compensation for land of the titled EPs of Package 01 by December 2016
- Starting the payment of compensation for Package 02 EPs
- Ensure PAVC and GRC members are in place and convening for both Package 01 and 02
- Ensure PRAC is functional and pro-actively supporting PAPs that will be displaced in both Package 01 and Package 02 areas.
- For Package 03, maps will be collected, plot schedule prepared and preparation of LAPs will commence.

Environmental Safeguards: The EIAs for the six polders of Package 02 will be issued in final and EIAs for the seven polders of Package 03 will be completed. An environmental audit will be conducted, Bi-Annual Environmental Monitoring Report prepared, and environmental management and monitoring training for the Package 01 contractor and consultant staff will be conducted.

Monitoring and Evaluation: The M&E Consultants are to prepare the fifth Quarterly Progress Report, prepare the Baseline Survey Report, conduct a Baseline Survey Results Workshop, prepare and launch the first generation web-based PMIS, undertake an environmental audit, monitor the performance of CEIP-1 and provide M&E training. They will also participate in the expected Mid-Term Review and any ISR missions of the World Bank.

Administrative: The DPP will need to be revised and work on this will have to commence in the next two quarters.

Status of All Issues Raised in Prior Quarters

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|---|---|---|
| from QPR3 | | | |
| Issue QPR3-1: Security is a Growing Concern | The security situation in Bangladesh has not directly affected the works or services as of this time, but judgment and caution must be exercised for any travel within the country. Signage at campsites may be made inconspicuous. Consultants and Contractors may wish to develop and put in place a security plan for their Dhaka staff and field staff. | RESOLVED for now, but CAUTION required. The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous. PD has written to the police in the project area and they have standing orders to accompany staff to the field when requested. | Security risks should continue to be monitored as they could constrain field activities of international staff. |
| Issue QPR3-2: Equipment Mobilized on Contract W-01 is Inadequate | 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. | PARTIALLY RESOLVED. With the delivery of 40 new pieces of equipment (Mongla Port on 25 Sept 2016), the equipment mobilized by the Contractor is 46% of the required equipment strength as per the Engineer's estimate early in 2016. The number of excavators is now improved with 41 units in country of the 49 estimated to be required. An additional 13 bulldozers are also in port. Contractor has indeed commenced procurement of additional equipment including 57 dump trucks and 2 more CC block manufacturing machines. This will be helpful, but does not fully close the gap. | Additional equipment needs should be identified and equipment procured immediately. |
| from QPR2 | | | |
| Issue QPR2-1: Overall Reporting System Needs Attention and Improvement | 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 | PARTIALLY RESOLVED. The M&E Consultants and PMU have provided guidance on the content and presentation of reports and | DDCS & PMS Consultant reports need further improvement in segregating activities and accomplishments |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|--|--|
| | accomplishments and activities from cumulative numbers and compare monthly/quarterly progress against monthly/quarterly plans. Explanations of deviations from plan should be provided. | continue to work with the DDCS & PMS Consultants in a collegial manner. Report content continues to improve. Reports are now on time. | by quarter, showing plans, and sometimes in being up to date. |
| Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment Flagged RED | The construction works are now estimated to cost more than planned due to a number of reasons. Also the USD/SDR exchange rate has changed resulting in a budget shortfall. A DPP revision should be prepared without delay capturing whatever changes are required since package 03 may not be able to be tendered otherwise. The PMU should continue to consult the World Bank. The DDCS&PMSC Consultants should provide an estimate of likely works package 03 costs. | NOT RESOLVED. A rough estimate of Package 03 works costs has been provided to the PMU. Land Acquisition Costs have also increased and DDCS&PMSC have provided an outline of alternative options including reduction in works by eliminating two polders from the scope. | 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 delay or hamper project implementation. |
| Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled Flagged RED | BWDB may request the DC to give priority to completing (i) the compensation rates for non-titled PAPs and thus enable updating of the RAP, payment calculations and issuance of checks by the PD, and (ii) the JVS of Polder 35/1. | RESOLVED. JVS for remaining section of polder 35/1 completed in September 2016. | |
| Issue QPR2-4: There may not be a consistently systematic approach to document processing and control | Each survey or technical report needs submission through a formal process. Copy should be provided to IPOE and the M&E Consultant. A table of reports and review status should be provided by the DDCS&PMS Consultants at the end of every quarter. | PARTIALLY RESOLVED. Improvement is noted as technical reports are generally being submitted to PMU and M&E Consultant. A table of reports is being provided by DDCS&PMSC. | DDCS&PMSC will consistently follow the recommendation. |
| Issue QPR2-5: Measure of physical progress needs to be developed | Currently, the S-curve presented in the DDCS&PMSC reports shows cumulative physical progress (actual versus planned) only in financial terms. De facto, this will always show physical | NOT RESOLVED. DDCS&PMS Consultant has prepared and shared one approach for assigning weights at the highest level | DDCS&PMSC to propose methodology and organize a meeting with PMU, IPOE and M&E to finalize the weighting |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|---|
| | <p>progress ahead of financial disbursement and will not provide any alert as to potential cost overrun.</p> <p>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.</p> | <p>(14 BOQ items). This has been discussed briefly with M&E Consultants.</p> <p>The Consultants have also adopted a percent progress formula for embankment works that is based appropriately on cum of earthwork. This is a good step.</p> | <p>of physical elements of the works.</p> |
| <p>Issue QPR2-6:</p> <p>Environmental Concerns may need attention – mitigation for fish migration</p> | <p>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.</p> | <p>PARTIALLY RESOLVED.</p> <p>M&E Consultants met with the Fisheries Expert of DDCS&PMSC to elaborate the concern and provide guidance.</p> | <p>DDCS&PMSC to explain options and make their recommendations to PMU.</p> |
| <p>Issue QPR2-7:</p> <p>Periodic Environmental Reports Required</p> | <p>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.</p> | <p>PARTIALLY RESOLVED.</p> <p>PMU, M&E Consultants and World Bank have provided some guidance on the content of various environmental reports.</p> <p>1st Bi-annual Environmental Monitoring Report has been submitted by the DDCS&PMSC.</p> <p>Additional improvements will be needed.</p> | <p>Future periodic reports on environment to be prepared by DDCS&PMSC. PMU’s Senior Environmental Specialist and M&E Consultants will support as appropriate.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|--|---|
| <p>Issue QPR2-8: Recently Procured Project Vehicles Have Not Been Assigned to the Field</p> | <p>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. There is a plan to procure a few more vehicles and it is recommended that these vehicles be made available to the implementation staff in the field offices as the field work will soon intensify.</p> | <p>PARTIALLY RESOLVED. PMU in the field has been provided with 2 vehicles by the Contractor for Package 01, so there is sufficient transport available for the time being.</p> | <p>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.</p> |
| <p>Issue QPR2-9: Construction Supervision Systems to be Strengthened</p> | <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& PMSC site supervisors and Contractor's Site Construction Managers, etc.</p> | <p>PARTIALLY RESOLVED. DDCS&PMS Consultants continue to elaborate and improve their systems.</p> | <p>DDCS&PMS Consultants will report on the status of their systems by system element in their monthly and quarterly reports.</p> |
| <p>Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</p> | <p>The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract, Contract Management and Claims Avoidance/ Management. While Consultants have been hired to serve as Engineer, the Owner needs to understand the roles, authorities</p> | <p>NOT RESOLVED. The World Bank, during its June 2016 mission, signaled its willingness to consider whatever support PMU might need. PD has started a discussion with senior BWDB officials concerning PMU</p> | <p>PD to decide on appropriate option to pursue in consultation with the BWDB, Ministry and then World Bank.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|--|
| Flagged RED | <p>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>support requirements.</p> <p>The WB provided an experience-sharing opportunity in the first week of October for the PD CEIP-1 with other PDs.</p> <p>The DDSC&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could provide such expertise, with an amendment to the ToR and addition of required resources.</p> | |
| from QPR1 | | | |
| <p>Issue QPR1-1:</p> <p>Physical Progress on Works Package W-01 is in danger of being delayed.</p> | <p>i. Contractor to hire equipment until their own equipment is available.</p> <p>ii. Administration of the works would best be managed polder-wise, meaning that a deputy PM or someone in authority should be posted at each polder to permit simultaneous works in four polders.</p> | <p>i. PARTIALLY RESOLVED</p> <p>ii. RESOLVED</p> <p>i. The Contractor complied after delay and 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 DDSC&PMS Consultant. Permanent works progress very limited.</p> <p>ii. Complied</p> | <p>DDSC&PMSC should continue to review the adequacy of equipment 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.</p> <p>To be followed through for the next two works packages.</p> |
| <p>Issue QPR1-2:</p> <p>Contractor for Works Package W-01 has a limited ability to communicate due to language</p> | <p>i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication</p> | <p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. Contractor has appointed interpreters to serve on each of the four polders.</p> <p>ii. Contractor has hired a</p> | <p>Consider requiring communication as an explicit part of bid requirement for Package 03.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|--|---|
| barrier. | and cultural understanding. | Bangladeshi sub-contractor. | |
| <p>Issue QPR1-3:</p> <p>Procurement of Works Contractors by ICB has failed to attract broad international interest</p> | <p>i. For future packages, the Pre-Qualification criteria should be reviewed and possibly adjusted (for example, to better specify the meaning of experience in similar projects to include physical, logistic and complexity aspects relevant to the Bangladesh coastal zone) and past performance references should be checked.</p> <p>ii. Exceptionally low priced bids should be eliminated from consideration.</p> <p>iii. Consider the option of issuing bid packages of 2-3 polders each for the remaining works.</p> | <p>i. RESOLVED.</p> <p>ii. NOT RESOLVED.</p> <p>iii. RESOLVED.</p> <p>i. DDSC&PMSC have agreed to review for Package 3 works.</p> <p>ii. Pending, but may not be possible under procurement rules.</p> <p>iii. Discussed with World Bank and declined.</p> | Needs to be reviewed for Package 3 works. |
| <p>Issue QPR1-4:</p> <p>LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor</p> <p>Flagged RED</p> | <p>i. Appointment of PAVC members must be completed quickly.</p> <p>ii. PAVC must finalize the compensation rates for various types of losses without delay.</p> <p>iii. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDSC&PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p> | <p>i. RESOLVED FOR PKG 01</p> <p>ii. RESOLVED FOR PKG 01</p> <p>iii. PARTIALLY RESOLVED</p> <p>i. PAVC appointed for Package 01 in December 2015.</p> <p>ii. Rates for various assets set by PAVC. Land valuations are finally done for Package 01.</p> <p>iii. M&E Consultant has requested the DDSC&PMSC for a detailed risk assessment approach. Accordingly, the Consultant has prepared a section-wise approach to construction planning. The DDSC&PMSC / KMC are to provide LA requirement details for each of the 11 construction BoQ works items separately so as to better assess risks.</p> | <p>PAVC members for Package 02 may be appointed without delay.</p> <p>System for tracking unencumbered sections by way of a calendar yet to be developed.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|---|---|---|
| <p>Issue QPR1-5: Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters</p> <p>Flagged RED</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>PARTIALLY RESOLVED</p> <p>Recruitment of some consultants programmed by PMU; Recruitment and procurement process is taking much time.</p> | <p>Balance of recruitment plan to be developed based on need by PMU in collaboration with M&E Consultants and DDCS&PMSC. TORs to be reviewed and updated.</p> |
| <p>Issue QPR1-6:</p> <p>The M&E Consultants will be required to expend additional resources given the need for multiple baselines and large sample required</p> | <p>The M&E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.</p> | <p>NOT RESOLVED</p> <p>A preliminary draft justification has been shared with PMU.</p> | <p>M&E Consultants to discuss the requirements with PMU.</p> |
| <p>Issue QPR1-7:</p> <p>Reporting Formats of implementing partners do not consistently provide needed information</p> | <p>M&E Consultant will continue to work with the other consultants to develop a clear format for the reporting of all project inputs, processes and outputs.</p> | <p>PARTIALLY RESOLVED</p> <p>Being done continually.</p> <p>This issue has been repeated in QPR2 with some elaboration.</p> <p>DDCS&PMSC have substantially improved their monthly progress report starting August 2016.</p> | <p>Follow-up to be continued.</p> <p>DDCS&PMSC are responsive to the advice and proposals regarding reporting requirements.</p> |

1. PROJECT BACKGROUND

After the implementation of CERP-II, cyclone SIDR struck in 2007. 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 "build back better" designs 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. The basic characteristics of the polders included under the Project is presented in Annex 2.

The 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,³
- (ii) the development of a system to computerize land acquisition and resettlement data with Global Positioning System (GPS) reference,⁴ 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.

³ Component B2 (i) is allocated to Capital Expenditure Category 4.a Acquisition of Land (544.16 ha)

⁴ Component B2 (ii) is included under the ToR of the Consultancy Services for Detailed Design, Construction Supervision & Project Management Support (Contract Package No. CEIP-1/B2,B3 & C1/S2) i.e. under ToR items B4 and C3.

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.

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

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

2. PROJECT INPUTS

2.1 Finance and Disbursements

Tables 1 and 2 present the Revenue/ Input Expenditure Data as well as Capital / Output Expenditure Data as of 30 September 2016. Revenue expenditures in the first quarter reached only 0.07% of the planned expenditures for the current FY (column 8, last row).

Table 1: Revenue Expenditures / Input Cost up to 1st Quarter of FY 2016-17 (as of 30-Sep-16)

| All BDT in Lakh Taka ("00,000) | | | | | | | | | | |
|--------------------------------|--|------------------|-------------------|------------------------------|-------------|-------------|---------------------------------|---------------|--|---------------|
| Services Package | Planned for | | | Progress | | | Achieved (%) of this FY against | | Cum. achieved against the Total Project Cost | |
| | Total Project | FY 2016-17 | Cum. upto last FY | This (1st) Quarter of the FY | This FY | | This FY's Plan | Total Project | | |
| | BDT | BDT | BDT | BDT | BDT | US \$ | % | % | % | |
| Rf # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. | Implementation of SAP and EMP | | | | | | | | | |
| | Resettlement / Compensation Payments other than Land Acquisition | 26,918.60 | 4,500.00 | 2,000.00 | - | - | - | - | - | 7.43% |
| 2. | Construction Supervision, M&E, Delta Monitoring | | | | | | | | | |
| 2.a | Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 13,659.28 | 3,188.06 | 3,365.92 | - | - | - | - | - | 24.64% |
| 2.b | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP | 2,609.09 | 1,000.00 | 398.75 | - | - | - | - | - | 15.28% |
| 2.c | Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone | 6,709.09 | 800.00 | - | - | - | - | - | - | - |
| 3. | Project Management, TA, Training, Strategic Studies | | | | | | | | | |
| 3.a | Project management support and audits | 11,507.99 | 685.70 | 1,209.39 | 7.68 | 7.68 | 9,722 | 1.1% | 0.1% | 10.58% |
| 4. | Overseas Training | 745.45 | 124.24 | 203.19 | - | - | - | - | - | 27.26% |
| 5. | Honorarium/ Fees/ Remuneration | 30.00 | 2.00 | 3.39 | - | - | - | - | - | 11.30% |
| | Other Activities not yet undertaken | 7,056.30 | 300 | - | - | - | - | - | - | - |
| | Sub-total Revenue Component | 69,235.80 | 10,600.00 | 7,180.64 | 7.68 | 7.68 | 9,722 | 0.07% | 0.01% | 10.38% |

Source: IMED-05 report (August 2016) of CEIP-1 for 1st Quarter of FY(2016-2017) [Jul to Sep 2016]

1 USD=79 BDT

Capital expenditures (Table 2) reached only 4.86% of this year's plan.

The weak level of disbursements in the first quarter of the fiscal year is to be expected to some degree because the budget approval process must be completed before expenditures can be made. However, we may compare to the first quarter of the prior year. Revenue expenditures this year were at 0.01% of project total compared to 0.54% in the first quarter of last year. Capital expenditures during the first quarter of this year were 0.71% of the total project budget. This compares to 0.0% during the same quarter last year when there was no procurement of goods or equipment and the package 01 works had not yet been awarded. It is clear that the revenue expenditures lagged this quarter.

Table 2: Capital Expenditures / Output Cost as of 1st Quarter of FY 2016-2017 (as of 30 Sep 2016)

| Goods & Works Package | | Planned for | | Progress | | | Achieved (%) of this FY against | | Cum. achieved against the Total Project Cost | |
|---|--|-------------------|------------------|------------------|------------------------------|-----------------|---------------------------------|----------------|--|---------------|
| | | Total Project | FY 2016-17 | Cum upto last FY | This (1st) Quarter of the FY | This FY | | This FY's Plan | | Total Project |
| | | BDT | BDT | BDT | BDT | US \$ | % | % | % | |
| Rf # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2. | Equipment and goods under Comp. B, C, D (6800) | 1,545.30 | 450.00 | 702.83 | - | - | - | - | - | 45.48% |
| 4.a | Acquisition of Land (544.16 ha) | 8,852.40 | 6,000.00 | 2,806.25 | - | - | - | - | - | 31.70% |
| 5.a | General Mobilization | 4,318.10 | 27,950.00 | - | 1,672.72 | 1,672.72 | 2,117,367 | 6.0% | 38.7% | 38.74% |
| 5.b | Construction/Re-sectioning of Embankments | 53,482.10 | - | - | - | - | - | - | - | - |
| 5.n | Miscellaneous | 2,312.29 | - | 6,662.09 | - | - | - | - | - | 288.12% |
| Other Activities not yet undertaken | | 163,957.72 | - | - | - | - | - | - | - | - |
| Sub-total Capital Component | | 234,467.91 | 34,400.00 | 10,171.17 | 1,672.72 | 1,672.72 | 2,117,367 | 4.86% | 0.71% | 5.05% |
| Source: IMED-05 report (August 2016) of CEIP-1 for 1st Quarter of FY(2016-2017) [Jul to Sep 2016] | | | | | | | | | 1 USD=79 BDT | |

Table 3 presents the input and output ratio (expressed as a percentage) of expenditures which shows a favorable 0.5% actual input/output ratio compared to a planned 30.8% during FY 2015-16 and an overall life-of-Project target of 29.5%⁵. This quarter is skewed due to the delays in revenue expenditure in the quarter and the fact that data was only available from PMU for the first two months of the quarter as of this writing. Inputs are generally the services, while outputs are the works.

Table 3: Revenue-to-Capital Expenditure Disbursement Rate

| | Planned for FY 2016-17 | Actual for FY 2016-17 | Overall Project |
|---------------------|------------------------|-----------------------|-----------------|
| | US\$ | US\$ | US\$ |
| Revenue Expenditure | 13,417,722 | 9,722 | 87,640,253 |
| Capital Expenditure | 43,544,304 | 2,117,367 | 296,794,823 |
| Revenue : Capital | 30.8% | 0.5% | 29.5% |

As of September 2016 the Loan had become effective for 37 months. According to the IMED reports prepared by PMU, total disbursement to date is US\$24.09 million, up from US\$ 21.97 million at the end of Q4 (June 2016).

As for disbursements from the World Bank to the BWDB, they stand at 6.55% of the total amount, unchanged in four quarters. The disbursement target for the year was not met and the implementation performance has been downgraded from *Satisfactory* to *Moderately Satisfactory*. According to the World Bank's Aide Memoire of June 2016:

"The disbursement target for FY16 was US\$55.48 million (IDA Credit US\$45.48 million + TF PPCR US\$

⁵ Due to data availability constraints a Contract and Disbursement S Curve is not yet presented at this time, but will be included in future reports. Other key rating parameters will be included in the future such as physical progress of works contracts and their detailed assessments, manpower input ratings (% manpower input per consultant contract / % elapsed time etc.). The web-based MIS being developed by the M&E consultant will include a monitoring /reporting system of the works contracts.

10 million). No disbursement has been made since the last mission in December 2015. For IDA Credit 5280, the current disbursement is at US\$17.485 million in line with the projected US\$20 million for FY16. For PPCR Grant (TF-14713), the current disbursement is at \$8.712 million. The current total disbursement is at \$26.197 million.”

Given the \$24.09 million level of cumulative disbursements by the project and the fact that despite a slow current 1st quarter, \$12 million was disbursed during the prior 4th quarter alone, the disbursement level is expected to improve substantially in FY 2016/2017. Even though disbursement was very low in the July to September quarter of FY 2016-2017, this was due to procedural delays in the fiscal year budget approval by GOB which have now been resolved. There is a backlog of disbursements to be made for both works and services. Therefore, in the next quarter, an estimated \$15 million equivalent BDT is projected to be disbursed and in the final two quarters of this FY, with the mobilization of the contractor for Package W-02 another \$34 million may be disbursed. Thus, CEIP-1 is expected to come close to meeting the target of \$56.96 in disbursement requests from the World Bank.

A replenishment was requested of the World Bank in the amount of \$6.96 million during the quarter.

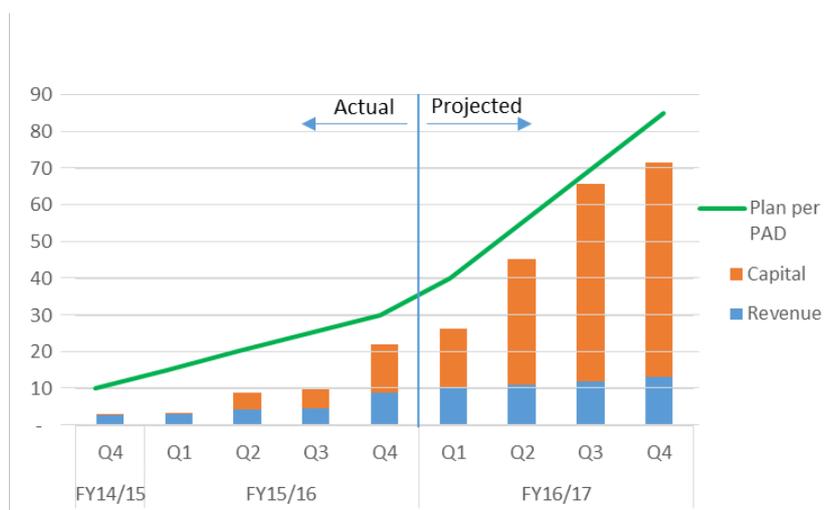


Figure 1: Actual and Projected Disbursements by Project Compared to Plan (USD million)

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

2.2 Project Inputs – Personnel and Equipment

2.2.1 Project Organization Chart

The Project Organization chart is depicted in Figure 2 below.

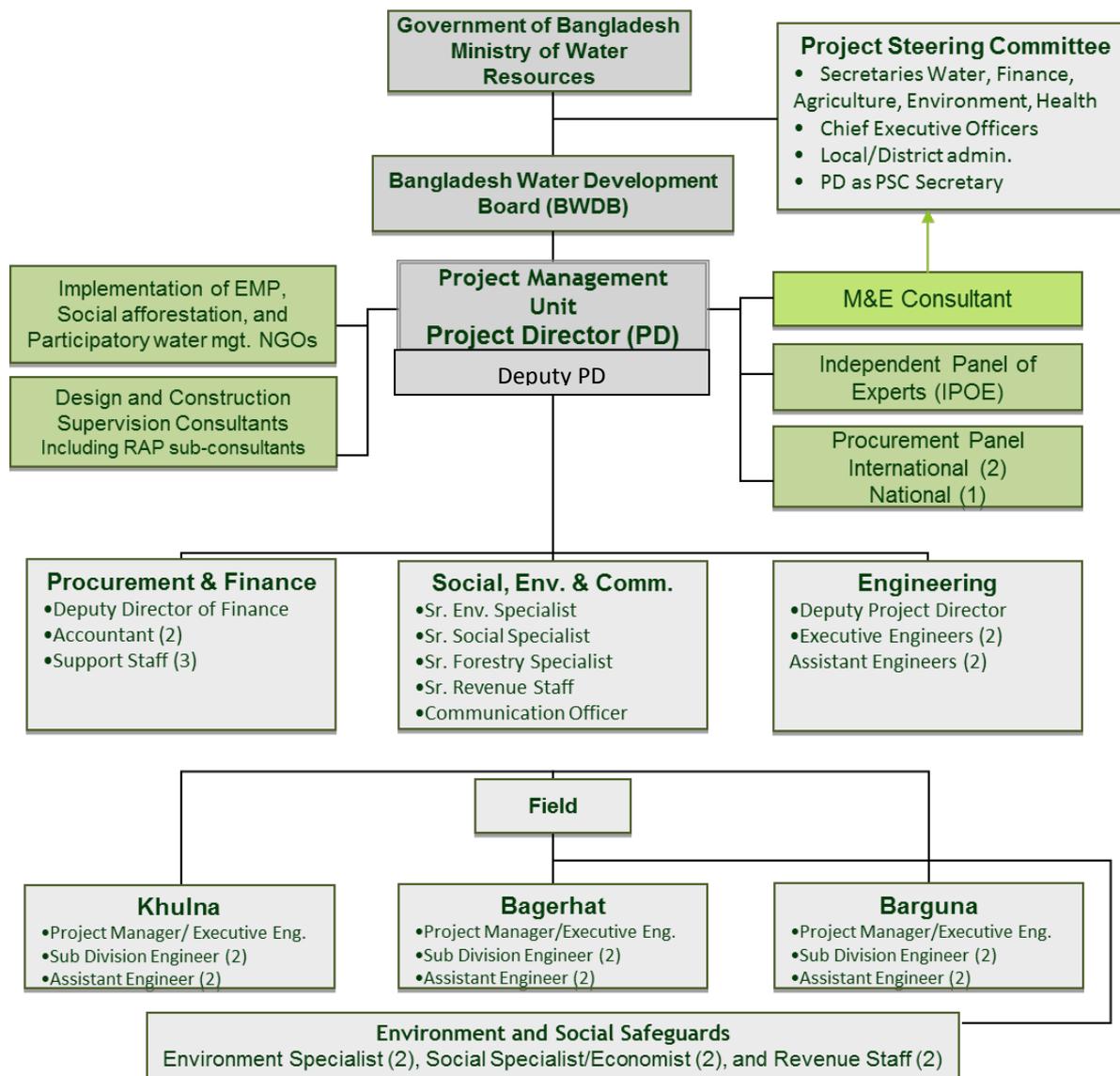


Figure 2: CEIP-1 Project Organization Chart

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 3. The PMU office and staff in Dhaka oversee all consultants working on the project. The PMU maintains two district-based offices in Khulna and Bagerhat, with a third office likely to be opened in Barguna once works begin in that area. For the time being, only the Khulna office has a CEIP-1 dedicated XEN 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.

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 will also supervise construction as the Engineer under FIDIC conditions of contract. The DDCS&PMSC is comprised of Royal HaskoningDHV in association with DevCon/KMC/CEGIS, DPM, IWM and DHI.

The Consultant was mobilized in January 2015. The DDCS&PMSC maintains two field offices. The DDCS&PMSC has contracted several subconsultants including: KMC for the RAP services and CEGIS for the EIA services. The DDCS&PMS Consultant retains contractual responsibility for these services.

The DDCS&PMSC's RAP Team was mobilized in late February 2015 and commenced their field work on 01 March 2015. The professional and support staff deployed include Team Leader (RAP/LAP), Deputy Team Leader (RAP/LAP), Coordinator, Supervisor and Resettlement Workers. Required numbers of staff have been deployed in each polder. A coordinating office has been opened in Khulna city where Team Leader (LAP/ RAP), Deputy Team Leader (LAP/RAP), Coordinator and three support staff are working.

On 01 March 2016, another field team was established for the package 2 polders. The staffing pattern is shown in the table below.

Table 4: Deployment of RAP Consultant's Field Staff

| S.N | Polder number | Staff |
|------------------|-----------------------------------|--|
| Package-1 | | |
| 1 | Coordinating Office (Khulna city) | TL and DTL (RAP/LAP), Coordinator (1), Support staff (3) |
| 2 | 32 and 33 | Supervisor (2), Resettlement Workers (6) |
| 3 | 35/1 | Coordinator (1), Supervisor (1), Resettlement Workers (5) |
| 4 | 35/3 | Supervisor (1), Resettlement Workers (2) |
| Package-2 | | |
| 1 | 39/2C | Supervisor (1), Resettlement Workers (4) |
| 2 | 40/2 | Supervisor (1), Resettlement Workers (3) |
| 3 | 40/1 | Supervisor (1), Resettlement Workers (3) |
| 4 | 43/2C | Supervisor (1), Resettlement Workers (2) |
| 5 | 47/2 & 48 | Coordinator (1), Supervisor (1), Resettlement Workers (35) |

Source: RAP Team

2.2.4 Consultancy Service to Implement: (a) Social Afforestation and (b) Social Action Plan including setting up WMOs

Evaluation of EOIs for the consultancy services for social afforestation and social action plans for establishing WMOs continues. Original EOIs were submitted November 2014, and PMU contacted all 70 organizations who reconfirmed their interest in early June 2016. These 70 organizations first submitted their Expressions of Interest (Eoi) by 13 November 2014 and the evaluation was essentially completed in 2015, but not finalized given the position of PMU that it was premature to engage these consultants. Pursuant to the discussion with the World Bank on 10 May 2016, PMU sought reconfirmation from those who have submitted EOIs as to their continued interest and all responded in the affirmative. The target date agreed with the WB during the June 2016 Implementation Support Mission (ISM) for signing a contract is end of February 2017.

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.

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

The Consultancy has not yet been awarded. RFP was issued among shortlisted firms on 19 November 2015. Proposals were due on 31 December 2015 (Ref: Contract Package No. CEIP-C3/S4) and evaluation was completed during the 3rd Quarter and submitted to the World Bank who gave NOL on 03 March 2016. Financial Negotiation meetings were carried out from 17-21 April 2016. It was not possible to conclude the negotiations, due to incomplete /unclear documentation and also the cost of the consultancy was more than twice the budget. As agreed, the Consultant submitted revised Financial Proposal on 25 May 2016. The revised cost (USD 11.712 million) is still far above the budget⁶ (USD 8.50 million). The Procurement Panel reviewed the revised proposal, but asked for further clarifications. The firm responded to the request for further clarifications of PP and submitted the 2nd revision on 16 June 2016, making a slight reduction in its total cost to US\$ 11.68 million. The Procurement Panel is reviewing the 2nd revision. PD has written to the Procurement Panel in late September asking them to expedite the decision. The PP has exchanged new correspondence with the consultant and is reviewing the latest information.

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. The contractor established a project office at Dhaka and Khulna in January 2016 and also mobilized the Project Manager as per the contract. However, on 26 January 2016, the Engineer requested the replacement of the Project Manager under General Contract Clause 6.9 Contractor's Personnel due to poor performance. Until the permanent replacement was proposed and mobilized in September 2016, the Contractor had dispatched their Vice President Mr. Yang Dong to serve as Acting Project Manager from February 2016. The efficiency of mobilization and works implementation has improved considerably since his arrival. Now, with the mobilization of the permanent replacement, Mr. Yang Dong has departed. Unfortunately, there are some recent signs of lagging performance, but the DCS&PMSC have actively prodded the Contractor.

Table 5: Manpower Mobilized by the Contractor as of 30 September 2016

| SN | Staff Category | No. of Staff |
|-------|-------------------|--------------|
| 1 | Management | 16 |
| 2 | Technical Staff | 54 |
| 3 | Operators/Drivers | 40 |
| 4 | Skilled Workers | 52 |
| 5 | Laborers | 189 |
| TOTAL | | 351 |

Source: Contractor CHWE Monthly Progress Report, September 2016.

Tables 5, 6 and 7 provide an overview of the contractor's mobilization status on 30 September 2016. The key personnel of the contractor have increased in number from 17 at the end of December to 60 at the end of March and 71 as of 30 September 2016. A list of the contractor's key staff with contact details is provided in Annex 3.

The DDCS&PMSC calculated the equipment needs for Works Contract W-01 based on standard capacities and utilization. This is shown in Table 6 while Table 7 shows the actual equipment in place as of 30 September 2016. There is some notable change in the numbers of equipment mobilized

⁶ It may be noted that the budget in the original appraisal was \$12 million, but this was reduced in the DPP.

compared with the previous quarterly report. The Contractor is now at 46% of the required equipment strength as per the Engineer's estimate compared to 32% on 30 June.

Table 6: Required Equipment – Preliminary Estimate of DDCS&PMSC

| Name of Polder | Equipment Estimated by DDCS&PMSC to be Required (number) | | | | | | | | | | | | |
|----------------|--|----------------------------|-------------|-------------------------|-------------------------------|--------------------------------|----------------------------------|----------------|-------------------|---------------|-----------|--------------|-----------------|
| | Bulldozer S.F roller, Compact | Dump Truck + carry Scraper | Exca- vator | Concrete Mixing Machine | Sand pile driving equip- ment | Sheet pile driving equip- ment | CC block manu- facturing machine | Batching plant | Positio ning ship | Survey Vessel | Barge | Wheel Loader | Forklift Trucks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 32 | 3 | 13* | 9 | 3 | 7 | 1 | 1 | 1 | 1 | 1 | 6 | nr | nr |
| 33 | 3 | 11* | 8 | 6 | 12 | 2 | 1 | 1 | 1 | 1 | 2 | nr | nr |
| 35/3 | 3 | 13* | 12 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | nr | nr |
| 35/1 | 7 | 26* | 20 | 12 | 6 | 3 | 1 | 2 | 1 | 1 | 4 | nr | nr |
| Total | 16 | 45+76+18 | 49 | 26 | 28 | 7 | 4 | 5 | 4 | 4 | 14 | nr | nr |

Source: Report Received from DDCS&PMSC, May 2016

"nr" denotes "not reported"

*The polder-wise figures were not provided when the total requirement was updated.

Table 7: Equipment Mobilized by the Contractor as of 30 June 2016

| Name of Polder | Equipment Mobilized by the Contractor (number) | | | | | | | | | | | | |
|-----------------------|--|--------------------------------------|-------------|-------------------------|-------------------------------|--------------------------------|----------------------------------|----------------|-------------------|---------------|----------|--------------|-----------------|
| | Bulldozer S.F roller, Compact | Dump Truck + Tractor + carry Scraper | Exca- vator | Concrete Mixing Machine | Sand pile driving equip- ment | Sheet pile driving equip- ment | CC block manu- facturing machine | Batching plant | Positio ning ship | Survey Vessel | Barge | Wheel Loader | Forklift Trucks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 32 | 5+0+0 | 8+0+5 | 4 | 1 | | | | | | | 1 | | |
| 33 | 5+0+0 | 2+0+5 | 4 | 2 | | | 2 | 2 | | | 1 | | |
| 35/3 | 8+0+0 | 0+12+0 | 3 | 3 | | | 1 | 1 | | | 0 | | |
| 35/1 | 2+0+1 | 6+0+8 | 3 | 1 | | | | | | | 0 | | |
| Total | 20+0+1 | 16+12+18 | 14 | 7 | | | 3 | 3 | | | 2 | 6 | 0 |
| Being procured | 13+0+0 | 57+0+0 | 27 | 0 | 5 | 4 | 2 | | 0 | 0 | 0 | 7 | 12 |

Source: September 2016 Monthly Progress Report, DDCS&PMSC

The Tables above clearly indicate that there are substantial additional equipment requirements. The Contractor has signed procurement agreements for additional equipment as shown in the last row of the table. With the arrival at Mongla Port of 27 excavators and 13 bulldozers on 25 September 2016, the numbers of these pieces of equipment have improved dramatically. However, concrete mixing machines (7 of 26) and vessels (2 of 22) and the overall level of equipment continue to be seriously inadequate.

2.2.6.2 Works Contractor Package 2

Not yet contracted.

2.2.6.3 Works Contractor Package 3

Not yet contracted.

2.2.7 Third Party M&E Consultants

The M&E Consultants assist the PMU in monitoring the RAP, SAP and EMP and in monitoring and evaluating the impacts of CEIP-1 overall. The M&E Consultants mobilized on 01 November 2015. All of the key staff have been mobilized. One national expert, the Environmental Specialist, became unavailable and a candidate has been proposed as his replacement.

The utilization rate of the key international staff stands at 27% (versus 22% at the end of the previous quarter) and key national staff at 25% (versus 20% in the previous quarter). This rate of utilization is not unexpected given the intensive nature of the start-up requirements for the consultancy, 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. The elapsed time of the M&E Consultant's contract as of this reporting period is 11 of 60 months, amounting to 18.3% of the contract's duration.

Table 8: M&E Consultants Staff Utilization as of 30 September 2016 (Month 11 of 60)

| | Key Experts - International | | Total PM | Utilized PM | Remaining PM | Percent Utilized |
|----|-------------------------------|---|------------|--------------|--------------|------------------|
| 1 | Jan T. Twarowski | Team Leader cum Economist | 25 | 8.41 | 16.59 | 34% |
| 2 | Michael Dembinski | M&E Specialist | 8 | 3.09 | 4.91 | 39% |
| 3 | Abu H. Murshid | Environmental Specialist | 9 | 1.18 | 7.82 | 13% |
| 4 | Mike Tyson-Taylor | Social Safeguards Specialist | 10 | 1.50 | 8.50 | 15% |
| | | Total | 52 | 14.18 | 37.82 | 27% |
| | Key Experts - National | | | | | |
| 1 | Md. Mahidur Rahman Khan | Deputy Team Leader / GIS Information Management Spec. | 30 | 6.27 | 23.73 | 21% |
| 2 | A.B.M Murshed Alam Siddiqui | Agric. Economist/ M&E Specialist | 18 | 5.18 | 12.82 | 29% |
| 3 | A.K.M. Mizanur Rahaman | Environmental Specialist | 18 | 1.59 | 16.41 | 9% |
| 4 | Md. Mizanur Rahman | Social Safeguards Specialist | 18 | 7.45 | 10.55 | 41% |
| 5 | Md. Badiuzzaman | Information Mgmt Specialist | 18 | 4.70 | 13.30 | 26% |
| 6 | H.S. Mozaddad Faruque | Water Resources Engineer | 10 | 2.86 | 7.14 | 29% |
| | | Total | 112 | 28.07 | 83.93 | 25% |
| | Non-Key Experts | | | | | |
| 7 | Azizul Haque Kabul | Data and Info Analyst 1 | 40 | 8.80 | 31.20 | 22% |
| 8 | Md. Soukat Osman | Data and Info Analyst 1 | 13 | 0.00 | 13.00 | 0% |
| 9 | Md. Surruzzaman | Field Data Collector 1 | 22 | 0.00 | 22.00 | 0% |
| 10 | Md. Babul Haider | Field Data Collector 2 | 22 | 0.00 | 22.00 | 0% |
| | | Total | 97 | 8.80 | 88.20 | 9% |

2.3 Procurement

There are 25 procurement packages under services – six packages for firms and 19 for individual consultants. For the six packages to be contracted out to firms, two have been contracted – namely, DCS&PMS Consultants and Third Party M&E Consultants; and another two have are in process – the Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone and Consultancy for Social Afforestation, SAP and WMOs. Of the 19 consultancy packages for individuals, nine have been contracted and three others are in process of procurement. A fourth recruitment in in process – the replacement of the PMU Financial Management Specialist who resigned on 29 February 2016.

The following two tables summarize the procurement activities for services during the quarter.

Table 9: Procurement Status – Consulting Firm Services

| S. No. | Package Name (abridged) | Method | Package No. | Status 30 June 2016 | Status 30 Sep 2016 |
|--------|--|--------|------------------------|---|--|
| 1 | Consultancy for Social Afforestation and SAP (including WMOs) | QBS | CEIP-1/A2 & B1/S01 | 70 EOIs received 13 Nov 2014. Evaluation paused since the PMU deemed it was too early to hire these services. PMU re-confirmed interest among those submitting EOI at end of May 2016 and has resumed evaluation of EOIs. | Proposed shortlist and RFP was to be sent to WB by 20 June, but it is not yet done. |
| 2 | Consultancy for Detailed Design, Construction Supervision & Project Management Support, EIA and RAP (DDCS&PMS) | QBS | CEIP-1/B2, B3 & C1/S02 | Consultants in place since January 2015. | Done. |
| 3 | Third Party M&E Consultants for Overall Project Implementation | QBS | CEIP-1/C2/S03 | Consultants in place since 01 November 2015. | Done |
| 4 | Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone | QBS | CEIP-1/C3/S04 | Technical Evaluation completed; NOL received 03 March 2016; Financial opening and negotiations commenced 17 April 2016. Due to the need for some clarifications and cost reduction, bidder submitted revised offers on 25 May and 16 June 2016 and in August. The Procurement Panel has again requested additional information in September and now reviewing the response. | Still with Procurement Panel. PD has sent a letter to PP at end of September requesting they expedite. |
| 5 | Consultancy for Institutional Capacity Building, TA and training to BWDB personnel | QBS | CEIP-1/D2/S22 | Not yet started | Not yet started |
| 6 | Consultancy for Feasibility Studies and preparation of design for following Phases of CEIP | QBS | CEIP-1/D3/S23 | Not yet started | Not yet started |

Table 10: Procurement Status – Individual Consultant Services

| S. No. | Package Name (abridged) | Package No. | Status 30 June 2016 | Status 30 Sep 2016 |
|--------|--|---------------|--|---|
| 1 | International Procurement Expert (Panel Chair) | CEIP-1/D1/S05 | Consultant in place since 25 Nov 2013 | No change, done. |
| 2 | International Technical Expert (Procurement Panel) | CEIP-1/D1/S06 | First consultant in place since 05 Mar 2014. Second consultant in place 13 Apr 2015. | No change, done. |
| 3 | Procurement Expert – national (Proc't Panel) | CEIP-1/D1/S07 | Consultant in place since 25 Nov 2013. New contract signed on 14 June 2016 for additional input. | No change, done. |
| 4 | PMU Procurement Specialist – national | CEIP-1/D1/S08 | Consultant in place since 21 Nov 2013 | No change, done, though contract expires 30 Oct 2016. |

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

| S. No. | Package Name (abridged) | Package No. | Status 30 June 2016 | Status 30 Sep 2016 |
|--------|--|---------------|--|--------------------------------------|
| 5 | PMU Financial Management Specialist – national | CEIP-1/D1/S09 | Position vacant. The FMS, who originally joined on 02 Mar 2015 has resigned effective 29 Feb 16. Notice was published and 35 individuals expressed interest. Their CVs are under evaluation. | CVs still under evaluation. |
| 6 | PMU Sr. Environmental Specialist – national | CEIP-1/D1/S10 | Consultant in place since 13 Apr 2015 | No change, done. |
| 7 | PMU Sr. Social Specialist – national | CEIP-1/D1/S11 | Consultant in place since 02 Oct 2014 | No change, done. |
| 8 | PMU Sr. Forestry Specialist - national | CEIP-1/D1/S12 | TOR in preliminary draft; will be floated closer to when the services are expected to be needed (in 2016). | No change, TOR in preliminary draft. |
| 9 | PMU Communications Officer - national | CEIP-1/D1/S13 | REOI issued in Jan 2016; EOIs received 24 Feb 2016; under evaluation. | CVs still under evaluation. |
| 10 | PMU Sr. Revenue Officer | CEIP-1/D1/S14 | Consultant in place since 12 Aug 2014 | No change, done. |
| 11 | PMU/Field - Sr. Social Specialist/ Economist | CEIP-1/D1/S15 | PMU has proposed eliminating this position. | No change. |
| 12 | PMU/Field – Environmental Specialist | CEIP-1/D1/S16 | PMU has proposed eliminating this position. | No change. |
| 13 | IPoE for Coastal, Estuarine and River Morphologist | CEIP-1/D1/S17 | Re-definition of types of experts needed on the panel is under consideration. | No change |
| 14 | IPoE for Sediment/Tidal River Management Specialist | CEIP-1/D1/S18 | Re-definition of types of experts needed on the panel is under consideration. | No change |
| 15 | IPoE for Design Expert in Embankment and Hydraulic Structures | CEIP-1/D1/S19 | Re-definition of types of experts needed on the panel is under consideration. | No change |
| 16 | IPoE for Social Expert | CEIP-1/D1/S20 | Re-definition of types of experts needed on the panel is under consideration. | No change |
| 17 | IPoE for Environment, Water Management and Polder Expert | CEIP-1/D1/S21 | Consultant in place since 23 March 2015. | No change, done. |
| 18 | Accounting and Financial Management System Specialist (AFMSS) – national | CEIP-1/D1/S24 | NEW – TOR prepared, submitted to WB and NOL received 14 Feb 2016. Three (3) CVs received 10 Mar 2016. Evaluation ongoing. | Evaluation ongoing. |
| 19 | Information Technology Specialist (ITS) - national | CEIP-1/D1/S25 | NEW – TOR prepared, submitted to WB and NOL received 14 Feb 2016. Three (3) CVs received 10 Mar 2016. Evaluation ongoing. | Evaluation ongoing. |

Source: PMU

Annex 5.1 provides the detailed status and plans on procurement of services contracts – both firms and individual consultants.

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 11: Procurement Status - Works

| S. No. | Package Name (abridged) | Method | Package No. | Status 30 Jun 2016 | Status 30 Sep 2016 |
|--------|---|--------|-------------|---|--|
| 1 | Rehabilitation/Reconstruction and Upgrading of Polder 32, 33, 35/1 and 35/3 | ICBPQ | CEIP-1/W-01 | Contract signed 01 Nov 2015 and contractor has mobilized. Official commencement date is 26 Jan 2016. | Contractor in place. |
| 2 | Rehabilitation/Reconstruction and Upgrading of Polder 39/2C, 40/1, 40/2, 43/2C, 47/2 and 48 | ICBPQ | 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 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. | NOL received from WB in August. File sent to CCGP. |
| 3 | Rehabilitation/Reconstruction and Upgrading of Polder 14/1, 15, 16, 17/1, 17/2, 23 and 34/3 | ICBPQ | CEIP-1/W-03 | Not yet started | Not yet started |

Source: PMU

Table 12 below summarizes the procurement status of goods. Annex 5.3 provides the details on goods (office equipment, vehicles, etc.) procured under the project.

Table 12: Procurement Status - Goods

| S. No. | Package Name (abridged) | Method | Package No. | Status 30 Jun 2016 | Status 30 Sep 2016 |
|--------|---|---------------|-------------|---|------------------------|
| 1 | Motor Vehicles a) 4-WD Jeep/Cross Country (Total 10 Nos.) b) Micro Bus-(Total 1 No.) | NCB (was ICB) | CEIP-1/G-1 | Procurement completed. Micro-Bus delivered November 2015. Ten 4-WD vehicles delivered on 04 Feb 2016. | Procurement completed. |
| 2 | Motor cycles | NCB | CEIP-1/G-2 | Procurement completed. Motor cycles delivered 22 Nov 2015. | Procurement completed. |
| 3 | Desktop Computer, Laptop, Printer, & UPS with Accessories | NCB | CEIP-1/G-4 | Procurement completed. Goods delivered 29 June 2014. | Procurement completed. |
| 4 | Engineering Equipment: a) Leveling Equipment (5 nos.); b) Total Station (3 nos.) | NCB | CEIP-1/G-5 | Procurement completed. Goods delivered 22 Nov 2015. | Procurement completed. |
| 5 | 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 | NCB | CEIP-1/G-6 | Procurement completed. Goods delivered 29 June 2014. | Procurement completed. |
| 6 | Office Furniture | NCB | CEIP-1/G-7 | Procurement completed | Procurement completed. |

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. A list of reports prepared and submitted by the DDCS&PMS Consultants is provided in Annex 10.

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

Works package W-01 comprises four polders - namely 32, 33, 35/1 and 35/3. Although the Contractor signed the 36-month contract on 01 November 2015, the official commencement date is 26 January 2016 as determined by the Engineer in consultation with the Contractor.

The Contractor has submitted a Quality Assurance Manual, which has been reviewed by the Engineer and returned to the Contractor for revision.

Mobilization of the Contractor was slow and accelerated only after the Contractor complied with the Engineer's request for the replacement of the Contractor's Project Manager in late February 2016. Subsequently, progress picked up. The Contractors' mobilization status in terms of manpower and equipment has improved since. Delay in works execution was caused as the Contractor awaited delivery of new equipment from China instead of renting equipment within country from the start in spite of reminders received from the Engineer. Eventually certain equipment was rented locally.

Works that were targeted for completion during the 2015/2016 construction season (before monsoons set in) included (i) embankment model sections (which would become permanent works), (ii) re-sectioning works, and (iii) Embankment Slope Protection Works to be billed under the provisional sum of Environmental Mitigation Works for serious erosion of embankments and damaged structures.

Workforce

The Contractor's workforce mobilization started in November 2015. By end of March there were 60 management and technical staff on site and as of the end of the current quarter (September 2016), there were 70⁷. In addition, there were 40 operator/drivers, 79 skilled workers and 189 common laborers in place.

Equipment

The Contractor has mobilized 46% of the equipment estimated to be required (counting the items that arrived at port on 25 September 2016). Additional equipment is in the process of being procured, but still it does not fully meet the requirements. Please see Tables 6 and 7 in the previous chapter.

Engineer's Site Offices, Laboratory and Inspection Sheds

Minimal building construction work took place during the monsoon season quarter with 10% additional accomplishment on the laboratory building and 30% on the Engineer's Rayenda office.

⁷ Per Contractor's Monthly Progress Report, September 2016.

The cumulative progress is as follows:

- Regional office (vertical extension of existing building) – 30% completed
- Laboratory Building at BWDB’s premises in Numagar, Khulna – 70% completed
- Engineer’s Site Office at Dacope – 60% completed
- Engineer’s Site Office at Rayenda – 35% completed

Contractor Main Offices and Site Offices/Camp Sites

The Contractor established their main office in Dhaka and Khulna shortly at the time of commencement. At each of the four polders the Contractor established a functioning temporary camp/site office, with living quarters for his site personnel. Further, in the Polders-32 and 33 the Contractor is building more permanent site offices, and living quarters, which were 100% completed and fully functioning in the April-June 2016 quarter.

Status of the construction of the pre-casting yard is summarized in the table below.

Table 13: Status of CC Block Pre-Casting Yards

| SN | Item | Status Prior Quarter as of 30 June 2016 | Current Status as of 30 Sep 2016 |
|----------|-------------------------------|---|----------------------------------|
| 1 | Manual Process Yards | | |
| 1.1 | Polder 32 at km 36+000 | 100% complete | 100% complete |
| 1.2 | Polder 33 at km 37+450 | 100% complete | 100% complete |
| 1.3 | Polder 35/1 at km 15+000 | Site selected | 100% complete |
| 1.4 | Polder 35/3 at km 29+000 | 100% complete | 100% complete |
| 2 | CC Block Machine Yards | | |
| 2.1 | Polder 32 | 60% complete | 100% complete |
| 2.2 | Polder 33 | 60% complete | 100% complete |
| 2.3 | Polder 35/1 at km 18+600 | Site selected | 90% complete |
| 2.4 | Polder 35/3 at km 14+000 | 60% complete | 100% complete |

Source: Contractor (CHWE) monthly progress reports

The Contractor is erecting the automated CC block machinery as follows:

1. Near Mongla Port location – equipment delivered 22 June 2016 and still being assembled
2. Near Polder 35/3, Bagerhat at Doratana Bridge – equipment delivered on 25 June 2016 and still being assembled
3. Near Rupsa Bridge at Jabusha, Khulna – equipment delivered on 02 July 2016, assembled and commissioned, with trial block production recently commenced.

In Polder 35/1, the Contractor is establishing a large casting yard that will accommodate the production of two automated CC block manufacturing machines. Thus, there will be five (5) automated machines in all.

These locations were selected to take advantage of the reliable power supply and proximity to the package 01 polders.

Earlier, the Contractor has set up a functioning laboratory at BWDB’s Numagar premises in Khulna. Warehouse facilities for storage of cement and other perishable material has been put in place in each polder.

Pre-Construction Survey Works

The survey of the centerline was completed in the Polders 32, 33, and 35/3 by the end of March 2016 (Q3). Polder 35/1 was started in Q3 and completed in Q4. Cross-section surveys were commenced in Q3 in several areas of Polders 32, 33 and 35/3 concentrating initially on the limited number of sites where the permanent embankment works were underway. As of the end of Q1 of

2016/17, cross-section surveys of 83.0% of embankments, 59.0% of hydraulic structures, 3.4% of slope and bank protection areas and 5.3% of drainage channels have been surveyed. This represents some advance in the survey of embankments and hydraulic structures in particular compared to the prior quarter (Table 14).

Table 14: Pre-Construction Survey Works Summary

| SN | Polder | Embankment (km) | | | Hydraulic Structures (no.) | | | Slope/Bank Protection (km) | | | Drainage Channels (km) | | |
|-------------------|--------|-----------------|---------------|-------------|----------------------------|---------------|-------------|----------------------------|---------------|-------------|------------------------|---------------|-------------|
| | | Contract Qty. | Completed Qty | % Completed | Contract Qty. | Completed Qty | % Completed | Contract Qty. | Completed Qty | % Completed | Contract Qty. | Completed Qty | % Completed |
| 1 | 32 | 49.5 | 42.2 | 85.3% | 10.0 | 5.0 | 50.0% | 5.3 | 0.0 | 0.0% | 14.5 | 1.6 | 11.0% |
| 2 | 33 | 52.5 | 33.7 | 64.2% | 26.0 | 11.0 | 42.3% | 7.7 | 1.0 | 12.9% | 54.8 | 0.0 | 0.0% |
| 3 | 35/1 | 62.0 | 56.7 | 91.5% | 32.0 | 20.0 | 62.5% | 13.3 | 0.0 | 0.0% | 70.0 | 7.0 | 10.0% |
| 4 | 35/3 | 40.0 | 36.8 | 92.0% | 15.0 | 13.0 | 86.7% | 3.4 | 0.0 | 0.0% | 24.0 | 0.0 | 0.0% |
| Current Qtr Total | | 204.0 | 169.4 | 83.0% | 83.0 | 49.0 | 59.0% | 29.7 | 1.0 | 3.4% | 163.3 | 8.6 | 5.3% |
| Prior Qtr Total | | 204.0 | 75.7 | 37.1% | 83.0 | 29.0 | 34.9% | 29.7 | 1.0 | 3.4% | 163.3 | 1.6 | 1.0% |

Source: Contractor (CHWE) Monthly Progress Reports of June and September 2016.

3.1.1.2 GC Sub-Clause 8.3 Work Program

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.

3.1.1.3 Construction Works

Overview

There have been no earthworks (other than the emergency works) during the quarter due to the monsoon season. Thus, we remain at 5.247 kms of embankment in process as part of the permanent works and 0.810 kms fully completed (Tables 15 and 16). Another 2.079 kms of emergency works were underway as of 30 September 2016 on embankments that are part of the permanent works (Table 17).

Table 15: Status of Progress of Permanent Works – Embankment Re-sectioning

| SN | Polder | Target (kms) | From | To | Emgcy. Work | Length (kms) | Prior Quarter 30 June 2016 | | | Current Quarter 30 Sep 2016 | | |
|----|-------------|--------------|--------|--------|-------------|--------------|----------------------------|-----------------|--------------|-----------------------------|-----------------|-------------|
| | | | | | | | Kms Fully Done | Kms in Progress | % Completed* | Kms Fully Done | Kms in Progress | % Completed |
| 1 | 32 | | 14.720 | 15.450 | | 0.730 | 0.290 | 0.440 | 0.88 | 0.290 | 0.440 | 0.88 |
| 2 | 32 | | 43.391 | 44.354 | Yes | 0.963 | 0 | 0.963 | 0.00 | 0 | 0.963 | 0.00 |
| | Total | 49.666 | | | | 1.693 | 0.290 | 1.403 | 0.88 | 0.290 | 1.403 | 0.88 |
| 1 | 33 | | 0.000 | 0.130 | Yes | 0.130 | 0 | 0.130 | 0.01 | 0 | 0.130 | 0.01 |
| 2 | 33 | | 0.959 | 1.190 | Yes | 0.231 | 0 | 0.231 | 0.01 | 0 | 0.231 | 0.01 |
| 3 | 33 | | 22.400 | 22.900 | | 0.500 | 0.200 | 0.300 | 0.90 | 0.200 | 0.300 | 0.90 |
| 4 | 33 | | 32.080 | 32.510 | | 0.430 | 0.040 | 0.390 | 0.51 | 0.040 | 0.390 | 0.51 |
| 5 | 33 | | 32.544 | 32.845 | | 0.301 | 0.060 | 0.241 | 0.39 | 0.060 | 0.241 | 0.39 |
| | Total | 49.352 | | | | 1.592 | 0.300 | 1.292 | 1.90 | 0.300 | 1.292 | 1.90 |
| | 35/1 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 63.199 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 35/3 | | 33.500 | 31.500 | | 1.150 | 0.150 | 1.000 | 1.26 | 0.150 | 1.000 | 1.26 |
| | Total | 39.825 | | | | 1.150 | 0.150 | 1.000 | 1.26 | 0.150 | 1.000 | 1.26 |
| | Grand Total | 202.042 | | | | 4.435 | 0.740 | 3.995 | 0.76 | 0.740 | 3.995 | 0.76 |

*Percent completed is calculated based on cubic meters of earthwork (not shown here).

Table 16: Status of Progress of Permanent Works – Retired Embankment

| SN | Polder | Target (kms) | From | To | Emgcy. Work | Length (kms) | Prior Quarter 30 June 2016 | | | Current Quarter 30 Sep 2016 | | |
|----|-------------|--------------|--------|--------|-------------|--------------|----------------------------|-----------------|--------------|-----------------------------|-----------------|-------------|
| | | | | | | | Kms Fully Done | Kms in Progress | % Completed* | Kms Fully Done | Kms in Progress | % Completed |
| 1 | 32 | | 18.358 | 18.772 | | 0.414 | 0.070 | 0.344 | 0.29 | 0.070 | 0.344 | 0.29 |
| | Total | 49.666 | | | | 0.414 | 0.070 | 0.344 | 0.29 | 0.070 | 0.344 | 0.29 |
| | 33 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 49.352 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 35/1 | | 2.957 | 3.957 | | 1.000 | 0 | 1.000 | 0.61 | 0 | 1.000 | 0.61 |
| | Total | 63.199 | | | | 1.000 | 0 | 1.000 | 0.61 | 0 | 1.000 | 0.61 |
| 1 | 35/3 | | 36.835 | 37.200 | | 0.365 | 0 | 0.365 | 0.46 | 0 | 0.365 | 0.46 |
| 2 | 35/3 | | 37.430 | 37.730 | | 0.300 | 0 | 0.300 | 0.19 | 0 | 0.300 | 0.19 |
| | Total | 39.825 | | | | 0.665 | 0 | 0.665 | 0.65 | 0 | 0.665 | 0.65 |
| | Grand Total | 202.042 | | | | 2.079 | 0.070 | 2.009 | 0.45 | 0.070 | 2.009 | 0.45 |

*Percent completed is calculated based on cubic meters of earthwork (not shown here).

Source: DDCS&PMSC; verified by the M&E Consultants based on spot checks.

Legend: ER – embankment re-sectioning; RE – retired embankment

Table 17: Status of Progress of Emergency Works on Permanent Locations

| SI | Polder | Chainage | | Name of Location | | Type of Work | % Completion | |
|------------------|-------------|-----------|---------|------------------|-----------|--------------|---------------------------|-----------------------------|
| | | From (Km) | To (Km) | Location | Upazila | | Prior Quarter 30 Jun 2016 | Current Quarter 30 Sep 2016 |
| 1. | Polder 32 | 43.391 | 44.345 | Kalabagi | Dacope | E | 0% | No change |
| | | Total | 0.954 | | | | | |
| 2. | Polder 33 | 0.000 | 0.130 | Banisanta | Dacope | E | 15% | No change |
| | | 0.959 | 1.190 | Banisanta | Dacope | E | 15% | No change |
| | | Total | 1.320 | | | | | |
| 3. | Polder 35/1 | 2.073 | 2.957 | East Amtali | Morelganj | E | 40% | No change |
| | | Total | 0.884 | | | | | |
| 4. | Polder 35/3 | 36.160 | 37.770 | Planet Bazar | Bagerhat | E | 25% | No change |
| | | Total | 1.151 | | | | | |
| Package 01 Total | | 4.309 kms | | | | | | |

Source: DDCS&PMSC; verified by the M&E Consultants based on spot checks.

Legend: E – earthwork; G – geobags; S – synthetic bags

3.1.1.4 Drainage Sluices and Flushing Inlets

No work on the Drainage Sluices and Flushing Inlets has yet been started in consideration that the rainy season was near at hand and the sub-structure of the sluices cannot be completed before the monsoon. The Contractor was instructed by the Engineer to use the off-season productively to get all sorts of preparation accomplished and be ready to start the works right from October 2016. The work program approved on 24 August, identified 7 sluice gates that were to be started on 15 September, but as of 23 September there was no equipment mobilized to the specific work sites or any other evidence of work.

3.1.1.5 Drainage Channel Excavation/Re-excavation

No work for excavation of drainage channels has yet started. These works will be done in parallel with the construction of the drainage and flushing sluices.

3.1.1.6 Emergency Works (under BOQ item Environmental Mitigation Works)

The existing embankments at all four polders include locations where rapid deterioration occurred recently, or where damages increased over time so that these sections are in danger of being breached which would have threatened wholesale flooding of the polders during the 2016 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 works costing BDT 20.423 million for the first batch of emergency works on 25 non-permanent locations with a total length of 4.398 kms (see Table 18 for description)

A second batch of 18 emergency sites comprising 2.851 kms have been identified and work undertaken on 15 sites. Some of these sites became vulnerable due to damage caused by Cyclone Roanu of May 2016. The estimated cost for the emergency work on these sites is 16.208 million BDT. See Table 19 for details.

The total estimated amount for emergency works currently underway amounts to about 92% of the total allocation of BDT 40 million under the lump sum BoQ item. This budget is meant to cover the three year construction period and while the need for emergency works will decline as the permanent works advance, it is clear that additional funds will be required.

Works consist of minor earthworks, compaction and positioning of Geo-bags (175 kg). Average cost of emergency protection works calculates to about BDT 5,800 or \$73 per linear meter after eliminating double counting of any chainages since batch 1 and 2 do have some of the same sections that are undergoing different types of work. It should be noted also that maintenance will not be carried out by BWDB as these polders are now under the Project.

Table 18: Status of Progress of First Batch of Emergency Works on Non-Permanent Locations

| SI no | Polder | Chainage | | Name of Location | | Type of Work | % Completion | |
|-------|-----------|-----------|---------|------------------|---------|--------------|---------------------------|-------------------------|
| | | From (Km) | To (Km) | Location | Upazila | | Prior Quarter 30 Jun 2016 | Current Qtr 30 Sep 2016 |
| 1. | Polder 32 | 2.833 | 3.144 | Nalian | Dacope | E | 100% | 100% |
| | | 7.561 | 7.991 | Kalibari | Dacope | E | 100% | 100% |
| | | 8.161 | 8.350 | Kalibari | Dacope | E | 100% | 100% |
| | | 8.491 | 8.629 | Kalibari | Dacope | E | 100% | 100% |
| | | 12.393 | 12.693 | Jaynagar | Dacope | E | 100% | 100% |
| | | 16.298 | 16.525 | Jaliakhali | Dacope | E | 99% | 100% |
| | | 16.680 | 16.900 | Jaliakhali | Dacope | E | 100% | 100% |
| | | 18.575 | 18.690 | Jaliakhali | Dacope | E | 100% | 100% |
| | | 18.840 | 18.960 | Hatkhola (DS-1) | Dacope | E | 100% | 100% |
| | | 44.561 | 44.931 | Kalabagi | Dacope | E | 100% | 100% |
| | | 44.957 | 45.083 | Kalabagi | Dacope | G | 100% | 100% |
| | | Total | 2.546 | | | | | |
| 2. | Polder 33 | 0.060 | 0.130 | Banisanta | Dacope | G | 0% | 100% |
| | | 0.130 | 0.280 | Banisanta | Dacope | E,G | 99%/a | 100%, 98% |
| | | 1.190 | 1.432 | Banisanta | Dacope | E | 100%/a | 100%/a |
| | | 17.447 | 17.547 | Ramnagar | Dacope | E,G,S | 100% | 100% |
| | | | | Total | 0.562 | | | |

| SI no | Polder | Chainage | | Name of Location | | Type of Work | % Completion | |
|-----------------------------|-------------|------------------|------------------|---------------------------|------------|--------------|----------------------------|-------------------------|
| | | From (Km) | To (Km) | Location | Upazila | | Prior Quarter 30 Jun 2016 | Current Qtr 30 Sep 2016 |
| 3. | Polder 35/1 | 20.082 | 20.162 | Tafalbari old Launch Ghat | Sorankhola | E | 100%/a | 100%, 96% |
| | | 63.050 63.112 | 63.106 63.128 | Shannashi | Morelganj | E,G | 96% (reduced x-section) | 100%, 96% |
| | | Total | 0.152 | | | | | |
| 4. | Polder 35/3 | 0.127 | 0.168 | Molliker ber | Bagerhat | G | 100% | 100% |
| | | 7.176 | 7.905 | Ponchomala | Bagerhat | E | 100% | 100% |
| | | 9.558 9.815 | 9.579 9.887 | Ponchomala | Bagerhat | E | 100% | 100% |
| | | 13.067 13.573 | 13.187 13.610 | Radhabollov | Bagerhat | E,G | 100% | 100% |
| | | 29.865 | 29.965 | Khegraghat | Bagerhat | G | 100% | 100% |
| | | Total | 1.138 | | | | | |
| Batch 1 of Package 01 Total | | 4.398 kms | | | | | | |

Source: DDCS&PMSC; verified by the M&E Consultants based on spot checks.

Note a: Earthwork completed without turfing.

Legend: E – earthwork; G – geobags; S – synthetic bags

Table 19: Status of Progress of Second Batch of Emergency Works on Non-Permanent Locations

| SI no | Polder | Chainage | | Name of Location | | Type of Work | % Completion | |
|--------------------------------------|-------------|-----------|---------|-----------------------|------------|--------------|---------------------------|-------------------------|
| | | From (Km) | To (Km) | Location | Upazila | | Prior Quarter 30 Jun 2016 | Current Qtr 30 Sep 2016 |
| 1 2 3 4 5 6 7 8 | Polder 32 | 2.830 | 3.100 | Gunari | Dacope | G | 0% | 100% |
| | | 3.093 | 3.633 | Gunari | Dacope | E | 0% | 80% |
| | | 7.560 | 7.990 | Kalibari | Dacope | G | 0% | Design data |
| | | 8.160 | 8.370 | Kalibari | Dacope | G | 0% | Design data |
| | | 8.490 | 8.630 | Kalibari | Dacope | G | 0% | Design data |
| | | 19.165 | 19.265 | Kamarkhola | Dacope | G | 0% | 100% |
| | | 36.225 | 36.341 | Sutarkhali | Dacope | E | 0% | 100% |
| | | 44.561 | 44.955 | Kalabagi | Dacope | G,P | 0% | 100% |
| | | Total | 2.200 | | | | | |
| 1 2 3 | Polder 33 | 17.465 | 17.595 | Ramnagar | Dacope | G | 0% | 100% |
| | | 48.575 | 48.658 | Banisanta | Dacope | G,S | 0% | 100% |
| | | 48.930 | 49.050 | Banisanta | Dacope | G,S,P | 0% | 72% |
| | | Total | 0.333 | | | | | |
| 1 2 | Polder 35/1 | 20.020 | 20.308 | Taphalbari Launchghat | Sorankhola | G,S,P | 0% | 95% |
| | | 24.400 | 24.460 | Bogi DS-1 | Sorankhola | G,S,P | 0% | 100% |
| | | Total | 0.348 | | | | | |
| 1 2 3 4 5 | Polder 35/3 | 9.867 | 9.917 | Ponchomala | Bagerhat | E,P | 0% | 100% |
| | | 13.209 | 13.242 | Radhaballab | Bagerhat | G,P | 0% | 100% |
| | | 13.343 | 13.366 | Radhaballab | Bagerhat | G,P | 0% | 100% |
| | | 13.483 | 13.510 | Radhaballab | Bagerhat | G,P | 0% | 100% |
| | | 36.625 | 36.665 | Planet Bazar | Bagerhat | G,S | 0% | 100% |
| | | Total | 0.173 | | | | | |
| Batch 2 of Package 01 Total | | 3.054 kms | | | | | | |

Source: DDCS&PMSC; verified by the M&E Consultants based on spot checks.

3.1.1.7 CC Block Production

Initially, the CC block casting was being carried out only by small size concrete mixers, in the Polder 33 pre-casting yard only, and therefore the casting progress was very low through 31 March 2016 with a total of about 1000 CC blocks produced. The total has now increased somewhat, reaching 33,507 blocks as of 30 June 2016 and 43,350 as of 30 September. This was a slow quarter due to rain. This level of production represents one-half percent of total CC block production required for the project (8,567,905 blocks), but with five machines being brought to the project, the production capacity will be 15,000 blocks⁸ per day. This rate of output can even be increased by extending the hours of utilization each day, as long the equipment is maintained in good running condition.

Production of the machine that has been commissioned will be watched carefully during the October-December quarter to assess whether the target can be met once all five machines are operating. Also, the progress in assembling the additional machines will be monitored closely.

Table 20: CC Block Production

| S.N. | Polder Number | 40x40x40 (cms) | 40x40x20 (cms) | 30x30x30 (cms) | Cumulative Total as of 30 Sep 2016 | Cumulative Total Prior Quarter |
|------|---------------|----------------|----------------|----------------|------------------------------------|--------------------------------|
| 1 | 32 | | 464 | | 464 | 464 |
| 2 | 33 | 3,502 | 19,221 | 130 | 22,853 | 22,853 |
| 2 | 35/1 | | | | 0 | 0 |
| 3 | 35/3 | 382 | 19,651 | | 20,033 | 12,258 |
| | Total | 3,884 | 39,336 | 130 | 43,350 | 35,575 |

Source: DDCS&PMSC Monthly Progress Report, June and September 2016

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

Works package W-02 comprises six polders - namely 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48. The tender package was floated 04 December 2015 with an original submission due date of 28 January 2016, extended to 24 March 2016. The evaluation of bids was completed, World Bank gave its no objection and the contract award recommendation has been sent to CCGP.

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

Works package W-03 will comprise the remaining seven polders - 14/1, 15, 16, 17/1, 17/2, 23, 34/3. The status of survey work for design as of 30 September 2016 of seven (7) Polders, viz. 14/1, 15, 16, 23, 17/1, 17/2 and 34/3 under Package-3 is the same as it was on 30 June 2016. The actual design work commenced in during the current quarter and is about 10% complete. The package is expected to be floated February 2017.

Table 21: Progress of Technical Survey Work for Design of Package 03

| | 100% Complete | Not Complete |
|---|---|------------------|
| Topographic Survey | Polders 14/1, 15, 16, 23, 17/1 and 17/2 | Polder 34/3 – 0% |
| Digital Elevation Model Data | Polders 14/1, 15, 16, 23, 17/1 and 17/2 | Polder 34/3 – 0% |
| Embankment survey data at 250 kms interval | All Polders complete | |
| Drainage channel section data at 250 kms interval | All Polders complete | |
| Water Level data | All Polders complete | |
| Peripheral river surveyed cross-section | All Polders complete | |
| Installation of permanent benchmarks | | All polders – 0% |

Source: DDCS&PMS Consultants, Monthly Progress Reports, June and September 2016

⁸ At the rate of 15,000 CC blocks per day, approximately 500 days of continuous operation would be required to meet the production requirements of Package W-01. Further, the maximum output rate may not be obtained during monsoon season.

3.1.4 Output of A2: Afforestation

No physical progress as procurement not yet completed for concerned NGO.

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 RAP and LAP for Package 01 polders was undertaken and substantially completed with formal submission in the January-March quarter 2016 as planned. The list of affected squatters and tenants have been updated, including their inventory of losses (IOL) updated and their ID numbers based on category of losses have been devised.

The number of Project-Affected Households and Entitled Persons is presented in the Tables 22 and 23 below.

Table 22: Number of Titled and Non-Titled Entities in Package 01 Polders

| Category | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total |
|-------------------|--------------|--------------|--------------|-------------|--------------|
| Titled | 259 | 149 | 304 | 108 | 820 |
| Non-titled | 1,309 | 1,484 | 1,586 | 254 | 4,633 |
| Total | 1,568 | 1,633 | 1,890 | 362 | 5,453 |

Source: RAP Team, DDCS&PMSC

Table 23: Breakdown of Non-Titled EPs by Polder and Category

| Category | Polder 32 | Polder 33 | Polder 35/1 | Polder 35/3 | Total |
|----------------------|--------------|--------------|--------------|-------------|--------------|
| Squatters | 1,309 | 1,484 | 1,586 | 254 | 4,633 |
| Tenants | 86 | 157 | 196 | 9 | 448 |
| Wage Laborers | 23 | 75 | 117 | 11 | 226 |
| Total | 1,418 | 1,716 | 1,899 | 274 | 5,307 |

Source: RAP Team, DDCS&PMSC

Implementation of the RAP for Package 01 has progressed as shown in the table below. KMC had prepared a Resettlement Action Plan in 2013 for works package 01 during project appraisal stage and now has updated it (excluding polder 39/2C, from package-1, which was shifted to works package 02). The updated RAP was submitted to PMU for review and approval, comments were received and the revised document submitted again in May 2016. RAP is being updated based on latest survey data.

Key accomplishments during the July-September 2016 quarter include:

- Further updating of the RAP based on latest survey data
- Completion of Entitled Persons File & Entitlement Card (EP&EC) for all 5307 non-titled EPs

- Indent and Debit Voucher preparation for making payment of compensation and benefits to about 1550 non-titled EPs
- Participation in the issuance of compensation payments to 1119 of 1157 non-titled EPs⁹. The remaining 38 EPs were absent during the check distribution events, but will be contacted and paid shortly.

Table 24: Summary Progress of LAP and RAP Implementation – Package 01

| Sl. No. | Milestone Actions | Target date of completion | Target to achieve in % | Progress as of 30 Jun 2016 | Progress as of 30 Sep 2016 | Remarks |
|---------|---|---------------------------|------------------------|----------------------------|----------------------------|---|
| 1 | Video recording of assets in the ROW | 30 May 2015 | 100% in 4 polders | 100% 5453 EPs | 100% 5453 EPs | Done since prior year. Dates of capturing video of assets as of cut-off date are visible in the DVD that will help the GRC to make decision if there is requirement of further investigation during GRC process. |
| 2 | Joint Verification Survey | Early January 2016 | 100% in 4 polders | 99% | 100% | P-32, P-33, P-35/3 are done. P-35/1 JVS finally completed in September 2016. |
| 3 | Photography of non-titled EPs | 15 October 2015 | 90% | 93.5% | No update | Prior Quarter: P-32- 99%, P-33- 97%, P-35/1-85%, P-35/3-93% |
| 4 | ID Card preparation for EPs | 15 November 2015 | 90% | 94% | 94.7% | Prior Quarter: P-32- 99%, P-33- 96%, P-35/1-86%, P-35/3-95% |
| 5 | ID Card Issuance by XEN | 30 April 2016 | 90% | 85% (4508 issued) | No update | Prior Quarter: Total 4,508 ID cards have been issued by XEN; P-32- 90%, P-33- 84%, P-35/1- 81%, P-35/3-79% |
| 6 | ID Cards distribution | 30 April 2016 | 90% | 73% | No update | Prior Quarter: Total 3,868 ID cards have been distributed by KMC; P-32- 85%, P-33- 77%, P-35/1- 69%, P-35/3-71% |
| 7 | Collection of NID | 31 October 2015 | 90% | 92% | No update | Prior Quarter: P-32- 98%, P-33- 94%, P-35/1- 84%, P-35/3-95% Some of the non-titled EPs were re-classified as titled holders after JVS, hence the decline in %age between 2 nd and 3 rd quarter. |
| 8 | Bank Account Opening for non-titled EPs | 31 January 2016 | 90% | 92% | 94.4% | Prior Quarter: P-32- 98%, P-33- 94%, P-35/1- 84%, P-35/3-85% |
| 9 | Collection of Certificates from LGI | 31 January 2016 | 90% | 92% | No update | Prior Quarter: P-32- 98%, P-33- 94%, P-35/1- 84%, P-35/3-95% |

⁹ It is noted that BWDB has paid the Income Tax (IT) of 1% of compensation due on the compensation amount.

| Sl. No. | Milestone Actions | Target date of completion | Target to achieve in % | Progress as of 30 Jun 2016 | Progress as of 30 Sep 2016 | Remarks |
|---------|---|---|------------------------------|---|----------------------------|--|
| 10 | Focused group meetings | 15 February 2016 for completion of first 4 rounds; ongoing thereafter | 100% | Additional meetings done with 175 groups (4 th round meetings done with some groups) | No update | Prior Quarter: Total meetings done is 949. Continuous process, until displacement takes place. The number of meetings has exceeded the total plan, though meetings are needed on roughly monthly basis with all resettled persons. |
| 11 | Land Acquisition Proposals sub'd to DC Khulna, Bagerhat | September 2015 for Package 01 | 100% | 100% draft 90% final | 100% final | All 4 LAPs submitted to DC Offices. LAPs for P-32, 33 & 35/3 approved by MOL and Prime Minister's Office during Q1. JVS for P-35/1 completed in Q1; will send to MOL for approval in Q2, FY2016/17 |
| 12 | Property Assessment Valuation Committee formed | 28 December 2015 for Package 01 | 100% | 100% | 100% | <u>Done.</u> Formed and approved by PD on 28 Dec 2015. |
| 13 | PAVC assesses replacement value of assets | December 2015 | All asset types; all polders | 100% | 100% | Replacement value of land completed by DCs during the quarter. <u>As background:</u> In meetings on 7 and 11 January 2016, all assets assessed for all 4 polders of package 01, except land. The PAVC rates along with methodology were revised as per desire of the PMU. PAVC has recommended revised rates and methods on 16 March 2016. WB has provided guidelines for assessment of replacement value of property including land. |
| 14 | Grievance Redress Committee formed and approved by PD | December 2015 for Package 01 | 15 GRCs | 100% | 100% | <u>Done.</u> Formed and approved by PD. |

Source: RAP Team, DDCS&PMSC

Actual information on the required land for three polders under package 1 as finalized after JVS is given below along with the estimated land acquisition for polder 35/1. There has been an adjustment in the estimate for polder 35/1 based on information that has come to light during the work of the JVS team. It was found that some of the land designated for acquisition had already been acquired for embankment right-of-way in the past.

Table 25: Land Requirement for Package-01

| Polder No | As per 31 Dec 2015 | | | Current (adjusted 30 Sep 2016) | | |
|------------------|--------------------|--|---------------|--------------------------------|--|---------------|
| | Total length (km) | Area to be Acquired acres hectares | | Total length (km) | Area to be Acquired acres hectares | |
| 32 (After JVS) | 49+068 | 125.1178 | 50.65 | 49+333 | 125.1178 | 50.65 |
| 33 (After JVS) | 49+500 | 31.7858 | 12.87 | 49+500 | 31.7858 | 12.87 |
| 35/3 (After JVS) | 40+000 | 61.7880 | 25.02 | 40+000 | 61.7880 | 25.01 |
| 35/1 | 63+000 | 143.4816 | 58.09 | 63+220 | 85.6451 | 35.00 |
| Total | | 362.1732 | 146.63 | | 304.3367 | 123.53 |

Source: RAP Team, DDCS&PMSC

The DDCS&PMS Consultants have developed software using Visual FoxPro for preparation of entitled persons' (EP) files and entitlement cards (EC) and these data are being used to prepare indents for payment.

The DDCS&PMS Consultants have undertaken a substantial consultative process as evidenced by the number of consultations they have reported. Most groups have received four or more rounds of consultation so far.

Table 26: Focus Group Formation and Number of Meetings

| Polder No. | Status on 30 June 2016 | | Status on 30 Sep 2016 | |
|--------------|------------------------|-------------------------|-----------------------|-------------------------|
| | Focus Groups Formed | Focus Group Discussions | Focus Groups Formed | Focus Group Discussions |
| 32 | 68 | 308 | 68 | na |
| 33 | 63 | 307 | 63 | na |
| 35/1 | 75 | 263 | 75 | na |
| 35/3 | 15 | 71 | 15 | na |
| Total | 221 | 949 | 221 | |

na: data not yet available

Source: RAP Team, DDCS&PMSC

There are rounds of consultations which follow a logical progression in their content as described below.

Agenda of 1st Round FGD Meeting

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

Agenda of 2nd 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 3rd 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 4th 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

Comparing prior quarter progress with the current quarter in the foregoing tables, it can be seen that many steps in Package 01 RAP implementation are progressing well, though the relocation planning and livelihood restoration program have not been given adequate or early enough attention. The 1119 EPs given compensation by September have begun to vacate the project area in October, but there has been very limited assistance or pre-screening of possible sites for relocation as the Physical Relocation Assistance Committees (PRAC) have not yet been formed.

RAP implementation continues to be on the critical path for handing over of sites for construction work. While 1119 squatters¹⁰ have been given their compensation and are prepared to begin vacating the right-of-way immediately after the monsoon season, these PAPs are not all together in one location or in solid stretches. Thus, contiguous areas of land will not be available for handing over to the Contractor where squatters are on the polder embankments.

The Resettlement Action Plan Milestones remaining for works package 1 are listed in Annex 6. The PAVC has been formed and has made a determination of compensation rates for all assets, now including for land. Based on initial estimates presented in the October-December quarter of 2015, the vacating of embankment and construction sites milestone would take about 7 months from 01 January 2016. In the January-March quarter, this estimate was revised to about 01 October 2016. Now, based on the progress made through 30 September 2016, an optimistic estimate for all resettled persons to vacate the construction sites is 01 April 2017. Of course, it is expected that non-titled EPs may begin to vacate the lands by around October since the first group of non-titled EPs have been compensated during the 2016 monsoon season. Payments to the balance of this group are expected to stretch through January 2017, according to the assessment of DDSC&PMSC's RAP Team.

Since works are expected to be underway at full swing now with the end of the monsoon season and before the full completion of the resettlement effort, careful prioritization and coordination with the Contractor's work program will be required.

Table 27: Status of Agreed Actions on LAP and RAP – Package 01

| S.N. | Activities to be carried out | Planned Completion date as of 30 June 2016 | Status as of 30 Sep 2016 | Remarks |
|------|--|--|---|--|
| 01 | Finalize Package 01 RAP | 30 September 2016 | Update in process | |
| 02 | Complete Bengali translation of Package 01 RAP | 30 September 2016 | To be done | Per WB Aide Memoire of June 2016, target date was 31 Aug 2016. |
| 03 | Program for development of strategy and action plan for settlement of pending land legacy issues with timetable. | 31 July 2016 | DDCS&PMSC team to assess the issue and present a note to PMU. | |

¹⁰ Checks were actually prepared for 1157 EPs, but 38 persons did not appear for payment during the announced September disbursement dates. Disbursements were made at the Union Parishad Chairman's offices – a locally accessible location. These will be tracked down and payment made as soon as possible.

| S.N. | Activities to be carried out | Planned Completion date as of 30 June 2016 | Status as of 30 Sep 2016 | Remarks |
|------|--|--|---|---|
| 04 | Program for development of database of land ownership and land taking under existing embankments with timetable. | 31 July 2016 | DDCS&PMSC team to assess the issue and present a note to PMU. | |
| 05 | Strategy and action plan for permanent relocation of displaced squatters | 31 August 2016 | DDCS&PMSC submitted to PMU and this was shared with WB (in October). It needs further work. | Per WB Aide Memoire of June 2016, target date was 31 July 2016. |

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 is yet to be finalized. 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 March 2016 and was completed in June 2016.

The RAP of Package-2 has now been submitted to the World Bank through the PMU office and it will start to be implemented immediately after obtaining clearance from the Regional Safeguard Advisor (RSA) of the World Bank. A total of 7103 entities were identified during census and IOL survey on private and public land in June-October 2016. 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.

LAPs for all six polders were submitted to PMU in the January-March 2016 quarter for review and field-truthing at XEN level. XENs of the concerned districts have visited the site and have finally concurred with the LAPs. Land Acquisition Proposals for polder 43/2C, 47 and 48 have been submitted to DC office Patuakhali. LA Proposals for polder 39/2C, 40/2 and 41/1 have been prepared as per requirement of the DC offices (one LAP for each Mouza). These are ready to submit to DC office Pirojpur, Jhalokathi and Barguna by first week of October 2016.

Focus Groups have been formed (208 of 235 planned) and discussion started. The Bengali language information brochure is being distributed. An Indigenous People's Development Plan (IPDP) for the Rakhain Community at polder 48 is being prepared.

Table 28: Summary Progress of LAP and RAP Implementation – Package 02

| Sl. No. | Milestone Actions | Target date of completion | Target to achieve in % | Progress as of 30 Jun 2016 | Progress as of 30 Sep 2016 | Remarks |
|---------|-------------------|---------------------------|------------------------|---|---|--|
| 1 | RAP overall | 31 Oct 2015, originally | 100% in 6 polders | RAP re-submitted to PMU on 16 May 2016 | Revised RAP submitted in October 2016. | Comments of the WB Regional Safeguard Advisor awaited. |
| 2 | LAP overall | 30 Nov 2015, originally | 100% in 6 polders | LAPs submitted March 2016; after review by XENs, final LAPs for 43/2C, 47/2 and 48 have been prepared on tracing papers | LAPs 43/2C, 47/2 & 48 submitted to DC on 28-30 Aug 2016. LAPs for 39/2C, 40/2 & 41/1 prepared as per DC requirement (1 LAP per mouza) | 3 remaining LAPs were actually submitted to DC office on the following dates: 40/2 and 41/1 on 6 Oct 16 39/2C on 10 Oct 16 |

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

| Sl. No. | Milestone Actions | Target date of completion | Target to achieve in % | Progress as of 30 Jun 2016 | Progress as of 30 Sep 2016 | Remarks |
|---------|------------------------------------|---------------------------|------------------------|----------------------------|----------------------------|---|
| 3 | Census | | 100% in 6 polders | 100% | 100% | Conducted 01 June – 31 Oct 2015 |
| 4 | IOL Survey | | 100% in 6 polders | Update 100% complete | 100% | |
| 5 | Video recording of assets in ROW | | 100% in 6 polders | 50% | 100% | After updating of IOL, video filming was done again. |
| 6 | Market survey | | 100% in 6 polders | Done | Done (100%) | Market survey is done again after updating of IOL |
| 7 | Mouza maps collected | | 100% in 6 polders | Done | Done (100%) | All Mouza maps have been collected and LAPs prepared |
| 8 | Land survey per designed alignment | | 100% in 6 polders | 80% | 100% | Due to changing of alignment at various location land survey had to be done repeatedly. |

Source: RAP Team, DDCS&PMSC

Table 29: Status of Agreed Actions on LAP and RAP – Package 02

| S.N. | Activities to be carried out | Planned Completion date as of 30 Jun 16 | Status as of 30 Sep 2016 | Remarks |
|------|--|---|--|--|
| 01 | Submission of 3 Remaining LAPs as per requirement of DC offices | September 10, 2016 | Final 3 LAPs submitted to DC early October 2016 | Per WB Aide Memoire, target date was 31 Jul 2016. |
| 02 | Checking and validation of updated IOL data with data sheet at the field level | September 30, 2016 | Not started | Started in October and expected to be completed in November 2016 |
| 03 | Devising ID number of EPs | October 15, 2016 | Completed 30 September 2016 | |
| 04 | Focused group formation | August 31, 2016 | 89% Expect 100% done by 30 November 2016. | 208 of planned 235 FGDs formed. |
| 05 | Focused Group discussion | ongoing | ongoing | FGDs are going on |
| 06 | Photography of EPs | November 2016 | Not yet started | Target 90% |
| 07 | Preparation of ID cards | December 15, 2016 | Started September 2016 | Target 90% |
| 08 | Collection of necessary papers (NID, Bank Account Slip, Trade License, etc.) | December 15, 2016 | Started September 2016 | Target 90% |
| 09 | Formation of PAVC | October 31, 2016 | Nominees are being selected by the DC offices, Local Government and BWDB. Nomination is not finalized. | Delayed. |
| 10 | Formation of GRC | December 31, 2016 | Nominees are being selected by the Local Government and BWDB. Nomination is not finalized. | Delayed. |

| S.N. | Activities to be carried out | Planned Completion date as of 30 Jun 16 | Status as of 30 Sep 2016 | Remarks |
|------|--|---|--|---|
| 11 | Determination of unit rate for structure and trees | November 30, 2016 | Awaiting appointment of PAVC committee members | Delayed. |
| 12 | Updating of Resettlement Action Plan | December 31, 2016 | IOL has been updated but RAP is not yet updated as because the original RAP is not yet cleared by the World Bank. Can only be done after getting concurrence from the World Bank and the PAVC recommended rates are available. | Likely completion not earlier than 31 January 2017. |
| 13 | Determination of individual entitlement | December 31, 2016 | Individual entitlement will be determined after PAVC rate is available. | Likely completion not earlier than 31 January 2017. |

Source: RAP Team, DDCS&PMSC

3.2.2.3 RAP for Package 03

The RAP/LAP team is intending to collect information on previously acquired land from the local BWDB offices for facilitating preparation of LAPs. Following the good practices of Package 2, PMU has written to concerned BWDB offices so they will assist in obtaining such information on previously acquired land.

3.2.2.4 Challenges Encountered During RAP Preparation and Implementation

The key challenge reported by the RAP Team of the DDCS&PMS Consultants is that the level of effort that will be required to implement the RAP fully, especially properly tracking and facilitating the relocation and livelihood restoration of displaced persons, exceeds their resources. It is not an immediate issue as the project is in its early stage, but it is of eventual concern.

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 and 2

The status of EIA preparation is presented in the table below by polder. EIAs have been prepared for all package 1 polders in May 2013. They have been approved by the World Bank and Environmental Clearance Certificates (ECC) have been issued by the Department of Environment of GoB on 08 October 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 issued as of this writing (10 November 2016).

Package 2 EIAs were first done in draft in 2015 and these have been further elaborated through iterative reviews as shown in the table below.

Table 30: Status of EIA Preparation

| S N | Polder | Pkg No | Field investigation status | Draft to PMU | Comment from PMU/M&E* | Revised Draft to PMU | 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 | 1 | Done: Dec 2012 | | | | | | May 2013 | | Yes | 08 Oct 2015 |
| 2 | 33 | 1 | Done: Dec 2012 | | | | | | June 2013 | | Yes | 08 Oct 2015 |
| 3 | 35/1 | 1 | Done: Dec 2012 | | | | | | May 2013 | | Yes | 08 Oct 2015 |
| 4 | 35/3 | 1 | Done: Dec 2012 | | | | | | May 2013 | | Yes | 08 Oct 2015 |
| 5 | 39/2C | 2 | Done | 13 Sep 15 03 Feb 16 | 02 Nov 15 | 18 Feb 16 30 Mar 16 23 Aug 16 | 03 Nov 15 18 Feb 16 30 Mar 16 24 Aug 16 | 17 Nov 15 12 Jun 16 Need IPOE | | Aug 2016 | | |
| 6 | 40/2 | 2 | Done | 05 Oct 15 24 Mar 16 20 Apr 16 | 02 Nov 15 31 Mar 16 09 May 16 | 10 May 16 29 Sep 16 | 03 Nov 15 10 May 16 29 Sep 16 | 17 Nov 15 18 Aug 16 Need IPOE | | Aug 2016 | | |
| 7 | 41/1 | 2 | Done | 05 Oct 15 30 Mar 16 | 02 Nov 15 09 May 16 | 03 Apr 16 10 May 16 22 Aug 16 | 03 Nov 15 03 Apr 16 10 May 16 24 Aug 16 | 17 Nov 15 12 Jun 16 Need IPOE | | Aug 2016 | | |
| 8 | 43/2C | 2 | Done | 05 Oct 15 19 May 16 | 02 Nov 15 22 May 16 | 16 Jun 16 02 Oct 16 | 03 Nov 15 19 Jun 16 On hold | 17 Nov 15 18 Aug 16 Need IPOE | | Aug 2016 | | |
| 9 | 47/2 | 2 | Done | 05 Oct 15 Apr 2016 | 02 Nov 15 21 Apr 16 | 28 Apr 16 21 Sep 16 | 03 Nov 15 29 Sep 16 | 17 Nov 15 28 Apr 16 18 Aug 16 Need IPOE | | Aug 2016 | | |
| 10 | 48 | 2 | Done | 05 Oct 15 04 Apr 16 | 02 Nov 15 11 Apr 16 10 Aug 16 | 13 Apr 16 08 Sep 16 | 03 Nov 15 18 Apr 16 29 Sep 16 | 17 Nov 15 08 Aug 16 Need IPOE | | Aug 2016 | | |
| 11 12 13 14 15 16 17 | 14/1 15 16 17/1 17/2 23 34/3 | 3 | Field investigation is still in progress** for 16, 17/1, 17/2 | Not yet | | | | | | September 2016 | | |

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

*The comments from PMU/M&E Consultants have been reviewed and finalized with PMU/M&E Consultants and these are being incorporated in the final EIA Reports.

** Field investigation is in progress based on Feasibility Level Design which will be finalized after obtaining the model study much of which was completed during the current quarter. After this, the design will be prepared and data will be collected for preparation of the EIA and EMP based on detailed design.

3.2.3.2 Status of Submission and Review of Draft EIA Reports for Package-3

Draft EIA Reports of seven polders of Package-3 have been submitted by CEGIS to the DDCS&PMS Consultants, based on the information available so far for primary review. Out of these, four are nearing completion by CEGIS and the three others have already been reviewed by the DDCS&PMSC and sent back to CEGIS to address the comments. The up to date status of the seven EIA and EMP reports for the seven polders of Package-3 are furnished in the table below.

Table 31: Status of Preparation of EIA for Package 3

| S. N. | Polder No. | Status |
|-------|-------------|--|
| 1. | Polder 14/1 | CEGIS is close to finalizing EIA Report |
| 2. | Polder 15 | CEGIS is close to finalizing EIA Report |
| 3. | Polder 16 | DSC Review has been completed and sent back to CEGIS for addressing the comments |
| 4. | Polder 17/1 | DSC Review has been completed and sent back to CEGIS for addressing the comments |
| 5. | Polder 17/2 | DSC Review has been completed and sent back to CEGIS for addressing the comments |
| 6. | Polder 23 | CEGIS is close to finalizing EIA Report |
| 7. | Polder 34/3 | CEGIS is close to finalizing EIA Report |

Source: DDCS&PMSC

Table 32: Activity-wise Progress of EIAs for Package 03

| S.N. | Description | Status | Comments |
|------|--|--|---|
| 1 | Project design and description | 70% complete | Require some data from the CEIP office to complete this chapter |
| 2 | Environmental baseline survey | 100% complete | - |
| 3 | Scoping and bounding | 100% complete | - |
| 4 | Major field investigation with Public Consultation Meeting (PCM) | 90% complete | PCM at Upazila level being conducted after completion of the report containing detailed information |
| 5 | Assessment of climate change impact | 100% complete | - |
| 6 | Analysis of project alternatives | 100% complete | - |
| 7 | Environmental Impact Assessment | 90% complete | Require RAP data and information to complete this chapter |
| 8 | Assessment of cumulative and reciprocal impacts | 50% complete | Require modelling data and information for assessment of reciprocal impacts |
| 9 | Preparation of Environmental Management Plan (EMP) | 90% complete | To be updated after completion of write up on reciprocal impacts |
| 10 | Preparation and submission of draft EIA report | Draft EIA reports of 7 polders have been prepared internally | -Comments on all seven EIA reports under Package-3 have been completed and sent to CEGIS -Incorporation of the comments and suggestions in the report is going on by CEGIS |
| 11 | Preparation and submission of draft EIA report to PMU | - | - |

Source: DDCS&PMSC

Comments made by the M&E Consultants on the fishery aspects are being looked at now. The issue has proposed to be resolved in consultation among the Design Engineers, Fisheries Expert and the Environmental Specialists of the Consultants and PMU in presence of the Team Leader, M&E consultants and IPOE Professor Nishat Ainun.

3.2.3.3 Status of Environmental Action Plan

Meetings were held with Sr. Environmental Specialist of PMU and Third Party M&E Consultants (including on 21 September 2016) for review of Contractor's Environmental Action Plan (EAP). The

EAP was reviewed accordingly and it was sent back to the Contractor for finalization after a discussion meeting on 26 September 2016. It has subsequently been given provisional approval by the DDCS&PMS Consultants and submitted to the World Bank on 24 October 2016, through PMU, for comment.

The DDCS&PMS Consultants prepared related documents for imparting training of the Contractor's personnel, CEIP-1 field level Consultants and BWDB officials. The training started on 01 and 02 October 2016. However, this 2-day training is just a start and a training strategy is needed to make sure that the contractor and consultant staff fully understand the EMP including its mitigation and monitoring requirements.

3.2.3.4 Status of Bi-Annual Environmental Monitoring Report

The report was prepared through a collaboration of PMU, M&E Consultants and DCS&PMS Consultants and submitted to the World Bank on the deadline of 31 July 2016.

3.2.3.5 Field-Level Environmental Compliance

Physical works in polders 32, 33, 35/1 and 35/3 during the July to September quarter were minimal as this is the monsoon season. Nonetheless, EMP compliance at work sites was monitored and observations are presented in the table below.

Table 33: EMP Compliance at Work Site for Construction Activities

| Sl. | EMP Issues | Level of compliance | Comments |
|-----|--|---|---|
| 1 | Use of topsoil | It was observed that in some locations the Contractor is not removing and then restoring the topsoil from borrow sites. | While this was apparently done with the consent of the landowner, this has obvious negative environmental consequences for productive land. |
| 2 | Erection of Signboard | Signboard/Billboard has been erected at suitable location of work site | Some of worksite need to erect new signboard/Billboard |
| 3 | Supply of safe water to workers | Tube well/bottled safe water has been supplied to workers | |
| 4 | Provision of sanitation facility | This facility has been complied in few work sites | Need further improvement of the issue by the contractor |
| 5 | Provision of First aid facilities | First aid facility has been available all worksites | The medicines and treatment materials to be replenished by the Contractor, whenever required |
| 6 | Supply and use of PPE | PPE have been supplied in some work sites | Need further improvement of the issue by the contractor |
| 7 | Waste management | Waste management has been done partially at work site | The issue need to be improved further by the Contractor |
| 8 | Cleanliness of camp site and work site | Camp site and work site has been cleaned partially | The issue need to be improved further by the Contractor |

Sources: DDCS&PMSC, Sr. Social Specialist of PMU and M&E Consultants

3.2.3.6 Status of Afforestation

Afforestation work has not yet commenced. Targets are reported in the table below, based on the Additional Tasks Assigned section of the Volume III: Afforestation Report of March 2013. These amounts are under revision as the RAP/LAP are being developed and finalized for the three packages.

Table 34: Afforestation Targets per Afforestation Report of March 2013

| SL No. | Polder No. | Afforestation (ha) | Package No. | Total |
|--------|------------|--------------------|-------------|--------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | 32 | 35.4 | P-1 | 123.84 |
| 2 | 33 | 41.7 | | |
| 3 | 35/1 | 25.8 | | |
| 4 | 35/3 | 20.94 | | |
| 5 | 39/2C | 11.27 | P-2 | 88.19 |
| 6 | 40/2 | 17.06 | | |
| 7 | 41/1 | 19.81 | | |
| 8 | 43/2C | 13.43 | | |
| 9 | 47/2 | 9.73 | | |
| 10 | 48 | 16.89 | | |
| 11 | 14/1 | 17.37 | P-3 | 116.89 |
| 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 | | |
| Total | | 328.92 | 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. However, daily or weekly site reports are not consistently being prepared. Overall a construction site supervision system is not yet fully operational, while the DDCS&PMSC has fielded its supervision engineers already. A construction supervision manual is yet to be prepared. The Contractor submitted a revised quality assurance manual in Q3 which needs further improvement.

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

3.3.2.1 Design Status

Modeling for determining the design parameters for Package 02 polders was fully completed by the end of 2015. All geotechnical surveys and investigations under Package 02 have been completed in earlier quarters and results have been or are being used for geotechnical stability and foundation designs of the embankments and hydraulic structures.

The status of design of the various elements of the works are summarized in the tables that follow. Percentage completion has been roughly estimated based on the stage of the design in the process of preparation and approval.

Table 35: Status of Design for Package 02

| SI 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 | 51.48 | - | - | 13 | 13 | 13 | 21 | 19 | - | 3.50 | 3.50 | 3.50 |
| 2. | 40/2 | 34.40 | 34.40 | 34.40 | 40.94 | 40.94 | - | 9 | 9 | 9 | 11 | 4 | - | - | - | - |
| 3. | 41/1 | 33.81 | 33.81 | 33.81 | 36.20 | - | - | 10 | 10 | 10 | 16 | 10 | - | 0.875 | 0.875 | 0.87 |
| 4. | 43/2C | 25.70 | 25.70 | 25.70 | 20.66 | 20.66 | - | 8 | 8 | 8 | 15 | 10 | - | 0.500 | 0.500 | 0.50 |
| 5. | 47/2 | 17.55 | 17.55 | 17.55 | 13.32 | 13.32 | - | 4 | 4 | 4 | 5 | 4 | - | 0.520 | 0.520 | 0.52 |
| 6. | 48 | 38.00 | 38.00 | 38.00 | 42.38 | 42.38 | - | 6 | 6 | 6 | 3 | 2 | - | - | - | - |
| Total 30 Sep 16 | | 208.71 | 208.71 | 208.71 | 204.98 | 117.3 | - | 50 | 50 | 50 | 71 | 49 | - | 5.395 | 5.395 | 5.395 |
| Prior Quarter | | 208.71 | 208.71 | 208.71 | 204.98 | 96.64 | - | 50 | 50 | 5 | 81 | 10 | - | 5.395 | 5.395 | - |

| SI 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 | | Design Prepared (**) | Design Approved | Target | Design Prepared (***) | Design Approved | Target | Design Prepared (***) | Design Approved |
| 1. | 39/2C | 4.00 | 4.00 | 4.00 | 1.95 | - | - | 11.04 | 11.04 | 11.04 | 8 | - | - | 1 | 1 | - | 1 | 1 | 1 |
| 2. | 40/2 | 1.137 | 1.137 | 1.137 | 7.90 | 7.90 | - | 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 |
| 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 |
| Total 30 Sep 16 | | 9.387 | 9.387 | 9.387 | 17.0 | 7.90 | - | 50.29 | 50.29 | 50.29 | 8 | - | - | 6 | 6 | 4 | 6 | 6 | 6 |
| Prior Quarter | | 9.387 | 9.387 | 9.387 | 17.0 | 7.90 | - | 50.29 | 50.29 | 50.29 | 8 | - | - | 6 | 6 | 4 | 6 | 4 | 4 |

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 Polder 40/2, 41/1, 47/2 & 48 which have been approved. Presently Typical Gate Design is being prepared for Polder 39/2C & 43/2C.

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 have been evaluated. Award is imminent.

3.3.2.3 Construction Supervision for Package 02

No activities as contract for Package 02 is not yet awarded.

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 underway with frequency analysis of wave height for cyclonic waves, wind data analysis, computation of embankment crest level, etc. Design is estimated to be about 10% as of 30 September 2016.

3.3.3.2 Preparation of Bidding Documents for Package 03

Progress of this task as of September 2016 is as briefly furnished below:

- i. Preparation of Bidding Documents for Package-3 commenced by taking into account the lessons learned from Package-1 and Package-2;
- ii. Updating of Technical Specification for the Bidding Documents of Package-3 is going on based on lessons learned from the bidding documents of Package-2.

3.3.3.3 Construction Supervision for Package 03

No activities as contract for Package 03 is not yet awarded.

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

Key activities performed during the current quarter are summarized in this section and cover:

- Entry and cleaning of data from baseline survey
- Preparation for World Bank briefings
- Assistance to PMU in project reviews and assessment of issues
- Preparation of reports
- Support to PMU and DCS&PMS Consultant in critical reviews of EIAs, Contractor's EAP, Relocation Plan and preparation of Bi-Annual Environmental Monitoring Report
- Field Visits
- PMIS Development, including a PMIS Workshop

Baseline survey data entry and cleaning

Data entry was completed after the design and preparation of data entry screens with pull down menus and validations checks. This will minimize data entry error. The checking of data for consistency and reasonableness is underway.

Field Visits

Field visits were undertaken during the quarter to monitor the engineering, environmental and resettlement aspects of the project.

Reports and Document Reviews

The M&E team:

- Prepared the 3rd Quarterly Progress Report and 1st Annual Progress Report consolidating the progress, plans, issues and recommendations for CEIP-1 Overall
- Prepared briefing materials for PMU in advance of the World Bank Video Conference in early October 2016
- Reviewed and commented on EIAs and RAP documents.
- Reviewed and commented on DDCS&PMSC progress reports.

PMIS Development

The structure of the database that will be used in the web-based Project Management Information System (PMIS) continued under development. Programming has advanced substantially. A Web-Based PMIS Workshop was conducted at BWDB headquarters to solicit views and guidance. Participants included DG, ADG (Planning), IT Section, Chief Planning, Chief Water Management, PMU staff, IPOE, DSC team members (including RAP Team) and others.

The M&E Consultants' Work Plan for the period 01 November 2015 to 31 December 2016 – first 5 of 7 Tasks only – is depicted in the figure below. The 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. This is not detrimental to the establishment of the baseline (quite the contrary in fact) since very little permanent works and no resettlement had taken place during the data collection period of April-June 2016. The environmental mitigation works being done on an emergency basis to prevent flooding during the monsoon season will also have no effect on the survey results since the survey is generally capturing socio-economic data from 2015.

Table 36: M&E Achievement versus Plan

| Task Groups and Major Tasks | Status |
|---|--|
| 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. |
| 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. |
| Task Group 3 – Develop and Maintain a Comprehensive Web-Based PMIS | Under development. |
| Task Group 4 – Develop Baselines | Questionnaires, sampling methodology done. Sampling frames developed and primary data collection done. Data entry done and data cleaning under way. |
| Task Group 5 – Monitor and Evaluate Project Implementation Progress and Establish Reporting System | See details below |
| <ul style="list-style-type: none"> Develop/Improve Standard Input/ Output Formats for Data Collection and Reports | Completed |
| <ul style="list-style-type: none"> Track Key Indicators and Carry Out Process Monitoring | Being implemented |
| <ul style="list-style-type: none"> Assist PMU in its Preparation of RBM-Compliant Quarterly and Annual Reports | Being implemented |
| <ul style="list-style-type: none"> Provide Recommendations, Briefings and Support to PMU and PSC for Improved Implementation | Being implemented |
| <ul style="list-style-type: none"> Conduct Field Studies, Video Documentation | Being implemented |
| <ul style="list-style-type: none"> Supervise and Monitor EMF Implementation | Being implemented |
| <ul style="list-style-type: none"> Supervise and Monitor S/RPF and RAP Implementation | Being implemented |
| <ul style="list-style-type: none"> Monitor Performance of WMOs | WMOs not yet formed |
| <ul style="list-style-type: none"> Promote Adoption of Improved Information Flows | Being implemented |
| <ul style="list-style-type: none"> Prepare Quarterly and Annual Reports | QPR#1 and QPR#2 prepared. QPR#3 cum First Annual Report prepared. |
| <ul style="list-style-type: none"> Prepare Mid Term Progress Report | Not yet due |
| <ul style="list-style-type: none"> Prepare Special Reports | Various field visit reports prepared; briefing documents prepared for two World Bank missions. |

Source: M&E Consultants

Figure 3: M&E Consultants Partial Work Plan – Covering the Tasks of the First Year

| Activity | 2015 | | 2016 | | | | | | | | | | | |
|---|--|---|------|---|---|---|---|---|---|----|----|----|----|----|
| | N | D | J | F | M | A | M | J | J | A | S | O | N | D |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Task Group 1: Mobilize and Prepare Inception Report | | | | | | | | | | | | | | |
| 1.1 | Establish Local Office and Hire Local Staff | | | | | | | | | | | | | |
| 1.2 | Initial Meetings, Site Visits and Document Review | | | | | | | | | | | | | |
| 1.3 | Inception Workshop | | | | | | | | | | | | | |
| 1.4 | Inception Report | | | | | | | | | | | | | |
| Task Group 2: Prepare Comprehensive M&E Framework and Strategy | | | | | | | | | | | | | | |
| 2.1 | Review MWR, BWDB, PMU, Ministry of Planning and donor M&E/MIS/GIS systems and reporting requirements | | | | | | | | | | | | | |
| 2.2 | Organize Ex-Officio M&E Advisory Group (MEAG) | | | | | | | | | | | | | |
| 2.3 | Select Key Performance and Impact Indicators | | | | | | | | | | | | | |
| 2.4 | Determine Survey and Data Collection Methodologies | | | | | | | | | | | | | |
| 2.5 | Analyze Existing Reporting and Information Flows | | | | | | | | | | | | | |
| 2.6 | Prepare and Submit Detailed M&E Strategy Report, Obtain Approval | | | | | | | | | | | | | |
| 2.7 | Conduct M&E Strategy Workshop | | | | | | | | | | | | | |
| Task Group 3: Develop and Maintain a Comprehensive Web-Based PMIS | | | | | | | | | | | | | | |
| 3.1 | Assess Scope and Performance Requirements of Web-Based PMIS including GIS | | | | | | | | | | | | | |
| 3.2 | Develop PMIS/GIS System Framework including Input and Output Formats | | | | | | | | | | | | | |
| 3.3 | Present PMIS/GIS Approach to PMU | | | | | | | | | | | | | |
| 3.4 | Develop and Update Web-Based PMIS/GIS Software for Project Management and Monitoring | | | | | | | | | | | | | |
| 3.5 | Maintain PMIS/GIS System | | | | | | | | | | | | | |
| 3.6 | Submit Technical Report of PMIS/GIS System, Obtain Approval | | | | | | | | | | | | | |
| 3.7 | Prepare and Submit PMIS Training Manual/Users' Manual, Obtain Approval | | | | | | | | | | | | | |
| 3.8 | Implement the PMIS System | | | | | | | | | | | | | |
| Task Group 4: Develop Baselines | | | | | | | | | | | | | | |
| 4.1 | Prepare Survey Instruments, Data Collection Tools, Formats and Technical Measurement Methods | | | | | | | | | | | | | |
| 4.2 | Hire and Train Investigators/Field Technicians/Enumerators | | | | | | | | | | | | | |
| 4.3 | Field Test and Finalize Survey Instruments and Technical Measurement Methods | | | | | | | | | | | | | |
| 4.4 | Conduct Baseline Survey | | | | | | | | | | | | | |
| 4.5 | Enter and Clean the Data | | | | | | | | | | | | | |
| 4.6 | Implement Quality Control Procedures (collection & computer entry) | | | | | | | | | | | | | |
| 4.7 | Prepare and Submit the Baseline Survey Report | | | | | | | | | | | | | |
| 4.8 | Conduct Baseline Survey Results Workshop | | | | | | | | | | | | | |
| Task Group 5: Monitor and Evaluate Project Implementation Progress and Works and Establish Reporting & | | | | | | | | | | | | | | |
| 5.1 | Develop/Improve Standard Input/Output Formats for Data Collection and Reports | | | | | | | | | | | | | |
| 5.2 | Track Key Indicators and Carry Out Process Monitoring | | | | | | | | | | | | | |
| 5.3 | Assist PMU in its Preparation of RBM-Compliant Quarterly and Annual Reports | | | | | | | | | | | | | |
| 5.4 | Provide Recommendations, Briefings and Support to PMU and PSC for Improved Implementation | | | | | | | | | | | | | |
| 5.5 | Conduct Field Studies, Video Documentation | | | | | | | | | | | | | |
| 5.6 | Supervise and Monitor EMF Implementation | | | | | | | | | | | | | |
| 5.7 | Supervise and Monitor S/RPF and RAP Implementation | | | | | | | | | | | | | |
| 5.8 | Monitor Performance of PCs/WMOs | | | | | | | | | | | | | |
| 5.9 | Promote Adoption of Improved Information Flows | | | | | | | | | | | | | |
| 5.10 | Prepare Quarterly and Annual Reports | | | | | | | | | | | | | |
| 5.11 | Prepare Mid Term Progress Report | | | | | | | | | | | | | |
| 5.12 | Prepare Special Reports | | | | | | | | | | | | | |

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

Not yet mobilized – negotiations are still continuing since April 2016.

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 37: Status of PMU Institutional Setup

| Sl. No. | Action Item | Status |
|---------|--|--|
| 1 | Project Steering Committee will meet periodically to provide a forum for overall guidance, policy advice and coordination of project activities and addressing inter-agency issues. | No PSC meetings took place this quarter. The last PSC meeting took place on 19 March 2015. The PD is actively communicating with senior BWDB and Ministry officials. |
| 2 | Design and Construction Supervision Consultants (DDCS&PMSC), including sub-consultants for EIA development and EMP implementation and RAP development and implementation | Contracted in December 2014 and commenced work in January 2015 |
| 3 | M&E Consultants to provide support in monitoring project impacts and supervise the implementation of the EMP/RAP | Contracted in October 2015 and commenced work in November 2015. |
| 4 | NGO for Social Afforestation and Social Action Plan implementation, including formation of pilot WMOs. | Not yet recruited; re-activated shortlisting in process since June 2016 |
| 5 | Procurement Panel to assist in the procurement process for large value contracts. The panel consists of two international consultants and one national consultant. | The three-member panel is in place and contracts have been extended as planned. |
| 6 | Independent Panel of Experts (IPoE) will be appointed to act as an independent “peer reviewer” and undertake various quality control functions of various technical outputs. The Panel will consist of five renowned experts: coastal, estuarine and river morphologist; sediment/tidal management expert; design expert in embankment and hydraulic structures; social expert; and environment, water management and polder expert. | Chairman of IPoE has been appointed and in place since 23 March 2015. Other panel members not yet appointed. Revision of TORs for the restructured positions is planned for November 2016. Original planned deadline for TORs was 30 Sep 2016. |
| 7 | A Deputy Project Director position is envisioned in the project design and may be a useful addition to the PMU as activities start to intensify. | Discussed among PMU and World Bank, though no specific action taken. |

3.4.1.2 Financial Management

Table 38: Status of Financial Management Arrangements

| Sl. No. | Action Item | Status |
|---------|---|---|
| 1 | Special Accounts – Two separate designated accounts to be opened, one for the IDA Credit and one for the PPCR Grant | Complied. Two accounts (one for IDA, one for PPCR) opened on 16 February 2014 at Janata Bank, Kamal Ataturk Avenue, Banani. |
| 2 | All payments to be made directly by PD from PMU; no payments to be handled through the division/regional offices. | Complied. |

| Sl. No. | Action Item | Status |
|---------|---|---|
| 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. | Opening of bank accounts for Package 01 EPs has largely been completed. Payments have commenced and are being issued via checks that must be deposited. |
| 4 | Interim Un-audited 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 | The IUFR for 4 th Quarter of FY 2015/16 (prior quarter) has not yet been submitted though it was due 15 August 2016. The 3 rd Quarter IUFR was submitted in June, though it was due on 15 May. The delay is due to the heavy workload faced by PMU in the financial arena due to the vacancy in the Financial Management Specialist position since 01 March 2016. Recruitment process is underway. All prior IUFRs have been submitted 10-15 days ahead of the deadline, and all have been accepted by the World Bank including the IUFR for the 2 nd Quarter of FY 2015/16. |
| 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. | FY 2014/15 financial statement audit completed and submitted to the World Bank in December 2015. FAPAD had raised two objections: 1) regarding TIN for the DDCS&PMS Consultants; and 2) that the level of tax deduction on the consultants on the Procurement Panel was lower than the required amount (20 vs. 30%). These matters have been fully resolved and per WB suggestion PMU has prepared a response to FAPAD. FAPAD has issued a letter in October removing these findings. |
| 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. |
| 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. | The internal audit has been requested and is scheduled for 29 October to 3 November 2016. |
| 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 |

| Sl. No. | Action Item | Status |
|---------|---|---|
| 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. | PWD Accounts Code / Manual with updating BWDB system in conformity with the PPA-06 & PPR-08 are being followed. |

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 7.

3.4.2 Outputs of D2: Technical Assistance and Training

There has been no activity during the last four quarters.

3.4.3 Outputs of D3: Strategic Studies and Future Project Preparation

Not yet commenced.

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 8.

Table 39: 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 2016 | Cumulative Value as of 30 Sep 2016 |
|--------|---|----------------|----------------------|------------------------------------|------------------------------------|
| 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 | 760,000 (50% women) | 0 | 0 |
| 3 | Cropping intensity | outcome | 180 | Awaiting baseline | Awaiting baseline |
| 4 | Contingent Emergency Appropriation | input | No target | Not triggered | Not triggered |

| | Intermediate Results Indicators per PAD/DPP | Indicator Type | Total Project Target | Cumulative Value as of 30 Jun 2016 | Cumulative Value as of 30 Sep 2016 |
|----|---|----------------|----------------------|--|--|
| 5 | Length of upgraded embankment | output | 623 km | 0.810 kms done; 9.556 kms commenced | 0.810 kms done; 9.556 kms commenced |
| 6 | Drainage structures replaced and upgraded | output | 129 no | 0 | 0 |
| 7 | Regulators upgraded | output | 134 no | 0 | 0 |
| 8 | Flushing inlets upgraded | output | 244 no | 0 | 0 |
| 9 | Length of drainage channels upgraded | output | 794 km | 0 | 0 |
| 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 | 33 (341 p-days) (66 woman-days) | 33 (341 p-days) (66 woman-days) |
| 15 | Grievance Redress Committees (GRC) established | output | 17 no of polders | 4 polders (15 GRC) | 4 polders (15 GRC) |

5. PLANS FOR THE NEXT TWO QUARTERS

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

The DDCS&PMSC and its sub-consultants have not yet developed (or not yet shared) a detailed planning system for works for the next half year or quarter, but drawing on the World Bank Aide Memoire, the following targets have been set.

Table 40: Selected Planned Physical Outputs for Package 01

| S.N. | Activity to be carried out | Planned Completion Date | Remarks |
|------|---|-------------------------|--|
| 1 | Additional 30 kms length of Embankment Completed | December 2016 | 0.810 kms complete as of this reporting period |
| 2 | Additional 60 kms length of Embankment Completed from Jan-Apr 2017 | April 2017 | |
| 3 | 15 Drainage structures replaced | April 2017 | |
| 4 | 18 Flushing Inlets upgraded | April 2017 | |
| 5 | 10 drainage channels upgraded | December 2016 | To be started after current monsoon season. |
| 6 | Additional 60 drainage channels upgraded from Jan-Apr 2017 | April 2017 | |
| 7 | 2.45 kms of River Bank Protection works | December 2016 | To be started after current monsoon season. |
| 8 | Additional 5.5 kms of River Bank Protection works from Jan-Apr 2017 | April 2017 | |
| 9 | Construction of Site Facilities in Khulna and on site | 01 January 2017 | |

Source: World Bank Aide Memoire from June 2016 Implementation Support Mission

5.1.1.2 Works Package 02

Borings are 100% completed while analysis of geotechnical investigations for Package 02 are 85% done and expected to be fully completed by December. Detailed designs are 85% complete as of the close of the quarter ending 30 September 2016 (up from 70%) on 30 June. They were expected to be fully completed by 30 September, but some additional time is needed.

As for bids, the contract is not yet awarded despite the submission due date of 24 March 2016. The target for purchasing committee approval was 30 June 2016, but the Bid Evaluation Report was submitted to the WB on 19 June 2016 and WB gave NOL in July. The purchasing committee approval is expected shortly, with contract signing likely in December 2016, given the budget and financing issues related to increased land acquisition costs.

5.1.1.3 Works Package 03

No works will be undertaken until FY 2017/2018 as the procurement of the Contractor is not planned until around March 2017.

5.1.2 Planned Output of A2: Afforestation

No physical progress is expected in the next two quarters as RFP not yet issued for concerned NGO. However, the selection of the NGO is expected to be accomplished during 2017.

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 of NGO for SAP is expected to be completed in the next two quarters.

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

The plans for Packages 01 and 02 are presented in Gantt Chart format in Figures 6 and 7.

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

- Finalizing Package 01 RAP
- Completing Bengali translation of RAP
- Completing all Package 01 LAPs by December 2016
- Completing the payment of compensation for all non-titled EPs by February 2017
- Starting the payment of compensation for land of the titled EPs by December 2016

Table 41: LAP and RAP Plans for Next Two Quarters – Package 01

| S.N. | Activities to be carried out | Planned Completion date as of 30 June 2016 | Status as of 30 Sep 2016 | Remarks |
|------|--|--|--|---|
| 01 | Finalize Package 01 RAP | 30 September 2016 | In process | |
| 02 | Complete Bengali translation of Package 01 RAP | 30 September 2016 | To be done | Per WB Aide Memoire of June 2016, target date was 31 Aug 2016. |
| 03 | Program for development of strategy and action plan for settlement of pending land legacy issues with timetable. | 31 July 2016 | To be done | |
| 04 | Program for development of database of land ownership and land taking under existing embankments with timetable. | 31 July 2016 | To be done | |
| 05 | Strategy and action plan for permanent relocation of displaced squatters | 31 August 2016 | General overview provided. It is to be elaborated and a detailed tally of PAHs made. | Per WB Aide Memoire of June 2016, target date was 31 July 2016. |

Key milestones for the RAP and LAP of Packages 02 and 03 covering the next two quarters is presented in the tables which follow.

Table 42: LAP and RAP Plans for Next Two Quarters – Package 02

| S.N. | Activities to be carried out | Planned Completion date as of 30 June 2016 | Status as of 30 Sep 2016 | Remarks |
|------|--|--|--|--|
| 01 | Submission of 3 Remaining LAPs as per requirement of DC offices | September 10, 2016 | Final 3 LAPs submitted to DC early October 2016 | Per WB Aide Memoire, target date was 31 Jul 2016. |
| 02 | Checking and validation of updated IOL data with data sheet at the field level | September 30, 2016 | Not started | Started in October and expected to be completed in November 2016 |
| 03 | Devising ID number of EPs | October 15, 2016 | Completed 30 September 2016 | |
| 04 | Focused group formation | August 31, 2016 | 89% Expect 100% done by 30 November 2016. | 208 of planned 235 FGDs formed. |
| 05 | Focused Group discussion | ongoing | ongoing | FGDs are going on |
| 06 | Photography of EPs | November 2016 | Not yet started | Target 90% |
| 07 | Preparation of ID cards | December 15, 2016 | Started September 2016 | Target 90% |
| 08 | Collection of necessary papers (NID, Bank Account Slip, Trade License, etc.) | December 15, 2016 | Started September 2016 | Target 90% |
| 09 | Formation of PAVC | October 31, 2016 | Nominees are being selected by the DC offices, Local Government and BWDB. Nomination is not finalized. | Delayed. |
| 10 | Formation of GRC | December 31, 2016 | Nominees are being selected by the Local Government and BWDB. Nomination is not finalized. | |
| 11 | Determination of unit rate for structure and trees | November 30, 2016 | Awaiting appointment of PAVC committee members | Delayed. |
| 12 | Updating of Resettlement Action Plan | December 31, 2016 | IOL has been updated but RAP is not yet updated as because the original RAP is not yet cleared by the World Bank. Can only be done after getting concurrence from the World Bank and the PAVC recommended rates are available. | Likely completion not earlier than 31 January 2017. |
| 13 | Determination of individual entitlement | December 31, 2016 | Individual entitlement will be determined after PAVC rate is available. | Likely completion not earlier than 31 January 2017. |

Source: RAP Team, DDCS&PMS Consultants

Table 43: LAP and RAP Plans for Next Two Quarters – Package 03

| S.N. | Activities to be carried out | Planned completion date | Remarks |
|------|---|-------------------------|---|
| 01 | Collection of information from BWDB local offices on previously acquired land | November 30, 2016 | Originally planned to be done by September 30, 2016. Khulna, Bagerhat and Shatkhira BWDB offices |
| 02 | Collection of Mouza Maps | October 31, 2016 | From the Directorate Land Records and other offices |
| 03 | Collection of Khatians | November 30, 2016 | From Union level Tahsil Offices |
| 04 | Preparation of plot schedule | December 31, 2016 | Depends on alignment handing over by Engineering team |
| 05 | Preparation of LAPs for each polder | December 31, 2016 | |

Source: RAP Team, DDCS&PMS Consultants

Figure 4: Plan of Action for RAP/LAP Package- 1 (CEIP-1), 2016

| LEGEND | Plan 31 Dec 2015 | Revised Plan 30 Jun 2016 |
|--------------------------------------|------------------|--------------------------|
| Beyond Grip of CEIP—1 Consultants | | |
| Within purview of CEIP-1 Consultants | | |

| ID | Task Name | Responsible Agency | 2016 | | | | | | | | | | | | 2017 | | | |
|----|---|-----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
| 1 | Updating RAP | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 2 | Comments from WB, PMU, and CEIP consultants | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 3 | Updating IOL | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 4 | Devise ID for EPs | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 5 | FGD formation | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 6 | FGD meeting held | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 7 | Photography of EPs (Squatters) | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 8 | Photography of EPs (Titled) | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 9 | Joint verification for 35/1 | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 11 | Preparation of revised LAP and submission | DC, PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 12 | LA process | DC, PMU | | | | | | | | | | | | | | | | |
| 13 | Individual Entitlement of EPs Calculated | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 14 | Collection of National ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | |
| 15 | Opening Bank Account | CEIP-1 Consultants | | | | | | | | | | | | | | | | |

| ID | Task Name | Responsible Agency | 2016 | | | | | | | | | | | | 2017 | | | | |
|----|--|-------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|--|
| | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | |
| 16 | Collection of Certificates from LGI Officers | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 17 | Preparation of ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 18 | Issuance of ID Cards by XEN | XEN,PMU, CEIP-1 | | | | | | | | | | | | | | | | | |
| 19 | Laminating of ID cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 20 | Distribution of ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 21 | Preparation of EP/EC and indent | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 22 | Payment to non-titled EPs and handing over land step by step | PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 23 | EPs will move elsewhere from the embankment | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 24 | Titled EPs update | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 25 | Assist to BWDB office | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 26 | PAVC meeting for land | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 27 | PAVC meeting for structures and trees | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 28 | CCL collection from DC office | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 29 | Preparation of CCL statements | PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 30 | CCL payment to titled EPs | DC, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 31 | Compensation for Non titled | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 32 | Redressal of Grievances | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |

Figure 5: Plan of Action for RAP/LAP Package- 2 (CEIP-1), 2016

| LEGEND | Plan 31 Dec 2015 | Revised Plan 30 Jun 2016 |
|--------------------------------------|------------------|--------------------------|
| Beyond Grip of CEIP—1 Consultants | | |
| Within purview of CEIP-1 Consultants | | |

| ID | Task Name | Responsible Agency | 2016 | | | | | | | | | | | | 2017 | | | | |
|----|---|-----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|--|
| | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | |
| 1 | Submission of draft RAP | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 2 | Comments from WB, PMU, and CEIP consultants | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 3 | Updating IOL | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 4 | Devise ID for EPs | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 5 | FGD formation | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 6 | FGD meeting held | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 7 | Photography of EPs (Squatters) | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 8 | LAP submission | DC, PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 9 | LA process | DC, PMU | | | | | | | | | | | | | | | | | |
| 10 | Updating RAP | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 11 | Individual Entitlement of EPs Calculated | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 12 | Collection of National ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 13 | Opening Bank Account | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |

| ID | Task Name | Responsible Agency | 2016 | | | | | | | | | | | | 2017 | | | | |
|----|--|-------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|--|
| | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | |
| 14 | Collection of Certificates from LGI Officers | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 15 | Preparation of ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 16 | Issuance of ID Cards by XEN | XEN,PMU, CEIP-1 | | | | | | | | | | | | | | | | | |
| 17 | Distribution of ID Cards | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 18 | Preparation of EP/EC and indent | CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 19 | Payment to non-titled EPs and handing over land step by step | PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 20 | EPs will move elsewhere from the embankment | PMU,CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 21 | CCL payment to titled EPs | DC, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |
| 22 | Additional Payment to titled EPs | PMU, CEIP-1 Consultants | | | | | | | | | | | | | | | | | |

5.2.3 Planned Outputs of B3: Implementation of EMF and EMPs

The DDCS&PMSC expect to submit final EIA reports acceptable to the World Bank for the remainder of Package 02 polders by August 2016 at the latest and to complete the EIA study for one polder of Package 03, Polder 14/1, by July 2016.

Table 44: Environmental Safeguards Plans for Next Two Quarters

| S.N. | Activities to be carried out | Planned completion date as of 30 June 2016 | Status as of 30 Sept 2016 | Remarks |
|------|--|---|--|--|
| 01 | Prepare and Submit Bi-Annual Environmental Monitoring Report | 31 July 2016 | Completed 31 July 2016 | DDCS&PMSC, M&E and PMU prepared collaboratively |
| 02 | Completion of EIAs for six polders of Package 02 | 15 August 2016 | With IPOE for review. | WB provided comments on 17 August 2016. Second drafts for all six polders submitted to WB in late Sep 2016; WB will only review after vetting by IPOE. |
| 03 | EIAs for 7 polders of Package 03 | First drafts by 30 Nov 2016; Final versions by 31 Dec 2016 | Not yet due. | Per proceedings of 03 October 2016 WB Project Team Video Conference. |
| 04 | Environmental Action Plan for Package 01 | 31 August 2016 | A draft was prepared by Contractor and submitted to DDCS&PMSC in July, but it need to be further improved. (It has been accepted by the Engineer on 24 October 2016 and PMU has shared it with the WB) | Per WB Aide Memoire of June 2016, due date was 15 July 2016. |
| 05 | Environmental Audit | 15 February 2017 | Not yet due. | |

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

While technical surveys for modeling are now 95% complete and storm surge and drainage modeling each also 95% complete, the detailed design for Package 03 has actually commenced only in July 2016. The DDCS&PMSC projected the detailed design to be 30% complete by 30 September 2016 (it was 10% complete as of that date) and 50% complete by 31 December 2016. Even if this schedule is met, it will be challenging to issue the tender as expected by 31 January 2017 as noted in the Aide Memoire of June 2016. The tender may actually be issued in March 2017. If the time required for the

procurement is kept to a minimum and there are no unexpected obstacles, then the target date of 30 October 2017 for contract signing may still be met.

Table 45: Design Work – Plans for Next Two Quarters

| S.N. | Activities to be carried out | Completion date per DDSC&PMSC | Remarks |
|------|--|--|--|
| 1 | Modeling for Detailed Design of Package 03 | 90% by 30 Sep 2016; 100% before 31 Dec 2016 | As of 30 September 2016, stands at 95% done. WB Aide Memoire of June 2016 targets 100% by 31 July 2016. |
| 2 | Detailed Design of Package 02 | 100% by 30 Sep 2016 | As of 30 September 2016, stands at 85% done. WB Aide Memoire of June 2016 targets 100% by 31 Aug 2016. |
| 3 | Detailed Design of Package 03 | 30% by 30 Sep 2016; 50% by 31 Dec 2016 | As of 30 September 2016, stands at 10% done. WB Aide Memoire of June 2016 targets 100% by 31 Dec 2016. |
| 4 | Geotechnical Surveys and Investigations for Package 03 | To start about 01 January 2017 | To be started only after detailed design is done; can be done in sections. WB Aide Memoire of June 2016 targets 100% by 31 Dec 2016. |

5.3.1.2 Preparation of Bidding Documents

Plans for the next two quarters include:

- i. Completing the preparation of Bidding Documents for Package-3 by taking into account the lessons learned from Package-1 and Package-2;
- ii. Preparing the Bill of Quantity (BOQ) when the detailed design of Package-3 is completed;
- iii. Completing the update of Technical Specification for the Bidding Documents of Package-3 based on lessons learned from the bidding documents of Package-2.

The DDSC&PMSC progress report Gantt Chart shows finalization and approval of the Bidding Document for Package 3 for 13 February 2017 and award of contract for 6 October 2017.

5.3.1.3 Construction Supervision

There was minimal construction during this rainy season. DDSC&PMSC has taken pro-active steps in late September to prod the Contractor to prepare to take up the construction works with deliberate speed as the rains end.

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

Key activities planned for next two quarters are:

1. Launch beta version of the web-based PMIS
2. Draft and Final Baseline Survey Report
3. Baseline Survey Results Workshop
4. Design and execute next round of surveys, if needed
5. Commence Training Needs Assessment of BWDB in M&E
6. Review EIA, RAP documents (ongoing, as they are provided)
7. Undertake Environmental Audit
8. Assist in preparation of Bi-Annual Environmental Monitoring Report (January 2017)

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

Not yet mobilized.

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:

- Proposal will be prepared for the revision of the DPP
- PSC Meeting will be convened
- Afforestation/WMO NGO will be recruited
- Additional members of IPoE and PMU team (including those for field office) will be recruited and brought on board

5.4.1.2 Financial Management

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

- IUFR to be submitted each quarter, with 4th Quarter IUFR due by 15 August 2016 yet to be submitted and 1st Quarter FY 2016/17 IUFR due by 15 November 2016.
- BWDB Audit Wing audit will be conducted and audit report shared with the World Bank.
- Project Audit Committee will be discussed and decision made on its formation.

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

Not yet commenced.

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. Submission of evidence of insurance of the equipment is awaited from the Contractor.

6.1.2 Invoices and Payments

The Contractor submitted the first Interim Payment Statement No. 3 for works carried out under BOQ Bill No. 1 on 03 June 2016 covering works done through the end of May 2016. The Engineer issued the corresponding Interim Payment Certificate (IPC) No. 3 on 02 August 2016 after getting additional supporting documents. The Contractor confirmed that payment has been received.

6.1.3 Variation Orders

No Variation Orders have been issued at this time.

6.2 Works Contract W-02

Not yet commenced.

6.3 Works Contract W-03

Not yet commenced.

7. ISSUES AND RECOMMENDATIONS

New Issues

Seven issues have emerged during the quarter. The first five of these seven issues should be considered red flag issues given they are urgent and present a high risk to the project.

Issue¹¹ QPR4-1: Land Acquisition Cost Has Increased Dramatically

Land acquisition costs have risen dramatically since the estimates provided during appraisal for a variety of reasons explained in an assessment report prepared by the DSC. Even in the last few months land prices have increased given the payment of compensation to 1119 squatters who have suddenly exerted effective demand in the land market. With an estimated 7-8% of the polder population being physically relocated, such an effect is not unexpected. Additional budget must be allocated and the source(s) of financing must be agreed between the World Bank and the Government of Bangladesh.

The two basic options are increasing funding levels or keeping funding constant and shifting funds from areas with savings (not sufficient in itself) and by reducing the project scope. With respect to the reduction in scope, the DSC has proposed that polders 14/1 and 15 be dropped from CEIP-1 in any case. These two polders have been characterized as being somewhat inconsistent with the project development objectives since they are predominantly under shrimp production. This runs counter to the PDO of improving agricultural production by reducing saline water intrusion. It also means that the costly investment would be made in an area where smallholders and poor would not be the principal beneficiaries. Finally, it has been argued, that the very sustainability of the embankment will be in question as the shrimpers typically cut through embankments and install pipes at their base to admit the brackish water they need. These conduits are areas of increased erosion that lead to deterioration of the embankments over time.

PMU has submitted a preliminary proposal for re-appropriation of funds to the World Bank on 07 September 2016. This was followed by a video conference with the World Bank on 03 October 2016 and GoB submission on 01 November 2016 of a formal re-appropriation proposal to World Bank for their concurrence.

Recommendation: World Bank to consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs.

Issue QPR4-2: Delay in Signing of Contract for Works Package 02

Related to the issue above, it appears that the contract for Works Package 02 cannot be signed unless the budget for the entire value of the contract has been authorized, though it is understood that the actual funds need not be available immediately. Since the land acquisition costs for W-02 (combined with the already committed LA costs for W-01) exceed the total authorized budget for LA under CEIP-1, a formal agreement on reallocation of budget is required.

Recommendation: Same as above.

Issue QPR4-3: Relocation Planning and Assistance to be Improved

1119 non-titled EPs (squatters) have been compensated by September 2016 and they are preparing to vacate the project area. In fact, as of this writing, many of these households have started to

¹¹ We adopt a convention of numbering issues with the QPR number (in which quarterly report the issue was first raised) followed by the serial number.

move. More EPs will be compensated in the upcoming quarter. There is limited understanding of whether these PAHs have found reasonable accommodation and whether it is permanent or temporary and whether it addresses the needs of the displaced. Presently, the Physical Relocation Assistance Committees are in the process of being formed.

With an eventual 15,000 households to be relocated including a large number of businesses, CEIP-1 has been characterized as having the largest displacement in the World Bank's current portfolio worldwide. It is well appreciated that not meeting the RAP objectives would put the project at risk. Everyone concerned is fully aware of the legal and ethical obligations. The DDCS&PMS Consultant is responsible to carefully review the RAP and ensure it is implemented fully and effectively.

Recommendations:

Several areas need to be strengthened:

5. The DDCS&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 this data should be vetted by the Consultants as to credibility and reasonableness. Post-move interviews should be conducted. More importantly, in the future, this information should be available before the move. It is understood that the RAP team has asked PAHs where they will move ahead of time, but this information must be assessed in some way to confirm these are not just statements provided without a concrete basis in order to simply get on with getting compensation.
6. PRAC should begin to function immediately and be given an orientation by DDCS&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. PRAC for Package 01 must be expedited. We must learn from this and make sure that the PRAC for Package 02 is operational before the resettlement process advances to relocation stage.
7. DDCS&PMS Consultant and the PRACs should monitor and report any cases where squatters are having difficulty identifying a place to relocate. This might occur given rising land prices and the elimination of the temporary relocation option which would have allowed return to the embankment after construction. Earlier, it was felt by the Project staff and EPs alike that the amount of compensation provided to squatters would be sufficient to allow them to purchase land. With the sudden increase in demand, this does not appear to always be the case. Land prices have increased dramatically, even in the last several months as compensation payments have been made by CEIP-1.
8. It would be better if EPs were informed in advance of the total estimated amount of compensation they are to receive under the entitlement framework specified by the RAP and not left to guess how much they will get until the day they receive their check. Such advance information would allow the EPs to know how much they have to work with when looking for a new place to live. It would allow them to be more informed to better evaluate and decide which relocation option to select and might allow them to make a rental or purchase deal before the prices spike again.

Issue QPR4-4: Livelihood Restoration Program Needs Attention

There is no plan for the livelihood restoration program. Meanwhile, Project-Affected Households (PAH) are already preparing to vacate the project area. It is the policy of CEIP-1 that every PAH will have been provided adequate assistance so that they will be at least as well off as they were before relocation or resettlement. This means that payment of compensation according to the entitlement matrix is only a part of the requirement. The livelihood restoration program is needed to meet the social safeguard requirements.

Recommendation:

The DDCS&PMSC should develop a training program and oversee its implementation. The question of whether displaced PAHs (and especially the vulnerable) will be able to continue earning in the same way they have before and at comparable levels needs to be answered. 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.

Issue QPR4-5: PMU Team Needs Assistance

Complex engineering, contractual and financial matters require a great deal of PMU's effort and extensive consultation at senior levels. Urgent priorities must be and are being attended. Challenges exist such as delegation, communication, timeliness of actions, and especially work load.

Recommendation:

All the required PMU staff should be recruited. It should be noted that this is in process.

Issue QPR4-6: Environmental Monitoring Capability Must be Strengthened Further

The EIAs contain EMPs that are not easily digestible by the staff of the supervision consultants and the Contractor. However, in order for the contractor and consultant staff to implement the EMP, they must have a detailed understanding of its dictates as they schedule the work, plan the work methods and execute the works. They must also keep records according to specified formats and protocols. Training has been planned (and executed) for the Consultant and Contractor staff on 1-2 October 2016 and this is a good start. The Contractor has no Environmental Officer, but has deputed one Site Engineer per polder to carry the additional charge of environmental monitoring.

Recommendation:

As already stated by the DDCS&PMS Consultants, the environmental monitoring and mitigation training will involve a series of sessions. The first one in October was simple awareness-raising which is important and welcome, but the rest of the training program must be developed and implemented without delay since the construction season has commenced in late September. As already recommended by the DDCS&PMS Consultants, the Contractor should appoint at least one Environmental Officer and polder-wise environmental monitors should be in place that carry no other responsibility.

Issue QPR4-7 Preparation of CEIP-Phase 2 Should Commence Soon Given the Serious Need

The rationale for investment in polder improvements laid out in the appraisal document of CEIP-1 remains valid. Based on historical records of damage and losses and the ongoing erosion, subsidence and deterioration of other polders in the coastal areas of Bangladesh, the embankment improvement works are essential for many other polders. This is especially true considering the effects of climate change. Anecdotal evidence shows CEIP-1 activities and objectives enjoy strong support from polder residents. According to the IPOE, the GoB considers expansion of the CEIP effort a priority.

Recommendation: Since project preparation and appraisal takes a substantial amount of time and the need for embankment improvement in the coastal polders is apparent, it is recommended that the World Bank and GoB begin planning for the preparation of CEIP-2 as soon as practically possible.

Red Flag Issues Unresolved from Prior Quarters

The issues bulleted here are the most critical among the issues remaining unresolved. One red flag issue was resolved during the last quarter – the completion of the Joint Verification Survey for Package 35/1 which had been pending for almost one year. Some elaboration is provided in the table on the pages that follow, with fuller discussion in Annex 9 – *Issues from Prior Quarters*.

- **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 or more.
- **R** Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management
- **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
- **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.

All of these “red flag” issues are both urgent and important and they must be pursued in parallel. The resettlement and land acquisition processes are 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 the land acquisition process has not yet begun due to delays in land valuation. Currently, it is projected that payments to the last of the non-titled EPs in Package 01 will likely be completed only in February 2017 and then the EPs are given 30 days to move. Compensation to most titled EPs for their land will stretch beyond that. Of course, the Package W-01 Contractor has unencumbered stretches available and can work around the stretches that EPs are to vacate.

Status of All Issues Raised in Prior Quarters

The issues from the prior Quarterly Progress Reports are summarized below along with the status of recommendations. The full discussion of these issues is presented in Annex 9.

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|--|---|
| from QPR3 | | | |
| Issue QPR3-1: Security is a Growing Concern | The security situation in Bangladesh has not directly affected the works or services as of this time, but judgment and caution must be exercised for any travel within the country. Signage at campsites may be made inconspicuous. Consultants and Contractors may wish to develop and put in place a security plan for their | RESOLVED for now, but CAUTION required. The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous. PD has written to the police in | Security risks should continue to be monitored as they could constrain field activities of international staff. |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|---|--|
| | Dhaka staff and field staff. | the project area and they have standing orders to accompany staff to the field when requested. | |
| Issue QPR3-2: Equipment Mobilized on Contract W-01 is Inadequate | 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. | PARTIALLY RESOLVED. With the delivery of 40 new pieces of equipment (Mongla Port on 25 Sept 2016), the equipment mobilized by the Contractor is 46% of the required equipment strength as per the Engineer's estimate early in 2016. The number of excavators is now improved with 41 units in country of the 49 estimated to be required. An additional 13 bulldozers are also in port. Contractor has indeed commenced procurement of additional equipment including 57 dump trucks and 2 more CC block manufacturing machines. This will be helpful, but does not fully close the gap. | Additional equipment needs should be identified and equipment procured immediately. |
| from QPR2 | | | |
| Issue QPR2-1: Overall Reporting System Needs Attention and Improvement | 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. | PARTIALLY RESOLVED. The M&E Consultants and PMU have provided guidance on the content and presentation of reports and continue to work with the DDCS & PMS Consultants in a collegial manner. Report content continues to improve. Reports are now on time. | DDCS & PMS Consultant reports need further improvement in segregating activities and accomplishments by quarter, showing plans, and sometimes in being up to date. |
| Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires | The construction works are now estimated to cost more than planned due to a number of reasons. Also the USD/SDR exchange rate has changed resulting in a budget shortfall. A DPP revision should be prepared without delay capturing | NOT RESOLVED. A rough estimate of Package 03 works costs has been provided to the PMU. Land Acquisition Costs have also increased and | Any other required changes for works and consultancy services contracts should be captured and the revised DPP drafted so that key |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|--|
| <p>Amendment</p> <p>Flagged RED</p> | <p>whatever changes are required since package 03 may not be able to be tendered otherwise. The PMU should continue to consult the World Bank. The DDCS&PMSC Consultants should provide an estimate of likely works package 03 costs.</p> | <p>DDCS&PMSC have provided an outline of alternative options including reduction in works by eliminating two polders from the scope.</p> | <p>changes can be approved before budget constraints delay or hamper project implementation.</p> |
| <p>Issue QPR2-3:</p> <p>JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled</p> <p>Flagged RED</p> | <p>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.</p> | <p>RESOLVED.</p> <p>JVS for remaining section of polder 35/1 completed in September 2016.</p> | |
| <p>Issue QPR2-4:</p> <p>There may not be a consistently systematic approach to document processing and control</p> | <p>Each survey or technical report needs submission through a formal process. Copy should be provided to IPOE and the M&E Consultant. A table of reports and review status should be provided by the DDCS&PMS Consultants at the end of every quarter.</p> | <p>PARTIALLY RESOLVED.</p> <p>Improvement is noted as technical reports are generally being submitted to PMU and M&E Consultant.</p> <p>A table of reports is being provided by DDCS&PMSC.</p> | <p>DDCS&PMSC will consistently follow the recommendation.</p> |
| <p>Issue QPR2-5:</p> <p>Measure of physical progress needs to be developed</p> | <p>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.</p> <p>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.</p> | <p>NOT RESOLVED.</p> <p>DDCS&PMS Consultant has prepared and shared one approach for assigning weights at the highest level (14 BOQ items). This has been discussed briefly with M&E Consultants.</p> <p>The Consultants have also adopted a percent progress formula for embankment works that is based appropriately on cum of earthwork. This is a good step.</p> | <p>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.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|---|
| <p>Issue QPR2-6:</p> <p>Environmental Concerns may need attention – mitigation for fish migration</p> | <p>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.</p> | <p>PARTIALLY RESOLVED.</p> <p>M&E Consultants met with the Fisheries Expert of DDCS&PMSC to elaborate the concern and provide guidance.</p> | <p>DDCS&PMSC to explain options and make their recommendations to PMU.</p> |
| <p>Issue QPR2-7:</p> <p>Periodic Environmental Reports Required</p> | <p>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.</p> | <p>PARTIALLY RESOLVED.</p> <p>PMU, M&E Consultants and World Bank have provided some guidance on the content of various environmental reports.</p> <p>1st Bi-annual Environmental Monitoring Report has been submitted by the DDCS&PMSC.</p> <p>Additional improvements will be needed.</p> | <p>Future periodic reports on environment to be prepared by DDCS&PMSC. PMU's Senior Environmental Specialist and M&E Consultants will support as appropriate.</p> |
| <p>Issue QPR2-8:</p> <p>Recently Procured Project Vehicles Have Not Been Assigned to the Field</p> | <p>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.</p> | <p>PARTIALLY RESOLVED.</p> <p>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.</p> | <p>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.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|---|
| <p>Issue QPR2-9:</p> <p>Construction Supervision Systems to be Strengthened</p> | <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 DDCCS& PMSC site supervisors and Contractor's Site Construction Managers, etc.</p> | <p>PARTIALLY RESOLVED.</p> <p>DDCCS&PMS Consultants continue to elaborate and improve their systems.</p> | <p>DDCCS&PMS Consultants will report on the status of their systems by system element in their monthly and quarterly reports.</p> |
| <p>Issue QPR2-10:</p> <p>Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</p> <p>Flagged RED</p> | <p>The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract, Contract Management and Claims Avoidance/ Management. While Consultants have been hired to serve as Engineer, the Owner needs to understand the roles, authorities and responsibilities of each party in order to effectively manage the Project. Training may be provided and would be of great use given the upcoming award of two additional large construction contracts under CEIP-1. Currently, the PMU has no in-house expertise for advice on contract issues.</p> <p>With respect to advice on contract issues, the PMU should recruit an independent specialist for this purpose.</p> | <p>NOT RESOLVED.</p> <p>The World Bank, during its June 2016 mission, signaled its willingness to consider whatever support PMU might need. PD has started a discussion with senior BWDB officials concerning PMU support requirements.</p> <p>The WB provided an experience-sharing opportunity in the first week of October for the PD CEIP-1 with other PDs.</p> <p>The DDCCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could provide such expertise, with an amendment to the ToR and resources.</p> | <p>PD to decide on appropriate option to pursue in consultation with the BWDB, Ministry and then World Bank.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|--|---|--|
| from QPR1 | | | |
| <p>Issue QPR1-1: Physical Progress on Works Package W-01 is in danger of being delayed.</p> | <p>i. Contractor to hire equipment until their own equipment is available.</p> <p>ii. Administration of the works would best be managed polder-wise, meaning that a deputy PM or someone in authority should be posted at each polder to permit simultaneous works in four polders.</p> | <p>i. PARTIALLY RESOLVED</p> <p>ii. RESOLVED</p> <p>i. The Contractor complied after delay and 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.</p> <p>ii. Complied</p> | <p>DDCS&PMSC should continue to review the adequacy of equipment 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.</p> <p>To be followed through for the next two works packages.</p> |
| <p>Issue QPR1-2: Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</p> | <p>i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication and cultural understanding.</p> | <p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. Contractor has appointed interpreters to serve on each of the four polders.</p> <p>ii. Contractor has hired a Bangladeshi sub-contractor.</p> | <p>Consider requiring communication as an explicit part of bid requirement for Package 03.</p> |
| <p>Issue QPR1-3: Procurement of Works Contractors by ICB has failed to attract broad international interest</p> | <p>i. For future packages, the Pre-Qualification criteria should be reviewed and possibly adjusted (for example, to better specify the meaning of experience in similar projects to include physical, logistic and complexity aspects relevant to the Bangladesh coastal zone) and past performance references should be checked.</p> <p>ii. Exceptionally low priced bids should be eliminated from consideration.</p> <p>iii. Consider the option of issuing bid packages of 2-3 polders each for the remaining works.</p> | <p>i. RESOLVED.</p> <p>ii. NOT RESOLVED.</p> <p>iii. RESOLVED.</p> <p>i. DDCS&PMSC have agreed to review for Package 3 works.</p> <p>ii. Pending, but may not be possible under procurement rules.</p> <p>iii. Discussed with World Bank and declined.</p> | <p>Needs to be reviewed for Package 3 works.</p> |

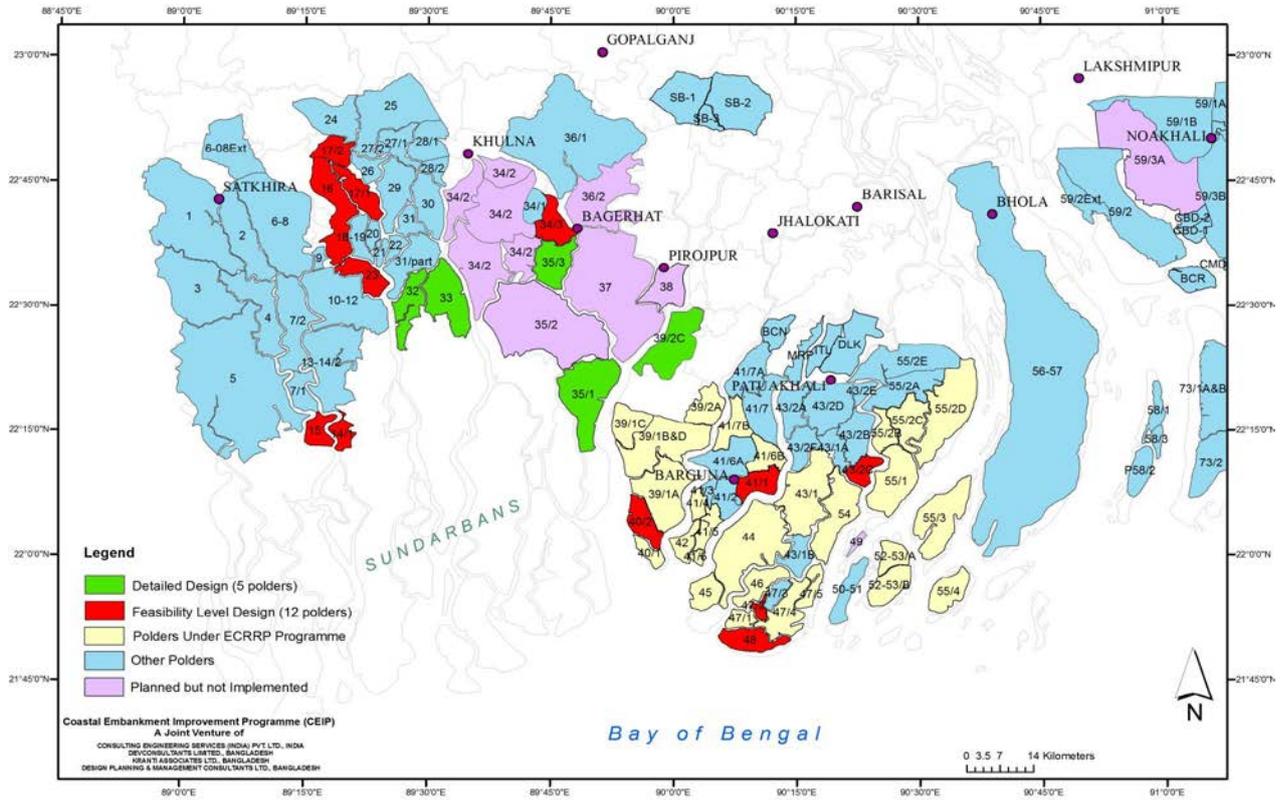
| Issues | Recommendation in brief | Status | Follow-up Actions |
|--|---|--|---|
| <p>Issue QPR1-4: LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor</p> <p>Flagged RED</p> | <p>i. Appointment of PAVC members must be completed quickly.</p> <p>ii. PAVC must finalize the compensation rates for various types of losses without delay.</p> <p>iii. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDSC&PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p> | <p>i. RESOLVED FOR PKG 01</p> <p>ii. RESOLVED FOR PKG 01</p> <p>iii. PARTIALLY RESOLVED</p> <p>i. PAVC appointed for Package 01 in December 2015.</p> <p>ii. Rates for various assets set by PAVC. Land valuations are finally done for Package 01.</p> <p>iii. M&E Consultant has requested the DDSC&PMSC for a detailed risk assessment approach. Accordingly, the Consultant has prepared a section-wise approach to construction planning. The DDSC&PMSC / KMC are to provide LA requirement details for each of the 11 construction BoQ works items separately so as to better assess risks.</p> | <p>PAVC members for Package 02 may be appointed without delay.</p> <p>System for tracking unencumbered sections by way of a calendar yet to be developed.</p> |
| <p>Issue QPR1-5: Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters</p> <p>Flagged RED</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>PARTIALLY RESOLVED</p> <p>Recruitment of some consultants programmed by PMU; Recruitment and procurement process is taking much time.</p> | <p>Balance of recruitment plan to be developed based on need by PMU in collaboration with M&E Consultants and DDSC&PMSC. TORs to be reviewed and updated.</p> |
| <p>Issue QPR1-6: The M&E Consultants will be required to expend additional resources given the need for multiple baselines and large sample required</p> | <p>The M&E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.</p> | <p>NOT RESOLVED</p> <p>A preliminary draft justification has been shared with PMU.</p> | <p>M&E Consultants to discuss the requirements with PMU.</p> |

| Issues | Recommendation in brief | Status | Follow-up Actions |
|---|--|---|---|
| <p>Issue QPR1-7:</p> <p>Reporting Formats of implementing partners do not consistently provide needed information</p> | <p>M&E Consultant will continue to work with the other consultants to develop a clear format for the reporting of all project inputs, processes and outputs.</p> | <p>PARTIALLY RESOLVED</p> <p>Being done continually.</p> <p>This issue has been repeated in QPR2 with some elaboration.</p> <p>DACS&PMSC have substantially improved their monthly progress report starting August 2016.</p> | <p>Follow-up to be continued.</p> <p>DACS&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 Personnel Working under the Project |
| Annex 4 | Budget and Disbursements |
| Annex 5 | Procurement Status and Plans |
| Annex 6 | Estimated Schedule for Vacating Settlements for Works Package 1 |
| Annex 7 | GAAP Report |
| Annex 8 | Key Performance Indicators and Targets as per PAD/DPP |
| Annex 9 | Issues from Prior Quarterly Reports |
| Annex 10 | List of DDCS&PMS Consultant Reports |

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 | Shymnagar | Satkhira | 3,441 | 2,925 | 30.78 | 5 | - | 40 | 4.00 | 31,788 |
| 3 | 16 | Paikgacha, Tala, Dumuria | Satkhira, 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 | 26 | 4.00 | 14,851 |
| 16 | 47/2 | Kalapara | Patuakhali | 2,065 | 1,850 | 17.55 | 3 | 6 | 30 | 4.25 | 5,411 |
| 17 | 48 | Kalapara | Patuakhali | 5,400 | 3,715 | 37.88 | 8 | 3 | 45 | 5.30 | 26,260 |
| | | | | 100,817 | 80,574 | 623.85 | 134 | 244 | 794 | | 762,960 |

Source: Project Appraisal Document 2013

Annex 3: Overview of Personnel Working under the Project

PMU Office Mobilization & Contact Numbers
PABX-9899320, 9899373
Fax: +88-02-9899325

PMU Staff

| Sl No. | Designation | Name of Persons | Mobile Number | First Mobilization Date | Status |
|--------|---|------------------------------|------------------------------|-------------------------|------------------------|
| 1 | Project Director | Mr. Md. Delwar Hossain | 01745-650854 | 09 Feb 16 | |
| | Project Director (former) | Mr. Md. Sarafat Hossain Khan | 01715-038519 | Nov 2013 | Promoted |
| 2 | Deputy Project Director | Vacant | | | Vacant |
| 3 | Project Manager/Executive Engineer | Mr. Musa Nurur Rahman | 01715-740505 | | Transferred; vacant |
| 4 | Project Manager/Executive Engineer | Mr. Md. Nojibor Rahman | 01711-134034 | | Transferred; vacant |
| 5 | Project Manager/Executive Engineer Khulna | Mr. Md. Abdul Hannan | 01712-101250 | | |
| 6 | Additional Director (Account) | Mr. Md. Kabir Ahmed | 01712-062333 | | |
| 7 | Deputy Director (Audit) | Vacant | | | Vacant |
| 8 | Sub Divisional Engineer | Mr. Md. Safiqul Islam Sheikh | 01734-601836 | | Promoted & Transferred |
| | Sub Divisional Engineer (fmr) | Mr. Md. Rezaul Karim | 01868-555198 | | Transferred |
| 9 | Sub Divisional Engineer | Mr. Md. Abdullah Al Mamun | 01727-002788 01715-145975 | | Promoted & Transferred |
| 10 | Sub Assistant Engineer | Mr. Biplob Kumar Gun | 01715-007621 | | Promoted & Transferred |
| 11 | Sub Assistant Engineer | Mr. Md. Kabirul Islam | 01711-943281 | | |
| 12 | Procurement Specialist | Mr. A.K.Md. Bodruddoza | 01749-044491 | | |
| 13 | Accountant | | | | |
| 14 | Accounts Assistant | | | | |
| 15 | Secretary | Ayesha Salam | 01816-365597 | | Resigned July 2016 |
| 16 | MLSS | Aminul Islam | 01688-288544 | | |
| 17 | Office Assistant | Shemul Islam | 01935-847173 | | |
| 18 | Cleaner | Md. Azad Ali | 01716-559334 | | |

Certain vacancies to be filled once the work commences in Package 02 and 03 include 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.

| Sl No. | Designation | Name of Persons | Mobile Number | First Mobilization Date | Status |
|--------|-------------|-----------------|---------------|-------------------------|--------|
|--------|-------------|-----------------|---------------|-------------------------|--------|

Individual Consultants to PMU

| | | | | | |
|----|--|-----------------------------|------------------------------|-----------|-----------------------|
| 1 | IPOE | Dr. Ainun Nishat | 04478-444093 01819-228245 | 23 Mar 15 | |
| 2 | Procurement Specialist | Mr. A.K.M Bodruddoza | 01718-666946 | 21 Nov 15 | |
| 3 | Procurement Panel Chairman (International 1) | Mr. Narayan Sharma | | 25 Nov 13 | |
| 4 | Procurement Panel Expert (International 2) | Mr. I.A Khan | | 13 Apr 13 | |
| 5 | Procurement Panel Expert (National) | Mr. Aminul Haque | 01966-464646 | 25 Nov 13 | |
| 6 | Sr. Revenue Specialist | Mr. M. A. Saleque | 01199-001112 | 12 Aug 14 | |
| 7 | Sr. Social Specialist | Mr. Hasanur Rahman | 01712-780176 | 02 Oct 14 | |
| 8 | Financial Management Spec. | Mr. Nasser Ahmed | 01924-274567 | 02 Mar 15 | Resigned 29 Feb 16 |
| 9 | Sr. Environmental Specialist | Dr. Ashadul Alam | 01747-215770 | 13 Apr 15 | |
| 10 | IPOE Panelists | Vacant | | | |

Manpower working under the Project

A. Project Management Unit (PMU)

A.1. In Head Office, Dhaka:

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | % of Utilization |
|----------------------|------------------|--------------------------|----------|------------------|--------------------|-----------------------|------------------------|------------------|
| Management Officials | | | | | | | | |
| 1 | Project Director | Md. Sarafat Hossain Khan | Dhaka | Nov 2013 | NA | NA | NA | NA |
| | | Md. Delwar Hossain | Dhaka | 09 Feb 2016 | NA | NA | NA | NA |
| Support Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Consultant | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

A.2. In Field offices:

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | % of Utilization |
|----------------------|----------|------|----------|------------------|--------------------|-----------------------|------------------------|------------------|
| Management Officials | | | | | | | | |
| | | | | | NA | NA | NA | NA |
| | | | | | NA | NA | NA | NA |
| Support Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Consultant | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

B. Design Supervision Consultant (DDCS&PMSC)

Manpower-utilization Status of the DDCS&PMSC up to 30 September 2016

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | This Qtr Cumulative % of Utilization | Prior Qtr Cumulative % of Utilization |
|------------------------------------|--------------------------------------|----------------------------|----------|------------------|--------------------|-----------------------|------------------------|--------------------------------------|---------------------------------------|
| Professional (Foreign) | | | | | | | | | |
| 1 | Team Leader | Jean Henry Laboyrie | | 21-Jan-15 | 45 | 18.3 | 26.7 | 41% | 36% |
| 2 | Design Engineer | Alec Sleigh | | | 12 | 1.1 | 10.9 | 9% | 9% |
| 3 | River Training Engineer | Bert te Slaa | | 21-Feb-15 | 3 | 3.0 | 0.0 | 100% | 100% |
| 4 | Sociologist/Resettlement Specialist | Dr. Salim Zaman | | | 4 | 4.0 | 0.0 | 100% | 100% |
| 5 | Quantity Surveyor-1 | Barbara Hellet | | | 6 | 1.2 | 4.8 | 20% | 20% |
| 6 | Construction Resident Engineer-1 | Trevor Morish Hale | | | 55 | | 55.0 | 0% | 0 |
| 7 | Construction Resident Engineer-2 | Gerard Pichel | | | 30 | 8.1 | 21.9 | 27% | 20% |
| 8 | Contract Management Specialist | Rob Brouwer | | | 4 | | 4.0 | 0% | 0 |
| 9 | Procurement Specialist | Barbara Hellet | | 21-Jan-15 | 4 | 2.7 | 1.3 | 66% | 66% |
| 10 | Environmental Specialist | Henk Blok | | | 8 | 1.0 | 7.0 | 13% | 6% |
| 11 | Sociologist/Resettlement Specialist | Roy Timmer/Dr. Salim Zaman | | | 8 | 3.4 | 4.6 | 43% | 15% |
| 12 | Geo-Technical Engineer | Joost van der Schrier | | | 4 | 3.0 | 1.0 | 74% | 65% |
| 13 | Morphological Modeler | Henrik Rene Jensen | | | 3 | 1.0 | 2.0 | 33% | 33% |
| 14 | Environmental Specialist | Anders Malgrem Hansen | | 18-Feb-15 | 4 | 1.7 | 2.3 | 41% | 33% |
| 15 | Estuary and River Morphology Modeler | Bo Brahtz Christensen | | | 1 | 1.0 | 0.0 | 100% | 100% |
| 16 | River and Coastal Expert | Ranjit Galappatti | | 22-Feb-15 | 3 | 3.0 | 0.0 | 100% | 100% |
| Sub Total [Professional (Foreign)] | | | | | 194 | 52.5 | 141.5 | 27% | 19% |

Note : Travel day include in man-month

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | This Qtr Cumulative % of Utilization | Prior Qtr Cumulative % of Utilization |
|----------------------|---|-----------------------------------|----------|-----------------------|--------------------|-----------------------|------------------------|--------------------------------------|---------------------------------------|
| Professional (Local) | | | | | | | | | |
| 1 | Deputy Team Leader | Md. Habibur Rahman | | 21-Jan-15 | 60 | 20.1 | 39.9 | 34% | 29% |
| 2 | Deputy Resident Engineer-1 | Mazibur Rahman Khan | | | 60 | 12.1 | 47.9 | 20% | 16% |
| 3 | Deputy Resident Engineer-2 | Md. Gulzer Hossain | | | 60 | 17.8 | 42.2 | 30% | 25% |
| 4 | Design Engineer | Md. Anwar Hossain Bhuiyan | | 02-Feb-15 | 16 | 17.3 | -1.3 | 108% | 93% |
| 5 | Geo-Technical Engineer | Md. Nurul Islam | | | 6 | | 6.0 | 0% | 0% |
| 6 | Re-settlement Specialist/ Sociologist | Md. Khairul Matin, M. A. Latif | | 2015 and 17 Jan 16 | 60 | 6.2 | 53.8 | 10% | 7% |
| 7 | Design Engineer | Mr. Mahbubur Rahman | | 02-Feb-15 | 16 | 15.7 | 0.3 | 98% | 90% |
| 8 | Environmentalist | Sheikh Muhammad Abdur Rashid | | 22-Feb-15 | 6 | 3.0 | 3.0 | 50% | 42% |
| 9 | Sociologist/Resettlement Specialist | Md. Ferdous Rahman | | 22-Feb-15 | 20 | 17.6 | 2.4 | 88% | 74% |
| 10 | Geographical Information System Expert | Md. Monirul Haque | | | 6 | 3.4 | 2.6 | 56% | 53% |
| 11 | Procurement Specialist | Md. Humayun Kabir | | | 18 | 3.0 | 15.0 | 17% | 17% |
| 12 | Senior Estimator-1 | Md. Humayun Kabir | | | 10 | 8.7 | 1.3 | 87% | 60% |
| 13 | Senior Estimator-2 | Md. Nazrul Islam | | | 18 ¹² | 13.5 | 4.5 | 75% | 111% |
| 14 | Survey Engineer-1 | Pankaj Kumar Moitra | | 18-Feb-15 | 18 | 13.9 | 4.1 | 77% | 68% |
| 15 | Survey Engineer-2 | Md. Amirul Islam | | | 18 | 1.5 | 16.5 | 8% | 7% |
| 16 | Survey Engineer-3 | ABM Anwar Haidar | | 18-Feb-15 | 18 | 13.4 | 4.6 | 74% | 67% |
| 17 | Junior Design Engineer-1 | Ms. Selina Akhter | | | 4 | 4.0 | 0.0 | 100% | 100% |
| 18 | Junior Design Engineer-2 | Ms. Shaikh Naureen Laila | | | 4 | 9.1 | -5.1 | 227% | 163% |
| 19 | Auto CAD Specialist-1 | Ms. Marjan Mallik | | | 12 | 15.6 | -3.6 | 130% | 108% |

¹² Person-months increased from 10 to 18 since last report.

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | This Qtr Cumulative % of Utilization | Prior Qtr Cumulative % of Utilization |
|-----|--|--|----------|------------------------|--------------------|-----------------------|------------------------|--------------------------------------|---------------------------------------|
| 20 | Auto CAD Specialist-2 | Biprojit Paul | | | 12 | 8.7 | 3.3 | 73% | 63% |
| 21 | River and Coastal Expert | Md.Zahirul Haque Khan | | 02-Feb-15 | 12 | 5.5 | 6.5 | 46% | 40% |
| 22 | Construction Supervision Engineer-1 | Md. Mukhlesur Rahman | | | 60 | 10.6 | 49.4 | 18% | 13% |
| 23 | Construction Supervision Engineer-2 | Shyamal Kumar Dutta | | | 60 | 10.7 | 49.3 | 18% | 13% |
| 24 | Construction Supervision Engineer-3 | SK Golam Quader | | | 30 | 10.7 | 19.3 | 36% | 26% |
| 25 | Construction Supervision Engineer-4 | Abdul Jalil | | | 30 | | 30.0 | 0% | 0% |
| 26 | Quality Control Specialist-1 | Md. Abdur Razzaque Khan | | | 60 | 11.1 | 48.9 | 18% | 19% |
| 27 | Quality Control Specialist-2 | Md. Sekendar Ali | | | 60 | 6.8 | 53.2 | 11% | 9% |
| 28 | Procurement / Contract Management Specialist | Md. Tafazzal Ali | | | 18 | 5.2 | 12.8 | 29% | 29% |
| 29 | Environmental Specialist | Dr. Quazi Alamgir Kabir Mr. Abu Bakr Siddique | | 10-Feb-15 June 2016 | 35 | 7.3 | 27.7 | 21% | 16% |
| 30 | Resettlement Specialist/Sociologist | Md. Mustafizur Rahman | | 01-Mar-15 | 20 | 13.7 | 6.3 | 69% | 57% |
| 31 | Land Acquisition Officer | Benu Gopal Dey | | | 18 | 11.3 | 6.7 | 63% | 46% |
| 32 | Geo-Technical and Foundation Specialist | Mizanur Rahman | | | 4 | | 4.0 | 0% | 0% |
| 33 | Mechanical Engineer-1 | Monojit Kumar Bagchi | | | 12 | | 12.0 | 0% | 0% |
| 34 | Mechanical Engineer-2 | Md. Rashidul Islam | | | 12 | 9.1 | 2.9 | 76% | 67% |
| 35 | Agronomist | Dr. Santosh Kumer Sarker | | 15-Feb-15 | 10 | 7.8 | 2.2 | 78% | 78% |
| 36 | Fisheries Expert | Md. Mokammel Hossain | | 15-Feb-15 | 10 | 6.7 | 3.3 | 67% | 52% |
| 37 | Economist | Md. Aminul Islam | | 02-Feb-15 | 10 | | 10.0 | 0% | 0% |
| | Sub Total [Professional (Local)] | | | | 903 | 321.2 | 581.8 | 36% | 30% |
| | | Total | | | 1097 | 373.7 | 723.3 | 34% | 28% |

B.1. Manpower-utilization Status of CEGIS, a sub-Consultant of the DDCS&PMSC

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | % of Utilization |
|---------------|----------|------|----------|------------------|--------------------|-----------------------|------------------------|------------------|
| Key Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Non Key Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

B.2. Manpower-utilization Status of KMC, a sub-Consultant of the DDCS&PMSC

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized Person-Month | Remaining Person-Month | % of Utilization |
|---------------|----------|------|----------|------------------|--------------------|-----------------------|------------------------|------------------|
| Key Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Non Key Staff | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

C. Third Party Monitoring and Evaluation Consultant (M&E Consultant)

| Sl. | Position | Name | Location | 1st Mobilization | Total Person-Month | Utilized PM This Quarter | Cumulative PM Utilized | Remaining Person-Month | This Qtr Cumulative % of Utilization | Prior Qtr Cumulative % of Utilization |
|-------------------------|---|---------------------------|----------|------------------|--------------------|--------------------------|------------------------|------------------------|--------------------------------------|---------------------------------------|
| International Key Staff | | | | | | | | | | |
| K-1&K-5 | Team Leader cum Economist | Jan T. Twarowski | Dhaka | 01-Nov-15 | 25 | 2.05 | 8.41 | 16.59 | 33.6% | 25.4% |
| K-4A | M&E Specialist (Water Resources Engineer) | Michael Dembinski | Dhaka | 01-Nov-15 | 8 | 0.00 | 3.09 | 4.91 | 38.6% | 38.6% |
| K-6 | Environmental Specialist | Abu Murshid | Dhaka | 10-Nov-15 | 9 | 0.00 | 1.18 | 7.82 | 13.1% | 13.1% |
| K-8 | Social Safeguards Specialist | Mike Tyson-Taylor | Dhaka | 02-Dec-15 | 10 | 0.50 | 1.50 | 8.50 | 15.0% | 10.0% |
| National Key Staff | | | | | | | | | | |
| K-2 | DTL/GIS Info Management Spec. | Md. Mahidur Rahman Khan | Dhaka | 20-Dec-15 | 30 | 1.77 | 6.27 | 23.73 | 20.9% | 15.0% |
| K-3 | Agric'l Economist/M&E Specialist | ABM Murshed Alam Siddiqui | Dhaka | 02-Nov-15 | 18 | 0.32 | 5.18 | 12.82 | 28.8% | 27.0% |
| K-7 | Environmental Specialist | AKM Mizanur Rahaman | Dhaka | 02-Nov-15 | 18 | 0.00 | 1.59 | 16.41 | 8.8% | 8.8% |
| K-9 | Social Safeguards Specialist | Md. Mizanur Rahman | Dhaka | 02-Nov-15 | 18 | 1.95 | 7.45 | 10.55 | 41.4% | 30.6% |
| K-10 | Information Management Spec. | Md. Badiuzzaman | Dhaka | 03-Jan-16 | 18 | 1.06 | 4.70 | 13.30 | 26.1% | 20.2% |
| K-4B | Water Resources Engineer | H.S. Mozaddad Faruque | Dhaka | 02-Nov-15 | 10 | 0.00 | 2.86 | 7.14 | 28.6% | 29.1% |
| National Non-Key Staff | | | | | | | | | | |
| N-1 | Field Data Collector 1 | Md. Surruzzaman | Dhaka | | 22 | 0.00 | 0.00 | 22.00 | 0.0% | 0.0% |
| N-2 | Field Data Collector 2 | Md. Babul Haider | Dhaka | | 22 | 0.00 | 0.00 | 22.00 | 0.0% | 0.0% |
| N-3 | Data and Info Analyst 1 | Azizul Haque Kabul | Dhaka | Jan 2016 | 40 | 2.60 | 8.80 | 31.20 | 22.0% | 15.5% |
| N-4 | Data and Info Analyst 1 | Md. Soukat Osman | Dhaka | | 13 | 0.00 | 0.00 | 13.00 | 0.0% | 0.0% |
| Support Staff | | | | | | | | | | |
| | Office Manager / Accountant (1) | Jahangir Alam | Dhaka | 02-Nov-15 | 60 | 3.00 | 10.97 | 49.03 | 18.3% | 13.3% |
| | Office Secretary (1) | Ms. Marfatun (Moly) | Dhaka | 15-Nov-15 | 60 | 3.00 | 10.53 | 49.47 | 17.6% | 12.6% |
| | Computer Operator (1) | Hridoy | Dhaka | 01-Dec-15 | 60 | 3.00 | 10.00 | 50.00 | 16.7% | 11.7% |
| | Guard (1) | | Dhaka | | 60 | 3.00 | 10.00 | 50.00 | 16.7% | 11.7% |
| | Tea Boy (2) | | Dhaka | | 2x60=120 | 6.00 | 20.53 | 99.47 | 17.1% | 12.1% |

Annex 4 Project Input: Budget and Disbursements

Annex 4.1: Financial Progress (Expenditures) – Capital Component (Lakh Taka) 3rd Quarter FY 2015-2016 (Jan-Mar 2016)

All BDT in Lakh Taka ("00,000)

| Major items of action | Total Project | | Planned for the current FY | Progress | | | | | | | Achieved (%) against | |
|--|-------------------|--------------------|----------------------------|--------------------------|-----------------|----------|----------|----------|-----------------|-------------------------|----------------------|----------------|
| | | | | Cumulative up to Last FY | Q-1 Jul-Aug | Q-2 | Q-3 | Q-4 | Current FY | Cumulative up to this Q | Year's Plan | Project Target |
| | BDT | US\$ | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % |
| 1. Acquisition of Assets | | | | | | | | | | | | |
| 2. Equipment and goods under Comp. B, C, D (6800) | 1,545.30 | 1,956,076 | 450.00 | 702.83 | | | | | - | 702.83 | - | 45.48% |
| 3. Afforestation | 3,280.00 | 4,151,899 | | | | | | | - | - | - | - |
| 4. Acquisition/Purchase of Land | | - | | | | | | | | | | |
| 4.a Acquisition of Land (544.16 ha) | 8,852.40 | 11,205,570 | 6,000.00 | 2,806.25 | | | | | - | 2,806.25 | - | 31.70% |
| 5. Works Contract Packages 1 to 3 | | - | | | | | | | | | | |
| 5.a General Mobilization | 4,318.10 | 5,465,949 | 27,950.00 | | 1,672.72 | | | | 1,672.72 | 1,672.72 | 5.98% | 38.74% |
| 5.b Construction/Re-sectioning of Embankments (624.80 km) | 53,482.10 | 67,698,861 | | | | | | | - | - | - | - |
| 5.c Excavation/Re-excavation of Drainage Channel (485.29 km) | 6,047.36 | 7,654,886 | | | | | | | - | - | - | - |
| 5.d Construction of Drainage Sluice (124 nos.) | 34,948.43 | 44,238,519 | | | | | | | - | - | - | - |
| 5.e Repairing of Drainage Sluice (14nos) | 590.54 | 747,519 | | | | | | | - | - | - | - |
| 5.f Construction of Flushing Inlet (158 nos) | 19,894.48 | 25,182,886 | | | | | | | - | - | - | - |
| 5.g Repairing of Flushing Inlet (52nos.) | 1,373.04 | 1,738,025 | | | | | | | - | - | - | - |
| 5.h Embankment Slope protection works (52.90 km) | 38,538.74 | 48,783,215 | | | | | | | - | - | - | - |
| 5.i River Bank Protection works (22.1 km) | 45,781.55 | 57,951,329 | | | | | | | - | - | - | - |
| 5.j Dismantling of Road/Structure | 4,839.72 | 6,126,228 | | | | | | | - | - | - | - |
| 5.k Closure (9 nos.) | 3,197.16 | 4,047,038 | | | | | | | - | - | - | - |
| 5.l Day Work | 648.70 | 821,139 | | | | | | | - | - | - | - |
| 5.m EMP (Works) | 2,003.00 | 2,535,443 | | | | | | | - | - | - | - |
| 5.n Miscellaneous | 2,312.29 | 2,926,949 | | 6,662.09 | | | | | - | 6,662.09 | - | 288.12% |
| CD & SD | 2,815.00 | 3,563,291 | | | | | | | - | - | - | - |
| Sub-total Capital Component | 234,467.91 | 296,794,822 | 34,400.00 | 10,171.17 | 1,672.72 | - | - | - | 1,672.72 | 11,843.89 | 4.86% | 5.05% |

Source: IMED-05 report (August 2016) of CEIP-1 for 1st Quarter of FY 2016-17 [July-August 2016]

Annex 4.2 Financial Progress (Expenditures) – Revenue Component of 1st Quarter of FY 2016-2017 (Jul-Sep 2016)

All BDT in Lakh Taka ("00,000")

| Major items of action | Total Project | | Planned for the current FY | Progress | | | | | | | | Achieved (%) against | | Remarks | |
|-----------------------|--|------------------|----------------------------|--------------------------|-----------------|-------------|----------|----------|------------|-------------------------|-----------------|----------------------|---------------|---------|-------------------------------------|
| | | | | Cumulative up to Last FY | Q-1 Jul-Aug | Q-2 | Q-3 | Q-4 | Current FY | Cumulative up to this Q | Year's Plan | Project Target | | | |
| | | | | | | | | | | | | | BDT | | BDT |
| | BDT | US\$ | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % | | |
| 1. | Implementation of SAP and EMP | | | | | | | | | | | | | | |
| 1.a | Resettlement / Compensation Payments other than Land Acquisition | 26,918.60 | 34,074,177 | 4,500.00 | 2,000.00 | | | | | | - | 2,000.00 | - | 7.43% | Package-1 RAP done |
| 1.b | Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. WMOs) | 1,987.21 | 2,515,456 | 300.00 | | | | | | | - | - | - | - | Not yet mobilized |
| 2. | Construction Supervision, M&E, Delta Monitoring | | | | | | | | | | | | | | |
| 2.a | Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 13,659.28 | 17,290,228 | 3,188.06 | 3,365.92 | | | | | | - | 3,365.92 | - | 24.64% | Consultant mobilized on 23 Jan 2015 |
| 2.b | Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP | 2,609.09 | 3,302,646 | 1,000.00 | 398.75 | - | | | | | - | 398.75 | - | 15.28% | Mobilized on 1 Nov 2015 |
| 2.c | Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone | 6,709.09 | 8,492,519 | 800.00 | | | | | | | - | - | - | - | Not yet mobilized |
| 3. | Project Management, TA, Training, Strategic Studies | | | | | | | | | | | | | | |
| 3.a | Project management support and audits | 11,507.99 | 14,567,076 | 685.70 | 1,209.39 | 7.68 | | | | | 7.68 | 1,217.07 | 1.12% | 10.58% | Several audits conducted. |
| 3.b | Consultancy Services for Institutional Capacity building,TA and training to BWDB personnel | 745.45 | 943,608 | | | | | | | | - | - | - | - | Not yet mobilized |
| 3.c | Consultancy Services for Feasibility studies and preparation of design for following Phases CEIP | 4,323.64 | 5,472,962 | | | | | | | | - | - | - | - | Not yet mobilized |
| 4. | Overseas Training | 745.45 | 943,608 | 124.24 | 203.19 | | | | | | - | 203.19 | - | 27.26% | |
| 5. | Honorarium /Fees/ Remuneration | 30.00 | 37,975 | 2.00 | 3.39 | | | | | | - | 3.39 | - | 11.30% | |
| | Sub-total Revenue Component | 69,235.80 | 87,640,255 | 10,600.00 | 7,180.64 | 7.68 | - | - | - | 7.68 | 7,188.32 | 0.07% | 10.38% | | |

Source: IMED-05 report (August 2016) of CEIP-1 for 1st Quarter of FY 2016-17 [Jul-Sep 2016]

Annex 4.3 Financial Progress (Expenditures/Disbursements) – Capital Component (Lakh Taka) - Planned 2016-2017

| | Major items of action | Total Project | | Planned for the current year | | | | | Progress | | | Achieved (%) | |
|---------------------------------------|--|---------------|---------------|------------------------------|--------|--------|--------|--------|-------------------|-----------|-------------------|--------------|----------------|
| | | | | Current year | Q-1 | Q-2 | Q-3 | Q-4 | Cum End of Last-Q | Current Q | Cum End of this-Q | Year's Plan | Project Target |
| | | L- BDT | \$ | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | % | % |
| Acquisition of Assets | | | | | | | | | | | | | |
| | Equipment and goods under Comp. B, C, D | 1,545.30 | 1,956,075.95 | | | | | | | | | | |
| | Afforestation | 3,280.00 | 4,151,898.73 | | | | | | | | | | |
| Acquisition/Purchase of Land | | | | | | | | | | | | | |
| | Acquisition of Land (544.16 ha) | 8,852.40 | 11,205,569.62 | | | | | | | | | | |
| Works Contract Packages 1 to 3 | | | | | | | | | | | | | |
| 1 | General Mobilization | 4,318.10 | 5,465,949.37 | | | | | | | | | | |
| 2 | Construction/Re-sectioning of Embankments (624.80 km) | 53,482.10 | 67,698,860.76 | | | | | | | | | | |
| 3 | Excavation/Re-excavation of Drainage Channel (485.29 km) | 6,047.36 | 7,654,886.08 | | | | | | | | | | |
| 4 | Construction of Drainage Sluice (124 nos.) | 34,948.43 | 44,238,518.99 | | | | | | | | | | |
| 5 | Repairing of Drainage Sluice (14 nos) | 590.54 | 747,518.99 | | | | | | | | | | |
| 6 | Construction of Flushing Inlet (158 nos) | 19,894.48 | 25,182,886.08 | | | | | | | | | | |
| 7 | Repairing of Flushing Inlet (52 nos.) | 1,373.04 | 1,738,025.32 | | | | | | | | | | |
| 8 | Embankment Slope protection works (52.90 km) | 38,538.74 | 48,783,215.19 | | | | | | | | | | |

| | Major items of action | Total Project | | Planned for the current year | | | | | Progress | | | Achieved (%) | |
|----|---------------------------------------|---------------|----------------|------------------------------|--------|--------|--------|--------|-------------------|-----------|-------------------|--------------|----------------|
| | | | | Current year | Q-1 | Q-2 | Q-3 | Q-4 | Cum End of Last-Q | Current Q | Cum End of this-Q | Year's Plan | Project Target |
| | | L- BDT | \$ | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | L- BDT | % | % |
| 9 | River Bank Protection works (22.1 km) | 45,781.55 | 57,951,329.11 | | | | | | | | | | |
| 10 | Dismantling of Road/Structure | 4,839.72 | 6,126,227.85 | | | | | | | | | | |
| 11 | Closure (9 nos.) | 3,197.16 | 4,047,037.97 | | | | | | | | | | |
| 12 | Day Work | 648.70 | 821,139.24 | | | | | | | | | | |
| 13 | EMP (Works) | 2,003.00 | 2,535,443.04 | | | | | | | | | | |
| | Miscellaneous | 2,312.29 | 2,926,949.37 | | | | | | | | | | |
| | CD & SD | 2,815.00 | 3,563,291.14 | | | | | | | | | | |
| | Sub-total Capital Component | 234,467.91 | 296,794,822.78 | | | | | | | | | | |

Annex 4.4 Financial Progress (Expenditures) – Revenue Component (Lakh Taka) - Planned FY 2016-2017

| Major items of action | Total Project | Planned for the current year | | | | | Progress | | | Achieved (%) | | Remarks |
|---|---------------|------------------------------|-----|-----|-----|-----|-------------------------|-----------------|-------------------------|--------------|----------------|---------|
| | | Current year | Q-1 | Q-2 | Q-3 | Q-4 | Cum End of Last Quarter | Current Quarter | Cum End of this Quarter | Year's Plan | Project Target | |
| | | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % | |
| 1. Implementation of SAP and EMP | | | | | | | | | | | | |
| Resettlement / Compensation Payments other than Land Acquisition | 26,918.60 | 2,500.00 | | | | | | | | | | |
| Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. setting up WMOs) | 1,987.21 | 200.00 | | | | | | | | | | |
| 2. Construction Supervision, M&E, Delta Monitoring | | | | | | | | | | | | |
| a. Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1 | 13,659.28 | 3,025.00 | | | | | | | | | | |
| b. Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP | 2,609.09 | 260.00 | | | | | | | | | | |
| c. Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone | 6,709.09 | 382.00 | | | | | | | | | | |

| Major items of action | Total Project | Planned for the current year | | | | | Progress | | | Achieved (%) | | Remarks |
|--|---------------|------------------------------|-----|-----|-----|-----|-------------------------|-----------------|-------------------------|--------------|----------------|---------|
| | | Current year | Q-1 | Q-2 | Q-3 | Q-4 | Cum End of Last Quarter | Current Quarter | Cum End of this Quarter | Year's Plan | Project Target | |
| | | BDT | BDT | BDT | BDT | BDT | BDT | BDT | BDT | % | % | |
| 3. Project Management, TA, Training, Strategic Studies | | | | | | | | | | | | |
| a. Project management support and audits | 11,507.99 | 1,000.00 | | | | | | | | | | |
| b. Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel | 745.45 | 0.00 | | | | | 0 | | | | | |
| c. Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP | 4,323.64 | 0.00 | | | | | 0 | | | | | |
| 4. Overseas Training | 745.45 | 125.00 | | | | | | | | | | |
| 5. Honorarium /Fees/Remuneration | 30.00 | 8.00 | | | | | | | | | | |
| Sub-total Revenue Component | 69,235.81 | 7,500.00 | | | | | | | | | | |

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 for Firms and Individual Consultants (IC).

Consulting Service through Firm: Out of 6, two were contracted out, procurement for two packages is initiated and the remaining two are yet to start. Detailed procurement process statistics are shown in the Tables 5.1a.

Recruitment of Individual Consultant (IC): Out of the 19 Individual Consultants planned to be recruited, 9 were recruited of which 1 (Financial Management Specialist) resigned. Recruitment of 2 Nos. IC (including FMS) are in process. The remaining 10 ICs will be recruited in course of time. Detailed procurement process statistics are shown in the Table 5.1b.

Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 30 September 2016

| SI | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | |
|--|--|--|---|-------------------|---|-------------------|--|-----------------|---|-----------------|---|-----------------|
| Description of Services | 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-1-5-SBC-CF-CEIP-1/A2 & B1/S01 | | 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 | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | |
| Method: | QBS (Quality Based Selection) | | QBS (Quality Based Selection) | | QBS (Quality Based Selection) | | QBS (Quality Based Selection) | | QBS (Quality Based Selection) | | QBS (Quality Based Selection) | |
| Estimated / Actual Amount in US\$ | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| | 2,547,705 | | 17,182,672 | | 3,343,530 | | 8,602,564 | | 909,000 | | 5,273,000 | |
| Preparation of ToR | | 09-Jun-14 | | ToR was finalized | | ToR was finalized | | 01-Jan-15 | | Not yet started | | Not yet started |
| NOL on ToR | | 21-Sep-14 | | | | | | | | | | |
| Advertisement of EoI | | 30-Sep-14 | | 19-Jul-13 | | 19-Jul-13 | | 05-May-15 | | NA | | NA |
| Receipt of REoI | | 13-Nov-14; interest re-confirmed June 2016 | | 22-Aug-13 | | 22-Aug-13 | | 22-Jun-15 | | NA | | NA |
| Evaluation of REoI | | Going on | | 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 | | 05-Aug-15 | | 05-Aug-16 | |
| 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 | | 19-Aug-15 | | 19-Aug-16 | |
| Issuance of RFP | 14-Oct-14 | | 27-Feb-14 | 19-Feb-14 | 27-Feb-14 | 26-Feb-14 | 30-Nov-14 | 19-Nov-15 | 26-Aug-15 | NA | 26-Aug-16 | NA |
| Deadline for proposals & Bid Opening | 20-Oct-14 | | 17-Apr-14 | 17-Apr-14 | 12-May-14 | 08-May-14 | 29-Jan-15 | 28-Dec-15 | 07-Oct-15 | | 07-Oct-16 | |
| Technical Evaluation | 24-Nov-14 | | 19-May-14 | Evaluation done | 30-Jun-14 | Evaluation done | 31-Mar-15 | 31-Dec-15 | 11-Nov-15 | NA | 11-Nov-16 | NA |
| Technical Evaluation Report submitted to WB | | | | | | | | | | | | |
| No Objection to Technical Evaluation | 08-Dec-14 | | 09-Jun-14 | Done | 21-Jul-14 | | 30-Apr-15 | 03-Mar-16 | 25-Nov-15 | | 25-Nov-16 | |
| Financial proposal opening | | | | Aug 2015 | | 05-Apr-15 | | 17-Apr-16 | | | | |
| Financial evaluation and combined Tech/Fin evaluation report completed | | | | NA | | NA | | | | | | |

Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 30 September 2016

| SI | 1 | 2 | 3 | 4 | 5 | 6 |
|---|--|--|---|---|--|---|
| Combined Evaluation Report submitted to WB | | | NA | | NA | |
| WB gives NOL on combined evaluation | | | NA | | NA | |
| Final Evaluation and Negotiation | 19-Jan-15 | 07-Jul-14 | | 25-Aug-14 | | 28-May-15 |
| Negotiation Completed | | | 21-Aug-14 | | 09-Apr-15 | Ongoing |
| Negotiated draft contract sent to WB | | | 31-Aug-14 | | 19-Apr-15 | |
| WB gives NOL on draft contract | 02-Feb-15 | 28-Jul-14 | 30-Sep-14 | 15-Sep-14 | 28-Apr-15 | 22-Jun-15 |
| GOB Purchasing Committee (CCGP) approval | | | | | 27-Aug-15 | |
| Contract Signature Date | 09-Mar-15 | 18-Aug-14 | 30-Dec-14 | 27-Oct-14 | 01-Oct-15 | 08-Sep-15 |
| Total days of Process (Bid Opening to Contract Signature Date) | 140 | 123 | 257 | 168 | 511 | 222 |
| Commencement of Services | | | 21-Jan-15 | | 01-Nov-15 | |
| End of Contract (Completed) | 07-Mar-21 | 30-Jun-20 | | 30-Jun-20 | | 30-May-20 |
| Remarks | <p>70 Nos. EoI proposals were received on 13 Nov 2014. Implementation of this Package was deferred as no works in the field had yet been taken up as planned for.</p> <p>As per decision of discussion meeting on 10 May 2016 with WB Task Team, all the NGOs were requested whether they were still interested for the services. The interested NGOs submitted the consent letters to the PMU. The assessment for short listing is going on. It is expected that the contract for the consultancy service for the community mobilization and forestry will be signed by the end of February 2017.</p> | <p>Negotiation meeting with 1st ranked Consulting Firm was concluded and minutes were signed on 21 Aug 2015. Draft contract and Financial Evaluation Report was sent to WB on 31 August. NoL received on 30 Sept 2014 and Contract was signed on 30 Dec, 2014. Consultants mobilized on 21-Jan-2015.</p> | <p>Negotiation meeting with 1st ranked Consulting Firm was concluded on 09 April, 2015. Draft contract and Financial Evaluation Report was sent to WB on 19 April 2015. NoL received on 28 April and Purchase Proposal was approved by CCGP on 27 August 2015. Contract was signed on 01 Oct, 2015. Consultants mobilized on 01 Nov 2015.</p> | <p>NOL on Evaluation of Technical Proposal received on 03 March 2016. Financial Proposal of 1st ranked Firm opened on 17 April 2016. Financial Negotiation meetings were carried out from 17-21 April 2016. It was not possible to conclude the negotiations, inter alia, due to incomplete /unclear documentation and also the cost of the consultancy was excessively high (more than twice of the budget). As agreed, Consultant submitted revised Financial Proposal on 25 May 2016. The revised cost (USD 11.712 million) is still far above the budget (USD 8.50 million). The Procurement Panel reviewing the revised proposal asked further clarifications. The firm responding to the further clarifications of PP, submitted 2nd revision on 16 June 2016 making a slight reduction in its total cost to US\$ 11.68 million. The Procurement Panel has asked for and received additional information in October 2016 and is reviewing it now.</p> | <p>Will be floated closer to when the services are expected to be required (perhaps end-2016).</p> <p>Need assistance of M&E Consultants in preparation of the ToR</p> | <p>Will be floated closer to when the services are expected to be required (perhaps end-2016). ToR needs to be updated.</p> <p>Need assistance of DDSC Consultants in preparation of the ToR.</p> |

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2016

1/4

| 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 | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 1,104,590 | | 1,104,590 | | 225,641 | | 384,295 | | 247,000 | |
| Preparation of ToR | | Both ToR & EoI Finalized | | Both ToR & EoI Finalized | | ToR Finalized | | ToR & REoI Finalized | | Fresh REoI Finalized |
| NOL to the TOR | 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 |
| Receipt of REoI | | 25-Aug-13 | | 29-Aug-13 | | Only CVs were collected | | 20-Aug-13 | | 01-Dec-14 |
| 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 |
| Shortlist submitted to WB | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | | | |
| Negotiation | | | | | | | | | | |
| Negotiated draft contract to WB | | | | | | | | | | |
| WB gives NOL- draft contract | | | | | | | | | | |
| Contract Signature Date | 31-Dec-13 | 25-Nov-13 | 30-Jan-14 | 05-Mar-14; 13-Apr-15 | 31-Dec-13 | 25-Nov-13 | 31-Dec-13 | 21-Nov-13 | 29-May-14 | 02-Mar-15 |
| Total days of Process (Receipt of EOI to Contract Signing) | | 92 | | 188 | | | | 93 | | 91 |
| End Date of Activity | 30-Oct.-16 | To expire | 31-Mar-18 | | ¹³ 30-June-18 | | 31-Oct-16 | To expire | 30-Jun-17 | |
| Remarks | Contract Agreement between BWDB and Mr. Narayan D. Sharma was signed on 25 Nov, 2013. Contract Agreement was sent to WB. Panel member is now on board. Contract under execution. | | 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. Panel member is now on board. Contract under execution. | | Contract Agreement between BWDB and Mr. M. Aminul Haque was signed on 25 Nov, 2013. Contract Agreement was sent to WB. Panel member is now on board. Allotted 300 days input of Mr. Haque been consumed in October 2015. Fresh contract for 200 days input was signed 14 June 16. | | Contract Agreement between BWDB and Mr. A.K.M. Bodruddoza was signed on 21 Nov, 2013. Contract Agreement was sent to WB. The procurement specialist is now on board. Contract under execution, but due to expire 31 Oct 2016. | | Contract Agreement between BWDB and Mr. Md. Nasser Ahmed was signed on 02 March, 2015. The FMS submitted his resignation letter on 02 February 2016 with 28 days' notice. Fresh REoI received on 14 April 2016. Evaluation going on. | |

¹³ As per fresh contract signed on 14 June 2016

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2016

| | | |
|--|--|--------------------------|
| SI No | 5 (Replacement) | |
| Description of Services | Individual Consultant as Financial Management Specialist (National) | |
| Package No | CEIP-1/ D1/S09 | |
| Reference # | CEIP-1-27-IC-CI-CEIP-1/D1/S09 | |
| Location / District | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | |
| Method: | IC | |
| Estimated / Actual | Estimated | Actual |
| Amount in US\$ | 247,000 | |
| Preparation of ToR | | Fresh REol Finalized |
| NOL to the TOR | 31-Dec-13 | 11-Dec-13 |
| Advertisement of Eol | | 03-Nov-14 |
| Receipt of REol | | March 2016 CVs solicited |
| Evaluation of REol | 31 Jul 16 | Ongoing |
| Shortlist submitted to WB | | |
| Shortlist gets WB NOL | | |
| Combined Evaluation Report submitted to WB | | |
| WB gives NOL on combined evaluation | | |
| Negotiation | | |
| Negotiated draft contract to WB | | |
| WB gives NOL- draft contract | 15 Sep 16 | |
| Contract Signature Date | 30 Sep 16 | |
| Total days of Process (Receipt of EOI to Contract Signing) | | |
| End Date of Activity | | |
| Remarks | Contract Agreement between BWDB and Mr. Md. Nasser Ahmed was signed on 02 March, 2015. The FMS submitted his resignation letter on 02 February 2016 with 28 days' notice. Fresh REol received on 14 April 2016. Evaluation going on. | |

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2016 2/4

| SI No | 6 | | 7 | | 8 | | 9 | | 10 | |
|--|--|-------------------------------|--|-------------------------------|--|-----------------------------------|---|-------------------------|--|-------------------------------|
| 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) | | Individual Consultant as Senior Revenue Officer (PMU/Dhaka) | |
| Package No | CEIP-1/ D1/S10 | | CEIP-1/ D1/S11 | | CEIP-1/D1/S12 | | CEIP-1/ D1/S13 | | CEIP-1/ D1/S14 | |
| 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 | | CEIP-1-32-IC-CI-CEIP-1/D1/S14 | |
| Location / District | Dhaka | | Dhaka | | Dhaka | | Dhaka | | Khulna | |
| 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 Amount in US\$ | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Preparation of ToR | | ToR & REOI finalized | | ToR & REOI finalized | | ToR prepared and almost finalized | | ToR & REOI finalized | | ToR prepared and finalized |
| NOL to the TOR | 24-Jun-14 | | 29-Apr-14 | 15-Apr-14 | 29-Dec-15 | | 17-Aug-14 | | 23-Dec-13 | 22-Dec-13 |
| Advertisement of EoI | | 21-Oct-14 | | 21-Apr-14 | | NA | | 23-Nov-14 | | 30-Dec-13 |
| Receipt of REoI | | 18-Nov-14 | | 15-May-14 | | NA | | 15-May-15; 24-Feb-16 | | 06-Feb-14 |
| Evaluation of REoI | | Evaluated and concurred by WB | | Evaluated and concurred by WB | | NA | | Under Evaluation | | Evaluated and concurred by WB |
| Shortlist submitted to WB | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | |
| Evaluation Report submitted to WB | | | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | | | |
| Negotiation | | | | | | | | | | |
| Negotiated draft contract sent to WB | | | | | | | | | | |
| WB gives NOL on draft contract | | | | | | | | | | |
| Contract Signature Date | 27-Nov-14 | 13-Apr-15 | 17-Jul-14 | 02-Oct-14 | 28-Apr-16 | | 31-Dec-14 | | 29-May-14 | 12-Aug-14 |
| Total days of Process (Receipt of EOI to Contract Signing) | | 146 | | 140 | | | | | | 187 |
| End Date of Activity | 30-Jun-17 | | 30-Jun-17 | | 30-Jun-17 | | 30-Jun-17 | | 30-Jun-17 | |
| Remarks | Contract Agreement between BWDB and Dr. Asadul Alam was signed on 13 April, 2015. The Senior Environmental Specialist is now on board. | | Contract Agreement between BWDB and Mr. Md. Hasanur Rahman was signed on 02 Oct, 2014. Contract Agreement was sent to WB. The Sr. Social Specialist is now on board. | | Not yet submitted for Bank's NOL. Will be floated closer to when the services are expected to be required (perhaps late 2016). | | Two (2) EOI were earlier received, the evaluation was not carried out with expectation for better response. WB concurred for fresh EOI. Fresh EOI notice received on 24 February 2016 and under evaluation. Expected to be on board by September, 2016. | | Contract Agreement between BWDB and Mr. M A Saleque was signed on 12 Aug, 2014. Contract Agreement was sent to WB. The Sr. Revenue specialist is now on board. | |

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2016

3/4

| SI No | 11 | | 12 | | 13 | | 14 | | 15 | |
|--|---|-----------------|--|-----------------|--|----------|---|----------|--|----------|
| Description of Services | Individual Consultant as Social Specialist/Economist (PMU/Field) | | Individual Consultant as Environment Specialist (PMU/Field) | | IPoE for Coastal, Estuarine and River Morphologist | | IPoE for Sediment / Tidal River Management Expert | | IPoE for Design Expert in Embankment and Hydraulic Structures | |
| Package No | CEIP-1 /D1/S15 | | CEIP-1/ D1/S16 | | CEIP-1/ D1/S17 | | CEIP-1/ D1/S18 | | CEIP-1/ D1/S19 | |
| Reference # | 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 | | CEIP-1-37-IC-CI-CEIP-1/D1/S19 | |
| Location / District | Khulna | | Khulna | | 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 | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 131,000 | | 131,000 | | 181,600 | | 181,600 | | 165,000 | |
| Preparation of ToR | | Not yet started | | Not yet started | | Prepared | | Prepared | | Prepared |
| NOL to the TOR | 24-Sep-14 | | 24-Sep-14 | | 24-Sep-14 | | 24-Sep-14 | | 24-Sep-14 | |
| Advertisement of EoI | | NA | | NA | | NA | | NA | | NA |
| Receipt of REoI | | NA | | NA | | NA | | NA | | NA |
| Evaluation of REoI | | NA | | NA | | NA | | NA | | NA |
| Shortlist submitted to WB | | | | | | | | | | |
| Shortlist gets WB NOL | | | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | | | |
| Negotiation | | | | | | | | | | |
| Negotiated draft contract sent to WB | | | | | | | | | | |
| WB gives NOL on draft contract | | | | | | | | | | |
| Contract Signature Date | 31-Dec-14 | | 31-Dec-14 | | 31-Dec-14 | | 31-Dec-14 | | 31-Dec-14 | |
| Total days of Process | | | | | | | | | | |
| Commencement of Services | | | | | | | | | | |
| End Date of Activity | 30-Jun-17 | | 30-Jun-17 | | 30-Jun-20 | | 30-Jun-20 | | 30-Jun-20 | |
| Remarks | Will be floated closer to when the services are required. Expected to be on board by October 31, 2016. ToR to be updated. May be dropped per proposal of GoB. | | Will be floated closer to when the services are required Expected to be on board by October 31, 2016. ToR to be updated. May be dropped per proposal of GoB. | | PMU, CEIP-1 with the assistance of existing IPoE member, TL-DSC and TL- M&EC, has reviewed the ToR of the remaining four IPoE members and are of the opinion that positions of Coastal, Estuarine and River Morphologist and Sediment/Tidal Management Expert might be merged and named as Coastal Morphologist and Estuarine/Tidal Hydraulics Expert. PMU will send proposal to WB in this respect. | | PMU, CEIP-1 with the assistance of existing IPoE member, TL-DSC and TL-M&EC, has recently 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.. PMU will send proposal to WB in this respect. | | It was also felt necessary to include one new IPOE member with expertise on Hydrodynamic and Coastal Modeling and he could guide, specially, the long term monitoring of the coastal belt including the models that would be set up for this purpose. PMU will send proposal to WB in this respect soon. | |

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 September 2016

4/4

| SI No | 16 | | 17 | | 18 | | 19 | |
|--|---|-----------------------------------|---|-----------------------------|---|-----------------------------|---|-----------------------------|
| Description | 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) | |
| Description of Services | IPoE for Social Expert | | IPoE for Environment, Water Management and Polder Expert | | Procurement of Individual Consultant as Accounting and Financial Management System Specialist (AFMSS) (National) | | Information Technology Specialist (ITS) (National) | |
| Package No | CEIP-1/ D1/S20 | | CEIP-1/ D1/S21 | | CEIP-1/ D1/S24 | | CEIP-1/ D1/S25 | |
| Reference # | CEIP-1-38-IC-CI-CEIP-1/D1/S20 | | CEIP-1-39-IC-CI-CEIP-1/D1/S21 | | | | | |
| Location / District | Dhaka | | Dhaka | | Dhaka | | Dhaka | |
| P.P. - Executing Agency: | 2014-1-BWDB-BWDB | | 2014-1-BWDB-BWDB | | | | | |
| Method: | IC | | IC | | IC | | IC | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual |
| Amount in US\$ | 165,000 | | 165,000 | | | | | |
| Preparation of ToR | | Prepared | | Updated ToR concurred by WB | | ToR concurred by WB | | ToR concurred by WB |
| NOL to the TOR | 24-Sep-14 | | 24-Sep-14 | | | 14-Feb-16 | | 14-Feb-16 |
| Advertisement of EoI | | NA, will be through CV collection | | NA | | NA | | NA |
| Receipt of REoI | | NA | | NA | | Through collection of 3 CVs | | Through collection of 3 CVs |
| Evaluation of REoI | | NA | | NA | | 10-Mar-16 | | 10-Mar-16 |
| Shortlist submitted to WB | | | | | | on going | | on going |
| Shortlist gets WB NOL | | | | | | | | |
| Combined Evaluation Report submitted to WB | | | | | | | | |
| WB gives NOL on combined evaluation | | | | | | | | |
| Negotiation | | | | | | | | |
| Negotiated draft contract sent to WB | | | | | | | | |
| WB gives NOL on draft contract | | | | 12-Mar-15 | | | | |
| Contract Signature Date | 31-Dec-14 | | 31-Dec-14 | 23-Mar-15 | | | | |
| Total days of Process | | | | | | | | |
| Commencement of Services | | | | 23-Mar-15 | | | | |
| End Date of Activity | 30-Jun-20 | | 30-Jun-20 | | | | | |
| Remarks | During the discussion meeting held on 10 May 2016 with World Bank Task Team, it was decided that ToR would be reviewed to ascertain the requirement of this IOPE member). Subsequently, it was decided to proceed with this recruitment. ToR to be updated. | | Contract Agreement between BWDB and Dr. Ainun Nishat as IPoE was signed on 23 March 2015. The IPOE is now on board. | | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1) which is in process. 3 CVs have been collected and under evaluation. | | This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1) which is in process. 3 CVs have been collected and under evaluation. | |

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 procurement is yet to be initiated.

Initiated-procurement as per the statement of “Status of Procurement” as on **30 September 2016** is described below:

| SI. No | 1 | | 2 (Revs.) | | 3 (Revs.) | | 4 |
|-------------------------------------|--|-----------|--|-------------------------|---|--------|---|
| Description of Works | Rehabilitation / Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3 under Coastal Embankment Improvement Project, Phase-1, (CEIP-1). | | ¹⁴ Rehabilitation and upgrading of Polder 14/1, 15, 16, 17/1, 17/2 & 23 (Actual Nos of Polder in package are rearranged as 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48) | | ¹⁵ Rehabilitation and upgrading of Polder 48,47/2 & 43/2C (Actual Nos of Polder in this Package will be arranged as 14/1, 15, 16, 17/1, 17/2, 23 & 34/3) | | ¹⁶ 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 (International Competitive Bidding) with post-qualification, ¹⁷ | | ICB (International Competitive Bidding) with post-qualification | | ICB (International Competitive Bidding) with post-qualification | | |
| Estimated / Actual | Estimated | Actual | Estimated | Actual | Estimated | Actual | |
| Amount in US\$ | 104,276,026.00 | | 58,216,474.00 | | 25 million USD | | |
| Preparation of Document | | | | | | | |
| Tender Docs Submitted to World Bank | | 02-Mar-15 | | 14-Oct-15, 19-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 | | | | | |
| Negotiation | | | | | | | |

¹⁴ 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'

¹⁵ 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

¹⁶ 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 will be declared void.

¹⁷ Method has been changed from ICBPQ (International Competitive Bidding with pre-qualification) to ICB (with post qualification)

| Sl. No | 1 | | 2 (Revs.) | | 3 (Revs.) | | 4 |
|--|---|-----------|---|---------|--|--|---|
| Negotiated draft contract sent to WB | | | | | | | |
| No Objection to Evaluation Report | 10-Nov-14 | | 09-May-16 | July? | | | |
| GOB Purchasing Committee approval | | 09-Sep-15 | | Pending | | | |
| Issuing NOA | | 21-Sep-15 | | | | | |
| Contract signed | 09-Jan-15 | 01-Nov-15 | 28-Jun-16 | | | | |
| Advance Issued | | | | | | | |
| Commencement of Services | | | | | | | |
| Total days of Process (Bid Opening to Contract Signature Date) | 117 | 160 | 106 | | | | |
| End of Contract (Completed) | 31 Dec 2017 | | 30 June 2018 | | | | |
| 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. The Contractor initially had some difficulties in the mobilization of staff and equipment. In addition, the Contractor had limited ability to communicate due to the language barrier. Subsequently, the Contractor has since started mobilizing project staff and equipment on site. The Contractor has started the emergency works in all four polders to protect the existing embankment from river erosion and tidal wave action. In addition, the Contractor has commenced the construction of 4.7 km of re-sectioning of the embankment. | | Package W-02 is being procured on an accelerated basis and IFB was floated. Bid received on 24 March 2016. 7 Nos. Bids were received. Bid Evaluation completed and Bid Evaluation Report (BER) was sent to World Bank on 19 June 2016 for Bank's review and concurrence. Signing of contract agreement is expected to be done by 15 November 016. | | It is expected that the Bidding Document for this package is expected to be prepared by February 2017, after completing the design. The Invitation for Bid (IFB) will be floated by March 2017. The Bids are expected to be received by May 2017. Additional funds will be required for this Package due to land acquisition and other costs. | | This Package will be treated void since the polders under this package have been incorporated in the packages 2 & 3 (re-arranged) |

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 2016**, which is described below:

| SI No | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | |
|---|--|------------------------|--|-----------|--|-----------|---|-----------|--|-------------|---|-----------|
| Description of Goods | Procurement of Motor Vehicles a) 4-WD Jeep/Cross Country (Total 10 Nos.) 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\$ | 1,000,000.00 | 749427 | 19,231.00 | 23248 | 62,000.00 | 64,643.00 | 19,880.00 | 10,333.00 | 30,000.00 | 27771 | | |
| 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 November 2015 and supply completed ** Contract for 10 Nos. 4WD (Lot No.) vehicle executed on 07 January 2016 and 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

| Package No | Description of Procurement as per TAPP/DPP Goods | Unit | Quantity | Procurement Method & (Type) | Contract Approving Authority | Source of Funds | Estd. Cost (In lac Taka) | Indicative Dates | | | |
|-------------|--|------|--|-----------------------------|------------------------------|-----------------|--------------------------|-------------------|-----------------------|---------------------|------------------------|
| | | | | | | | | Not Used in Goods | Invitation for Tender | Signing of Contract | Completion of Contract |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 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) | HOPE | WB/IDA | 780.00 | | August,2013 | October,2013 | April,2014 |
| CEIP-1/G-02 | Procurement of Motor Cycle- 20 | Nos | Motor Cycle-10 Nos | OTM(NCB) | PD | WB/IDA | 13.00 | | September,2013 | October,2013 | February,2014 |
| CEIP-1/G-03 | Procurement of Speed Boat with engine & other accessories (Total 9 nos.) | Nos | Speed Boat-5 Nos | OTM(NCB) | PD | WB/IDA | 50.00 | | October,2013 | November,2013 | March,2014 |
| 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 ancilleries | Nos | Computers - a) Laptop-5 Nos, Desktop-20 Nos, b) Printer-10 Nos, c) UPS-20 Nos, d) IPS-5 Nos with ancilleries | OTM(NCB) | PD | WB/IDA | 210.00 | | August,2013 | September,2013 | December,2014 |
| 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) | PD | WB/IDA | 16.30 | | October,2013 | November,2013 | January,2014 |
| CEIP-1/G-06 | Office equipment with accessories a) Multimedia Projector(Total 4 Nos), b) Aircooler- (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) | PD | WB/IDA | 23.00 | | August,2013 | September,2013 | January,2014 |
| CEIP-1/G-07 | Furniture (For Project Director, CEIP-1 BWDB, office) | LS | LS | OTM(NCB) /RFQ | PD | WB/IDA | 10.00 | | August,2013 | September,2013 | October,2014 |
| 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) | PD | WB/IDA | 350.00 | | July,2015 | September,2015 | March,2016 |
| CEIP-1/G-09 | Procurement of Motor Cycle- Total= 20 Nos | Nos | Procurement of Motor Cycle-10 Nos | OTM(NCB) | PD | WB/IDA | 13.00 | | July,2015 | August,2015 | December,2015 |

| Package No | Description of Procurement as per TAPP/DPP Goods | Unit | Quantity | Procurement Method & (Type) | Contract Approving Authority | Source of Funds | Estd. Cost (In lac Taka) | Indicative Dates | | | |
|---|--|------|---|-----------------------------|------------------------------|-----------------|--------------------------|-------------------|-----------------------|---------------------|------------------------|
| | | | | | | | | Not Used in Goods | Invitation for Tender | Signing of Contract | Completion of Contract |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| CEIP-1/G-10 | Procurement of Speed Boat with engine & other accessories (Total 09 nos.) | Nos | Speed Boat-4 Nos | OTM(NCB) | PD | WB/IDA | 40.00 | | October,2015 | Novemeher,2015 | March,2015 |
| 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 ancilleries | OTM(NCB) | PD | WB/IDA | 11.80 | | August,2015 | September,2015 | December,2015 |
| 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) | PD | WB/IDA | 11.70 | | October,2015 | November,2015 | January,2016 |
| 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 Ao 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) | PD | WB/IDA | 16.50 | | July,2015 | August,2015 | December,2015 |
| * CEIP-1/G-14 | Procurement of Motor: Micro Bus – 1 No | Nos | Micro Bus – 1 No | | | | | | | | |
| * This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1) which is in process. | | | | | | | | | | | |

HOPE=Head of the Procuring Entity

PD=Project Director

Annex 6 Component B 2: Estimated Schedule for Vacating Settlements for Works Package 1

Package 1 Polder 32 33 falls under Kuhlina and 35/1 and 35/3 under Bagerhat office.

| | Resettlement Action Milestones | Responsible | Date Planned | Estimated Time Required between Milestones | Date Actual | Actual Time Elapsed between Milestones |
|---|---|--|--------------|--|---|--|
| | | | | Wks | Date | Wks |
| 1 | Nomination of PAVC members | XEN PMU FO Kuhlina and Bagerhat | | 1 | 15 Dec 2015 | |
| 2 | Approval of PAVC members | PD | | 1 | 23 Dec 2015 | 1 |
| 3 | PAVC Meeting to determine methodology to establish final rates | Convener PAVC / Sub divisional Engineer of PMU FO Kuhlina and Bagerhat | | 1 | 07 Jan 2016 (Kuhlina) 12 Jan 2016 (Bagerhat) | 2-3 |
| 4 | Communication with concerned departments to re-confirm published rates and receive endorsement letters Land = Deputy Commissioners Kuhlina and Bagerhat and Land Registration Office Structures = Director Public Works Department Kuhlina and Deputy Director Bagerhat Trees = Forest Department Crops = Agricultural Extension and Agricultural Marketing | Convener PAVC / Sub divisional Engineer of PMU FO Kuhlina and Bagerhat | | 2 | 27 Dec 2015 to 31 Dec 2015 | In parallel |
| 5 | Meeting of PAVC rates and payment budget | Convener and members of PAVC | | 2 | 13 Mar 2016 | 8-9 |
| 6 | Meeting to sign and forward rates and payment budget documentation | Convener and members of PAVC | | 0.5 | 16 Mar 2016 | 0.5 |
| 7 | Review of documentation received from PAVC and preparation of two types of budget for DC / payment of compensations for land, structures, trees, crops, fish stock, and Resettlement benefits *business income, resettlement and livelihood assistance. | PD | | 1 | May 2016 (excluding land) | 8 |

| | Resettlement Action Milestones | Responsible | Date Planned | Estimated Time Required between Milestones | Date Actual | Actual Time Elapsed between Milestones |
|----|---|---|---------------------|---|--------------------|---|
| 8 | Instruction to transfer budget (A) to DC Kuhlina and DC Bagehrhat, and budget (B) to XEN PMU FOs Kuhlina and Bagerhat | PD | | 1 | June 2016 | 3 |
| 9 | Bank Transfer | Bank | | 0.2 | June 2016 | In parallel |
| 10 | DC to issue Notice No 7 a publishing schedule at sites of payments for budget (A) in form of account paid checks | DC Khulna and Bagerhat | | 2 | | |
| 11 | Fund release to PAHs of budget (A) | DC Khulna and Bagerhat | | 4 | | |
| 12 | XEN to issue Notice No 7 b publishing schedule at sites of payments for budget (B) in form of account paid checks | XEN PMU FOs Khulna and Bagerhat | | 2 | August 2016 | 8 |
| 13 | Fund release to PAHs of budget (B) | XEN PMU FOs Khulna and Bagerhat | | 4 | Sept 2016 | 2-3 |
| 14 | Vacating of resettlement sites by payment recipients | Resettlement recipients | | 8 | Oct-Nov 2016 | 4-8 |
| | | Total | | 29.7 | | |
| | | Total (B) for first 1157 non-titled EPs | | | | 42-46 |

Annex 7 Governance Accountability and Action Plan

As of 30 September 2016, the main change during the quarter is the GoB's proposal to restructure the IPOE TORs and eliminate some Jr. Social and Environmental staff from PMU.

| Issues/Risks/ Objective | Actions | Agency responsi ble | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|--|---------------------------|---|--|---|---|
| Institutional Risks | | | | | | |
| Need to strengthen capacity to handle large volume procurement, financial management, contract management, communications, and monitoring functions | Establish PMU with internally or externally hired staff as per the agreed Organogram. | BWDB | Key staff recruited 3-6 months after project effectiveness. | Delays in conduct of procurement, execution of contracts and processing of payments. | Effectiveness date Nov 2013. PD – Dec 2013 Procurement Spec – Nov 2013 Financial Mgt Spec- originally March 2015, but now vacant Environment Spec –April 2015 Sr. Social Spec – October 2014 signed Sr. Revenue Officer – August 2014 signed Communication Spec – Fresh EOI Jan 2016. <u>Deferred to 2016:</u> Sr. Forestry Spec. Social Spec./Econ (Field) Environment Spec. (Field) | FM Specialist left the project 29 Feb 2016; CVs of replacements being evaluated. Key PMU staff vacancies need to be filled. |
| | Retain existing consultants or engage new consultants for design, construction supervision | BWDB | Contracted 1 st year; | | DACS&PMSC contracted PY2 (January 2015) | |
| | Contract Third Party M&E functions | BWDB | Contracted 2 nd year | | M&E Consultant contracted PY2 (October 2015) | |
| | Increase frequency of Bank supervision missions, especially during the first 2 years. | WB | At least twice a year | | Start (FY 2013/14)– 1 mission PY1 (FY 2014/15)– 1 mission PY2 (FY 2015/16)– 2 missions | |

| Issues/Risks/ Objective | Actions | Agency responsi ble | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|---|---------------------------|--|---|---|---|
| Need for proactive provision of information and enhanced transparency | Appoint a Communication Specialist as part of the PMU to act as RTI officer (until BWDB engages an RTI officer) in accordance with the RTI act. | BWDB | 3 -6 months after project effectiveness | Lack of information officer or frequent replacement | Communications Specialist CVs under evaluation | |
| | Quarterly Reporting on Project Implementation by PMU | BWDB | Quarterly | | First QPR submitted in Feb 2016 for period ending Dec 2015. QPRs routinely being prepared. | |
| | Set up a website and provide regular information on project performance as well as procurement information | BWDB | Website set up by end of Year 1. Website regularly updated | Delays in establishment of website/ publishing information | From inception, notices and procurement results being posted on BWDB website and CPTU website (Ministry of Planning). New, easier-to-navigate BWDB website is under development. | |
| Procurement Risks | | | | | | |
| Reduce risk of corruption in procurement . | Retain design of few contracts processed in Dhaka to enhance scrutiny | BWDB | On-going | Procurement red flags in ex ante and ex post review | Procurement packages have been aggregated in size to facilitate scrutiny. | PMU understands and follows procedures that safeguard procurement processes. Replacement made April 2015 after |
| | Publish/agree detailed mapping of procurement processes, including finite list of who has access to documents when in the process | BWDB | On-going | Inconsistencies with 'need to know' principles in procurement mapping, evidence of unauthorized access to information | Documentation and mapping of processes will be completed December 2015. ICB guidelines are enforced. | |
| | Enforce ICB procurement guidelines for documentation, timelines, and transparency | BWDB, Bank | On-going | | | |
| | Appoint a Procurement Panel | BWDB | 3-6 months after project effectiveness | Panel members not recruited | Int'l Proc. Expert – Nov 2013 Nat'l Proc. Expert – Nov 2013 Int'l Technical Exp. – 2013, with | |

| Issues/Risks/ Objective | Actions | Agency responsi ble | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|---|--|--|---|---|--|
| | Enhance complaints mechanism with reporting established and follow-up guidelines | BWDB | On-going | Nature and frequency of complaints | replacement in April 2015 GRC members confirmed in Dec 2015. Fifteen (15) GRC formed in Package 01 area. | expert did not renew contract. |
| Potential for or reduce risks of conflict of interest among participants in procurement | Declarations of no conflict of interest by BWDB personnel, including members of PP and bidders | BWDB | BWDB personnel by effectiveness; bidders at submission | | Complied on ongoing basis. | |
| | Review statements of financial interests encompassing key project staff | BWDB | Within one month of submission | | Not a separate declaration from COI above. | Periodic renewal of COI declaration may be considered. Renewal has not done. |
| | Require bidders' statements concerning agents and other possible connections to persons involved with procurement. | BWDB | At bidding stage | | Complied on ongoing basis. | |
| Contract Execution and Project Management Risks | | | | | | |
| Avoid collusion of parties involved and ensure transparent management of contracts | BWDB website includes information on contract execution (e.g. gross estimate of completion of works etc.) | BWDB | As information becomes available | Website does not include updated information | Complied on ongoing basis, as information is available. Please see bwdb.gov.bd website. | |
| | Establish enhanced complaints mechanism, including ICT | BWDB | By project effectiveness | | In process of being developed. | |
| | Numerous level of scrutiny: - PD serve as Employer's representative - Construction Supervision Consultant as Engineer - Nominate Resident Engineers at | Construc tion Consult- ants, M&E | | | In place: PD – Nov 2013 New PD appointed – Feb 2016 DDCS&PMSC – Jan 2015 | |

| Issues/Risks/ Objective | Actions | Agency responsi ble | Timeline - Plan | Early Warning Indicators to Trigger Additional Action | Timeline - Actual | Remarks |
|--|--|---------------------------|--|---|---|---|
| | the site - M&E Consultant to oversee project performance | | | | REs nominated – Jan 2015 M&E – Nov 2015 | |
| Fraud and Corruption in Delivery of RAP Benefits | | | | | | |
| Potential for improper targeting of beneficiaries and/or false delivery | Contract out implementation of RAP to experienced NGOs, with reputable track record for similar programs | NGOs | Contract in place | Reviewers (BWDB, WB) receive plausible complaints borne out by frequency or other corroboration | DDCS&PMSC has KMC on its team, charged with looking after the RAP implementation (since Jan 2015). M&E Consultants in place Nov 2015 and developed a Comprehensive M&E Strategy. Baseline survey designed; implemented in second quarter 2016. | It would be appropriate to have this individual will also serve as M&E Consultant's counterpart. |
| | Ensure third party monitoring by the M&E Consultants | M&E | Contract in place | | | |
| | Conduct survey among beneficiaries | M&E | | Survey results identify improprieties | | |
| | Enhance complaints mechanism, including use of ICT | M&E | Unit in place by effectiveness or before | | In process of being developed. | |
| | Suo moto disclosure of information | BWDB | Designated office in place by effectiveness, begin implementing expanded disclosure plan three months after effectiveness | | Communication Specialist REOI re-advertised in January 2016. CV evaluations underway. | |

Annex 8 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- quency | Data Source/ Meth. | Responsible for Data Collection | Remarks |
| | | | | YR1 | YR2 | YR3 | YR4 | YR5 | YR6 | YR7 | End Target | | | | |
| Gross area protected | | 1000 x ha | - | - | - | - | 36.5 | 67.7 | 77.9 | 100.8 | 100.8 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | | | | | | | | | | |
| Direct project beneficiaries from increased resilience to climate change (number) of which female (percentage) % | X | 1000 x person | 0 | 0 | 0 | 0 | 230 | 480 | 530 | 760 | 760 (50%) | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | 0 | 0 | | | | | | | | | | |
| Increase cropping intensity | | (%) | 140 | - | - | - | 155 | 167 | 171 | 180 | 180 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | | | | | | | | | | |
| Contingent Emergency Appropriation | | Triggered, if requested [Y/N] | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | BWDB | NA | |
| <i>Achievement</i> | | | | NA | NA | | | | | | | | | | |
| 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 | YR2 | YR3 | YR4 | YR5 | YR6 | YR7 | End Target | | | | |
| Length of upgraded embankment | | km | 0 | - | 20 | 121 | 309 | 452 | 551 | 623 | 623 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | 0.8 | | | | | | | | | 0.810 kms done; 9.556 kms in process |
| Drainage structures replaced and upgraded | | No. | - | - | 3 | 23 | 59 | 89 | 113 | 129 | 129 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | | | | | | | | | |
| Regulators upgraded | | No. | - | - | 4 | 28 | 73 | 106 | 123 | 134 | 134 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | | | | | | | | | |
| Flushing inlets upgraded | | No. | 0 | - | 9 | 52 | 127 | 178 | 214 | 244 | 244 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | | | | | | | | | |
| Length of Drainage Channels upgraded | | Km | 0 | - | 27 | 157 | 381 | 540 | 681 | 794 | 794 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | 0 | | | | | | | | | | |
| Area restored re/afforested | X | ha | - | - | - | - | - | 100 | 200 | 300 | 300 | Annual | BWDB | M&E | |
| <i>Achievement</i> | | | | - | - | | | | | | | | | | |
| Water Management Organization (WMO) | | Nb. | 0 | - | - | - | 1 | 2 | 3 | 4 | 4 | Annual | BWDB | M&E/NGO | |
| <i>Achievement</i> | | | | - | - | | | | | | | | | | |

| Intermediate Results Indicators | | | | | | | | | | | | | | | | |
|---|------|-----------------|-----------|--------------------------|-------------|---------------|-----|-----|-----|-----|-----|------------|-------------|--------------------|--|---------|
| Indicator Name | Core | Unit of Measure | Base line | Cumulative Target Values | | | | | | | | End Target | Fre- quency | Data Source/ Meth. | Responsible for Data Collection | Remarks |
| | | | | YR1 | YR2 | YR3 | YR4 | YR5 | YR6 | YR7 | | | | | | |
| Improved coastal monitoring | | Studies | Ltd. data | | | | | 1 | | 2 | 2 | Annual | BWDB | M&E | | |
| <i>Achievement</i> | | | | - | - | | | | | | | | | | | |
| BWDB days of training provided | X | No. | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | Annual | BWDB | | Project total needs to be 140 (or PY7 should be 160). | |
| <i>Achievement</i> | | | | | 33 (341) | | | | | | | | | | Reported duration in days (plus person-days) | |
| Client days of training provided - Female | X | No. | 0 | | | | | | | | 60 | Annual | BWDB | | | |
| <i>Achievement</i> | | | | | 33 (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 (15 GRC) | | | | | | | | | GRC formation undertaken for Polders 32, 33, 35/1 and 35/3 | |

Annex 9 Issues from Prior Quarters

Issues first raised in QPR #3

Issue QPR3-1: Security is a Growing Concern

The security situation in Bangladesh has not directly affected the works or services as of this time, but various embassies are advising their nationals to exercise judgment and caution for any travel within the country. The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous. PD has written to the police in the project area and they have standing orders to accompany staff to the field when requested.

Recommendation: Security risks should continue to be monitored as they could constrain field activities of international staff. Consultants and Contractors may wish to develop and put in place a security plan for their Dhaka staff and field staff. Security detail provided by GoB may be considered to accompany staff on field visits, though this may actually draw attention so it may be left as an option to the traveler(s) whether he or she wishes to request such security.

Issue QPR3-2: Equipment Mobilized on Contract W-01 is Inadequate

There is no change in the numbers of equipment mobilized compared with the previous quarterly report. The equipment mobilized by the Contractor is less than 35% of the required equipment strength as per the Engineer's estimate early in 2016. With the need to catch up on progress, the actual equipment requirements are now undoubtedly higher. Numbers of excavators (14 of 49 estimated to be required), concrete mixing machines (7 of 26) and vessels (2 of 22) are especially inadequate. It should be noted that the Contractor has indeed commenced procurement of additional equipment including 13 bulldozers, 57 dump trucks, 27 excavators and 2 more CC block manufacturing machines. This will be helpful, but does not fully close the gap.

Recommendation: 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.

Issues first raised in QPR #2

Issue QPR2-1: Overall Reporting System Needs Attention and Improvement

The lack of clearly-organized and timely data makes analysis of progress difficult for PMU. Reporting from the Contractor and DDCS&PMS Consultants needs to be on time, more precise and measured against plan. Descriptions using terms such as "about", "some" or "many" should be avoided, with preference for precise numbers.

Recommendation: Reports should be submitted on time in order to be most useful and to allow the timely preparation of the consolidated QPR for the PMU, PSC and World Bank. 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. Aggregate numbers should be supported by tables in the annex giving details – for example, type of work and extent of progress by polder (with chainage-wise progress available if needed). The M&E Consultants and PMU have provided guidance on the content and presentation of reports and continue to work with the DDCS&PMS Consultants in a collegial manner.

Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment

The total value of works packages 01, 02 and 03 in the DPP amount to BDT 2156.6 crore. The first two packages combined (covering 10 of the 17 polders of CEIP-1) are currently estimated to require approximately BDT 1900 crore. This leaves an insufficient sum for the seven polders under works package 03. In addition, works package 02 contains a flood protection wall near an urban area and the reconstruction of a road that must be destroyed as it sits atop part of the embankment whose height must be raised. Neither of these items are in the current DPP.

While a DPP may be revised only twice over its life, it appears that there is no possibility to delay the first revision. Additional funds will be required and the DDCS&PMSC must provide an estimate of the likely works package 03 costs even though they are only in the very early stages of design. Without the authorizing DPP document, and World Bank concurrence, works package 03 will not be able to be tendered. Also, the additional works in Package 02 could be stalled.

Recommendation: A DPP revision should be prepared without delay capturing whatever changes are required. The PMU should continue to consult the World Bank. The DDCS&PMSC Consultants should provide an estimate of likely works package 03 costs.

Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled

The DC has been occupied in important works and no progress has been made with respect to the Joint Verification Survey of Polder 35/1 during the quarter. Without the JVS completing its work, the final LAP cannot be prepared and compensation cannot be paid. Of critical importance is land valuation since the payment for land is also required prior to land being vacated to provide hindrance-free work sites for the Contractor.

LA issues may be associated with different levels of risk depending on situation of the land owners and the expected delay of approving and paying for land acquisition. Land owners losing their housing and possibly all of their agricultural lands would require higher attention. On the other hand landowners not losing housing and only a portion of their land may be able to await completion of land acquisition procedures, while conceding to vacate the portion of land required by the project. Also refer to Issue QPR1-4 where issues regarding the RAP were raised earlier. It should be noted that issues associated with the delay of the RAP process may very well cause overall delay of works execution, delay and cost claims of the contractor and overall delay and cost increase of the project. The current level of attention to the RAP process is far below the required level.

The delay of the RAP process is to be considered flagged red at this time.

Recommendation: Owner 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. Further, the PD may request the DDCS&PMSC to undertake a specific risk assessment of each LA case and prepare a construction planning format and plan that includes LA and other resettlement risks.

Issue QPR2-4: There may not be a consistently systematic approach to document processing and control

It is not clear whether the DDCS&PMSC has pursued a systematic procedure to submitting technical reports as such had not been reflected in monthly reports and copies had not been provided to the

IPOE or the M&E consultant in a systematic manner. As a result reports may have been missed out in terms of technical verification and quality control.

Recommendation: Each survey or technical report needs submission through a formal process. Copy should be provided to IPOE and the M&E Consultant. A table of reports and review status should be provided by the DDCS&PMS Consultants at the end of every quarter.

Issue QPR2-5: Measure of physical progress needs to be developed

Currently, the S-curve presented in the DDCS&PMSC reports shows cumulative physical progress (actual versus planned) only in financial terms. De facto, this will always show physical progress ahead of financial disbursement and will not provide any alert as to potential cost overrun.

Recommendation: A weighting of physical progress is required, building up from the BOQ elements and not directly related to the cost of these items. Works Implementation Program should be built-up in modular format say for each 5 km section of construction with schedule and details of material requirements, equipment mobilization and schedule. A similar approach may be used for structures. The DDCS&PMS Consultants to propose an approach (this has been started) and meet with PMU and M&E Consultants to discuss and finalize.

Issue QPR2-6: Environmental Concerns may need attention – mitigation for fish migration

The EIAs of the project, under the "Fisheries Management" section of environmental mitigation approaches, correctly state:

- Sufficient free flow will have to be guaranteed in the design and construction work to ensure free passage of migrating fishes
- Hydraulic structures to be operated considering fish migration and spawning time
- An area specific hydraulic structure operation guideline should be developed

While there is time to develop plans for the operation of specific hydraulic structures, there is less time for developing a plan for ensuring construction work does not interfere with the free passage of migrating fishes. As for incorporating this concern into the design of the structures, the time is now, in case such is required.

Recommendation: 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.

Issue QPR2-7: Periodic Environmental Reports Required

PMU requires submission of Environmental Compliance Monitoring Reports and quarterly, semi-annual and annual environmental reports by the DDCS&PMS Consultants. To date, these have not been provided.

Recommendation: 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.

Issue QPR2-8: Recently Procured Project Vehicles Have Not Been Assigned to the Field

It is observed that none of the 11 project vehicles recently procured 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. In addition, the Field Staff of the PMU are due to be increased in the next year.

Recommendation: There is a plan to procure a few more vehicles and it is recommended that these vehicles be made available to the implementation staff in the field offices as the field work will soon intensify.

Issue QPR2-9: Construction Supervision Systems to be Strengthened

Given the transition from Survey and Design Phase to Construction Supervision Phase, Construction Supervision Management Systems need to be put into place (or strengthened), including Quality Assurance System, Contract Supervision and Management, Daily Site Reporting Formats, Safety Manual, Safety training, Registration Formats for all Workers and ID system, Billing Formats and Procedures, Variation Management and Procedures, and training of DDCS&PMSC site supervisors and Contractor's Site Construction Managers, etc.

Recommendation: DDCS&PMS Consultants to continue to elaborate their systems and report on the status by type of system element in their monthly and quarterly reports.

Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management

The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract, Contract Management and Claims Avoidance/Management. While the Client is the Owner and 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.

Recommendation: A short-course training in FIDIC, contract management and claims avoidance/management should be organized. The M&E Consultants can facilitate such a training provided the financial resources are made available. The DDCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. With respect to advice on contract issues, the PMU should recruit an independent specialist for this purpose. The M&E Consultants could provide such expertise, as already discussed with the PD and the IPOE, with an amendment to the ToR and addition of required resources. Such expertise is available on the M&E Consultant's team and via Sheladia's home office.

Issues first raised in QPR #1

Issue QPR1-1: Physical Progress on Works Package W-01 is in danger of being delayed.

The Contractor for works package W-01 has been delayed in getting permanent works underway and has not submitted an acceptable work program. Equipment has been procured, but has not yet been released from the port (as of 29 February 2016). The construction season draws to a close by 30 April each year and few months remain within which to make progress this year.

Recommendation: Contractor should be encouraged to hire equipment until their own equipment is available. DDCS&PMSC should continue to apply whatever leverage it can as Engineer within FIDIC limits. 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 reference checks should be performed. Given the Client's desire to have works carried out simultaneously on all polders, the administration of the works would best be managed polder-wise, meaning that a deputy PM should be appointed by the Contractor for each polder. If it is not possible under Package W-01, then at least this arrangement should be required for future packages.

Issue QPR1-2: Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.

Contractor has mobilized approximately 30 management, professional and sub-professional staff from China. Only the Project Manager can communicate in English and two others have some limited English-speaking ability. The remaining staff cannot communicate in English (or Bangla of course). The lack of English or Bangla speaking capability seriously hinders the ability of the Contractor to communicate with or understand the members of the communities, the laborers or project staff.

Recommendation: Contractor should be encouraged to bring in additional bilingual (Chinese-English) staff or make interpreters available. The Client may also allow the Contractor to bring in a qualified Bangladeshi contractor as a sub-Contractor to assist not only with works, but with communication and cultural understanding.

Issue QPR1-3: Procurement of Works Contractors by ICB has failed to attract broad international interest.

The IFB for Works Package 01 attracted several bids – all from a single country. Also, the bids are sometimes unrealistically low. Works Package 02 may be headed for a similar fate, although there appears to be interest from one or two contractors of one additional country this time.

The large size of the works packages may actually be inhibiting effective competition (Package W-01 is in the range of US\$100 m). With the great diversity of conditions found in a single package, the geographic dispersion of the polders (Package W-01 spans more than 200 kms which cannot be traversed in a single day) and the requirement for simultaneous works progress on all the polders in the package, the logistic and administrative challenges are great.

Recommendation: The IFB packages should be reviewed and modifications considered that would require English/Bengali language proficiency for at least 50% of professional staff (for example) rather than just for the Project Manager position as it stands now. Also, low price bids (those falling below a certain threshold in relation to the Engineer's estimate) should be eliminated from consideration.

The Client and World Bank may consider the option of issuing bid packages of 2-3 polders each for the remaining works. These would still be sizable contracts, but qualified and competent mid-sized to large-sized construction firms could all participate. Associations of international and national contractors may be encouraged to offer the Owner access to qualified contractors who can provide

“best fit” approaches for the works, taking into account conditions in coastal Bangladesh.

Transparency would not be sacrificed as the size of contracts would still be large, the independent Procurement Panel would conduct the evaluation, and other safeguards described under the GAAP have been put in place.

Issue QPR1-4: LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor.

Progress of Resettlement is seen as the key risk factor. According to estimates detailed in Annex 6, another 6 months might elapse before resettlement activities required for works package 1 would be completed.

Package 01 RAP is still being updated as of the end of the 2nd Quarter (Oct-Dec 2015). Compensation payment of EPs depends on the final approval of applicable compensation rates. The determination and approval of compensation rates will be by a committee – PAVC. The RAP Team of DDCS&PMS Consultants report that the appointment of the members of the PAVC for the Khulna BWDB office has not been finalized. In addition, the Joint Verification Survey has been started, but needs an additional two months because the DC office staffs are deployed elsewhere for their urgent tasks.

The Contractor for Works Package W-02 will obviously focus its efforts on unencumbered sections of the embankments first, but it is important that resettlement not become a hindrance to construction progress.

Recommendation: Appointment of PAVC members must be completed quickly. PAVC must finalize the compensation rates for various types of losses without delay. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered. The DDCS&PMSC 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.

Issue QPR1-5: Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters.

While not an issue at the moment, it is clear that recruitment of several consultancies must be attended to on a priority basis. Among these is the consultancy service to Implement (a) social afforestation and (b) social action plan (incl. setting up WMOs) is needed in order to commence mangrove nursery work, provide livelihood restoration training for vulnerable PAHs and to organize and strengthen WMOs so that they may be consulted in the design and implementation of works.

Also needed are technical members of the Independent Panel of Experts (IPoE) and the specific needs should be identified, TORs adjusted if necessary, and recruitment undertaken.

During the Inception Workshop of the M&E Consultants, IPoE for Environment, Water Management and Polder Expert, Professor Ainun Nishat made an eloquent case for CEIP-1 to have a Contract Management/Claims/Legal Expert appointed to PMU “as lots of ‘Contract Management’ related issues will crop up as the construction work will progress”. Also, FIDIC training may be provided to select PMU staff and CEIP-1 Project Managers.

Recommendation: PMU to develop a time-bound plan for procurement/recruitment of these consultants and services that phases their arrival at the time required given CEIP-1 activities.

Issue QPR1-6: The M&E Consultants will be required to expend additional resources given the need for multiple baselines.

As described in the M&E Consultants' Inception Report, the foundation for impact evaluation is a properly designed baseline survey. Given that the project works have been organized into three packages with works likely to commence in early 2016 for package W-01, late 2016 for package W-02 and late 2017 for package W-03, a series of three baselines is highly recommended. Baseline surveys must be conducted just before works commence in order to accurately establish the pre-project conditions. This is especially true in the coastal polders since an intervening monsoon season can drastically alter physical, environmental and socio-economic conditions in the project area. In addition, the 17 polders span a great variety of conditions so conducting a baseline only on Package 1 polders and then relying on just Package 1 data for evaluation could produce misleading results.

Also, the case was presented for the addition of a Gender Specialist to the M&E Consultants' team and it was accepted in principle during the Inception Workshop.

Recommendation: The M&E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.

Issue QPR1-7: Reporting Formats of implementing partners do not consistently provide needed information.

The quarterly (and monthly) reporting formats of the Project implementing partners do not yet clearly identify/report on all project inputs, processes and outputs. The current quarterly report (the first) has been difficult to compile as a result and is to be considered a "work in progress".

Recommendation: The M&E Consultant will continue to work with the other consultants to develop a clear format for the reporting of all project inputs, processes and outputs.

Annex 10 List of DDCS&PMS Consultant Reports

Reports submitted (draft)

| Sl No | Name of Reports Comments | Date | Draft or Final | Comments |
|--|---|--------------------|----------------|--------------|
| Inception Report | | | | |
| 1. | Inception Report | 22 March, 2015 | Draft | |
| 2. | Inception Report | 6 May, 2015 | Final | |
| Progress Reports | | | | |
| 3. | Progress Report Month of April, 2015 | 11 June, 2015 | Final | |
| 4. | Progress Report Month of May, 2015 | 28 June, 2015 | Final | |
| 5. | Progress Report Month of June, 2015 | 17 August, 2015 | Final | |
| 6. | Progress Report Month of July, 2015 | 26 August, 2015 | Final | |
| 7. | Progress Report Month of August, 2015 | 15 September, 2015 | Final | |
| 8. | Progress Report Month of September, 2015 | 10 November, 2015 | Final | |
| 9. | Progress Report Month of October, 2015 | 18 November, 2015 | Final | |
| 10. | Progress Report Month of November, 2015 | 23 December, 2015 | Final | |
| 11. | Progress Report Month of January, 2016 | 24 March, 2016 | Final | |
| 12. | Progress Report Month of February, 2016 | 16 April, 2016 | Final | |
| 13. | Progress Report Month of March, 2016 | 21 April, 2016 | Final | |
| 14. | Progress Report up to 17 April, 2016 | 18 April, 2016 | Final | intermediate |
| 15. | Progress Report Month of April, 2016 | 15 May, 2016 | Final | |
| 16. | Progress Report up to 26 May 2016 | 26 May, 2016 | Final | intermediate |
| 17. | Progress Report Month of May, 2016 | 14 June, 2016 | Final | |
| 18. | Progress Report Month of June, 2016 | 30 June, 2016 | Final | |
| 19. | Progress Report Month of July, 2016 | 13 August, 2016 | Final | |
| 20. | Progress Report Month of August, 2016 | 18 September, 2016 | Final | |
| Construction Progress Report (submitted by Contractor and not updated yet as per Consultants recommendations) | | | | |
| 21. | Construction Progress Report Month of February, 2016 | 13 April, 2016 | Draft | |
| 22. | Construction Progress Report Month of March, 2016 | 13 April, 2016 | Draft | |
| 23. | Construction Progress Report Month of April, 2016 | 25 May, 2016 | Draft | |
| Annual Report | | | | |
| 24. | Annual Report Year of 2015 | 13 March, 2016 | Final | |
| Design Report and Drawings | | | | |
| 25. | Design Report for Package-2 | 02 February, 2016 | Draft Final | |
| 26. | Design Report on River Bank Protection Works (Package-2) Additional Data and Computations | 03 February, 2016 | Draft Final | |
| 27. | Design Report for RBPW in Polder 32 | 12 January, 2016 | Final | |
| 28. | Design Report for RBPW in Polder 33 | 12 July 2015 | Final | |
| 29. | Design Report for RBPW in Polder 35/3 | 12 January, 2016 | Final | |

| SI No | Name of Reports | Comments | Date | Draft or Final | Comments |
|--|---|----------|-------------------|----------------|----------|
| Environmental Impact Assessment (EIA) | | | | | |
| 30. | EIA Report of Polder 39/2C | | 14 January, 2016 | Draft Final | |
| 31. | EIA Report of Polder 39/2C | | 23 February, 2016 | Final | |
| 32. | EIA Report of Polder 40/2 | | 24 March, 2016 | Draft Final | |
| 33. | EIA Report of Polder 40/2 | | 24 May, 2016 | Draft Final | |
| 34. | EIA Report of Polder 41/1 | | 19 March, 2016 | Draft Final | |
| 35. | EIA Report of Polder 41/1 | | 30 March, 2016 | Draft Final | |
| 36. | EIA Report of Polder 39/2C | | 23 Aug, 2016 | Final | |
| 37. | EIA Report of Polder 40/2 | | 03 Sep, 2016 | Final | |
| 38. | EIA Report of Polder 41/1 | | 04 Sep, 2016 | Final | |
| 39. | EIA Report of Polder 43/2C | | 30 Sep, 2016 | Final | |
| LAP/RAP Reports | | | | | |
| 40. | In the period February 2015 up to August 2016 various LAP/RAP reports have been prepared and submitted. | | Various | Draft Finals | |
| 41. | Resettlement Action Plan (RAP) for Package-2 | | 23 August, 2016 | Final | |
| Mathematical Modelling Reports | | | | | |
| 42. | In the period February 2015 up to August 2016 various reports on the mathematical modelling have been prepared and submitted. | | Various | Draft Finals | |
| Field visit reports | | | | | |
| 43. | In the period February 2015 up to July, 2016 various visit reports have been prepared and submitted. | | Various | Finals | |
| Memo's on specific subjects | | | | | |
| 44. | In the period February 2015 up to August 2016 various Memo's with a special subject have been prepared and submitted. | | Various | Finals | |
| Minutes of Meetings | | | | | |
| 45. | In the period February 2015 up to June 2016 various MoM's have been prepared and submitted. | | Various | | |
| Relocation Plan | | | | | |
| 46. | Strategy and Action Plan for Permanent Relocation of Displaced Squatters and Other Entities at Polders under Package-1 | | 27 August, 2016 | Final | |
| Payment Modality Report | | | | | |
| 47. | Payment Modality of Compensation to the Entitled Persons | | 14 August, 2016 | Final | |