

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



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

Annual Progress Report July 2015 – June 2016
including
Quarterly Progress Report No. 3
April-June 2016

Progress Report for 4th Quarter of GoB Fiscal Year 2015-16
Implementation Quarter 6

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)



18 August 2016

BASIC DATA

Country	: <i>Bangladesh</i>
Project Title	: Coastal Embankment Improvement Project, Phase-1
Implementing Agency	: Bangladesh Water Development Board
Report number	: 3
Reporting Period	: Quarter of April-June 2016, plus summary of 2015/16 Year

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

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)

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	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
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
FO	Field Office
FM	Financial Management
FMS	Financial Management Specialist
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
IPOE	Independent Panel of Expert
IRM	Immediate Response Mechanism
IUFR	Interim Unaudited Financial Report
IWM	Institute of Water Modeling
JVS	Joint Verification Survey
km	kilometer
KMC	Knowledge Management Consultants, Ltd. (RAP Consultants)
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
PD	Project Director
PDO	Project Development Objectives

PMU	Project Management Unit
PMIS	Project Management Information System
PPCR	Pilot Program for Climate Resilience
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

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EXECUTIVE SUMMARY

This report covers the most recent quarter of CEIP-1 activity from April to June 2016 and it also recapitulates the year's¹ activities, accomplishments and issues. It covers all consultancies and contracts of the Project and thus is a consolidated progress report. This is the third quarterly report to be issued and the first Annual Report.²

Introduction

This Annual cum Quarterly Progress Report (APR/QPR) presents the status of project inputs and outputs and provides information on the activities, accomplishments, constraints, issues and recommendations. The APR/QPRs are intended to provide the Project Director, Project Steering Committee (PSC) and World Bank with a record of the project as it evolved through the last quarter and last year. It is intended to also show the plans for the project overall, the current year and 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 yet 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.

Summary of Achievements during the Quarter and FY 2015/2016

As of June 2016 the Loan had become effective for 34 months. According to the IMED reports prepared by PMU, total disbursement to date is US\$21.97 million, up from US\$ 9.89 million at the end of Q3. The revenue expenditure for FY2015/2016 was at 99.9% of plan while the capital expenditure was at 100.0% of plan, after the plan was adjusted in the 3rd quarter.

As for disbursements from the World Bank to the BWDB, they stand at 6.55% of the total amount. 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\$ 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

¹ The Project reporting year is the same as the fiscal year of the Government of Bangladesh, running from 01 July to 30 June.

² It should be noted that the DSC have earlier issued an Annual Report covering the 2005 calendar year running from 01 January to 31 December, 2015.

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 \$21.97 million level of cumulative disbursements by the project and the fact that \$12 million was disbursed during the 4th quarter alone, the disbursement level is expected to improve substantially in FY 2016/2017. In the next two quarters, an estimated \$23 million equivalent BDT is projected to be disbursed and in the final two quarters, with the mobilization of the contractor for Package W-91 another \$26 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.

The PMU is staffed with qualified and dedicated professionals and most key positions have been 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 to be brought on in the next few quarters in relation to the project's needs.

Key procurement activities undertaken during the quarter include:

- Seven (07) bids were received 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 completed and the Bid Evaluation Report submitted to the WB for review on 19 June 2016.
- Evaluation completed of the proposals submitted on 28 December 2015 for the Consultancy for Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone. No objection 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. The latest offer is under review by the Procurement Panel.
- Candidates for the replacement of the PMU Financial Management Specialist (national) are under evaluation.
- CVs for PMU Communications Officer are under evaluation.
- Evaluation of EOIs for the consultancy services for social afforestation and social action plans for establishing WMOs is underway.
- Two (2) new individual consultants will be 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.

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&PMSC had completed the designs for Package 01 polders and 70% of the detailed designs of Package 02 polders as of 30 June 2016. They also oversaw the survey and design work undertaken by the Works Contractor for Package 01 for 5.247 kms of permanent works of which 0.810 kms is completed and **the balance** is in progress. In addition, emergency works were undertaken on about

30 individual locations in response to observe weaknesses in polder embankments that were vulnerable to erosion and potential breach during this monsoon season.

CC block production stands at 35,575 on 30 June 2016, which is about half of one percent of required production. The Contractor has ordered four automated CC block making machines and three have been delivered and are being erected. They will have a combined capacity of 12,000 blocks per day assuming 8-9 hours of operation. At this pace, about 600 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.

The EIAs for the six Package 02 Polders have been submitted in draft final to the World Bank for review after incorporating the comments of PMU, M&E Consultants and also World Bank on the earlier versions. World Bank has provided comments on the EIA for Polder 39/2C and 41/1 on 12 June 2016. Draft EIAs for the seven Package 03 polders are in the process of being prepared by the DDCS&PMSC.

The updated Resettlement Action Plan (RAP) for the four polders of Package 01 was submitted again during the quarter; it is being updated to reflect the recently completed updated Inventory of Losses (IOL). The documentation of PAHs and EPs has nearly been completed as have preparation and issuance of ID cards (85% issued and 73% distributed). Bank accounts have been opened by 92% of the non-titled EPs. Fifteen (15) Grievance Redress Committees (GRC) have been constituted – one per affected Union Parishad. The major issue, is the delay in the assessment of value of land. The delay on setting land values represents a major risk to the project timetable.

The draft RAP for Package 02 has been submitted to PMU and the LAP has been revised and is currently being field-truthed by the XEN's team.

Checks for payment of compensation for structures and non-land assets including Income Tax (IT) totaling 20 crore (approximately \$2.5 million) were prepared for distribution. Another 27 crore (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.

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. During the quarter, the Baseline Survey was conducted spanning more than 5000 households, Comprehensive M&E Framework and Strategy Document finalized, structure of the web-based PMIS further developed, comments provided on EIA and RAP documents, Quarterly Progress Report #2 prepared for CEIP-1 overall and multiple field visits conducted.

Works Contract 1 was signed on 1 November 2015 and the contract effectiveness date was 26 January 2016. During the quarter, the contractor started to shift from concentrating on preparatory works and mobilization of equipment to actual permanent works. Attention was also given to urgently needed repair works along eroding sections of embankments in all four package 01 polders which form part of the environmental mitigation works³. Mobilization has been slow, but gradually improving. The monsoons have slowed works since May and cyclone Roanu created some additional sites of concern with respect to erosion.

³ An overview of all such works is provided in Section 3.1.1.6.

Issues and Recommendations

New Issues

Issue⁴ 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.

Red Flag Issues Unresolved from Prior Quarters

The following issues are the most critical among the issues remaining unresolved:

- Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment to Accommodate Cost Increases in estimated cost of works and consulting services (and change in the USD/SDR Exchange Rate)
- Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Stalled for last three quarters
- Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management

⁴ 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.

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

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 then first final RAP was prepared in 2013, it took almost three years to make the first payment to non-titled EPs. However, updating of RAP for package 1 polders is in progress. The land acquisition process has been delayed due to the need for a decision on land valuation. Once land valuation is decided, there remain quite a number of steps to complete. 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 the respective EPs are given 30 days after receiving their compensation to move. Compensation to most titled EPs for their land will stretch beyond that. Thus, during the next construction season, the Package W-01 Contractor will have to 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 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 DDCCS &PMS Consultants in a collegial manner. Report content has improved somewhat.	DDCS &PMS Consultant reports need further improvement in segregating activities and accomplishments by quarter, showing plans, and in precision.
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	NOT RESOLVED. A rough estimate of Package 03 works costs has been provided to the PMU.	Any other required changes for works and consultancy services contracts should be captured and the revised DPP drafted.

Issues	Recommendation in brief	Status	Follow-up Actions
	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.		
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.	NOT RESOLVED. A short (about 1 km) stretch of embankment is pending JVS since late 2015. The DC has delayed because the original alignment would destroy a reservoir which is the main safe drinking water source. CEIP will shift the alignment 5-6 m to preserve the reservoir.	DC is now willing to do the JVS and is reportedly planning to do so by mid-August.
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. Status of surveys is not ascertained. A table of reports is being provided by DDCS&PMSC, sometimes with review status.	DDCS&PMSC will consistently follow the recommendation.
Issue QPR2-5: Measure of physical progress needs to be developed	Currently, the S-curve presented in the DDCS&PMSC reports shows cumulative physical progress (actual versus planned) only in financial terms. De facto, this will always show physical progress ahead of financial disbursement and will not provide any alert as to	NOT RESOLVED. 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.	DDCS&PMSC and M&E Consultants to meet to discuss alternatives. Meeting to be organized with PMU to finalize the weighting of physical elements of the works.

Issues	Recommendation in brief	Status	Follow-up Actions
	<p>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>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>RESOLVED.</p> <p>PMU, M&E Consultants and World Bank have provided guidance on the content of various environmental reports.</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</p>	<p>The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract,</p>	<p>NOT RESOLVED. The World Bank, during its June 2016 mission,</p>	<p>PD to decide on appropriate option to pursue in consultation with the</p>

Issues	Recommendation in brief	Status	Follow-up Actions
<p>Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</p> <p>Flagged RED</p>	<p>Contract Management and Claims Avoidance/ Management. While Consultants have 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>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 DDCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could provide such expertise, 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.</p>	<p>BWDB, Ministry and then World Bank.</p>
<p>from QPR1</p>			
<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 Project Manager. 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>

Issues	Recommendation in brief	Status	Follow-up Actions
<p>Issue QPR1-2:</p> <p>Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</p>	<p>i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication and cultural understanding.</p>	<p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. Contractor has appointed interpreters to serve on each of the four polders.</p> <p>ii. Contractor has hired a Bangladeshi sub-contractor.</p>	<p>Consider requiring communication as an explicit part of bid requirement for Package 03.</p>
<p>Issue QPR1-3:</p> <p>Procurement of Works Contractors by ICB has failed to attract broad 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>
<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</p>	<p>i. RESOLVED FOR PKG 01</p> <p>ii. PARTIALLY RESOLVED</p> <p>iii. NOT RESOLVED</p> <p>i. PAVC appointed for Package 01 in December 2015.</p> <p>ii. Rates for various assets set by PAVC. Land valuations not done for</p>	<p>PAVC for Package 02 may be appointed without delay.</p> <p>PMU may request PAVC to expedite.</p> <p>Follow-up required to assess risks under each of the BoQ works categories.</p>

Issues	Recommendation in brief	Status	Follow-up Actions
	<p>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>Package 01.</p> <p>iii. M&E Consultant has requested the DDSC&PMSC for a detailed risk assessment approach.</p> <p>This would also involve construction planning in modules of say 5 km stretches. As a first step, M&E Consultant analyzed the key milestones for the Non-entitlement APs process and provided these to the DDSC&PMSC. As a second step the M&E Consultant requested the DDSC&PMSC / KMC to provide LA requirement details for each of the 11 construction BoQ works items separately so as to assess risks better.</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>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</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>M&E Consultants to outline the requirements with justification.</p>

Issues	Recommendation in brief	Status	Follow-up Actions
Issue QPR1-7: Reporting Formats of implementing partners do not consistently provide needed information	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.	PARTIALLY RESOLVED Being done continually. This issue has been repeated in QPR2 with some elaboration. DDCS&PMSC have begun to re-shape the April monthly progress report.	Follow-up to be continued. DDCS&PMSC are responsive to the advice and proposals regarding reporting requirements.

Summary of Plans for the Next Two Quarters

Procurement: Package 02 Works Contract will be negotiated and awarded in the next two quarters. PMU is to complete the negotiation and contract signing with the first-ranked firm on the Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone Consultancy or take steps 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.

Design: Detailed design of Package 02 is expected to be fully completed by 30 September 2016 and for Package 03 detailed design is to be 50% complete by 31 December 2016. Modeling for detailed design stands at 70% complete and is expected to be 90% complete by 30 September 2016. Geotechnical surveys and investigations are expected to be 50% and 90% completed by 30 September and 31 December 2016 respectively.

Works: The works contractor is to submit an acceptable work program at the earliest possible time. 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.

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/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.

Resettlement: The updated RAP for Package 01 will be prepared and translated into Bengali and a strategy and action plan for permanent relocation of displaced squatters will be prepared. For Package 02, the remaining three (of six) LAPs will be submitted, Inventory of Losses (IOL) will be validated, focus groups formed and FGD conducted, ID cards prepared, bank accounts opened for at

least 90% of entitled persons (EPs) under Package-1 Polders. Unit rates for structures and trees, business income loss, wage income loss and rental income loss were determined and recommended by the PAVCs for Package-1 Polders. PAVCs' recommended unit rates for structures, trees, business income loss, wage income loss and rental income loss were approved by BWDB in June 2016. Unit rates for structures and trees will be finalized through the PAVCs and GRCs will be formed under Package-2 Polders. The RAP for Package 02 will also be updated. For Package 03, maps will be collected, plot schedule prepared and preparation of LAPs will commence.

Environmental Safeguards: The Bi-Annual Environmental Monitoring Report will be prepared and submitted to the World Bank, EIAs for the six polders of Package 02 will incorporate comments and be issued in final and EIAs for the seven polders of Package 03 will be completed. An acceptable Environmental Action Plan will be prepared for Package 01 Works.

Monitoring and Evaluation: The M&E Consultants are to prepare the fourth Quarterly Progress Report, prepare the Baseline Survey Report, conduct a Baseline Survey Results Workshop, prepare and launch the first generation web-based PMIS and provide M&E training.

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

1.0 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 cum First Annual Report 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,⁵
- (ii) the development of a system to computerize land acquisition and resettlement data with Global Positioning System (GPS) reference,⁶ 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

⁵ Component B2 (i) is allocated to Capital Expenditure Category 4.a Acquisition of Land (544.16 ha)

⁶ 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.

Accountability Action Plan (GAAP), EMP and RAP. This will be provided through third party assessment and monitoring of key aspects of project implementation.

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

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

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

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

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

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.

2.0 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 June 2016. Revenue expenditures in the first three quarters reached only 99.9% of the planned expenditures for the current FY (column 8, last row). This is after a voluntary reduction in the FY 2015-16 planned allocation.

Table 1: Revenue Expenditures / Input Cost up to 4th Quarter of FY 2015-16 (as of 30-Jun-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 2015-16	Cum. upto last FY	This (4th) 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	2,000.00	-	2,000.00	2,000.00	2,531,646	100.0%	7.4%	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	2,049.99	1,371.78	802.34	1,994.13	2,524,215	97.3%	14.6%	24.64%
2.b	Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP & EMP	2,609.09	375.00	-	398.74	398.74	504,734	106.3%	15.3%	15.28%
3.	Project Management, TA, Training, Strategic Studies									
3.a	Project management support and audits	11,507.99	449.49	613.84	275.10	595.56	753,873	132.5%	5.2%	10.51%
4.	Overseas Training	745.45	124.24	199.10	4.09	4.09	5,177	3.3%	0.5%	27.26%
5.	Honorarium/ Fees/ Remuneration	30.00	1.28	2.11	0.81	1.28	1,620	100.0%	4.3%	11.30%
	<i>Other Activities not yet undertaken</i>	13,765.39	-	-	-	-	-	--		
	Sub-total Revenue Component	69,235.80	5,000	2,186.83	3,481.08	4,993.80	6,321,265	99.9%	7.2%	10.37%
Source: IMED-05 report (June 2016) of CEIP-1 for 4th Quarter of FY 2015-16 [Apr-Jun/2016]										
1 USD=79 BDT										

Capital expenditures (Table 2) similarly reached 100% of this year's adjusted plan.

Table 2: Capital Expenditures / Output Cost as of 4th Quarter of FY 2015-2016 (as of 30 Jun 2016)

		All BDT in Lakh Taka ("00,000)									
Goods & Works Package		Planned for		Progress				Achieved (%) of this FY against		Cum. achieved against the Total Project Cost	
Component / Sub-Component		Total Project	FY 2015-16	Cum upto last FY	This (4th) 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	
2.	Equipment and goods under Comp. B, C, D (6800)	1,545.30	614.61	88.21	-	614.61	777,987	100.0%	39.8%	45.48%	
4.a	Acquisition of Land (544.16 ha)	8,852.40	2,721.25	85.00	2,721.25	2,721.25	3,444,620	100.0%	30.7%	31.70%	
5.b	Construction/Re-sectioning of Embankments	53,482.10	6,664.14	-	3,329.93	6,662.00	8,432,911	100.0%	12.5%	12.46%	
5.n	Miscellaneous	2,312.29	-	-	-	-	-	--	-	-	
<i>Other Activities not yet undertaken</i>		168,275.82	-	-	-	-	-	--	-	-	
Sub-total Capital Component		234,467.91	10,000.00	173.21	6,051.18	9,997.86	12,655,519	100.0%	4.3%	4.34%	
Source: IMED-05 report (June 2016) of CEIP-1 for 4th Quarter of FY 2015-16 [Apr-Jun/2016]									1 USD=79 BDT		

Initially, disbursement targets for the FY 2015-16 overall were US\$ 32 million⁷ for the IDA component under the project with another \$10 million (out of a total of \$25 million) for the Pilot Program for Climate Resilience Fund. These figures have been reduced by the Implementing Agency to a combined total planned 2015-2016 expenditures of US\$ 19 million (15,000 lac BDT⁸) taking into account the slow progress of works on package 01 and delays in procurement.

The reported 100% of progress on disbursements reported on civil works represents the advance payment that has been disbursed to the contractor against a bank guarantee. While the Contractor has recently submitted an IPC for works it has performed against the contract's BoQ, this bill had not been paid by the close of the fiscal year.

Checks for payment of compensation for structures and non-land assets totaling 20 crore (approximately \$2.5 million) were prepared for distribution. Another 27 crore (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.

Table 3 presents the input and output ratio (expressed as a percentage) of expenditures which shows a favorable 38% actual input/output ratio compared to a planned 50% during FY 2015-16 and an overall life-of-Project target of 30%.⁹ Inputs are generally the services, while outputs are the works.

⁷ Monthly Progress Report (IMED 05/2003) for the month of December 2015

⁸ Monthly Progress Report (IMED 05/2003) for the month of March 2016.

⁹ 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.

Table 3: Revenue-to-Capital Expenditure Disbursement Rate

	Planned for FY 2015-16	Actual for FY 2015-16	Overall Project
	US\$	US\$	US\$
Revenue Expenditure	6,329,114	6,321,265	87,640,253
Capital Expenditure	12,658,228	12,655,519	296,794,823
Revenue : Capital	50%	50%	30%

As of June 2016 the Loan had become effective for 34 months. According to the IMED reports prepared by PMU, total disbursement to date is US\$21.97 million, up from US\$ 9.89 million at the end of Q3. The revenue expenditure for FY2015/2016 was at 99.9% of plan while the capital expenditure was at 100.0% of plan, after the plan was adjusted in the 3rd quarter.

As for disbursements from the World Bank to the BWDB, they stand at 6.55% of the total amount. 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\$ 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 \$21.97 million level of cumulative disbursements by the project and the fact that \$12 million was disbursed during the 4th quarter alone, the disbursement level is expected to improve substantially in FY 2016/2017. In the next two quarters, an estimated \$23 million equivalent BDT is projected to be disbursed and in the final two quarters, with the mobilization of the contractor for Package W-91 another \$26 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.

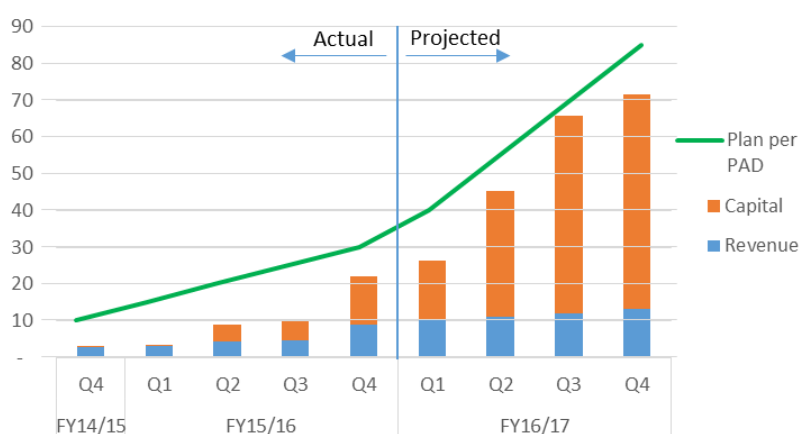


Figure 1: Actual and Projected Disbursements by Project Compared to Plan (USD million)

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.

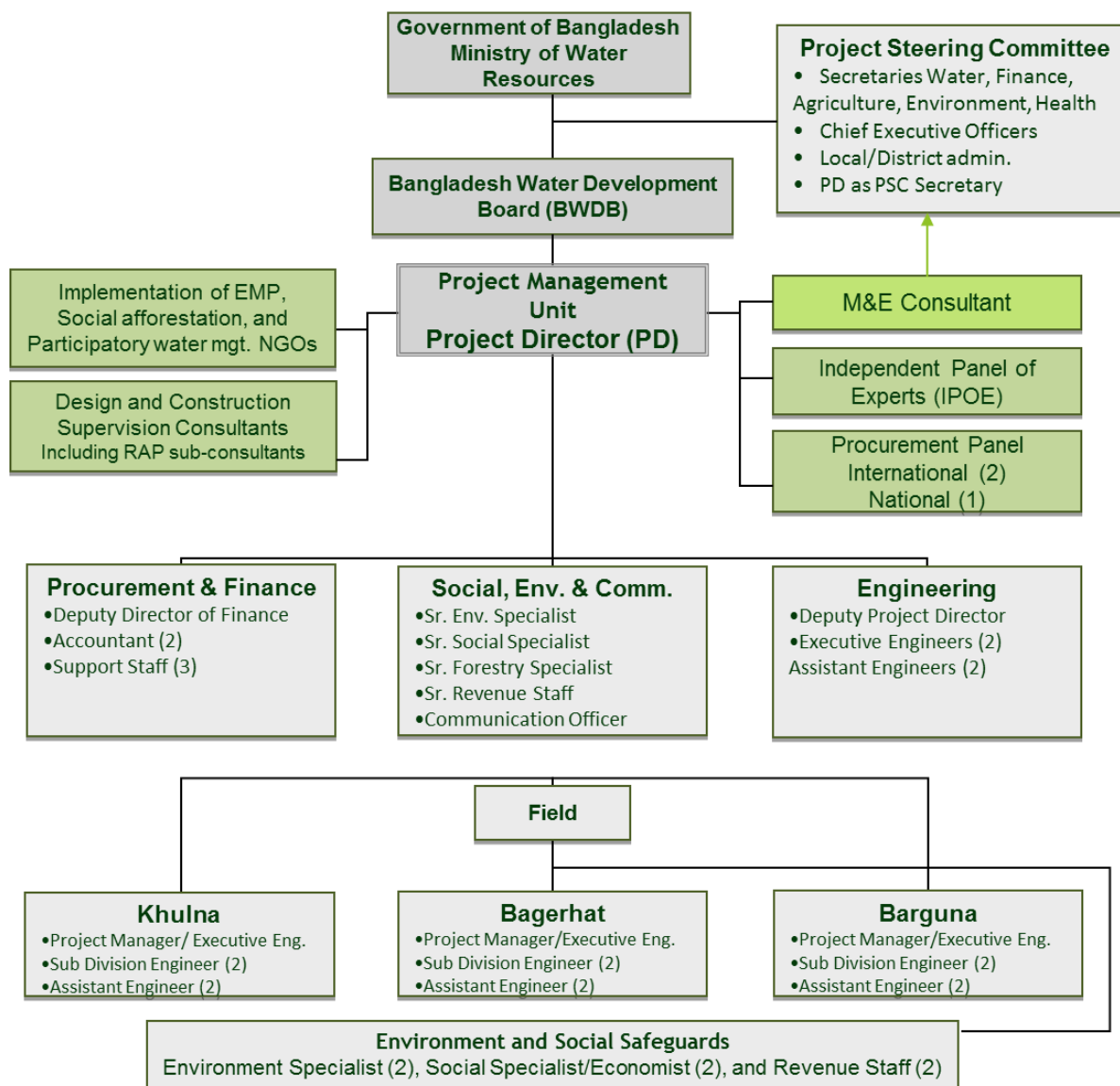


Figure 2: CEIP-1 Project Organization Chart

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 sub/consultants including: KMC for the RAP Subcontract and CEGIS for the EIA Subcontract.

The RAP Consultants, Knowledge Management Consultants (KMC) Limited of Bangladesh, were mobilized in late February 2015 and commenced their field work at end of first week of 1 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 (Mobilized in this reporting Quarter)		
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 Consultants

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

The Consultant has not yet been fielded. Seventy (70) Expressions of Interest (EOI) were received by 13 November 2014 and the evaluation was essentially been 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. Evaluation of the EOI submissions is being conducted and the target date for signing a contract is end of February 2017.

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

The Consultant has not yet been fielded. 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, inter alia, 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 budget¹⁰ (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 is reviewing the 2nd revision.

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 the prior quarter 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. To date no permanent replacement has been proposed, but the Contractor has dispatched their Vice President Mr. Yang Dong to serve as Acting Project Manager from February 2016 until an appropriate replacement is found. The efficiency of mobilization and works implementation has improved considerably since his arrival.

The following tables provide an overview of the contractor's mobilization status by 30 June 2016. Data on manpower mobilization show 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 77 as of 30 June 2016. Mobilization status has considerably improved recently. A list of the contractor's key staff with contact details is provided in Annex 3.

Table 5: Key Manpower Mobilized by the Contractor

SN	Staff Category	No. of Staff
1	Senior Project Management	4
2	Other Senior Managers	4
3	QC Engineers	6
4	Design & Survey Engineers	15
5	Construction Supervision Engineers	12
6	Project Engineers	24
7	Senior Admin Staff	3
8	Technicians	9
	TOTAL	77

Source: Derived by M&E Consultants from CHWE Letter to DDCD&PMSC dated 13 July 2016

¹⁰ It may be noted that the budget in the original appraisal was \$12 million, but this was reduced in the DPP.

The DDCS&PMSC calculated the equipment needs for Works Contract W-01 based on standard capacities and utilization. This is shown in Table 8 while Table 9 shows the actual equipment in place as of 30 June 2016. There is very little change in the numbers of equipment mobilized compared with the previous quarterly report (two additional excavators and some forklifts mobilized). The Contractor is at less than 50% of the required equipment strength as per the Engineer's estimate with especially inadequate numbers of excavators (14 of 49 estimated to be required), concrete mixing machines (7 of 26) and vessels (2 of 22). Given that the monsoon season precludes earthwork, the Contractor should use this time to fortify its equipment fleet so that work can begin without delay and in earnest in October.

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 & Tractor + carry Scraper	Excavator	Concrete Mixing Machine	Sand pile driving equipment	Sheet pile driving equipment	CC block manufacturing machine	Batching plant	Positioning 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	121+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	Excavator	Concrete Mixing Machine	Sand pile driving equipment	Sheet pile driving equipment	CC block manufacturing machine	Batching plant	Positioning ship	Survey Vessel	Barge	Wheel Loader	Forklift Trucks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
32	5	8+0+5	4	1							1		
33	5	3+0+5	4	2			2	2			1		
35/3	8	0+13+0	3	3			1	1			0		
35/1	2	6+0+8	3	1							0		
Total	20	17+13+18	14	7			3	3			2	6	0
Under procurement	13	57+0+0	27	0	5	4	2		0	0	0	7	12

Source: June 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 that has not yet been delivered, as shown in the last row of the table.

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 its key staff have been mobilized.

The utilization rate of the key international staff stands at 16% (versus 10% at the end of the previous quarter) and key national staff also at 16% (versus 6% 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 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 8 of 60 months, amounting to 13.3% of the contract's duration.

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

	Key Experts - International		Total PM	Utilized PM	Remaining PM	Percent Utilized
1	Jan T. Twarowski	Team Leader cum Economist	25	6.4	18.64	25%
2	Michael Dembinski	M&E Specialist	8	3.1	4.91	39%
3	Abu H. Murshid	Environmental Specialist	9	1.2	7.82	13%
4	Mike Tyson-Taylor	Social Safeguards Specialist	10	1.0	9.00	10%
		Total	52	11.6	40.36	22%
	Key Experts - National					
1	Md. Mahidur Rahman Khan	Deputy Team Leader / GIS Information Management Spec.	30	4.5	25.50	15%
2	A.B.M Murshed Alam Siddiqui	Agric. Economist/ M&E Specialist	18	4.9	13.14	27%
3	A.K.M. Mizanur Rahaman	Environmental Specialist	18	1.6	16.41	9%
4	Md. Mizanur Rahman	Social Safeguards Specialist	18	5.5	12.50	31%
5	Md. Badiuzzaman	Information Mgmt Specialist	18	3.6	14.36	20%
6	H.S. Mozaddad Faruque	Water Resources Engineer	10	2.9	7.14	29%
		Total	112	23.0	89.05	20%
	Non-Key Experts					
7	Azizul Haque Kabul	Data and Info Analyst 1	40	4.8	35.20	12%
8	Md. Soukat Osman	Data and Info Analyst 1	13	0.0	13.00	0%
9	Md. Surruzzaman	Field Data Collector 1	22	0.0	22.00	0%
10	Md. Babul Haider	Field Data Collector 2	22	0.0	22.00	0%
		Total	97	4.8	92.20	5%

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 (DCS&PM Consultants and Third Party M&E Consultants) and another two have are in process (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 31 Mar 2016	Status 30 Jun 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 WB by 20 June.
2	Consultancy for Detailed Design, Construction Supervision & Project Management Support, EIA and RAP (DDCS&PMS)	QBS	CEIP-1/B2, B3 & C1/S02	Procurement completed; consultants in place since January 2015.	No change
3	Third Party M&E Consultants for Overall Project Implementation	QBS	CEIP-1/C2/S03	Procurement completed; consultants in place since 01 November 2015.	No change
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. The Procurement Panel is reviewing 2 nd revision.
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 31 Mar 2016	Status 30 Jun 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 (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 (Panel)	CEIP-1/D1/S07	Consultant in place since 25 Nov 2013	New contract signed on 14 June 2016 for additional input.
4	PMU Procurement Specialist – national	CEIP-1/D1/S08	Consultant in place since 21 Nov 2013	No change, done.
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.
6	PMU Sr. Environmental Specialist – national	CEIP-1/D1/S10	Consultant in place since 13 Apr 2015	No change, done.

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S. No.	Package Name (abridged)	Package No.	Status 31 Mar 2016	Status 30 Jun 2016
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.	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	Will be floated closer to when the services are expected to be needed (maybe in March 2016).	No change, not yet started.
12	PMU/Field – Environmental Specialist	CEIP-1/D1/S16	Will be floated closer to when the services are expected to be needed (maybe in March 2016).	No change, not yet started.
13	IPoE for Coastal, Estuarine and River Morphologist	CEIP-1/D1/S17	Will be floated closer to when the services are expected to be needed (maybe in mid-2016). TOR needs to be updated.	Re-definition of types of experts needed on the panel is under consideration.
14	IPoE for Sediment/Tidal River Management Specialist	CEIP-1/D1/S18	Will be floated closer to when the services are expected to be needed (maybe in mid-2016). TOR needs to be updated.	Re-definition of types of experts needed on the panel is under consideration.
15	IPoE for Design Expert in Embankment and Hydraulic Structures	CEIP-1/D1/S19	Will be floated closer to when the services are expected to be needed (maybe in mid-2016). TOR needs to be updated.	Re-definition of types of experts needed on the panel is under consideration.
16	IPoE for Social Expert	CEIP-1/D1/S20	Will be floated closer to when the services are expected to be needed (maybe in mid-2016). TOR needs to be updated.	Re-definition of types of experts needed on the panel is under consideration.
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 31 Mar 2016	Status 30 Jun 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.

S. No.	Package Name (abridged)	Method	Package No.	Status 31 Mar 2016	Status 30 Jun 2016
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 which are now under evaluation.	Bid Evaluation Report sent to the World Bank on 19 Jun 2016 for review and concurrence.
3	Rehabilitation/Reconstruction and Upgrading of Polder 14/1, 15, 16, 17/1, 17/2, 23 and 34/3	ICBPQ	CEIP-1/W-03	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 31 Mar 2016	Status 30 Jun 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	IFB (4 th call) issued 20 Oct 2015 for Lot 1 (4-WD vehicles) .Deadline for bids 19 Nov 2015. Evaluation underway. Contract for Lot 2 Micro-Bus executed on 18 Nov 2015 and vehicle delivered.	Contract for 10 vehicles executed on 07 Jan 2016 and vehicles delivered on 04 Feb 2016.
2	Motor cycles	NCB	CEIP-1/G-2	Contract (work order) executed 04 Oct 2015. Motor cycles delivered 22 Nov 2015.	Procurement completed.
3	Desktop Computer, Laptop, Printer, & UPS with Accessories	NCB	CEIP-1/G-4	Procurement completed. Good delivered 29 June 2014.	Procurement completed.
4	Engineering Equipment: a) Leveling Equipment (5 nos.); b) Total Station (3 nos.)	NCB	CEIP-1/G-5	Work order signed 04 Oct 2015. 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. Good delivered 29 June 2014.	Procurement completed.
6	Office Furniture	NCB	CEIP-1/G-7	Procurement completed	Procurement completed.

Source: PMU

3.0 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 – Works 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. A commencement date of about 86 days after contract signing is considered late. The Engineer explained the late commencement date with memo of 3 April 2016 addressed to the PD. The factors attributed to the delay include: (i) contractor's submission of Advance Payment Security on 8 December 2015 (about 38 days after contract signing), (ii) advice for payment to the Employer on 19th December (about 10 days after receipt of security), (iii) payment of first installment of the advance on 9 January 2016 (about 20 days after payment advice).

Text Box Lessons Learned No 1: Delay of commencement date often is avoidable. The Contractor's Advance Payment Guarantee Arrangements should be discussed during the Pre-contract meeting so as to ensure early submission of the Guarantee with a target of within 10 days after contract signing. Processing of the Advance Payment Request by Engineer and the Employer should not exceed a few days each. If such schedule is agreed in advance all parties could prepare early and ensure that the commencement date does not exceed 28 days after contract signing. It may also be noted that literature on FIDIC Contracts confirms that the GCC 8.3 Condition for the Commencement Date declaration requires the payment of the Advance; however, such payment refers to the first installment only in case the advance payment is split into two or several tranches.

The Contractor has submitted the GCC Clause 8.3 Work Program and a Quality Assurance Manual, which have both been reviewed by the Engineer and returned to the Contractor for revision.

The construction season for embankment and associated concreting works is about seven months from about 1 October to about 30 April each year. In this case the contract signing fell within the construction period and a loss of up to 1.5 months was to be expected. However, following the late commencement date, more than two additional months were lost. With only three months of likely construction season left after the commencement date, a rapid mobilization of equipment was essential, but did not take place.

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 in spite of reminders received from the Engineer and the option to move ahead with locally rented equipment.

Text Box Lessons Learned No. 2: Early start-up of physical works should be encouraged (and this was in fact done for Package 01), but it is no guarantee that the Contractor will respond as desired. Nevertheless it should be done and can include (i) agreements reached during the pre-contract meeting on the activities of the first three months, and (ii) careful planning for the initial works including equipment requirements under rental agreements if appropriate.

Works that were targeted for completion during the 2015/2016 construction season (before monsoons set in) included (i) embankment model sections (now 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 2016. By end of March there were 60 professional international staff on site and as of the end of the fourth quarter (June 2016), there were 77. In fact, there were more staff than this during the quarter, but staff were cut back during the month of June due to the monsoon season. The Contractor employed various local labor gangs for the permanent works, emergency works (including those under Environmental Mitigation Works) and the construction of site offices and other building works.

Equipment

The Contractor has mobilized less than 35% of the equipment estimated to be required. 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

The Construction Drawings for the Engineer's Regional office, Field and Site offices at Dacope, Rayenda and the Laboratory were approved during Q3. The construction of the Regional office and Laboratory at Khulna and Construction of Site office in Dacope started on 28 March 2016. The construction of the Regional office (vertical extension of existing building) is estimated by the Contractor to be 50% complete; all columns have been casted. The progress of construction of the other site buildings is as follows:

- Laboratory Building at BWDB's premises in Numagar, Khulna – 60% completed
- Engineer's Site Office at Dacope – 60% completed
- Engineer's Site Office at Rayenda – 5% 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 current 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 31 March 2016)	Current Status (as of 30 June 2016)
1	Manual Process		
1.1	Polder 32, at km 36+000	In progress	100% complete
1.2	Polder 33, at km 37+450	100% complete	100% complete
1.3	Polder 35/3, at km 29+000	In progress	100% complete
2	CC Block Machine		
2.1	Polders 32, 33 and 35/3	Site selected	60% complete
2.2	Polder 35/1	No progress	Site selected

Source: Contractor (CHWE) monthly progress reports

The Contractor has begun to erect the automated CC block machinery as follows:

1. Near Mongla Port location – equipment delivered 22 June 2016
2. Near Bagerhat at Doratana Bridge – equipment delivered on 25 June 2016
3. Near Rupsa Bridge at Jabusha, Khulna – equipment delivered on 02 July 2016.

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

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. During Q4, cross-section surveys of 37.1% of embankments, 34.9% of hydraulic structures, 3.4% of slope and bank protection areas and 1.0% of drainage channels have been surveyed.

Table 14: Pre-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	16.2	32.7%	10.0	2.0	20.0%	5.3	0.0	0.0%	14.5	1.6	11.0%
2	33	52.5	22.0	41.9%	26.0	0.0	0.0%	7.7	1.0	12.9%	54.8	0.0	0.0%
3	35/1	62.0	15.3	24.7%	32.0	20.0	62.5%	13.3	0.0	0.0%	24.0	0.0	0.0%
4	35/3	40.0	22.2	55.4%	15.0	7.0	46.7%	3.4	0.0	0.0%	70.0	0.0	0.0%
	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 Report of June 2016.

3.1.1.2 GC Sub-Clause 8.3 Work Program

As of 30 June 2016, the Contractor has not submitted an acceptable Work Program. In November and December 2015, the Contractor submitted their work program officially. Unofficial updates, based on feedback from the Engineer, were submitted on 9 and 26 January 2016. On February 2016, the Contractor submitted a revised GCC 8.3 Work Program. The Engineer issued a letter to the Contractor on 29 March 2016 requesting the program to be improved and re-issued, with particular attention to work methods and procurement schedule. The response is awaited.

3.1.1.3 Construction Works

Overview

Model sections of embankments (generally 50-60 m stretches) were constructed in the January-March quarter in each of the polders to finalize the work method and demonstrate the required specifications and quality of works. In the current quarter, 5.247 kms of embankment are in process as part of the permanent works and 0.810 kms are fully completed (Table 15). Another 4.309 kms of emergency works are underway on embankments that are part of the permanent works and it was planned that these works would be completed before the onset of the monsoon rains (Table 16).

Table 15: Status of Progress of Permanent Works

S. No.	Polder	Chainage		Name of Location		Type of Work	% Completion			Kms Fully Completed
		From (Km)	To (Km)	Location	Upazila		Prior Year 30 Jun 2015	Prior Quarter 31 Mar 2016	Current Year 30 Jun 2016	
1.	32	14.720	15.450	Kamarkhola	Dacope	ER	No Contractor	Not started	60%	0.290
		18.358	18.722	Hatkhola	Dacope	RE	No Contractor	Not started	35%	0.070
		Total	1.094							0.360
2.	33	22.293	22.900	Tengrarchar	Dacope	ER	No Contractor	Not started	89%	0.200
		32.080	32.510	Chunkuri	Dacope	ER	No Contractor	Not started	68%	0.040
		32.544	32.845	Chunkuri	Dacope	ER	No Contractor	Not started	64%	0.060
		Total	1.338							0.300
3.	35/1	2.957 reduced section	3.957	East Amtali	Morelganj	RE	No Contractor	Not started	38%	0.000
		Total	1.000							0.000
4.	35/3	30.350	31.500	Khegraghat	Bagerhat	ER	No Contractor	Not started	44%	0.150
		36.850	37.200	Planet Bazar	Bagerhat	RE	No Contractor	Not started	50%	0.000
		37.430	37.730	Planet Bazar	Bagerhat	RE	No Contractor	Not started	25%	0.000
		Total	1.815							0.150
Package 01 Total		5.247 kms								0.810

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

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

Table 16: Status of Progress of Emergency Works on Permanent Locations

SI no	Polder	Chainage		Name of Location		Type of Work	% Completion		
		From (Km)	To (Km)	Location	Upazila		Prior Year 30 Jun 2015	Prior Quarter 31 Mar 2016	Current Year 30 Jun 2016
1.	Polder 32	43.391	44.345	Kalabagi	Dacope	E	No Contractor	Not due	0%
		Total	0.954						
2.	Polder 33	0.000	0.130	Banisanta	Dacope	E	No Contractor	Not started	15%
		0.959	1.190	Banisanta	Dacope	E	No Contractor	Not started	15%
		Total	1.320						
3.	Polder 35/1	2.073	2.957	East Amtali	Morelganj	E	No Contractor	5%	40%
		Total	0.884						
4.	Polder 35/3	36.160	37.770	Plannet Bazar	Bagerhat	E	No Contractor	Started on 31.Mar.2016	25%
		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

Additional emergency works during the current monsoon season are being continually identified and proposed based on the evolving conditions in the field. Currently, there are 35 new locations identified that will likely require emergency works with a combined length of 5,432 meters.

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 upcoming off season productively to get all sorts of preparation accomplished and be ready to start the works right from October 2016. It should be noted that the land acquisition process is in progress, but not yet finalized. In order to start the construction of drainage/flushing sluices, the land acquisition must be completed.

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 endanger breach of the embankment and 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.

Following their field visit to all polders in November 2015, the M&E Consultant had pointed to several sections where breach of embankment appeared imminent in its field visit report. From January to March 2016, the Engineer undertook a full survey of all polders and identified about 16 locations where slope protection works were required to ensure that breaches would not occur prior to the main improvement works of the embankment planned under the contract. The Engineer undertook survey and design works and prepared cost estimates. The PMU approved works for about BDT 16 million (about \$200,000) at these 16 locations with a total length of about 4.5 km.

Due to regular erosion as well as the erosion caused by Cyclone Roanu which hit Bangladesh's coastal areas on 21 May 2016, additional areas at risk of breach were identified as requiring emergency bank protection works. Additional sites were proposed at an estimated cost of another 16 million BDT. These works have not yet been taken up.

The total estimated amount for emergency works currently underway amounts to about 40% of the total allocation of BDT 40 million under the lump sum BoQ item. Works consist of minor earthworks, compaction and positioning of Geo-bags (175 kg). Average cost per linear meter of slope protection calculates to about BDT 3,500 or \$40. Works are in various stages of progress and must be completed as quickly as possible. It should be noted also that maintenance will not be carried out by BWDB as these polders are now under the Project.

Text Box Lessons Learned No 3: The M&E Consultant proposed that reason for rapid or sudden deterioration should be researched. The field visits showed that such rapid developments and repetitive deterioration of the embankment is found in particular in locations where fish ponds or water bodies abut the embankment on the country side. As this seems pervasive, if confirmed to be a contributing factor to embankment deterioration, assurances should be sought that regulation will prevent such damage causing practices. In particular material excavation should not be allowed at the country side toe of the embankment.

These progress of these emergency works is shown in the table below:

Table 17: Status of Progress 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 Year 30 Jun 2015	Prior Quarter 31 Mar 2016	Current Year 30 Jun 2016
1.	Polder 32	2.960	2.560	Nalian	Dacope	E	No Contractor	10%	100%
		7.561	7.991	Kalibari	Dacope	E	No Contractor	30%	100%
		8.161	8.350	Kalibari	Dacope	E	No Contractor	30%	100%
		8.491	8.629	Kalibari	Dacope	E	No Contractor	45%	100%
		12.393	12.693	Jaynagar	Dacope	E	No Contractor	20%	100%
		16.298	16.525	Jaliakhali	Dacope	E	No Contractor	Not due	99%
		16.680	16.900	Jaliakhali	Dacope	E	No Contractor	20%	100%
		18.575	18.690	Jaliakhali	Dacope	E	No Contractor	Not due	100%
		18.840	18.960	Hatkhola (DS-1)	Dacope	E	No Contractor	75%	100%
		44.561	44.931	Kalabagi	Dacope	E	No Contractor	10%	100%
		44.957	45.083	Kalabagi	Dacope	G	No Contractor	Not due	100%
		Total	2.823						
2.	Polder 33	0.130	0.280	Banisanta	Dacope	E,G	No Contractor	Not started	100%/a
		1.190	1.432	Banisanta	Dacope	E	No Contractor	10%	100%/a
		17.447	17.547	Ramnagar	Dacope	E,G,S	No Contractor	100%	100%
		Total	0.492						
3.	Polder 35/1	20.082	20.162	Tafalbari old Launch Ghat	Sorankhola	E	No Contractor	Not started	100%/a
		63.050	63.106	Shannashi	Morelganj	E,G	No Contractor	5%	96% (reduced x-section)
		63.112	63.128						
		Total	0.152						
4.	Polder 35/3	0.127	0.168	Molliker ber	Bagerhat	G	No Contractor	Not due	100%
		7.176	7.905	Ponchomala	Bagerhat	E	No Contractor	5%	100%
		9.558	9.579	Ponchomala	Bagerhat	E	No Contractor	Not started	100%
		9.815	9.887						
		13.127	13.347	Radhabollov	Bagerhat	E,G	No Contractor	5%	100%
		13.573	13.610						
29.865	29.965	Khegraghat	Bagerhat	G	No Contractor	30%	100%		
		Total	1.151						
Package 01 Total		4.618 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

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 rather low through 31 March 2016 with a total of about 1000 CC Blocks produced. The total has now increased substantially, reaching 33,507 blocks as of 30 June 2016. This represents less than one-half percent of total CC block production required for the project, but with five machines being brought to the project, the

production capacity will be 15,000 blocks¹¹ 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.

Table 18: CC Block Production

S.N.	Polder	40x40x40 (cms)	40x40x20 (cms)	30x30x30 (cms)	Total
1	32 & 33	3,502	19,685	130	23,317
2	35/1	0	0	0	0
3	35/3	382	11,876	0	12,258
	Total	3,884	31,561	130	35,575

Source: DDCS&PMSC Monthly Progress Report, June 2016

3.1.2 Outputs of A1: Rehabilitation and Improvement of Polders – Works 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 is ongoing as of the end of FY 2015/16.

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

Works package W-03 will comprise the remaining seven polders - 14/1, 15, 16, 17/1, 17/2, 23, 34/3. The design will commence in 2016 and it is expected to be floated in second quarter of 2016/2017 fiscal year.

The up to date status of survey as per June 2016 of seven (7) Polders, viz. 14/1, 15, 16, 23, 17/1, 17/2 and 34/3 under Package-3 is as below and furnished in detail in the table that follows:

- i. Topographic survey data has been processed and Digital elevation model has been prepared for polders 14/1, 15, 16, 23, 17/1 and 17/2;
- ii. Embankment survey data has been processed for the seven polders under Package 3;
- iii. Water Level data of 20 stations has been processed and analyzed;
- iv. Drainage channel survey data has been processed;
- v. Peripheral river surveyed cross-section has been processed.

¹¹ 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.

Table 19: Progress of Technical Survey Work

Progress report for field survey in connection with CEIP-1 (Package-3) upto 30/06/2016													
SI No	Polder	Location	Target					Progress upto 30/06/2016					Remarks
			Topography (Km ²)	Embkt section at 250 m interval (Km)	Drainage Channel section at 250 m interval (Km)	Revisit of Stru. inventory and vertical datum by BM fly (Str. No)	Installation of permanebt BM	Topography (Km ²)	Embt section (KM)	Drainage Channel (Km)	Verification of structure sill level & BM/TBM (KM)	Installation of permanebt BM	
1	14/1	Koyra	22.54	25	20	8	6	100%	100%	100%	100%	0%	
2	15	Shymnagar	31.20	27	20	7	6	100%	100%	100%	100%	0%	
3	17/1	Dumuria	50.50	45	83	11	9	100%	100%	100%	100%	0%	
4	17/2	Dumuria	28.79	11	22	5	3	100%	100%	100%	100%	0%	
5	16	Paikgacha, Tala	130.73	45	38	58	9	100%	100%	100%	100%	0%	
6	23	Paikgacha	44.89	37	50	62	8	100%	100%	100%	100%	0%	
9	34/3	Bagerhat	28.64	17	35	7	4	0%	100%	100%	100%	0%	Topography survey could not started due to early rain in June 2016 and it is planned to start at early September 2016.
12	39/2C	Mathbaria, Bhandaria	111.13					0%					

Note: Permanent Bench Mark pillar installation for all polders will be started on end of June after decreasing slainity in surface water.

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 for Package 01

The RAP Consultants commenced fieldwork in March 2015. The RAP and LAP for Package 01 polders was undertaken during the year, and substantially completed with formal submission in the prior quarter as planned. The list of affected squatters and tenants of commercial structures 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 as of this date (and prior quarter) is presented in the Tables 20 and 21 below¹². It may be noted that PAHs include both titled and non-titled households, where EPs include only non-titled persons – squatters, tenants, wage laborers, etc.

Table 20: Number of PAHs and EPs in Package 01 Polders

Polder No.	As reported prior quarter		Updated as of 30 June 2016	
	Number of PAHs as per updated list (titled and non-titled)	Number of EPs identified (non-titled, tenants, wage labor, etc.)	Number of PAHs as per updated list (titled and non-titled)	Number of EPs identified (non-titled, tenants, wage labor, etc.)
32	1,560	1,422	1,568	1,418
33	1,612	1,715	1,633	1,716
35/1	1,880	1,888	1,890	1,899
35/3	364	262	362	274
Total	5,416	5,287	5,453	5,307

Source: RAP Consultants

Table 21: Breakdown of PAHs and EPs by Polder and Category

Polder	Number of Surveyed HHs	Titled HHs	Total number of EPs			
			Squatters (Res, Comm, CPRs)	Tenants (Res, Comm)	Wage Labor	Total
1	2	3	4	5	6	7 (4+5+6)
<i>As of June 2016</i>						
32	1568	259	1309	86	23	1418
33	1633	149	1484	157	75	1716
35/1	1890	304	1586	196	117	1899
35/2	362	108	254	9	11	274
Total as of June 2016	5453	820	4633	448	226	5307

¹² According to the RAP Consultants, after the JVS, the number of households - both titled and non-titled – changed. In addition, some EPs are still not finally determined as to whether they are titled or non-titled status as ownership status of certain lands is being investigated.

Polder	Number of Surveyed HHs	Titled HHs	Total number of EPs			
			Squatters (Res, Comm, CPRs)	Tenants (Res, Comm)	Wage Labor	Total
<i>As of March 2016</i>						
32	1560	249	1311	86	23	1418
33	1612	128	1484	156	75	1716
35/1	1880	305	1575	196	117	1899
35/2	364	111	242	9	11	274
Total as of March 2016	5416	804	4612	449	226	5287

Source: RAP Consultants

Implementation of the RAP for Package 01 has progressed¹³ as shown in the table below. KMC had prepared a Resettlement Action Plan in 2013 for works package 01 and now has updated it (excluding polder 39/2C, from package-1, which was included in works package 02). The updated RAP was submitted to PMU for review and approval during the 3rd quarter, comments were received and the revised document submitted again in May 2016.

Table 22: Summary Progress of LAP and RAP Implementation – Package 01

Sl. No.	Milestone Actions	Target date of completion	Target to achieve in %	Progress as of 31 Dec 2015	Progress as of 31 Mar 2016	Progress as of 30 Jun 2016	Remarks
1	Video recording of assets in the ROW	30 May 2015	100% in 4 polders	100%	100% 5416 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	92%	92%	99%	P-32, P-33, P-35/3 are done. P-35/1 JVS started 14 th Oct completed 62+220 out of 63+220 kms and current plan to complete balance by July 2016.
3	Photography of non-titled EPs	15 October 2015	90%	91%	93%	93.5%	P-32- 99%, P-33- 97%, P-35/1-85%, P-35/3-93%
4	ID Card preparation for EPs	15 November 2015	90%	87%	93%	94%	P-32- 99%, P-33- 96%, P-35/1-86%, P-35/3-95%
5	ID Card Issuance by XEN	30 April 2016	90%	35% (1857 issued)	83% (4403 issued)	85% (4508 issued)	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%	Nil	49%	73%	Total 3,868 ID cards have been distributed by KMC; P-32- 85%, P-33- 77%, P-35/1- 69%, P-35/3-71%

¹³ The table shows the progress along certain milestone actions as reported by the RAP consultant. However, the M&E consultant proposes to streamline the reporting system so as to clearly reflect the milestones related to the final result, which would be construction sites free of hindrances. The M&E consultant proposes to work with the RAP consultants to identify respective resettlement areas on maps and create a Hindrance Datasheet with geo-referenced Picture and GPS coordinates and which would list all of the identified hindrances and affected households and PAPs by affected area.

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Sl. No.	Milestone Actions	Target date of completion	Target to achieve in %	Progress as of 31 Dec 2015	Progress as of 31 Mar 2016	Progress as of 30 Jun 2016	Remarks
7	Collection of NID	31 October 2015	90%	93%	91%	92%	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%	84%	88%	92%	P-32- 98%, P-33- 94%, P-35/1- 84%, P-35/3-85%
9	Collection of Certificates from LGI	31 January 2016	90%	84%	89%	92%	P-32- 98%, P-33- 94%, P-35/1- 84%, P-35/3-95%
10	Focused group meetings	15 February 2016	100%	3 rd round meetings done (581 groups, all rounds)	Additional meetings done with 193 groups	Additional meetings done with 175 groups (4 th round meetings done with some groups)	Total meetings done is 949. Continuous process, until displacement takes place. The number of meetings has exceeded the total plan .
11	Land Acquisition Proposals sub'd to DC Khulna, Bagerhat	September 2015 for Package 01	100%	100% draft 50% final	100% draft 50% final	100% draft 90% final	P-33 submitted in November 2015 and P-35/3 submitted in October 2015 to MOL for approval. Revised LA proposal for P-32, 33 & 35/3 submitted to MOL for approval during 3 rd quarter. P-35/1 is under revision via JVS process and expected to be complete August 2016.
12	Property Assessment Valuation Committee formed	28 December 2015 for Package 01	100%	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% Market survey being completed.	80%	100%	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. Replacement value of land is yet to be done by DCs.
14	Grievance Redress Committee formed and approved by PD	December 2015 for Package 01	15 GRCs	100%	100%	100%	<u>Done.</u> Formed and approved by PD.

Source: RAP Consultants

The JVS (item number 2 above) has been started, but seems to have stalled because the DC office staffs are deployed elsewhere for their urgent tasks.

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 23: Land Requirement for Package-01

Polder No	As per 31 Dec 2015			As per 31 Mar 2016 & 30 Jun 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	34.67
Total		362.1732	146.63		304.3367	123.20

Source: RAP Consultants

The table below compares progress in certain actions in the current quarter compared to the status at the end of March 2016. Progress is particularly strong in the distribution of ID cards which increased from 49% to 73% coverage during the last quarter. Distribution of information brochures has been extensive and the percent completion has dropped from 94% to 83% due to the increase in the target.

Table 24: Progress by Polder in Key RAP Activities – Package 01

SI No	Variables	Target	Cum Achieved up to March 2016 in %					Cum Achieved up to June 2016 in %				
			32	33	35/1	35/3	Total	32	33	35/1	35/3	Total
1	Devise ID No.	5307	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	Video Filming		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
3	Photography of non-titled EPs Package	5307	99%	97%	85%	93%	93%	99%	97%	85%	93%	93.5%
4	ID Card preparation	5307	93%	92%	93%	88%	93%	100%	96%	86%	95%	94%
5	ID Card Issuance by XEN	5307	89%	84%	73%	88%	83%	90%	84%	81%	79%	85%
6	ID Card Distribution to EPs	5307	59%	48%	37%	73%	49%	85%	77%	59%	71%	73%
7	Focused Group Formation (No)	237	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
8	Focused Group Discussions	No Target	Continual Process				774 meetings	Continual Process				949 meetings
9	Bank Account Opening	5307	93%	93%	77%	88%	88%	98%	94%	84%	85%	92%
10	Collection of NID	5307	93%	93%	86%	95%	91%	98%	94%	84%	95%	92%
11	Collection of Certificates from LG	5307	93%	93%	80%	95%	89%	98%	94%	84%	95%	92%
12	Distribution of Information Brochure	6630	91%	100%	88%	73%	94%	100%	100%	66%	59%	83%

Source: RAP Consultants

The RAP 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 RAP Consultants have undertaken a substantial consultative process as evidenced by the number of consultations they have reported. Many groups have received three or more rounds of consultation so far.

Table 25: Focus Group Formation and Meetings (number)

Polder No.	Status on 31 Mar 2016		Status on 30 June 2016		Total
	Focus Groups Formed	Focus Group Discussions	Focus Groups Formed	Focus Group Discussions	
32	68	224	68	308	
33	63	246	63	307	
35/1	75	252	75	263	
35/3	15	52	15	71	
Total	221	774	221	949	

Polder No.	Round 1	Round 2	Round 3	Round 4	Total
32	83	78	79	68	308
33	71	79	77	80	307
35/1	78	63	61	61	263
35/3	18	18	18	17	71
Total	250	238	235	226	949

Source: RAP Consultants

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

Agenda of 1st Round FGD Meeting

1. Group Formation
2. Selection Member of FGD Committee
3. Select Designation of committee members
4. Describe objectives of FGD
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 the key steps in Package 01 RAP implementation are progressing well, though the work of the JVS team seems to be stalled in Polder 35/1 and also the land valuation has not been completed. RAP continues to be on the critical path for handing over of sites for construction work. 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 except for land. The rates for these assets were approved in June 2016 during the 4th Quarter. Finalizing the compensation rates, especially for land, and the subsequent processing of payments are the remaining crucial steps. Based on initial estimates presented in the second quarter, the vacating of embankment and construction sites would take about 7 months from 01 January 2016. In the third quarter, this estimate was revised to about 01 October 2016. Now, based on the progress made through 30 June 2016, an optimistic estimate for all resettled persons to vacate the construction sites is 01 December 2016. Of course, it is expected that non-titled EPs may vacate the lands by around October 2016 since checks for payments to approximately 1157 non-titled EPs have been prepared and will be released shortly and the balance of such EPs are expected to be compensated in the 1st quarter of FY2016/2017.

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

3.2.2.2 RAP for Package 02

A draft RAP was submitted to PMU for comments and observation in the 3rd 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 and from 06 March 2016 the IOL is being updated accordingly as required by the TOR before implementing the RAP. LAPs were submitted to PMU in the 3rd quarter for review and field-truthing at XEN level. XENs are now verifying the LAPs and making them final at their end. During this 4th quarter, LAPs for polders 39/2C, 41/1, 43/2C, 47/2, 48 have been reviewed in detail via field visits by concerned XEN or their representatives and are in process of being finalized. Final LA Plan as per requirements of the DC offices for polders 43/2C, 47/2 and 48 have been completed. Same is being prepared for polder 39/2C and polder 40/2 and expected to be completed early in Q1 of FY 2016/2017. All LAPs will also be submitted to PMU for submission as LA proposal to concerned DC early in the next quarter.

Consultation meetings were held at community level to declare the cut-off date (06 March 2016) for the squatters and unauthorized occupants.

Field level updating of the inventory started in March 2016 and was completed in June 2016. This involved consultation meetings, household surveys, property valuation surveys, video filming and collection of khatians. Data entry is completed and data validation is ongoing. The draft RAP on the basis of updated IOL is expected to be ready by end of August 2016.

Table 26: Summary Progress of LAP and RAP Implementation – Package 02

Sl. No.	Milestone Actions	Target date of completion	Target to achieve in %	Progress as of 31 Dec 2015	Progress as of 31 Mar 2016	Progress as of 30 Jun 2016	Remarks
1	RAP overall	31 Oct 2015, originally	100% in 6 polders	Fieldwork completed	RAP submitted in Feb 2016	RAP re-submitted to PMU on 16 May 2016	Comments of the WB on RAP was incorporated and submitted to PMU
2	LAP overall	30 Nov 2015, originally	100% in 6 polders	Fieldwork in process	LAPs submitted March 2016; under review by PMU/XENs	After review by XENs, final LAPs for 43/2C, 47/2 and 48 have been prepared on Tracing papers	Listed LAPs have been prepared as per requirement of XENs and DC office Patuakhali. Clearance from XENs for other polders (39/2C, 40/2, 41/1) is pending.
3	Census		100% in 6 polders	100%	100%	100%	Conducted 01 June – 31 Oct 2015
4	IOL Survey		100% in 6 polders	100% initial survey	Update underway; 25% complete	100%	IOL survey completed. Data is being checked and verified
5	Video recording of assets in ROW		100% in 6 polders	Done	Done	50%	After updating of IOL, video filming is being done again. Polder 40/2, 41/1, 43/2C is completed and remaining 03 polders pending
6	Market survey		100% in 6 polders	Done	Done	Done (100%)	Market survey is done again after updating of IOL
7	Mouza maps collected		100% in 6 polders	Done	Done	Done (100%)	All Mouza maps have been collected and LAPs prepared
8	Land survey per designed alignment		100% in 6 polders	Started	Preliminary survey completed	80%	Due to changing of alignment at various locations land survey is being done again and again.

Source: RAP Consultants

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, the RAP/LAP team has requested PMU to write letter to concerned BWDB Offices to provide such information on previously acquired land.

3.2.2.4 Challenges Encountered During RAP Preparation and Implementation

During the conduct of surveys and preparation of documents for implementation of the RAP in Package 1 and 2, field level professionals and staff have encountered some **challenges**. The RAP Consultants have been able to overcome most of these challenges in consultation with PMU. Some major challenges encountered and mitigation measures taken are stated below:

Challenges encountered:

- Previous land acquisition record is not readily available in local BWDB Offices. As lands previously thought to be private are found to be owned by BWDB, the land acquisition

requirements have been reduced and the number of title-holders affected by the project has declined while the number of squatters has increased.

- Existing alignment does not follow the actual acquired alignment.

Measures taken to overcome challenges:

- The JVS team is working diligently to sort out which sections have already been acquired earlier by BWDB.
- All alignment issues in regard to land acquisition have been finalized except for a limited area within Barguna District Town in Polder 41/1. The latter has been resolved through a set of consultations during the quarter.

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 have been issued by the Department of Environment of GoB. 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. The first of these, for polder 39/2C, was submitted to the World Bank 18 February 2016 as a draft for comment and again on 10 March and 30 March 2016. The World Bank has provided its comments on 12 June 2016. The EIA for Polder 41/1 was submitted to WB on 03 November 2015 and again on 10 May 2016 and the second set of comments received from WB on 12 June 2016. These EIAs are being revised as needed. The draft final versions of EIAs for the other four polders were resubmitted to the WB for comment during the 4th quarter and comments are awaited.

As background, BWDB applied to the DoE for obtaining environmental clearance certificate on 31 March 2013 and DoE issued a site clearance certificate on 05 June 2013 with an approved ToR to carry out the EIA study. Accordingly, EIAs of the four Polders (32, 33, 35/1 and 35/3) under Package 1 have been prepared in accordance with the national regulatory requirements and the World Bank safeguard policies. The findings of the EIA study were presented to the DoE Office on 11 August 2015. On 08 October 2015, the DoE issued an Environmental Clearance Certificate (ECC) to the Project Director of CEIP-I for the Polders 32, 33, 35/1 and 35/3 with file number “DOE/Clearance/5196/2013/501”. The ECC is valid for one year so it must be renewed not later than 07 October 2016.

Table 27: 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 2015; 03 Feb 2016	02 Nov 2015	18 Feb 2016;	03 Nov 2015;	17 Nov 2015;	18 Feb 2016;	Aug 2016		

Bangladesh Water Development Board (BWDB)
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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
						30 Mar 2016		2nd comment 12 Jun 2016	30 Mar 2016			
6	40/2	2	Done	05 Oct 2015; 24 Mar 2016; 20 Apr 2016	02 Nov 2015; 31 Mar 2016; 09 May 2016	10 May 2016	03 Nov 2015;	17 Nov 2015;	10 May 2016	Aug 2016		
7	41/1	2	Done	05 Oct 2015; 30 Mar 2016	02 Nov 2015; 09 May 2016*	03 Apr 2016	03 Nov 2015	17 Nov 2015 2nd comment 12 Jun 2016	03 Apr 2016	Aug 2016		
8	43/2C	2	Done	05 Oct 2015; 19 May 2016	02 Nov 2015; 22 May 2016	16 Jun 2016	03 Nov 2015;	17 Nov 2015;	19 Jun 2016	Aug 2016		
9	47/2	2	Done	05 Oct 2015; Apr 2016	02 Nov 2015; 21 Apr 2016	28 Apr 2016	03 Nov 2015	17 Nov 2015	28 Apr 2016	Aug 2016		
10	48	2	Done	05 Oct 2015; 04 Apr 2016	02 Nov 2015; 11 Apr 2016 10 Aug 2016	13 Apr 2016	03 Nov 2015;	17 Nov 2015; 2nd comment 08 Aug 2016	18 Apr 2016	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 expected to be completed by July 2016 after which time 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, two have already been reviewed so far 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 28: Status of Preparation of EIA for Package 3 as of 30 June 2016

S. No.	Polder No.	Status	Remarks
1.	Polder 14/1	Review has been completed and sent back to CEGIS for addressing the comments	The report will be sent to PMU office immediately after obtaining the same from CEGIS
2.	Polder 15	Review has been completed and sent back to CEGIS for addressing the comments	The report will be sent to PMU office immediately after obtaining the same from CEGIS
3.	Polder 16	Being reviewed by the consultant	After review the draft report will be sent to PMU
4.	Polder 17/1	Being reviewed by the consultant	After review the draft report will be sent to PMU
5.	Polder 17/2	Being reviewed by the consultant	After review the draft report will be sent to PMU
6.	Polder 23	Being reviewed by the consultant	After review the draft report will be sent to PMU
7.	Polder 34/3	Being reviewed by the consultant	After review the draft report will be sent to PMU

Comments recently made by the M&E Consultants on the fishery 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.

Afforestation 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 29: 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 Works Package 01

3.3.1.1 Design Status of Package 01

All geotechnical surveys and investigations under Package 01 have been completed. Likewise, the modeling has been completed on which basis design parameters were decided. Detailed design has been completed for package 01 works, though revisions are being made as needed based on field conditions. Based on results of geotechnical investigations, the Package 01 designs were verified and have been modified accordingly specifically with regard to foundation and stability aspects.

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. It is understood that the DDCS&PMSC undertook the required site supervision activities. However, daily or weekly site reports are not yet 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 however needs further improvements.

3.3.2 Outputs of C1: Detailed Design and Construction Supervision Works 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 and results have 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 30: Status of Detailed Designs of Drainage Sluices-Package 02

S. No.	Polder	Drainage Sluices to be Designed (No)						Approved	
		Project Target	31-Mar-16	31-Mar-16	Apr-Jun 2016	30-Jun-16	30-Jun-16	31-Mar-16	30-Jun-16
			Cum Achieved	% Achieved	During the Quarter	Cum Achieved	% Achieved	Cum Achieved	Cum Achieved
1	Polder- 39/2C	13	5	38%	8	13	100%		
2	Polder- 40/2	9	5	56%	4	9	100%	1	2
3	Polder- 41/1	10	4	40%	6	10	100%		1
4	Polder- 43/2C	8	3	38%	5	8	100%		
5	Polder- 47/2	4	2	50%	2	4	100%		
6	Polder- 48	6	4	67%	2	6	100%	2	2
	Total	50	23	46%	27	50	100%	3	5

Source: M&E calculations based on DDCS&PMS Consultant data

Table 31: Status of Detailed Designs of Flushing Sluices-Package 02

S. No.	Polder	Flushing Sluices to be Designed (No)						Approved	
		Project Target	31-Mar-16	31-Mar-16	Jan-Mar 2016	31-Mar-16	30-Jun-16	31-Mar-16	30-Jun-16
			Cum Achievement	% Achieved	During the Quarter	Cum Achievement	% Achieved	Cum Achieved	Cum Achieved
1	Polder- 39/2C	22	(3)	typical designs under preparation	10	10	45%		
2	Polder- 40/2	18 (13)	(3)						
3	Polder- 41/1	19 (16)	(2)						
4	Polder- 43/2C	14	(2)						
5	Polder- 47/2	5	(2)						
6	Polder- 48	3	(1)						
	Total	81 (73)	(13)		10	10	12%	0	0

Note: The targets numbers in parentheses were the targets reported last quarter.

Note: The number in parentheses in the Cum Achievement column are the number of typical designs completed.

Note: The typical designs cover the range of sluice classes with classified locations.

Source: M&E calculations based on DDCS&PMS Consultant data

Table 32: Status of Detailed Design of Embankments-Package 02

S. No.	Polder	Embankments to be Designed (No)						Length (kms)	Approved	
		Project Target	31-Mar-16	31-Mar-16	Apr-Jun 2016	30-Jun-16	30-Jun-16		31-Mar-16	30-Jun-16
			Cum Achievement	% Achieved	During the Quarter	Cum Achievement	% Achieved		Cum Achieved	Cum Achieved
1	Polder- 39/2C	1	see Note d	100%	done earlier	see Note d	100%	59.25	0	0
2	Polder- 40/2	1	see Note d	100%	done earlier	see Note d	100%	34.40	0	0
3	Polder- 41/1	1	see Note c	80%	progress c to d	see Note d	100%	33.81	0	0
4	Polder- 43/2C	1	see Note c	80%	progress c to d	see Note d	100%	25.70	0	0
5	Polder- 47/2	1	see Note d	100%	done earlier	see Note d	100%	17.55	0	0
6	Polder- 48	1	see Note d	100%	done earlier	see Note d	100%	38.00	0	0
	Total	6	4	93%	2	6	100%	208.71	0	0

Note a: Design data have been received from IWM.

Note b: Designs under preparation

Note c: Designs sent to Design Circle-2 for approval

Note d: Embankment design of P-40/2, 39/2C, 47/2 and 48 have been approved by Design Circle-2.

Table 33: Status Detailed Designs of Drainage Channels-Package 02

S. No.	Polder	Drainage Channels to be Designed (No)						Length (kms)	Approved	
		Project Target	31-Mar-16	31-Mar-16	Apr-Jun 2016	30-Jun-16	30-Jun-16		31-Mar-16	30-Jun-16
			Cum Achievement	% Achieved	During the Quarter	Cum Achievement	% Achieved		Cum Achieved	Cum Achieved
1	Polder- 39/2C	13	see Note b	20%	design work	see Note b	30%	51.48	0	0
2	Polder- 40/2	9	see Note c	80%	no change	see Note d	100%	40.94	0	0
3	Polder- 41/1	10	see Note b	20%	design work	see Note b	30%	36.20	0	0
4	Polder- 43/2C	8	see Note b	20%	design work	see Note b	30%	20.66	0	0
5	Polder- 47/2	4	see Note b	20%	no change	see Note d	100%	13.32	0	0
6	Polder- 48	6	see Note b	20%	no change	see Note d	100%	42.38	0	0
	Total	50		30%			65%	204.98	0	0

Note a: Design data have been received from IWM.

Note b: The designs of drainage channels of remaining Polders are under preparation and expected to be completed next quarter, rather than March 2016.

Note c: Design drawings of Drainage Channels for Polder 40/2 have been sent to Design Circle-2.

Note d: Design approved by Design Circle-2.

Source: M&E calculations based on DDCS&PMS Consultant data

Table 34: Status of Detailed Design of Riverbank Protection-Package 03

S. No.	Polder	Riverbank Protection to be Designed (km)						Approved	
		Project Target*	31-Mar-16	31-Mar-16	Apr-Jun 2016	30-Jun-16	30-Jun-16	31-Mar-16	30-Jun-16
			Cum Achieved	% Achieved	During the Quarter	Cum Achieved	% Achieved	Cum Achieved	Cum Achieved
1	Polder- 39/2C	3.500	see Note c	80%	no change	see Note c	80%	0	0
2	Polder- 40/2							0	0
3	Polder- 41/1	0.875	see Note b1	80%	revised	see Note c	80%		
4	Polder- 43/2C	0.500	see Note b1	80%	revised	see Note c	80%	0	0
5	Polder- 47/2	0.520	see Note b1	80%	revised	see Note c	80%		
6	Polder- 48							0	0
	Total	5.395	5.395	80%	5.395	5.395	80%	0	0
* Original targets have been revised after detailed field surveys. Original targets were: 1.00 km for P-41/1, 4.00 km for P-39/2C, 0.80 km for P-43/2C, and 0.52 km for P-47/2 for total of 4.320									
Note a: Design data have been received from IWM.									
Note b: Designs under preparation; Note b1: Designs under revision									
Note c: Designs sent to Design Circle-2 for approval (including Polder 32 design, sent to Design									
Note d: Design approved by Design Circle-2.									

Source: M&E calculations based on DDCS&PMS Consultant data

Table 35: Status Detailed Designs of Embankment Slope Protection-Package 02

S. No.	Polder	Embankment Slope Protection to be Designed (km)						Approved	
		Project Target*	31-Mar-16	31-Mar-16	Apr-Jun 2016	30-Jun-16	30-Jun-16	31-Mar-16	30-Jun-16
			Cum Achieved	% Achieved	During the Quarter	Cum Achieved	% Achieved	Cum Achieved	Cum Achieved
1	Polder- 39/2C	4.000	see Note d	100%	done earlier	see Note d	100%	0	4.000
2	Polder- 40/2	1.137	see Note d	100%	done earlier	see Note d	100%	0	1.137
3	Polder- 41/1								
4	Polder- 43/2C	0.261	see Note c	80%	progress c to d	see Note d	100%	0	0.261
5	Polder- 47/2								
6	Polder- 48	3.989	see Note d	100%	done earlier	see Note d	100%	0	3.989
	Total	9.387		95%			100%	0	9.387
* Original targets have been revised after detailed field surveys. Original targets were: 1.66 km for P-40/2, 4.00 km for P-39/2C, 1.10 km for P-43/2C, and 2.51 km for P-48 for total of 9.270									
Note a: Design parameters are in the process of being finalized.									
Note b: Designs under preparation									
Note c: Designs sent to Design Circle-2 for approval									
Note d: Design approved by Design Circle-2.									

Source: M&E calculations based on DDCS&PMS Consultant data

Table 36: Status of Design of Other Elements-Package 02

SI No.	Polder	Flood Wall (Km)			Paved Road (Km)			Closure (No.)			Gates & Hoists					
		Target	Achievement		Target	Achievement		Target	Achievement		Drainage Sluice (No.)			Flushing Sluice (No.)		
			Design Prepared (**)	Design Approved		Design Prepared (**)	Design Approved		Design Prepared (**)	Design Approved	Target	Design Prepared (***)	Design Approved	Target	Design Prepared (***)	Design Approved
1.	39/2C	1.95	-	-	11.04	11.04	11.04	8	-	-	1	1	-	1	-	-
2.	40/2	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	-	-	-	5.50	5.50	5.50	-	-	-	1	1	-	1	-	-
5.	47/2	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
6.	48	-	-	-	7.00	7.00	7.00	-	-	-	1	1	1	1	1	1
Total:		17.00	7.90	-	50.29	50.29	50.29	8	-	-	6	6	4	6	4	4

(**) 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.

Source: DDCS&PMS Consultant

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.

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 Works Package 03

3.3.3.1 Design Status of Package 03

Modeling for detailed design is underway.

3.3.3.2 Preparation of Bidding Documents for Package 03

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

- Preparation of Bidding Documents for Package-3 commenced by taking into account the lessons learned from Package-1 and Package-2;
- 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 02 is not yet awarded.

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

3.3.4.1 Current Quarter

Key activities performed during the current quarter are summarized in this section.

Baseline Survey

The data collection phase of the baseline survey was undertaken during the quarter. A total of 40 enumerators and ten supervisors were engaged and trained to collect data from over 5000 households. The data collection took over two full months – from early April to mid-June – given the dispersion of the sites, the large sample size and the somewhat lengthy questionnaire which took from 40 to 90 minutes to complete depending on the diversity of activities the household engaged in

and whether they were being resettled. Four major categories of households were surveyed as follows:

1. CEIP-1 households (aka “General Survey”) –	2,244 households
2. PAH households to be resettled (“PAH Survey”) –	1,444 households
3. Non-Project households (“Control Survey”) –	1,152 households
4. Case Study Polders –	<u>192 households</u>
TOTAL	5,032 households

The case studies cover:

1. Polder 22, which is considered as a “model” polder. This polder has been rehabilitated about two decades ago, but is in very good condition. There may be lessons worth extracting with respect to water management, O&M, etc.
2. “Polder 35/2” which has no embankment and thus is not actually a polder. It will serve as a counter-example as to what damage and disruptions occur without the embankments in place.

The selection of the polders (both project and control) was done in collaboration with BWDB officials and knowledgeable resource persons to make sure that the conditions in the project area are fully spanned and that the control polders were as similar as possible to the CEIP-1 polders. This involved multi-criteria analysis as well as some compromises since control polders were somewhat different than the priority polders selected for inclusion in projects such as CEIP-1, Blue Gold, ECRRP, etc. Annex 11 contains some details on the selection process.

The polders selected for study are shown on the Figure on the next page. They are:

- CEIP-1 Polders: All 17 polders
- Control Polders: 7/1, 13-14/2, 21, 29, 34/1, 40/1, 41/2, 43/2E, 47/1, 47/4, 50-51 and 55/1
- Case Study Polders: 22, 35/2

All field work was completed during the quarter. Data entry has begun, after the design and preparation of data entry screens with pull down menus and validations checks. This will minimize data entry error.

Field Visits

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

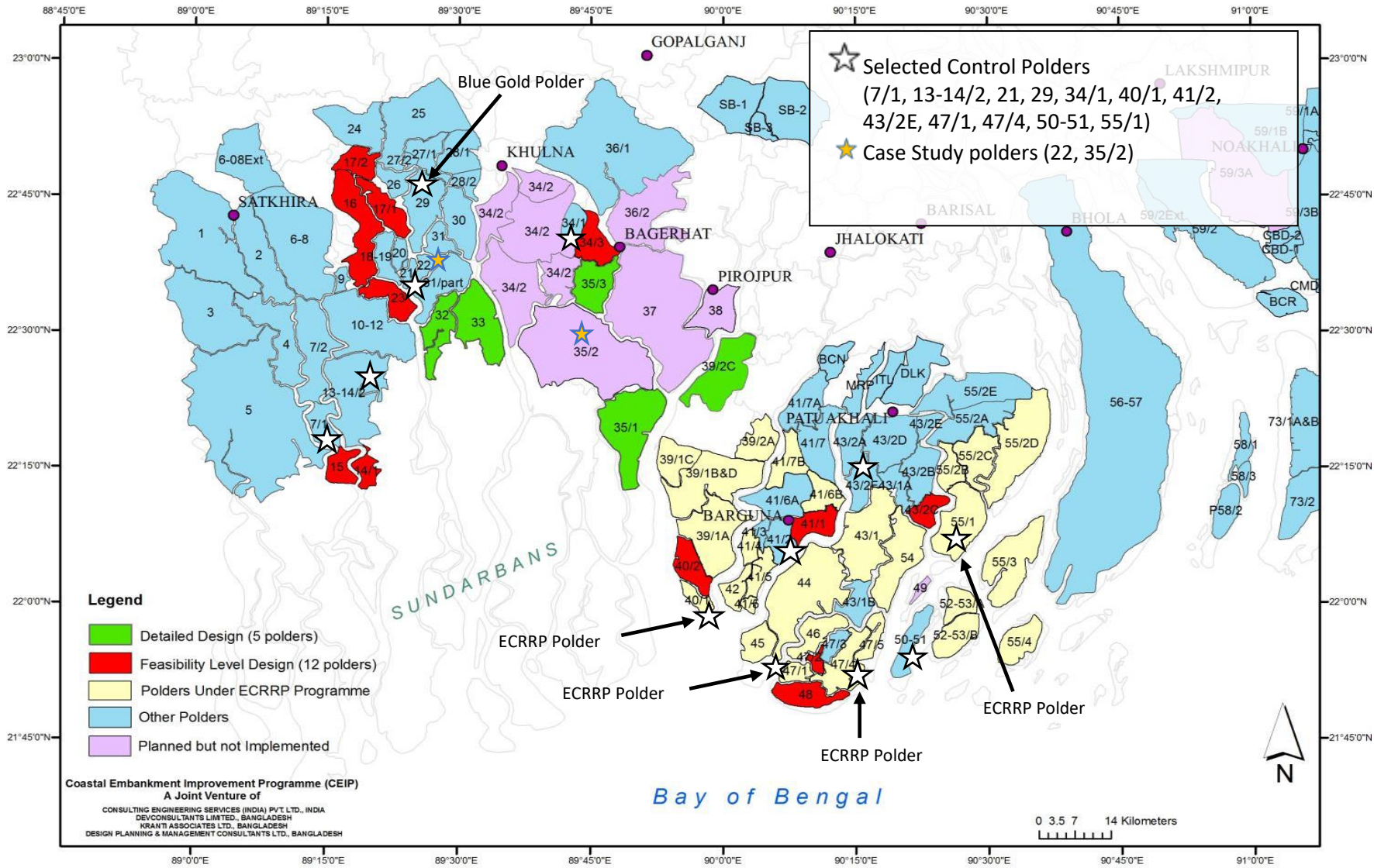
Reports and Document Reviews

The M&E team:

- Submitted the Final Comprehensive M&E Framework and Strategy Document taking into account the comments from the multi-stakeholder workshop
- Prepared the 2nd Quarterly Progress Report consolidating the progress for CEIP-1 Overall
- Prepared briefing materials for PMU in advance of the World Bank mission of June 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. Some programming has commenced.



**Figure 3: CEIP-1
Project and
Control Polders for
Baseline Survey**

3.3.4.2 Prior Quarters

Key activities performed by the M&E Consultants during prior quarters are noted below.

Mobilization

Office and Staff in place and Kickoff Meeting conducted.

Inception Workshop

The M&E Inception Report was conducted on 10 January 2016 to review the M&E Consultant's work program and approach, to identify issues affecting the implementation of the services, to solicit the views of participants and to continue to build working relationships across organizational boundaries. There were 44 participants, which included:

- the Honorable Minister, State Minister, Secretary, Joint Chief and other senior officials of the Ministry of Water Resources;
- the Director General, Additional DG (Planning), Chief of Planning, Chief of Monitoring, several Project Directors and other senior officials of BWDB;
- CEIP-1 Project Director and PMU staff;
- Independent Panel of Experts –Dr. Nishat Ainun, Professor Emeritus, BRAC;
- CEIP-1 Consultants;
- representatives of other water-related organizations; and
- representatives of other projects

Key outcomes of the workshop included agreement on the indicators to be monitored and agreement in principle regarding the need to:

- Mainstream M&E (BWDB initiative and counterparts required)
- Add resources to the M&E Consultant's contract to cover the additional work connected with undertaking multiple baselines as now required and an additional mid-term review, the need for a gender specialist on the team and support to PMU in the area of contract management and claims advice.

Inception Report

The Inception Report was submitted on 26 December 2016 ahead of schedule. The final version of the Inception Report was issued in February 2016, taking into account the comments and views from stakeholders at the Inception Workshop. It was approved by the Project Steering Committee in March 2016.

Comprehensive M&E Framework and Strategy Document

The draft Comprehensive M&E Framework and Strategy document was submitted in February 2016. It contains:

- CEIP-1 Results framework
- Key performance and process indicators
- Performance Indicator Reference Sheets which specify the precise definition of the indicator, rationale/utility statement, type of disaggregation, data collection method, responsibility, timing/frequency, data limitations and actions to be taken to address these limitations.
- Performance Monitoring Plan
- Evaluation Plan
- Impact Evaluation and Baseline Methodology including sample size estimate
- Knowledge Management Strategy

M&E Framework and Strategy Workshop

The draft Comprehensive M&E Framework and Strategy document was presented and discussed at a Workshop convened for the purpose at BWDB headquarters on 21 March 2016. The workshop was presided over by the DG and chaired by ADG (Planning) with Chief Planning, Chief Monitoring, several Project Directors and other senior officials of BWDB in attendance. Also in attendance were CEIP-1 Project Director with selected PMU staff, the DDCS&PMS Consultants, representatives from other projects and the M&E Consultant's team.

Develop initial web-based PMIS

The requirements of the web-based PMIS were sketched out during the quarter and the architecture of the database was under development.

Baseline Survey

The baseline survey instruments (questionnaires) were developed for the socio-economic survey of three groups: 1) the general polder population, 2) the project-affected households and 3) the control polders. The instruments were shared with the PD CEIP-1 and BWDB senior officials for comment. They were then pre-tested (in Bengali language) over the course of the last week of March 2016 employing seven supervisors who received three days of intensive training in Dhaka (22-24 March) before continuing their training in the field. Debriefing of the field test/training was conducted back in Dhaka for several days starting 30 March in order to finalize the survey questionnaires. Three additional supervisors were added to the team (for a total of ten) and 40 enumerators were hired and trained starting 30 March as well. There would thus be 10 teams for data collection comprising of 4 enumerators and 1 supervisor each.

Development of the sampling frame was a severe challenge. No polder-level data exists regarding population numbers nor are there lists of villages belonging to a polder since polders are not administrative units. One union parishad or even a mouza often crosses more than one polder. With the use of google maps and GIS data on upazila and mouza boundaries, the M&E Consultants were able to generate lists of villages that were then confirmed to be in or out of the polder using various sources such as maps, reports and extensive direct phone communication with BWDB and upazila and union parishad officials. Once the full list of villages was finalized, the population of these was ascertained from the BBS 2011 census data for purposes of allowing sample selection for the general polder population survey on the basis of "probability proportional to size" (PPS). Villages were then selected randomly and clusters of 12 households would be selected in these villages.

To allow a random selection of the 12 households to be drawn from a given village, the Baseline Survey Coordinator would have to travel to the Union Parishad office each selected village where handwritten lists were available of every household. Using a random number generator, the households were selected from these lists using interval sampling. As of 31 March 2016, the specific households to be sampled (along with alternates in case they might be needed) were drawn for all package 01 polders.

Review of EIAs

The M&E Consultants have reviewed and provided their comments on the EIAs prepared by the DDCS&PMSC for polders 40/2, 41/1 and 48 during the quarter.

Field Visits and Meetings

Several Field Visits and Meetings with BWDB field staff, community leaders, farmers, fishers, shop owners, landless, and other project affected persons and beneficiaries took place during the quarter. This involved meetings with DDCS&PMSC and the Contractor for Works Package W-01. PD and PMU staff were frequently consulted and debriefings provided.

Reports submitted

Reports submitted in prior quarters:

1. Inception Report (draft and final)
2. Comprehensive M&E Framework and Strategy (draft)
3. Field Visit Reports
4. Quarterly Progress Report #1 for CEIP-1 Overall
5. Survey Questionnaire

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 will have 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 37: 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 screens under development and some data entry 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 	Started, ongoing.
<ul style="list-style-type: none"> • Assist PMU in its Preparation of RBM-Compliant Quarterly and Annual Reports 	Started, ongoing.
<ul style="list-style-type: none"> • Provide Recommendations, Briefings and Support to PMU and PSC for Improved Implementation 	Ongoing
<ul style="list-style-type: none"> • Conduct Field Studies, Video Documentation 	Started, ongoing.
<ul style="list-style-type: none"> • Supervise and Monitor EMF Implementation 	Started, ongoing.
<ul style="list-style-type: none"> • Supervise and Monitor SMRPF and RAP Implementation 	Started, ongoing.
<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 	Started, ongoing
<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 	Three field visit reports prepared; briefing documents prepared for two World Bank missions.

Source: M&E Consultants

Figure 4: 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 underway.

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 38: 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.
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; shortlisting in process
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. Review of TORs for the remaining members is planned for next quarter.

3.4.1.2 Financial Management

Table 39: 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.
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 in process. No payments issued yet.

Sl. No.	Action Item	Status
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 (current quarter) is expected to be submitted in August 2016. The 3 rd Quarter IUFR was submitted in June. 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 DD&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 will prepare a response to FAPAD and the findings are expected to be removed.
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.	Not yet carried out
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 date of the meeting.	Not yet established
9	The Project will follow the Public Works Department (PWD) Accounts Code/Manual with updating (BWDB system). Should it become necessary, PMU will prepare a separate FM Manual for the project, which will be aligned with BWDB's financial management, compatible with the agreed funds flow arrangements and reviewed by the Bank.	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 quarter although two international training events were conducted earlier in the year.

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.

4.0 KEY PERFORMANCE INDICATORS

The key performance indicators as defined by the PAD/DPP are listed below along with their cumulative values. A more detailed table showing targets and achievements is found in Annex 8.

Table 40: 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 31 Mar 2016	Cumulative Value as of 30 Jun 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 31 Mar 2016	Cumulative Value as of 30 Jun 2016
5	Length of upgraded embankment	output	623 km	0.000 kms done; 4.715 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)

5.0 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 DDSC&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 41: 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 95% completed by 30 September 2016 and fully completed by December. Detailed designs are 70% complete as of the close of the quarter ending 30 June 2016 and expected to be fully completed in the first quarter of FY 2016/17.

As for bids, the submission due date was extended to 24 March 2016. The target for purchasing committee approval was 4th Quarter of FY 2015/16, but the Bid Evaluation Report was submitted to the WB on 19 June 2016. This means that the purchasing committee approval may occur in first quarter of FY 2016/17, with contract signing likely in October or November 2016. The WB mission sought a target date of 30 September for contract signing.

5.1.1.3 Works Package 03

No works will be undertaken as the procurement of the Contractor is not planned until 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 this time.

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 by September 2016
- Completing Bengali translation of RAP by September 2016
- 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 42: LAP and RAP Plans for Next Two Quarters – Package 01

S.N.	Activities to be carried out	Completion date	Remarks
01	Finalize Package 01 RAP	30 September 2016	
02	Complete Bengali translation of Package 01 RAP	30 September 2016	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	
04	Program for development of database of land ownership and land taking under existing embankments with timetable.	31 July 2016	
05	Strategy and action plan for permanent relocation of displaced squatters	31 August 2016	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 43: LAP and RAP Plans for Next Two Quarters – Package 02

S.N.	Activities to be carried out	Completion date	Remarks
01	Submission of 3 Remaining LAPs as per requirement of DC offices	September 10, 2016	3 LAPs are already submitted. Per WB Aide Memoire, target date is 31 Jul 2016.
02	Checking and validation of updated IOL data with data sheet at the field level	September 30, 2016	
03	Devising ID number of EPs	October 15, 2016	
04	Focused group formation	August 31, 2016	
05	Focused Group discussion	ongoing	FGDs are going on
06	Photography of EPs	November 2016	Target 90%
07	Preparation of ID cards	December 15, 2016	Target 90%
08	Collection of necessary papers (NID, Bank Account Slip, Trade License, etc.)	December 15, 2016	Target 90%
09	Formation of PAVC and GRC	October 31, 2016	
10	Determination of unit rate for structure and trees	November 30, 2016	
11	Updating of Resettlement Action Plan	December 31, 2016	With updated IOL data and PAVC recommended rates
12	Determination of individual entitlement	December 31, 2016	

Source: RAP Consultants

Table 44: LAP and RAP Plans for Next Two Quarters – Package 03

S.N.	Activities to be carried out	Completion date	Remarks
01	Collection of information from BWDB local offices on previously acquired land	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 Consultants

Figure 5: 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 6: 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 DDSCS&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 45: Environmental Safeguards Plans for Next Two Quarters

S.N.	Activities to be carried out	Completion date	Remarks
01	Prepare and Submit Bi-Annual Environmental Monitoring Report	31 July 2016	DDCS&PMSC, M&E and PMU to prepare collaboratively
02	Completion of EIAs for six polders of Package 02	15 August 2016	Draft EIAs have been submitted for all six polders; WB provided comments on 17 August 2016.
03	EIAs for 7 polders of Package 03	First drafts by 30 Sep 2016; Final versions by 30 Nov 2016	Per WB Aide Memoire of June 2016.
04	Environmental Action Plan for Package 01	31 August 2016	Per WB Aide Memoire of June 2016, due date was 15 July 2016. A draft was prepared and submitted to DDSCS&PMSC in July, but it is being further improved.

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 80% complete and storm surge and drainage modeling each 60% complete, the detailed design has actually commenced only in July 2016 (after the close of this reporting period). The DDSCS&PMSC projects the detailed design to be 30% complete by 30 September 2016 and 50% complete by 31 December 2016. This will make it challenging to issue the tender as expected by 31 January 2017 as noted in the Aide Memoire of June 2016. If the time required for the procurement is kept to a minimum, then the target date of 30 October 2017 for contract signing may still be met.

Table 46: 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	80% by 31 July 2016; 90% by 30 Sep 2016; 100% before 31 Dec 2016	As of 30 June 2016, stands at 60% done. WB Aide Memoire of June 2016 targets 100% by 31 July 2016.
2	Detailed Design of Package 02	80% by 31 July 2016; 100% by 30 Sep 2016	As of 30 June 2016, stands at 70% 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 June 2016, not yet started. 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 commenced 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. However it would be desirable to award Package 3 at least one month earlier in view of the observed start-up and mobilization delays of the contractor of package 1.

5.3.1.3 Construction Supervision

The DDSC&PMSC has mobilized its Field Supervision Team including the Construction Resident Engineer beginning in January 2016. Construction and supervision activities have started beginning mid- February 2016. However, during the field visits of the M&E Consultant it was noted that full Construction Supervision and Quality Assurance Systems were not yet in place as it was noted that systematic daily site reporting was not pursued. Manuals were not yet completed, nor approved nor issued. The site supervision team of the DDSC&PMSC would still need to undergo training on these manuals once they have been issued.

Table 47: Construction Supervision – Plans for Next Two Quarters

S.N.	Activities to be carried out	Completion date	Remarks
01	Contractor to submit acceptable Work Programme to be reviewed and approved by Engineer	September 2016	Contractor has submitted their Work Program 31 March 2016, but it lacks adequate description of Work Method and Procurement Schedule.

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

Key activities planned for next two quarters are:

1. Develop initial web-based PMIS (January-October 2016) and conduct PMIS Workshop (September/October 2016)
2. Draft and Final Baseline Survey Report (October and December 2016 respectively)
3. Baseline Survey Results Workshop (November 2016)
4. Commence Training Needs Assessment of BWDB in M&E (October 2016)
5. Review EIA, RAP documents (ongoing, as they are provided)
6. Assist in preparation of Bi-Annual Environmental Monitoring Report (July 2016)

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.

5.4.1.2 Financial Management

IUFR to be submitted each quarter, with 4th Quarter IUFR due by 15 August 2016 and 1st Quarter FY 2016/17 IUFR due by 15 November 2016.

Project Audit Committee will be discussed and decision made on its formation.

5.4.2 Planned Outputs of D2: Technical Assistance and Training

There has been no activity during the quarter although two international training events were conducted earlier in the year.

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.

6.0 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. 2 on 26 June 2016.

The first installment of 5% Advance Payment has been processed and received by the Contractor in both USD and BDT. On 3 June 2016, the Contractor requested the remaining 5% second installment and payment was made by the Employer on 30 June 2016.

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.

7.0 ISSUES AND RECOMMENDATIONS

Issue¹⁴ 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 in Inadequate

There is no change in the numbers of equipment mobilized compared with the previous quarterly report. The Contractor is at less than 50% of the required equipment strength as per the Engineer's estimate with especially inadequate numbers of excavators (14 of 49 estimated to be required), concrete mixing machines (7 of 26) and vessels (2 of 22).

Recommendation: Given that the monsoon season precludes earthwork, the Contractor should use this time to fortify its equipment fleet so that work can begin without delay and in earnest in October.

Red Flag Issues Unresolved from Prior Quarters

The following issues are the most critical among the issues remaining unresolved:

- Issue QPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment to Accommodate Cost Increases (and Change in the USD/SDR Exchange Rate)
- Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Stalled Last 3 Quarters
- Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management
- Issue QPR1-4: LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor

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 reviewed and revised by Independent Social Consultant in February 2013, it took more than three years to finalization of updated RAP. However the first payment to non-titled EPs has been done to some extent and the land acquisition process has been delayed due to the need for a decision on land valuation. Once land valuation is decided, there remain quite a number of steps to complete. Currently, it is projected that payments to the

¹⁴ 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.

last of the non-titled EPs in Package 01 will likely be completed only in February 2017 and the EPs are given 30 days after receiving their compensation to move. Compensation to most titled EPs for their land will stretch beyond that. Thus, during the next construction season, the Package W-01 Contractor will have to 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 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 has improved somewhat.	DDCS &PMS Consultant reports need further improvement in segregating activities and accomplishments by quarter, showing plans, and in precision.
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.	Any other required changes for works and consultancy services contracts should be captured and the revised DPP drafted.
Issue QPR2-3: JVS on Polder 35/1	BWDB may request the DC to give priority to completing (i) the	NOT RESOLVED. A short (about 1 km)	DC is now willing to do the JVS and is

Issues	Recommendation in brief	Status	Follow-up Actions
<p>and Land Valuation in Package 01 Appears Stalled</p> <p>Flagged RED</p>	<p>compensation rates for 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>stretch of embankment is pending JVS since late 2015. The DC has delayed because the original alignment would destroy a reservoir which is the main safe drinking water source. CEIP-1 will shift the alignment 5-6 m to preserve the reservoir.</p>	<p>reportedly planning to do so by mid-August.</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. Status of surveys is not ascertained. A table of reports is being provided by DDCS&PMSC, sometimes with review status.</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>DDCS&PMSC and M&E Consultants to meet to discuss alternatives. Meeting to be organized with PMU 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>RESOLVED.</p> <p>PMU, M&E Consultants and World Bank have provided guidance on the content of various environmental reports.</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. There is a plan to procure a few more vehicles and it is recommended that these vehicles be made available</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
	to the implementation staff in the field offices as the field work will soon intensify.		
<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 DDCS& PMSC site super-visors and Contractor’s Site Construction Managers, etc.</p>	<p>PARTIALLY RESOLVED.</p> <p>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:</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 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</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 DDCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could</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
	<p>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>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.</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 Project Manager. 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:</p> <p>Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</p>	<p>i. Contractor should bring in additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bangladeshi sub-contractor to assist not only with works, but with communication and cultural understanding.</p>	<p>i. RESOLVED</p> <p>ii. RESOLVED</p> <p>i. Contractor has appointed interpreters to serve on each of the four polders.</p> <p>ii. Contractor has hired a Bangladeshi sub-contractor.</p>	<p>Consider requiring communication as an explicit part of bid requirement for Package 03.</p>
<p>Issue QPR1-3:</p> <p>Procurement of Works Contractors</p>	<p>i. For future packages, the Pre-Qualification criteria should be reviewed and possibly adjusted (for</p>	<p>i. RESOLVED.</p> <p>ii. NOT RESOLVED.</p>	<p>Needs to be reviewed for Package 3 works.</p>

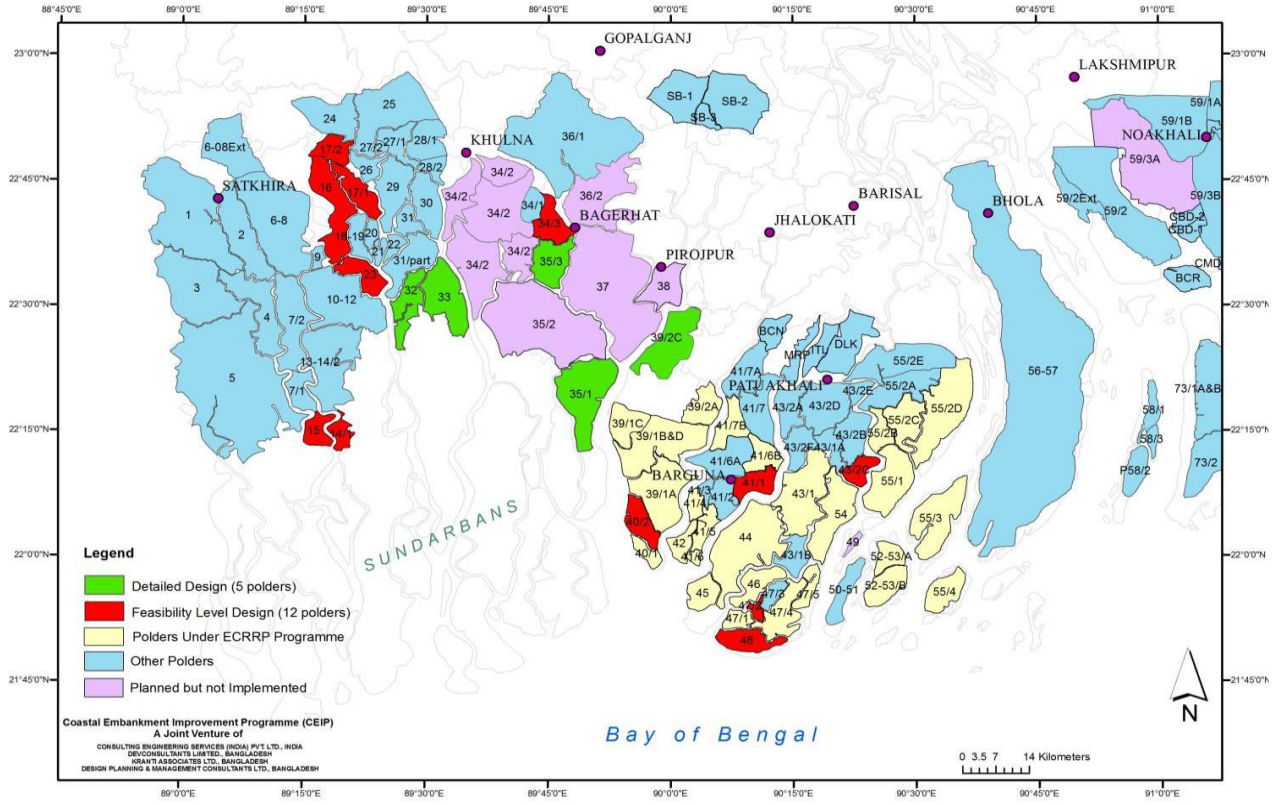
Issues	Recommendation in brief	Status	Follow-up Actions
<p>by ICB has failed to attract broad international interest</p>	<p>example, to better specify the meaning of experience in similar projects to include physical, logistic and complexity aspects relevant to the Bangladesh coastal zone) and past performance reference checks should be performed.</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>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>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. Formation of PAVC must be completed quickly.</p> <p>ii. PAVC must finalize the compensation rates for various types of losses without delay.</p> <p>iii. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDCS&PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p>	<p>i. RESOLVED FOR PKG 01</p> <p>ii. PARTIALLY RESOLVED</p> <p>iii. NOT RESOLVED</p> <p>i. PAVC formed for Package 01 in December 2015.</p> <p>ii. Rates for various assets set by PAVC. Land valuations not done for Package 01.</p> <p>iii. M&E Consultant has requested the DDCS&PMSC for a detailed risk assessment approach.</p> <p>This would also involve construction planning in modules of say 5 km stretches. As a first step, M&E Consultant analyzed the key milestones for the Non-entitlement APs process and provided these to the</p>	<p>PAVC for Package 02 may be formed without delay.</p> <p>PMU may request PAVC to expedite.</p> <p>Follow-up required to assess risks under each of the BoQ works categories.</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
		DDCS&PMSC. As a second step the M&E Consultant requested the DDCS&PMSC / KMC to provide LA requirement details for each of the 11 construction BoQ works items separately so as to assess risks better.	
<p>Issue QPR1-5:</p> <p>Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters</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</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>M&E Consultants to outline the requirements with justification.</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 begun to re-shape the April monthly progress report.</p>	<p>Follow-up to be continued.</p> <p>DDCS&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
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Annex 9	Issues from Prior Quarterly Reports
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Annex 11	Note on Selection of Control Polders for Baseline

Annex 1: Map of the Project Area



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

SI 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	Matbana, 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		
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. Rezaul Karim	01868-555198		
9	Sub Divisional Engineer	Mr. Md. Abdullah Al Mamun	01727-002788 01715-145975		
10	Sub Assistant Engineer	Mr. Biplob Kumar Gun	01715-007621		
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		

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
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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	

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 June 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	16.1	28.9	36%	29%
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	-	100%	100%
4	Sociologist/Resettlement Specialist	Dr. Salim Zaman			4	4.0	-	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%
7	Construction Resident Engineer-2	Gerard Pichel			30	6.0	24.0	20%	10%
8	Contract Management Specialist	Rob Brouwer			4		4.0		0%
9	Procurement Specialist	Barbara Hellet		21-Jan-15	4	2.7	1.3	66%	53%
10	Environmental Specialist	Henk Blok			8	0.5	7.5	7%	6%
11	Sociologist/Resettlement Specialist	Roy Timmer/Dr. Salim Zaman			8	1.2	6.8	15%	0%
12	Geo-Technical Engineer	Joost van der Schrier			4	2.6	1.4	65%	65%
13	Morphological Modeler	Henrik Rene Jensen			3	1.0	2.0	33%	15%
14	Environmental Specialist	Anders Malgrem Hansen		18-Feb-15	4	1.3	2.7	32%	32%
15	Estuary and River Morphology Modeler	Bo Brahtz Christensen			1	1.0	-	100%	100%
16	River and Coastal Expert	Ranjit Galappatti		22-Feb-15	3	3.0	-	100%	100%
Sub Total [Professional (Foreign)]					194	36.4	149.3	23%	14%

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	17.4	42.6	29%	24%
2	Deputy Resident Engineer-1	Mazibur Rahman Khan			60	9.8	50.2	16%	12%
3	Deputy Resident Engineer-2	Md. Gulzer Hossain			60	14.8	45.2	25%	20%
4	Design Engineer	Md. Anwar Hossain Bhuiyan		02-Feb-15	16	14.8	1.2	93%	74%
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	4.4	55.6	7%	4%
7	Design Engineer	Mr. Mahbubur Rahman		02-Feb-15	16	14.4	1.6	90%	71%
8	Environmentalist	Sheikh Muhammad Abdur Rashid		22-Feb-15	6	2.5	3.5	42%	38%
9	Sociologist/Resettlement Specialist	Md. Ferdous Rahman		22-Feb-15	20	14.8	5.2	74%	65%
10	Geographical Information System Expert	Md. Monirul Haque			6	3.2	2.8	53%	52%
11	Procurement Specialist	Md. Humayun Kabir			18	3.0	15.0	17%	17%
12	Senior Estimator-1	Md. Humayun Kabir			10	6.0	4.0	60%	30%
13	Senior Estimator-2	Md. Nazrul Islam			10	11.1	-1.1	111%	82%
14	Survey Engineer-1	Pankaj Kumar Moitra		18-Feb-15	18	12.3	5.7	68%	52%
15	Survey Engineer-2	Md. Amirul Islam			18	1.3	16.7	7%	7%
16	Survey Engineer-3	ABM Anwar Haidar		18-Feb-15	18	12.0	6.0	67%	50%
17	Junior Design Engineer-1	Ms. Selina Akhter			4	4.0	-	100%	100%
18	Junior Design Engineer-2	Ms. Shaikh Naureen Laila			4	6.5	-2.5	163%	93%
19	Auto CAD Specialist-1	Ms. Marjan Mallik			12	13.0	-1.0	108%	83%
20	Auto CAD Specialist-2	Biprojit Paul			12	7.5	4.5	63%	40%
21	River and Coastal Expert	Md.Zahirul Haque Khan		02-Feb-15	12	4.8	7.2	40%	34%

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
22	Construction Supervision Engineer-1	Md. Mukhlesur Rahman			60	7.6	52.4	13%	8%
23	Construction Supervision Engineer-2	Shyamal Kumar Dutta			60	7.7	52.3	13%	8%
24	Construction Supervision Engineer-3	SK Golam Quader			30	7.7	22.3	26%	16%
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	19%	17%
27	Quality Control Specialist-2	Md. Sekendar Ali			60	5.6	54.4	9%	4%
28	Procurement / Contract Management Specialist	Md. Tafazzal Ali			18	5.2	12.8	29%	23%
29	Environmental Specialist	Dr. Quazi Alamgir Kabir		10-Feb-15	35	5.5	29.5	16%	4%
30	Resettlement Specialist/Sociologist	Md. Mustafizur Rahman		01-Mar-15	20	11.3	8.7	57%	57%
31	Land Acquisition Officer	Benu Gopal Dey			18	8.3	9.7	46%	29%
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	8.0	4.0	67%	50%
35	Agronomist	Dr. Santosh Kumer Sarker		15-Feb-15	10	7.8	2.2	78%	48%
36	Fisheries Expert	Md. Mokammel Hossain		15-Feb-15	10	5.2	4.8	52%	52%
37	Economist	Md. Aminul Islam		02-Feb-15	10		10.0	0%	0%
	Sub Total [Professional (Local)]				895	268.6	626.4	30%	23%
		Total			1089	305.0	784.0	28%	22%

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	2.13	6.36	18.64	25.4%	16.9%
K-4A	M&E Specialist (Water Resources Engineer)	Michael Dembinski	Dhaka	01-Nov-15	8	1.18	3.09	4.92	38.6%	23.9%
K-6	Environmental Specialist	Abu Murshid	Dhaka	10-Nov-15	9	0.09	1.18	7.82	13.1%	12.1%
K-8	Social Safeguards Specialist	Mike Tyson-Taylor	Dhaka	02-Dec-15	10	0	1.00	9.00	10.0%	10.0%
National Key Staff										
K-2	DTL/GIS Info Management Spec.	Md. Mahidur Rahman Khan	Dhaka	20-Dec-15	30	1.18	4.50	25.50	15.0%	11.1%
K-3	Agric'l Economist/M&E Specialist	ABM Murshed Alam Siddiqui	Dhaka	02-Nov-15	18	0.63	4.86	13.14	27.0%	23.5%
K-7	Environmental Specialist	AKM Mizanur Rahaman	Dhaka	02-Nov-15	18	0	1.59	16.41	8.8%	8.8%
K-9	Social Safeguards Specialist	Md. Mizanur Rahman	Dhaka	02-Nov-15	18	1.09	5.50	12.50	30.6%	24.5%
K-10	Information Management Spec.	Md. Badiuzzaman	Dhaka	03-Jan-16	18	2.28	3.64	14.36	20.2%	7.6%
K-4B	Water Resources Engineer	H.S. Mozaddad Faruque	Dhaka	02-Nov-15	10	0	2.91	7.09	29.1%	29.1%
National Non-Key Staff										
N-1	Field Data Collector 1	Md. Surruzzaman	Dhaka		22		0	22	0.0%	0%
N-2	Field Data Collector 2	Md. Babul Haider	Dhaka		22		0	22	0.0%	0%
N-3	Data and Info Analyst 1	Azizul Haque Kabul	Dhaka	Jan 2016	40	2.43	4.80	32.20	12.0%	5.9%
N-4	Data and Info Analyst 1	Md. Soukat Osman	Dhaka		13		0	13	0.0%	0%
Support Staff										
	Office Manager / Accountant (1)	Jahangir Alam	Dhaka	02-Nov-15	60	3.00	7.97	52.03	13.3%	8.3%
	Office Secretary (1)	Ms. Marfatun (Moly)	Dhaka	15-Nov-15	60	3.00	7.53	52.47	12.6%	7.6%
	Computer Operator (1)	Hridoy	Dhaka	01-Dec-15	60	3.00	7.00	53.00	11.7%	6.7%
	Guard (1)		Dhaka		60	3.00	7.00	53.00	11.7%	6.7%
	Tea Boy (2)		Dhaka		2x60=120	6.00	14.53	105.47	12.1%	7.1%

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	Q-2	Q-3	Q-4	Current FY	Cumulative up to this Q	Year's Plan	Project Target
1.	Acquisition of Assets												
2.	Equipment and goods under Comp. B, C, D (6800)	1,545.30	1,956,076	614.61	88.21	18.25	596.36		614.61	702.82	100.00%	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	2,721.25	85.00			2,721.25	2,721.25	2,806.25	100.00%	31.70%	
5.	Works Contract Packages 1 to 3		-						-	-			
5.a	General Mobilization	4,318.10	5,465,949						-	-		-	
5.b	Construction/Re-sectioning of Embankments (624.80 km)	53,482.10	67,698,861	6,664.14			3,332.07	3,329.93	6,662.00	6,662.00	99.97%	12.46%	
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						-	-		-	
	CD & SD	2,815.00	3,563,291						-	-		-	
	Sub-total Capital Component	234,467.91	296,794,822	10,000.00	173.21	-	18.25	3,928.43	6,051.18	9,997.86	10,171.07	99.98%	4.34%

Source: IMED-05 report (March 2016) of CEIP-1 for 3rd Quarter of FY 2015-16 [Jan-Mar 2016]

Note: In the 2nd Quarter (Sep-Dec 2015) BDT 3361.79 lac was shown under the head "Miscellaneous", but correct figure is BDT 3332.07 lac – Mr. Md. Kabir Ahmed (Add. Director, Account, CEIP-1 PD office) informed. That figure (BDT 3332.07 lac) has been transferred to the head "Construction/Re-sectioning of Embankments (624.80 km)" in this quarter (3rd Quarter (Jan-Mar 2016)).

Annex 4.2 Financial Progress (Expenditures) – Revenue Component of 4th Quarter of FY 2015-2016 (Apr-Jun 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	Q-2	Q-3	Q-4	Current FY	Cumulative up to this Q	Year's Plan	Project Target	
1.	Implementation of SAP and EMP													
1.a	Resettlement / Compensation Payments other than Land Acquisition	26,918.60	34,074,177	2,000.00					2,000.00	2,000.00	2,000.00	100.00%	7.43%	RAP for package-1 is completed
1.b	Consultancy service to Implement (a) Social afforestation;(b) social action plan (incl. setting up WMOs)	1,987.21	2,515,456							-	-	-	-	Consultant 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	2,049.99	1,371.78	261.28	864.81	65.70	802.34	1,994.13	3,365.91	97.28%	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	260.00					398.74	398.74	398.74	106.33%	15.28%	Consultant mobilized on 1 Nov 2015
2.c	Consultancy Service for Long term monitoring, research of Bangladesh Coastal Zone	6,709.09	8,492,519	382.00						-	-	-	-	Consultant not yet mobilized
3.	Project Management, TA, Training, Strategic Studies		-							-	-	-	-	
3.a	Project management support and audits	11,507.99	14,567,076	449.49	613.84	112.04	74.01	134.41	275.10	595.56	1,209.40	132.50%	10.51%	Several audits conducted.
3.b	Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel	745.45	943,608	-						-	-	-	-	Consultant not yet mobilized

Annex 4.2 Financial Progress (Expenditures) – Revenue Component of 4th Quarter of FY 2015-2016 (Apr-Jun 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	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	BDT	%	%	
3.c	Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP	4,323.64	5,472,962	-						-	-	-		Consultant not yet mobilized
4.	Overseas Training	745.45	943,608	124.24	199.10				4.09	4.09	203.19	3.29%	27.26%	
5.	Honorarium /Fees/ Remuneration	30.00	37,975	1.28	2.11		0.27	0.20	0.81	1.28	3.39	100.00%	11.30%	
	Sub-total Revenue Component	69,235.80	87,640,255	5,000.00	2,186.83	373.32	939.09	200.31	3,481.08	4,993.80	7,180.63	99.88%	10.37%	

Source: IMED-05 report (June 2016) of CEIP-1 for 4th Quarter of FY 2015-16 [Apr-Jun 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: - firms and Individual Consultant (IC).

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

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

Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 30 June 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		22-Aug-13		22-Aug-13		22-Jun-15		NA		NA
Evaluation of REoI		Going on ⁱ		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	NA	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		21-Jul-14		30-Apr-15	03-Mar-16	25-Nov-15		25-Nov-16	
Financial proposal opening						05-Apr-15		17-Apr-16				
Financial evaluation and combined Tech/Fin evaluation report completed												
Combined Evaluation Report submitted to WB												
WB gives NOL on combined evaluation												

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

SI	1	2	3	4	5	6
Final Evaluation and Negotiation	19-Jan-15	07-Jul-14	25-Aug-14	28-May-15	06-Jan-16	06-Jan-17
Negotiation			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				01-Nov-15		
End of Contract (Completed)	07-Mar-21	30-Jun-20	30-Jun-20	30-May-20	30-Jun-18	30-Jun-20
Remarks	<p>70 Nos. Eol proposals were received on 13 Nov 2014. Implementation of this Package was deferred as no works in the field have 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 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, the 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 is reviewing the 2nd revision.</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 June 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 CV of 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	31-Dec-13	25-Nov-13	31-Dec-13	21-Nov-13	29-May-14	
Contract signed		25-Nov-13		13-Apr-15		25-Nov-13		21-Nov-13		02-Mar-15
Total days of Process										
End Date of Activity	¹⁵ 30-Oct-16		¹⁶ 31-Mar-18		¹⁷ 30-June-18		31-Oct-16		30-Jun-17	

¹⁵ Corrected

¹⁶ Corrected as per contract agreement signed with Mr. I.A.Khan

¹⁷ As per fresh contract signed on 14 June 2016

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 on 14 June 2016	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	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. Expected to on board by 30 September 2016
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Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 June 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	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual
Amount in US\$	212,000		212,000		212,000		131,000		131,000	
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		17-Jul-14		28-Apr-16		31-Dec-14		29-May-14	
Contract signed		13-Apr-15		02-Oct-14						12-Aug-14
Total days of Process										
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 June 2016

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	
Contract signed										
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.		Will be floated closer to when the services are required Expected to be on board by October 31, 2016. ToR to be updated.		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 respects.		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 respects.		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 respects soon.	
			SHELADIA (USA) / BETS (Bangladesh)							

Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 30 June 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=1 No		IPoE for Environment, Water Management and Polder Expert = 1 No		Procurement of Individual Consultant as Accounting and Financial Management System Specialist (AFMSS) (National) = 1 No		Information Technology Specialist (ITS) (National) = 1 No	
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		NA	NA Through collection of 3 CVs		NA Through collection of 3 CVs	
Receipt of REoI		NA		NA	10-Mar-16		10-Mar-16	
Evaluation of REoI		NA		NA	on going		on going	
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				12-Mar-15				
Contract Signature Date	31-Dec-14		31-Dec-14					
Contract signed				23-Mar-15				
Total days of Process								
Commencement of Services								
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). ToR needs to be updated.		Bank's NOL on Draft Contract was received on 12 March, 2015. Contract Agreement between BWDB and Dr. Ainun Nishat as IPoE was signed on 23 March 2015. 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 is yet to initiate.

Initiated-procurement as per the statement of “Status of Procurement” as on **30 June 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).		¹⁸ 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)		¹⁹ 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)		²⁰ 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 ²¹		ICB (International Competitive Bidding) with post-qualification		ICB		
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	On going			
WB gives NOL on evaluation		19-Jul-15					
Negotiation							

¹⁸ 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'

¹⁹ 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

²⁰ 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.

²¹ 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		
GOB Purchasing Committee approval		09-Sep-15		
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	106		
End of Contract (Completed)	31/12/2017	30/06/2018		
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 October 31 2016.	It is expected that the Bidding Document for this package is expected to be prepared by January 31, 2017, after completing the design. The Invitation for Bid (IFB) will be floated by February 28, 2017. The Bids is expected to be received by April 30, 2017 Additional fund to the tune of USD 32.00 million will be required for this Package.	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 June 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		

	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		
9	Bank Transfer	Bank		0.2		
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 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		
13	Fund release of budget (B)	XEN PMU FOs Khulna and Bagerhat		4		
14	Vacating of resettlement sites by payment recipients	Resettlement recipients		8		
			Total	29.7		

Annex 7 Governance Accountability and Action Plan

As of 31 March 2016, there was only one substantial change compared to the end of the prior quarter – the PMU FM Specialist left his post for another opportunity, creating a vacancy in this important position. Recruitment for a replacement was initiated.

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; position is being advertised. Most of PMU staff are in place and the few remaining positions will be recruited in 2016, in line with the volume of work as the project ramps up.
	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)	

Issues/Risks/ Objective	Actions	Agency responsi ble	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	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	
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 position being re-advertised.	
	Quarterly Reporting on Project Implementation by PMU	BWDB	Quarterly		First QPR submitted in Feb 2016 for period ending Dec 2015. Second QPR under preparation.	
	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.	
	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.	PMU understands and follows procedures that safeguard procurement
	Enforce ICB procurement guidelines for documentation, timelines, and	BWDB,	On-going		ICB guidelines are enforced.	

Issues/Risks/ Objective	Actions	Agency responsi ble	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	transparency Appoint a Procurement Panel	Bank 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 replacement in April 2015	processes. Replacement made April 2015 after expert did not renew contract.
	Enhance complaints mechanism with reporting established and follow-up guidelines	BWDB	On-going	Nature and frequency of complaints	GRC members confirmed in Dec 2015. Twenty (20) GRC formed.	
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.
	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:	Construc			In place:	

Issues/Risks/ Objective	Actions	Agency responsi ble	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	<ul style="list-style-type: none"> - PD serve as Employer's representative - Construction Supervision Consultant as Engineer - Nominate Resident Engineers at the site - M&E Consultant to oversee project performance 	tion Consultants, M&E			PD – Nov 2013 New PD appointed – Feb 2016 DDCS&PMSC – Jan 2015 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 Ensure third party monitoring by the M&E Consultants Conduct survey among beneficiaries Enhance complaints mechanism, including use of ICT Suo moto disclosure of information	NGOs M&E M&E M&E BWDB	Contract in place Contract in place Unit in place by effectiveness or before Designated office in place by effectiveness, begin implementing expanded disclosure plan three months after effectiveness	Reviewers (BWDB, WB) receive plausible complaints borne out by frequency or other corroboration Survey results identify improprieties	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; planned for second quarter 2016. In process of being developed. Communication Specialist REOI re-advertised in January 2016. CV evaluations underway.	It would be appropriate to have this individual will also serve as M&E Consultant's counterpart.

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								End Target	Fre- quency	Data Source / Meth.	Responsible for Data Collection	Remarks
				YR1	YR2	YR3	YR4	YR5	YR6	YR7						
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 #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 Consultants (sub-consultants to DDCS&PMSC) 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/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.

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 IPoE for Environment, Water Management and Polder Expert, Professor Nishat Ainun 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.

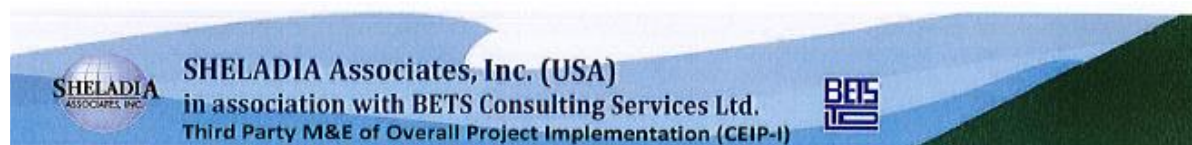
Annex 10 List of DDCS&PMS Consultant Reports

Reports submitted (draft)

S 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 upto 17 April, 2016	18 April, 2016	Final	intermediate
15.	Progress Report Month of April, 2016	15 May, 2016	Final	
16.	Progress Report upto 26 May 2016	26 May, 2016	Final	intermediate
17.	Progress Report Month of May, 2016	14 June, 2016	Final	
Construction Progress Report (submitted by Contractor and not updated yet as per Consultants recommendations)				
18.	Construction Progress Report Month of February, 2016			
19.	Construction Progress Report Month of March, 2016	13 April, 2016	Draft	
20.	Construction Progress Report Month of April, 2016	25 May, 2016	Draft	
Annual Report				
21.	Annual Report Year of 2015	13 March, 2016	Final	
Design Report and Drawings				
22.	Design Report for Package-2	02 February, 2016	Draft Final	
23.	Design Report on River Bank Protection Works (Package-2) Additional Data and Computations	03 February, 2016	Draft Final	
24.	Design Report for RBPW in Polder 32	12 January, 2016	Final	
25.	Design Report for RBPW in Polder 33	12 July 2015	Final	
26.	Design Report for RBPW in Polder 35/3	12 January, 2016	Final	

S No.	Name of Reports	Comments	Date	Draft or Final	Comments
Environmental Impact Assessment (EIA)					
27.	EIA Report of Polder 39/2C		14 January, 2016	Draft Final	
28.	EIA Report of Polder 39/2C		23 February, 2016	Final	
29.	EIA Report of Polder 40/2		24 March, 2016	Draft Final	
30.	EIA Report of Polder 40/2		24 May, 2016	Draft Final	
31.	EIA Report of Polder 41/1		19 March, 2016	Draft Final	
32.	EIA Report of Polder 41/1		30 March, 2016	Final	
LAP/RAP Reports					
33.	In the period February 2015 up to May 2016 various LAP/RAP reports have been prepared and submitted.		Various	Draft Finals	
Mathematical Modelling Reports					
34.	In the period February 2015 up to May 2016 various reports on the mathematical modelling have been prepared and submitted.		Various	Draft Finals	
Field visit reports					
35.	In the period February 2015 up to May 2016 various field visit reports have been prepared and submitted.		Various	Finals	
Memo's on specific subjects					
36.	In the period February 2015 up to May 2016 various Memo's with a special subject have been prepared and submitted.		Various	Finals	
Minutes of Meetings					
	In the period February 2015 up to May 2016 various MoM's have been prepared and submitted.		Various		

Annex 11 Note on Selection of Control Polders for Baseline Study



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14 May 2016

Md. Delwar Hossain
Project Director
PMU, CEIP-1
BWDB, Dhaka, Bangladesh
E-mail: pdpmuceip@gmail.com

Contract: Consultancy Services for Third Party Monitoring and Evaluation of Overall Project Implementation: Contract No. CEIP-1/C2/S3

Subject: Final Selection of “Control” Polders to Serve as Comparison for Baseline and Impact Evaluation

Our Ref: 5491-2016-010

Dear Mr. Delwar Hossain,

Further to our letter no 5491-2016-009 dated 26 April 2016 and as per your suggestion, we have consulted with several knowledgeable individuals and organizations in the final selection of “control” polders. We have taken the well-informed views and guidance of the following:

- Participants at our M&E Framework and Strategy Workshop conducted in March;
- Chief of Monitoring BWDB, Mr. A.K. Manzur Hasan;
- Professor Nishat Ainun in his role as IPOE member who steered us to knowledgeable persons;
- Mr. Habibur Rahman currently serving as Deputy Team Leader for the Design and Supervision Consultants who earlier took the lead in developing a multi-criteria framework which served as the basis for selecting polders for inclusion in CEIP-1 and who provided us valuable background information and first-hand knowledge of the zone;
- Mr. Md. Abdullah Al Mamun, SDE, CEIP-1 PMU, BWDB; and
- Representatives of other projects such as ECRRP and Blue Gold

We have also made use of existing data and documents to underpin the analysis and discussions.

Finally on 11 May 2016, we met with Mr. Khondaker Khalequzzaman, Chief Engineer, Planning Division, BWDB as per your suggestion. Mr. Khalequzzaman kindly agreed to contribute his own practical experience and knowledge to the discussion of the various options and to finalize the selection.

The polders that will now make up the controls are shown in the table below, with their classification as to whether they are in a high, medium or low-risk zone (HRZ, MRZ, LRZ) and, most importantly, the degree of vulnerability (most vulnerable is MV, medium vulnerable is MDV) which reflects the physical condition of the polder embankments and water control structures. The selected control polders also span the geographic location of CEIP-1. We have strived to select comparison (control) polders that are as similar as possible to the set of 17 polders that are being rehabilitated and improved under CEIP-1.

Risk and Vulnerability	CEIP	Control	Polder Number
HRZ, MV	5	3	50/51, 47/1*, 47/4*
MRZ, MV	2	1	40/1*
LRZ, MV	6	4	7/1, 13-14/2, 29**, 55/1*
HRZ, MDV	1		
LRZ, MDV	3	4	21, 34/1, 41/2, 43/2E
Total	17	12	

* These are ECRRP Polders

** This is a Blue Gold Polder

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In addition to these control polders, our consultations and discussions have led us to conclude that it would be instructive to conduct case studies on two additional areas as follows:

1. Polder 22 as an example of a well maintained and functioning polder constructed in the early 1990s.
2. "Polder" 35/2 as an example of an area that has not been polderized – that is, an area with no embankment – that lies in close proximity to several CEIP-1 polders.

A large number of controls is planned at this baseline stage since actual current conditions in all the non-CEIP-1 polders are not precisely known. What is known is that the conditions in the CEIP-1 polders vary considerably with respect to many dimensions such as vulnerability to storm surges or tidal fluctuations, extent of agriculture, fisheries or shrimp production, geographic location with respect to the coast or large rivers, conflicts on water management and physical condition of embankments and structures. Also, good comparator "non-project" polders are limited in number since most MV (and especially HRZ+MV) polders have been taken up by various projects. The greater effort on this expanded set of controls is both required and warranted to assure that the baseline is sufficiently robust to provide the most appropriate comparison group possible.

We wish to express our sincere thanks to the Chief of Planning Division for providing the clarity needed on the final selection of the polders to be used as controls and to you, the PMU team, Professor Nishat Ainun, Mr. Habibur Rahman and our many other colleagues in providing key data and guidance.

Assuring you of our best services,

Sincerely,



Jan T. Twarowski
Team Leader and Economist
Third Party M&E Consultants to CEIP-1

Encl: Map of "control" polders

cc: Hon. Md. Mahfuzur Rahman, ADG (Planning), BWDB
Mr. Khondaker Khalequzzaman, Chief Engineer, Planning Division, BWDB
Mr. Md. Abdullah Al Mamun, SDE, CEIP-1 PMU, BWDB
Dr. Nishat Ainun, Professor Emeritus, BRAC and Member, IPOE, CEIP-1
Mr. Habibur Rahman, Deputy Team Leader, CEIP-1 Design & Supervision Consultants

