



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

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

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

**Quarterly Progress Report No. 29**  
October - December 2022

Progress Report for 2<sup>nd</sup> Quarter of GoB Fiscal Year 2022-2023  
Implementation Quarter 32 (since 01 January 2015)

Submitted to:

Project Management Unit  
CEIP-1

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



15 February 2023

## BASIC DATA

Country	:	<i>Bangladesh</i>
Project Title	:	Coastal Embankment Improvement Project, Phase-1
Implementing Agency	:	Bangladesh Water Development Board
Report number	:	29
Reporting Period	:	Quarter of October-December 2022

### CURRENCY EQUIVALENTS

(Exchange Rate Effective May 15, 2013)

Currency Unit = Bangladeshi Taka (BDT)

US\$ 1 = BDT 79

Currency Unit = Special Drawing Rights (SDR)

US\$ 1 = SDR 0.66269

### FISCAL YEAR

July 1 - June 30

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

2.1.1. Grant Source : Climate Investment Fund

2.1.2. Grant Amount : US\$ 25 Million

2.1.3. Date of Grant Approval: 29 May 2013

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

**Table i-1: PPCR Expected Disbursements**

**Pilot Program for Climate Resilience (PPCR) Expected Disbursements (in US\$ Million)**

Fiscal Year	2014	2015	2016	2017	2018	2019	2020	2021
<b>Annual</b>			10	10	5			
<b>Cumulative</b>			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 originally;  
30 June 2023 currently

**Table i-2: IDA Expected Disbursements (US\$ Million) per PAD of 2013**

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

Source: Project Appraisal Document, 2013

## ACRONYMS AND ABBREVIATIONS

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

FIDIC	Federation Internationale des Ingenieurs Conseils (French); International Federation of Consulting Engineers
FM	Financial Management
FMS	Financial Management Specialist
FO	Field Office
FY	Fiscal Year
GAAP	Governance and Accountability Action Plan
GBM	Ganges, the Brahmaputra or Jamuna, and the Meghna
GCC	General Conditions of Contract
GCM	Global Climate Model
GIS	Geographic Information System
GoB	Government of People's Republic of Bangladesh
GPS	Global Positioning System
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
ha	hectare
HOPE	Head of the Procuring Entity
HQ	Headquarters
IC	Individual Consultant
ICB	International Competitive Bidding
ICBPQ	International Competitive Bidding with pre-qualification
ICT	Information and Communications Technology
ID	Identification
IDA	International Development Association (World Bank Group)
IFB	Invitation for Bid
IMED	Implementation Monitoring and Evaluation Division (Ministry of Planning)
IOL	Inventory of Losses
IPCC	Intergovernmental Panel on Climate Change
IPDP	Indigenous Peoples Development Plan
IPM	Integrated Pest Management
IPOE	Independent Panel of Expert
IRM	Immediate Response Mechanism
ISM	Implementation Support Mission
IUFR	Interim Unaudited Financial Report
IWM	Institute of Water Modeling
JVS	Joint Verification Survey
km	kilometer
KMC	Knowledge Management Consultants, Ltd. (RAP Team of DDCS&PMSC)
LAP	Land Acquisition Plan
LCS	Labor Contracting Societies
LG	Local Government
LGED	Local Government Engineering Department
MDSP	Multipurpose Disaster Shelter Project

MEAG	M&E Advisory Group
MIS	Management Information System
MoL	Ministry of Lands
MoWR	Ministry of Water Resources
M&E	Monitoring & Evaluation
NCB	National Competitive Bidding
NGO	Non-Government Organization
NID	National ID
NOL	No Objection Letter
NCR	Non-Compliance Register/Record
O&M	Operation and Maintenance
OP	Operation Policy
PAH	Project Affected Household
PAP	Project Affected Person
PAVC	Property Asset Valuation Committee
PC	Polder Committee
PCM	Public Consultation Meeting
PD	Project Director
PDO	Project Development Objectives
PMU	Project Management Unit
PMIS	Project Management Information System
PPCR	Pilot Program for Climate Resilience
PPE	Personal Protective Equipment
PRAC	Physical Relocation Assistance Committee
PRMP	Procurement Risk Mitigation Plan
PSC	Project Steering Committee
PY	Project Year
Q	Quarter
QBS	Quality Based Selection
QPR	Quarterly Progress Report
RAP	Resettlement Action Plan
RE	Resident Engineer
REOI	Request for Expression of Interest
RFP	Request for Proposal
ROW	Right-of-Way
RTI	Right to Information
SAP	Social Action Plan
SDR	Special Drawing Rights
SECU	Social, Environment and Communication Unit
SLR	Sea-Level Rise
SMRPF	Social Management and Resettlement Policy Framework
TA	Technical Assistance
ToR	Terms of Reference

UNDB	United Nations Development Business
USD	United States Dollar
WB	World Bank
WMO	Water Management Organization
WMIP	Water Management Improvement Project
XEN	Executive Engineer

## Quarterly Progress Report No. 29 October-December 2022

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## Quarterly Progress Report No. 29 October-December 2022

### EXECUTIVE SUMMARY

#### Introduction

This Quarterly Progress Report (QPR) presents the status of project inputs and outputs and provides information on the activities, processes, accomplishments, constraints, issues, and recommendations in summary for the October-December 2022 quarter. It covers all consultancies and contracts of the Project and thus is a consolidated progress report.

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

The Executive Summary contains the following sections:

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

#### Summary of Achievements during the Quarter

##### Disbursements and Expenditures

Cumulative figures of disbursements from the World Bank (and PPCR) to the BWDB appear below, converted from BDT to USD at the original rate of 79 BDT per USD. It should be noted that due to the weakening of the USD-SDR exchange rate, the actual funding level for CEIP-1 is estimated at about \$375 m rather than \$400 m. The percentage calculations below and throughout this report continue to be based on the \$400 m figure.

Disbursements to the Project stand at 70.12% of the total project budget amount<sup>1</sup> as of 31 December 2022, which is same in the prior quarter. The total disbursed to date stands at \$280.478 million comprised of IDA Credit US\$255.478m plus Trust Fund PPCR Grant of US\$ 25.0m.

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<sup>1</sup>It should be noted that the total project cost is taken as \$400 million as per original budget for purposes of tracking changes over time with a fixed denominator, but the changes in the USD-SDR exchange rate mean that the actual funds available will be closer to \$375 million equivalent.

Table ES 1: World Bank Disbursements to CEIP-1

Quarter end-Date	Cumulative as of Given Date			
	IDA Credit	PPCR Grant	Total	As % of Total Project Cost
<b>31-Dec-22</b>	<b>255.478</b>	<b>25</b>	<b>280.478</b>	<b>70.12%</b>
<b>30-Sep-22</b>	<b>255.478</b>	<b>25</b>	<b>280.478</b>	<b>70.12%</b>
30-Jun-22	255.478	25	280.478	70.12%
30-Jun-21	236.837	25	261.837	65.46%
30-Jun-20	210.813	25	235.813	58.95%
30-Jun-19	163.342	24.474	187.816	46.95%
30-Jun-18	83.24	19.98	103.22	25.80%
30-Jun-17	38.52	17.01	55.53	13.88%
30-Jun-16	17.48	8.72	26.2	6.55%
30-Jun-15	17.48	0	17.48	4.37%
30-Jun-14	4.63	0	4.63	1.16%

Source: PMU of CEIP-1

As of December 2022, the Loan had been effective for 112 months (9 years, 4 months). According to the IMED reports prepared by PMU (and using the original exchange rates for USD-SDR and BDT 79 per USD), total disbursement (expenditures) by the project follows:

- Dec 2022 - US\$ 268.509 million, or 68.32% of total project cost
- Sept 2022 - US\$ 266.893 million, or 67.91% of total project cost
- June 2022 - US\$ 265.084 million, or 67.45% of total project cost
- June 2021 - US\$ 236.44 million, or 59.1% of total project cost
- June 2020 - US\$ 215.6 million, or 53.9% of total project cost
- June 2019 - US\$173.6 million, or 43.4% of total project cost
- June 2018 - US\$97.0 million, or 24.2% of total project cost
- June 2017- US\$50.4 million, or 12.6% of total project cost
- June 2016 - US\$ 22.0 million, or 5.3% of total project cost
- June 2015 - US\$ 3.0 million, or 0.7% of total project cost

Figure ES-1 compares the actual disbursement to the project by the World Bank and actual project expenditures with the planned disbursement levels as per the Project Appraisal Document. There was no disbursement by the World Bank during the quarter and roughly \$1.6 million in disbursement by the project during the October-December 2022 quarter.

Looking back, the highest level of annual disbursement by the project occurred during FY18/19 at about \$76 million (19% of project cost) as works and land acquisition expenditures accelerated that year and as works for both contract packages were actively progressing. Expenditures by CEIP-1 in FY21/22 were \$29 million (about 7% of project cost) somewhat improved from the FY20/21 total of only \$20.85 million (approximately 5% of total project cost) when delays occasioned by COVID-19 and slow performance of the Pkg 02 Contractor took a toll.

Figure ES 1: Actual Disbursements and Expenditures Compared to Plan

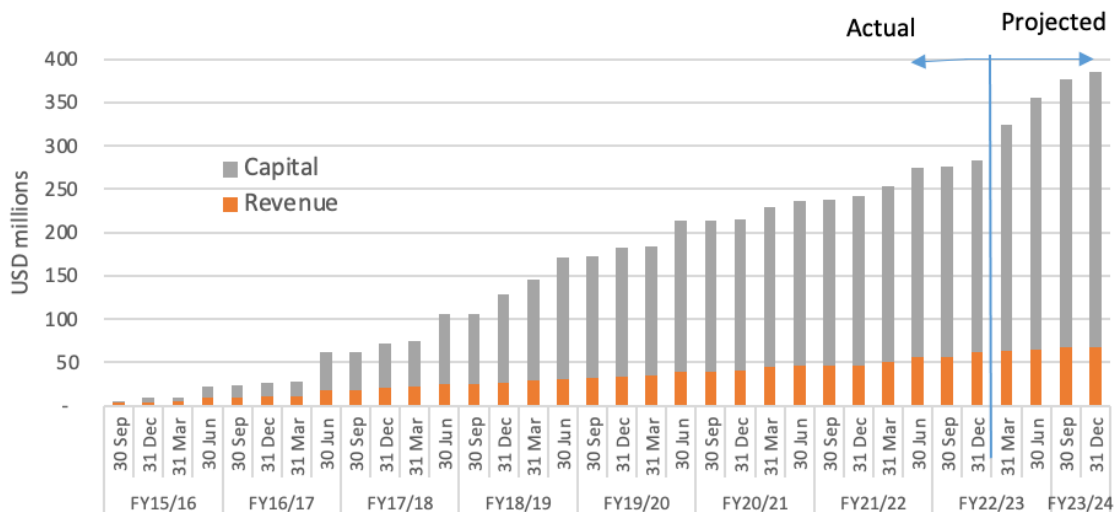
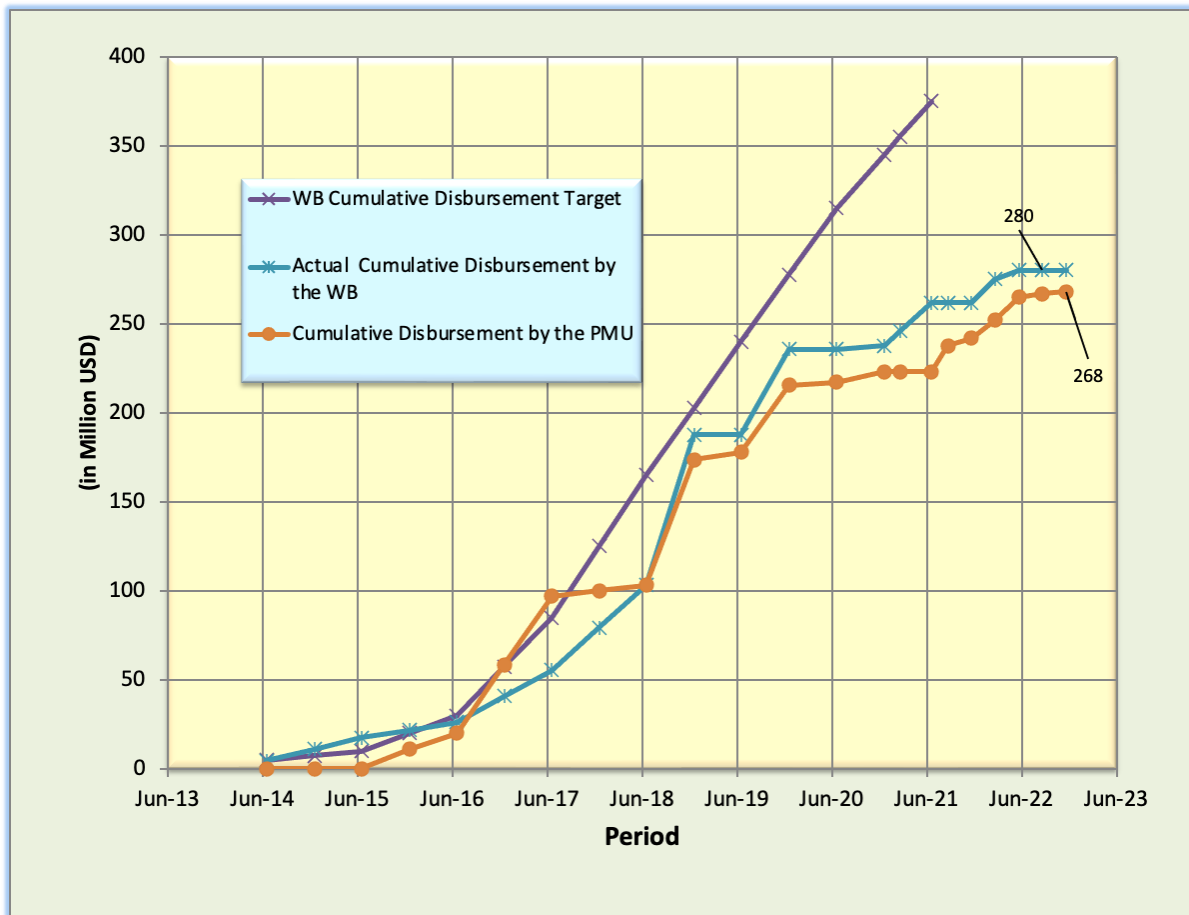


Figure ES- 2: Expenditure through 31December 2022 and Expenditure Level Required to Complete on Time

Figure ES-2 presents the expenditures through 31December 2022 and projected expenditures classified by capital and revenue categories. Capital expenditures include physical works and land acquisition costs while revenue expenditures include consultancies,

resettlement compensation and project administration. The expenditures as of the original closing date of 31 December 2020 reached only \$217 million so the agreed extension through 31 December 2023 was clearly required. The projection shown in Figure ES-2 is based on a new completion date of June 2023 for works and December 2023 for project closing.

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

### **Institutional Arrangements**

The PMU is staffed with qualified and dedicated professionals, and most key positions have been filled except Senior Environmental Specialist, Communication Specialist and Social Safeguard Specialist (Khulna). PMU has decided the Communication Specialist is not needed at this time. The PD position has been filled continuously, and the Deputy PD position is vacant since more than one year.

### **Procurement**

Procurement for all goods, works and services is complete except for the following:

- Senior Environmental Specialist for PMU – individual consultant.
- Social Safeguard Specialist (Khulna) – individual consultant.

### **Works – Contract 01**

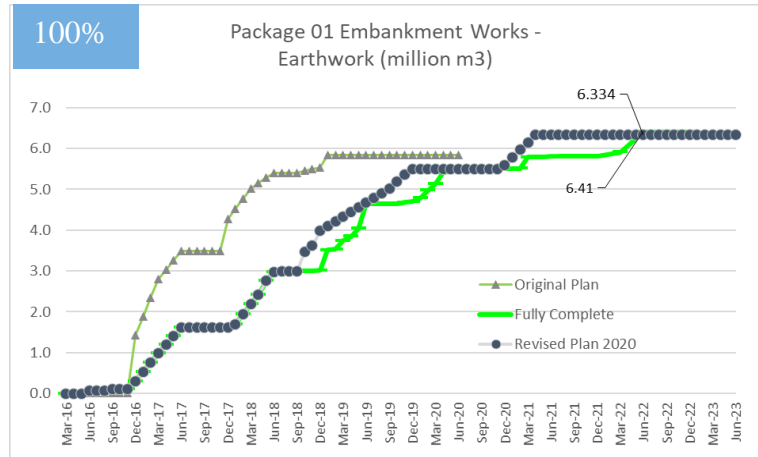
Contractor	:	CHWE (China)
Contract Signature Date	:	01 November 2015
Notice to Commence	:	26 January 2016
Original Contract Duration	:	36 months to 25 January 2019
1 <sup>st</sup> Revised Duration	:	53 months to 25 June 2020
2 <sup>nd</sup> Revised Duration	:	65 months to 30 June 2021
3 <sup>rd</sup> Revised Duration	:	77 months to 30 June 2022
4 <sup>th</sup> Revised Duration	:	89 months to 30 June 2023

- Physical progress was slow in the first 12 months but improved substantially thereafter starting with the 2017/18 construction season and especially during 2018/19. A revised Work Program was approved in August 2018 which showed completion in June 2020 – an extension of 17 months. With the advent of the COVID-19 pandemic and multiple lockdowns, the pace of work progress had been reduced starting in March 2020. The Employer approved an Extension of Time for execution of the works of this Contract first up to 30 June 2021 and subsequently up to 31 March 2022, then 30 June 2022 and finally 30 June 2023. These EOTs were granted on the condition that no claim will be acceptable due to this Extension of Time.
- With the new 4<sup>th</sup> extension, the contract period now has a total duration of 89 months. At the 83-month mark (December 2022), 97.52% of the works have been done against the work plan target. All the remaining works of Polder-32 & 35/1 could not be completed by 30 June 2022 due to obstacles in construction works and delays for providing instructions and drawings for construction of embankment slope development works in paved road areas and late access to the site for excavation/re-excavation of the drainage channels.

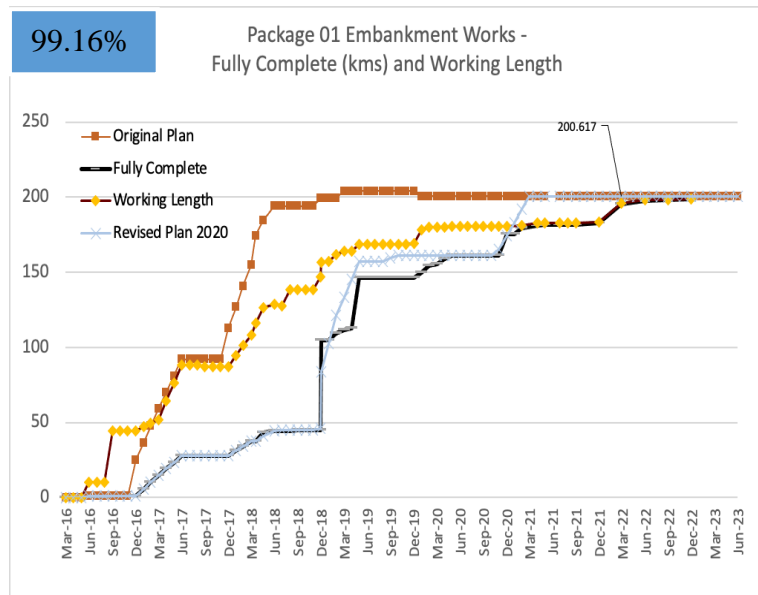
- Taking-Over Certificates for Polder 33 and 35/3 have been issued as per GCC Sub-Clause 10.1 (a) and 11.1. However, there remain some construction work and quality issues to be addressed.
- Taking-Over Certificates for Polders 32 and 35/1 had been issued on 25th September 2022.
- The Defect Liability Period of Polder 33 expired on 27th February 2022, but the Contractor has failed to rectify all the identified defects and works of Polder 33 within the defect liability period. Hence, Contractor applied for extension of Defect Liability Period for Polder 33 and it was granted up to the contract completion date by the Employer based on recommendation of the Engineer.
- The Contractor started to develop the embankment slopes of the paved road areas of Polder-33, 35/1 and 35/3. As provision of the design drawings was delayed and due to obstacles in the working areas, the said works of Polder 33 could not be completed within the extended time.
- A Technical Committee has been constituted with specific terms of reference by the Competent Authority of Bangladesh Water Development Board (BWDB) on 6 December 2021 to prepare a Technical Report with recommendation in order to protect Polder No. 32 in Khulna district, by constructing sustainable embankment and implementing river bank Protection Works by Geo/Geo Tube. The Committee has visited the Polder from 24th December to 25th December 2021 and prepared a Technical Report that indicated 7.100 km length of vulnerable locations categorized as most vulnerable (900 m), moderately vulnerable (4,800 m) and vulnerable (1,400 km). The DDCS&PMS Consultants prepared designs which were approved by BWDB and then prepared the cost estimate which was also approved. Ultimately, negotiations with the Package 01 Contractor failed and the Employer considered issuing a tender for national competitive bidding, but this would be too time-consuming. Instead, negotiations are being conducted with the Package 02 Contractor.
- The Package 01 Contractor's Project Manager has left Bangladesh with no indication of when he will return. This Contractor has several works remaining, including proper decommissioning and properly attending to repairs during the defects liability period.

Physical progress as of 31 December 2022 is shown in the figures which follow, comparing it to the status of previous quarters and years.

All the embankment works have been complete as of June 2022 in terms of m<sup>3</sup>.



The length of the embankment on which work has been completed as of 31 December 2022 stands at 198.932 km, which is 198.532 km as of September 2022. The total target is 200.617 km.



Drainage channel excavation works have been completed in June 2022, reaching the target of 150.299 kms.

All 38 new drainage sluices were substantially completed since March 2019. Improvements and retrofits of some of the gate mechanisms have been required and are being undertaken.

Also, repair work on 2 existing drainage sluices was completed in FY 19/20.

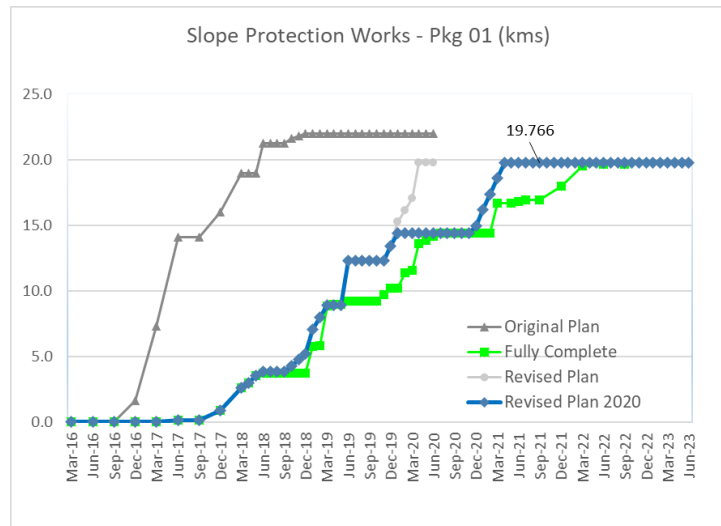
All 29 new flushing sluice works were essentially completed in 2018/19 – the final one having been completed during 2020/21.

As for flushing inlet repair, the last one of the 14 nos. of inlets was completed in the quarter ending June 2021, so this work has been 100% complete.

Bank protection works stand at 100% complete (4.25 kms) in December 2020.

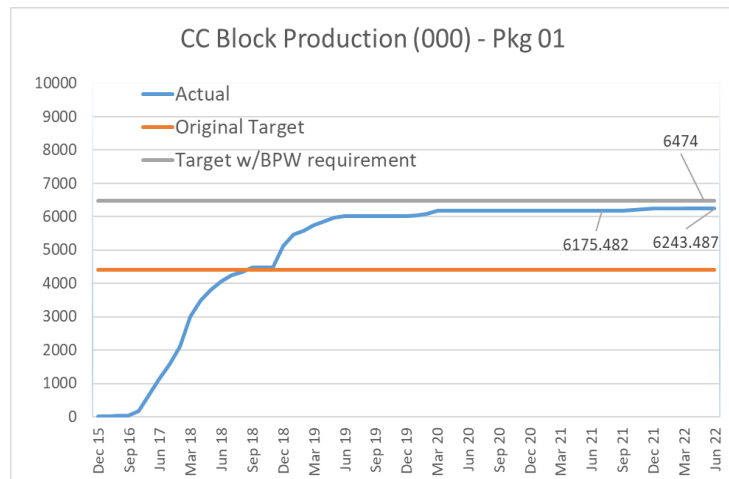


**Slope protection works** stand at 19.529 kms done out of 19.766 kms. This represents a 99.80% level of progress after completing just 106meters in the current quarter. Current progress compares to a cumulative figure of 19.606 kms (99.20%) in September 2022 and 17.966 kms (90.9% progress) at the end of December 2021.



Package 01 CC block production progressed as follows:

31Dec2022	6.243million
30 Sep 2022	6.243 million
30 Jun 2022	6.243 million
30 Jun 2021	6.175 million
30Jun 2020	6.175 million
30 Jun 2019	6.015 million
30 Jun 2018	4.056 million
30 Jun 2017	1.140 million



Out of 6.474 million CC blocks, 6.243 million were produced up to June 2022, with no production for six months. Cumulative production has reached 96.43% of the required number.

**Works – Contract 02**

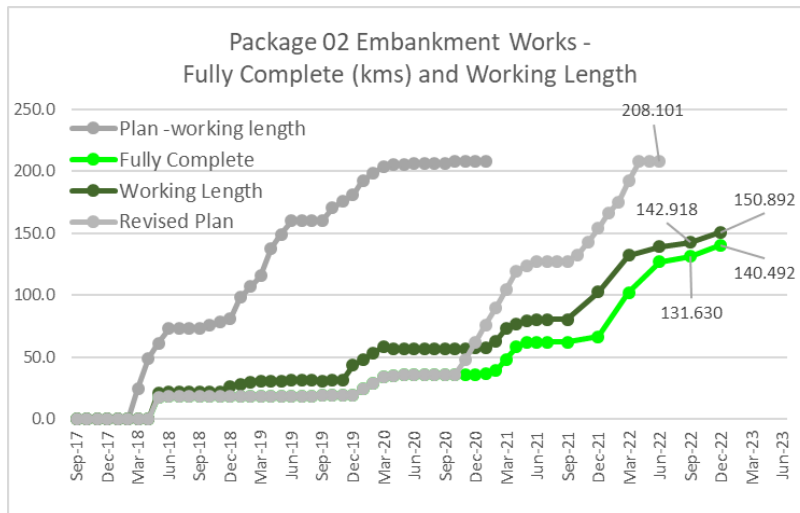
Contractor	:	CICO (China)
Contract Signature Date	:	08 March 2017
Notice to Commence	:	12 July 2017
Original Contract Duration	:	42 months to 12 January 2021
1 <sup>st</sup> Revised Duration	:	59.5 months to 30 June 2022
2 <sup>nd</sup> Revised Duration	:	71.5 months to 30 June 2023

- Mobilization and physical progress were exceptionally slow during the first 2-3 years of the contract. As of December 2022, 65.5-months of the contract period have elapsed, or 91.6% of the time. Works progress overall (using financial achievement) stands at 85.58% compared to the newly revised work plan target of 92.58% leaving a gap of 7%. The progress is up in the last 12 months by only 5% from the 80.5% progress level of December 2021. While progress lags were due at least in part to COVID-19 and visa problems for Chinese skilled-labor, there had been inadequate

attention to embankment work in the past (now resolved) possibly due to the low unit rates quoted by the Contractor for this work.

- Out of 58 drainage sluices to be newly constructed, the contractor has fully completed 38 nos. and 11 nos. are in progress. This compares to 35 and 13 respectively at the end of the prior quarter.
- Out of 51 flushing sluices to be newly constructed, the contractor has fully completed 24 no. and 15 nos. are in progress. This compares to 20 and 16 respectively at the end of the prior quarter.
- Cumulative production is 7,411,563 CC blocks as of 31 December 2022 which represents 94.2% of the 7.8 million blocks required (up from 93.5% in the prior quarter). About 153,000 blocks were produced during the quarter.
- Embankment slope protection works of 5.492 kms were completed as of September 2022, changed from 4.421 km from June 2022.
- No emergency works were undertaken during the quarter, though to date there have been such works in 27 locations in all six polders.

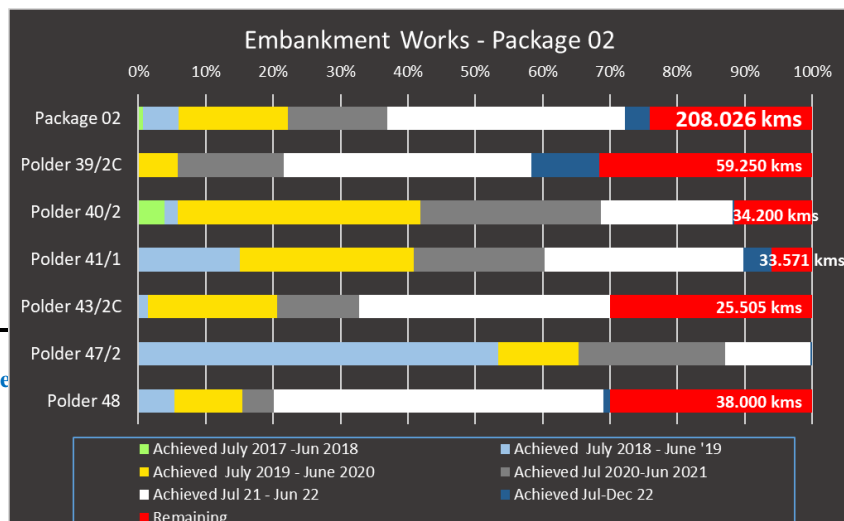
The following figures present some of the works achieved to date. The contractor's work plan has been revised. This work program assumes a completion date of 30 June 2023, but completion of the works within this timeframe is not likely.



The working length of embankments as of 31 December 2022 stands at 150.892 kms of which 140.492 are fully completed. Thus only 67.51% of the length of embankments to be done are fully completed. In the quarter ending 30 March 2022, the working length was 132.403 kms of which 102.251 kms were fully completed representing a 49.2% level of completion.

completion.

Embankment earth work advanced by 2.3% more in the quarter. It stands at 75.95% completed at the end of



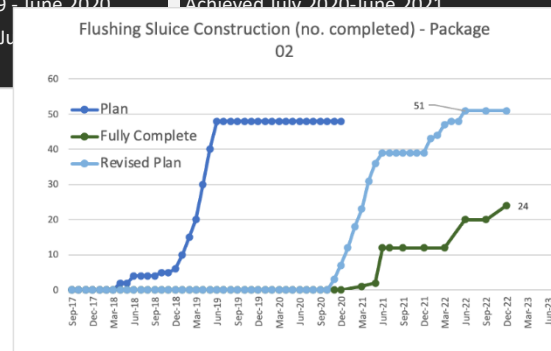
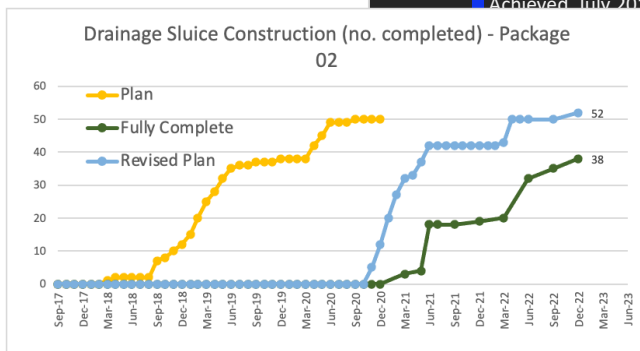
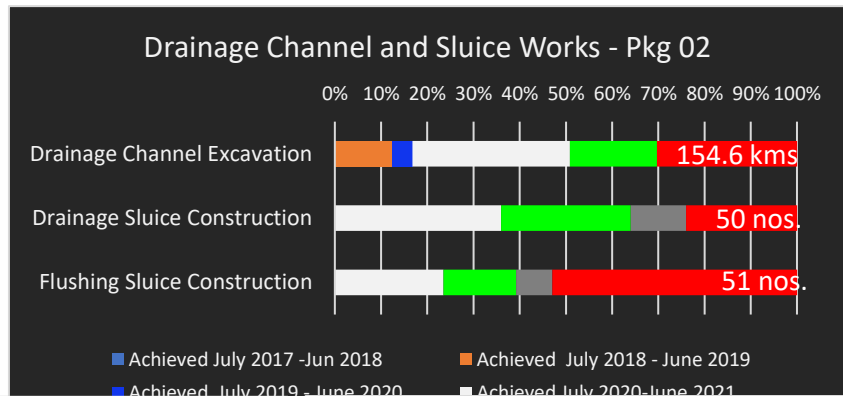
Quarter



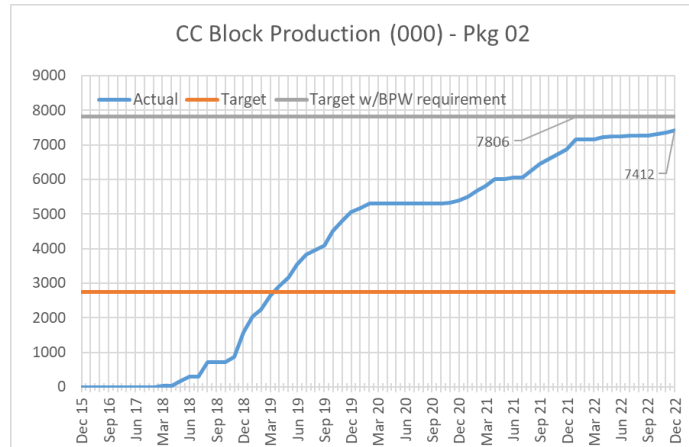
December 2022 compared to 73.65% in the prior quarter.

**Drainage channel excavation** has had no change during the last two quarters due to the rainy and post season wet soils. This work has started on all polders, and 107.837 km have been completed out of 154.558 km. Significant progress was made in the last two years ending June 2022 when the achievement reached 69.8%, up from 50.9% in June 2021 and 16.8% in June 2020.

As for structures, 62 nos. are fully complete of the 103 planned – **3 drainage sluices and 4 flushing sluices** were brought to completion during the quarter, and 11 drainage sluices and 15 flushing sluices are works in progress. Again, the Pkg 02 contractor is lagging compared to the work program.



As of 31 December 2022, **CC block production** reached 7,411,563 CC blocks which represents 94.2% of the 7.8 million blocks required (up from 93.5% in the prior quarter).



**Design and Supervision**

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

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

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

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

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

The design of Package 03 polders commenced during the October-December 2016 quarter and was finally completed on 07 October 2019. The approval process was not moving for most of 2020. All design approval have been issued as of June 2022.

**Environment**

- 13<sup>th</sup> Bi-Annual Environmental Report submitted.
- A virtual meeting was held with World Bank on Environmental issues on September 10, 2022 of Package 01 and 02 of CEIP-1.
- A virtual meeting was held between DDCS&PMS and Contractor on successful completions of WB recommendation.
- COVID19 emergency preparedness plans have been followed by both Packages.
- Monitoring of EMP, EAPs and C-ESMP of the Project continued
- Training on COVID-19 and EHS issues conducted by the Contractor of Package 02 for its expatriate and local staff.

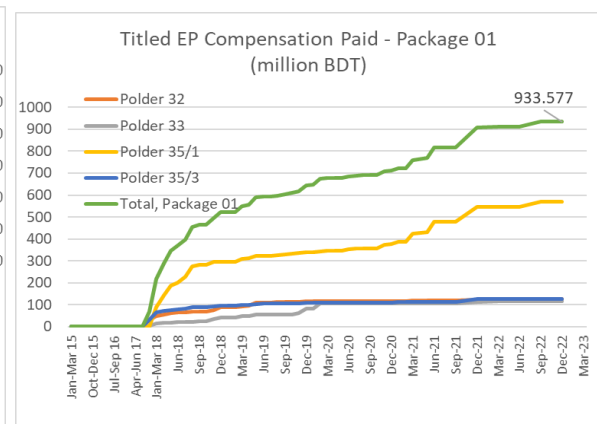
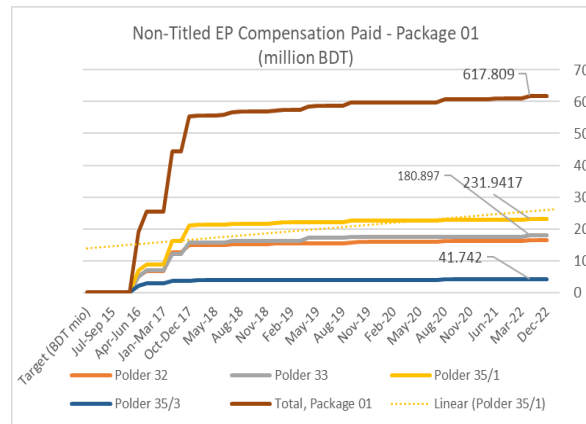
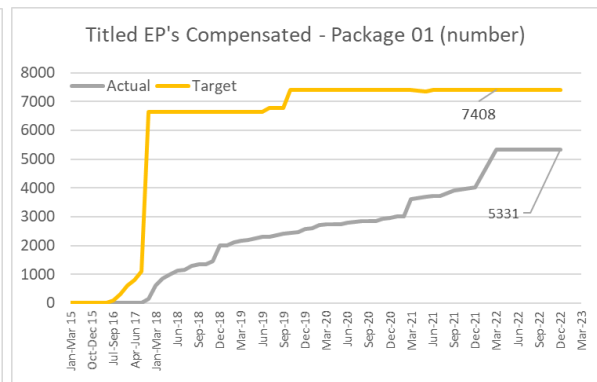
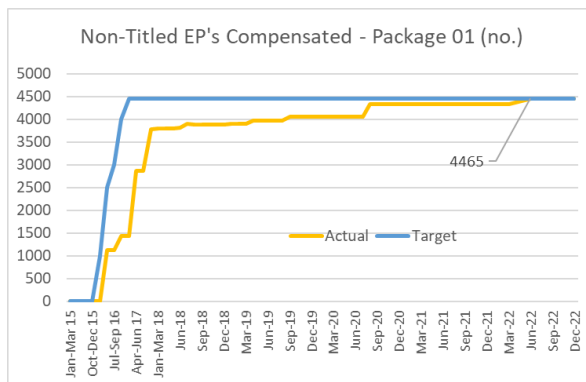
**RAP/LAP Preparation and Implementation**

**Package 01**

- **71.96% of titled landholders** have been compensated to date which is essentially the same as the prior quarter and 50.94% in June 2021, for a total payment of BDT 933.5 million up from BDT 911.8million two quarters earlier. In terms of payment amount (BDT), as of 31December2022,**79.64% of compensation** expected to be paid out has been paid, compared to 77.9% at the end of September 2022 and June 2022.

PMU is pro-actively facilitating the payment of compensation for land by DCs to an increased number of **titled EPs**. Currently,5331 nos. out of 7408 nos. have been compensated.

- **All non-titled EPs** have been compensated(out of 4465) and total 617.82 million BDT has been paid as compensation.Among the compensated non-titled EPs, 4142 are squatters, 179 are tenants and 144 are



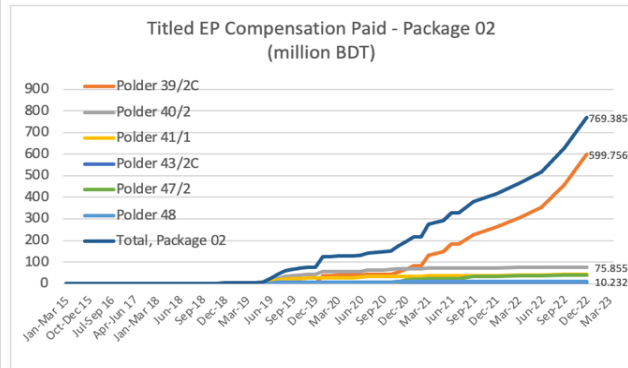
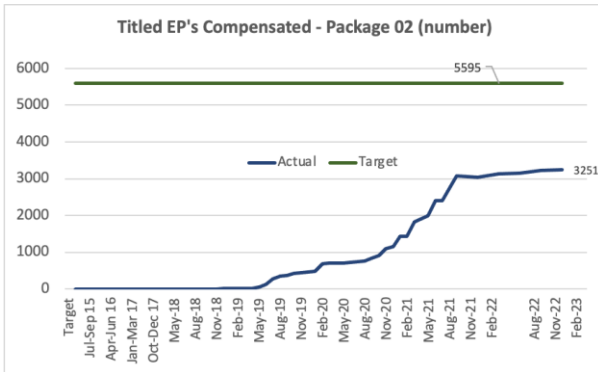
wage laborers.

- To date, 187**grievances** have been raised with 51 resolved on the spot and 135 resolved by GRC.

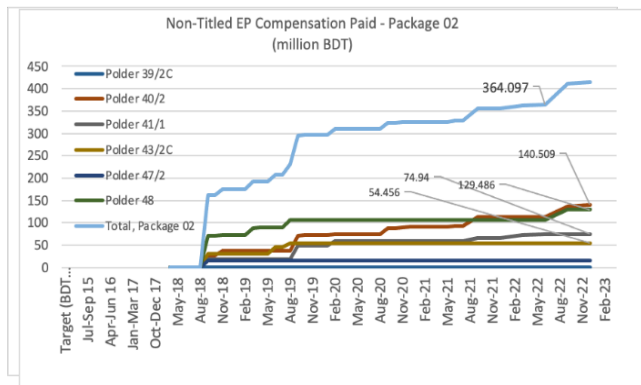
**Package 02**

- **41.41% of titled EPs** (3251 out of 5595) have been compensated to date. This is the same as in the prior quarter. The total payment to date is BDT 769.38 million, up from 627.78 million in the prior quarter and 327.8 million in June 2021.

- **76.07% of non-titled EPs** (3666 out of 4803) have been compensated as of December 2022, compared to 75.58% as of September 2022. The total payment to date is BDT 414.978 million up from 411.062 million in the previous quarter.



### Long-Term Monitoring



This consultancy has completed all the modeling of the long-term physical processes including subsidence, climate change, river morphology, etc. at the macro, meso and micro scale for the historical and current behavior. Modeling of future scenarios is in progress. The Consultancy is also to provide an investment plan describing a phased polder improvement roadmap; the required collection of socio-economic and other data has been completed.

### Monitoring and Evaluation

Key accomplishments October-December 2022 quarter include:

- Prepared the 28<sup>th</sup> Quarterly Progress Report.
- Prepared Mid-term Impact Assessment and Review Report.
- Revised the 6<sup>th</sup> Annual Environmental Audit as per World Bank review.
- Prepare the cropping intensity brief based on a round of Focus Group Discussions in all 10 polders
- Reviewed and commented on progress reports of DDCS&PMS Consultants.
- Made field visits for monitoring of implementation, physical progress, and safeguards compliance and consultation with PAPs.
- Prepared special reports
- Advanced the development of the web based PMIS [www.ceip-bwdb.gov.bd](http://www.ceip-bwdb.gov.bd)

## **Administration**

During the past year, a draft DPP proposal was submitted to the World Bank through ERD focusing on the re-allocation of Package 03 budget and seeking additional funds to cover additional Bank Protection Works, Land Acquisition fund shortfall and the extension of time to June 2023 to accommodate the works and appurtenant services. The revised DPP was finalized for submission to higher authorities of GoB.

## **Issues and Recommendations**

### New Issues

**R** Issue QPR29-1: There are important follow-on actions that are required in order to capitalize on the CEIP-1 infrastructure investments and for sustainability

Status: The full potential of optimizing water management for improved agricultural production is yet to be achieved. WMA/WMG are generally not prepared to take over O&M activities. The core objectives of CEIP-1 focused on protection against tidal/storm surges and flooding and salinity intrusion. Other than cropping intensity as a measure of the impact of the physical improvements, the core objectives of CEIP-1 did not focus on maximizing crop productivity and O&M. It is accepted, but there remains work to be done in these areas that will deliver a sizable benefit stream without much additional cost. Constraints yet to be overcome are that the WMOs were not formed early in the project where they could have participated in the design and they even now are not much engaged in the O&M as the systems are not yet turned over. As a result, ownership of the completed physical works has yet to be strengthened at the local level of WMAs/WMGs.

Recommendation: BWDB should consider including these elements in CEIP-2 and also to design, finance and implement a follow-on project for the CEIP-1 polders as well. This project or component of CEIP-2 would have the following objectives:

- Establish ownership of physical works by WMOs with the support of BWDB O&M division. This would involve a suitable budget allocation for an outsourced (via WMA/WMG) O&M monitoring and operation system.
- Enable timely routine and periodic maintenance through temporary outsourcing contracts and budget allocation complementing the ownership and administration by the WMOs
- Establish M&E system at BWDB which will alert the agency on issues and ensure that O&M of physical works created under the project is effective.

**R** Issue QPR29-2: Clarity is lacking on when WMA/WMG are to be responsible for O&M

Status: The Works Contractors retain possession of the polders until handing over but then must rectify any problems during the Defects period. The WMA/WMG are not yet operating the system and once the defects period is completed they are not clear on the division of O&M responsibilities between the organization and the BWDB.

Recommendation: The roles and responsibilities should be outlined and communicated clearly along with the expected timeline. Some WMOs have become moribund since their formation so efforts are needed to engage the users more proactively.

### Red Flag Issues Unresolved from Prior Quarters

All of the “red flag” issues – new and old – are both urgent and important and they must be pursued in parallel. The issues bulleted below represent the full list of most critical among

the issues remaining unresolved from prior quarters. The numbering scheme relates to the quarterly report in which the issue was first raised, followed by the serial number of the issue in that report.





- **R** Issue QPR28-1: **Contract Variations are pending** for the Consultants and must be expedited for required resources to continue to be committed.
- **R** Issue QPR27-1: Review of Replacement Candidates for Consultants is Much Delayed: The Third-Party M&E Consultants have not replaced any of their international personnel during the past seven years. However, in late 2020 and early 2021, it became necessary to propose the replacement of the Environmental Specialist and the Social Safeguards Specialist due to the impact of the risk of COVID on these senior staff. To date, there has been no decision on the CVs that have been submitted.
- **R** Issue QPR26-1 (Jan-Mar 2022): **WMGs and WMAs Require Training on O&M Planning/Budgeting**. The NGOs charged with the mobilization and formation of WMOs have generally fulfilled their mandates. They have also provided training to the WMOs in a variety of subjects ranging from Organizational Roles and Responsibilities (members and various committees), Participatory Water Management, Accounts Keeping and Audits, Gender and Leadership Development, Resource Mobilization, and Infrastructure O&M hands-on Training. NGOs had given theoretical training to the WMA and WMG because DS&FS was not completed during the training period.
- **R** Issue QPR25-1 (Oct-Dec 2021): **COVID-19 Continues to Represent a Threat to Progress**. COVID-19 has proven to be unpredictable and low positivity rates of one period of time have been followed by rapid infection rates due to the appearance of variants. This is more of a risk than an issue.
- **R** Issue QPR25-2 (Oct-Dec 2021): **Package 01 Group-Relocated PAPs Still Awaiting Promised Amenities**. There are seven group relocation sites in Package 01 for residents. PAPs have reported that they have not yet received the access road, water tank and sanitary latrines that were to be provided by CEIP-1, despite having relocated more than two years ago. For the 4 nos. relocated markets, CEIP-1 was to provide tubewells and sanitary latrines as well, but these are still awaited. PMU will be including an additional works package in the RDPP that is currently under development. The procurement of the new works contract is at risk of not being completed on time and must be expedited.
- **R** Issue QPR25-3 (Oct-Dec 2021): **Contractors' Environmental Health and Safety Practices are Faltering**. Routine field visits by the M&E Consultants and the Annual Environmental Audit have found that environmental health and safety practices are not being complied consistently and have faltered compared to earlier years. This is especially evident in Package 02. Measures to limit COVID risk, use of PPE, use of flagmen, etc. are frequently not being implemented. It is recommended that DDCS&PMS Consultants tighten their oversight of the Contractors and issue non-compliance reports to ensure they take necessary corrective action. Contractor staff require effective re-training and senior management must direct their staff to comply with environmental safeguards.
- **R** Issue QPR24-1 (Jul-Sep 2021): **Non-titled EPs and possibly others are again encroaching on the newly completed embankments**. It has been found that in many places of Polder 32, 33 and 35/1, squatters have been returning to the embankment and building structures and doing business. **Some are causing damage to the embankments**. It is recommended that BWDB should coordinate with local government to develop and implement the necessary actions to protect the integrity of the embankments.
- **R** Issue QPR24-2 (Jul-Sep 2021): **Qualification of Select Staff Resources of Contractor**. It has been found that the Contractor of Package 02 has deployed unqualified construction







supervision positions. DDCS&PMS may be requested to check the Contactor's staff experience and qualifications as per their contract and/or assess the performance and take necessary action.

- **Issue QPR24-3 (Jul-Sep 2021): RESOLVED: Some key international experts have not yet resumed travel.** International key experts have not all resumed working physically in Bangladesh. Since the consulting work requires close coordination and has an element of capacity building, this is not ideal. With the wide availability of COVID vaccines, the Consultants and Contractors should mobilize staff to Bangladesh. PMU may request such mobilization. **UPDATE:** Many international experts have resumed their field inputs starting in the October-December 2021 quarter and now it is at a normal level.
- Issue QPR23-2 (Apr-Jun 2021) partially RESOLVED: **Formation of WMA in Polder 43/2C and 47/2.** Formation of WMA in the polder 43/2C and 47/2 has not yet been achieved. Without WMA, sustainable polder functionality will be a major challenge, equity in water management is not likely and the agricultural benefits expected will not be achieved. The NGO engaged for WMA formation in these two polders needs to accelerate their work and consultations with local people to solve all the issues. **UPDATE:** No change as of 31 March 2022. **UPDATE:** as of 30 June 2022, all the WMA formation has been done, and three WMA (43/2C, 47/2, and 48) registration yet to be done.
- Issue QPR23-4 (Apr-Jun 2021) partially RESOLVED: **Afforestation disputes in Polder 32.** Secretary of WMA Polder 32 has asserted to the M&E Consultants that the Department of Forest (DoF) is planting low-quality seedlings. Moreover, DoF is not paying the watchers properly. PMU may request DoF to investigate and follow up. **UPDATE:** as of 30 June 2022, due to the salinity of polder 32, surviving rate of the plant is low in polders 32, 33 and 33. DoF has replaced the survived plant.
- **Issue QPR 22-1 (Jan-Mar 2021): Additional Drainage Structure and Channels need to be Constructed.** Some structures of the polders have been taken up under AILA, like in polder 32 – DS 14. This DS with channel (Kamarkhola) are not included in CEIP-1. Due to the gate of the drainage sluice not working properly (shaft rod and rubber), there is salinity intruding and Kamarkhola channel has been silted up. Kamarkhola channel is one of the main channels of this Union (Kamarkhola). Farmers have started cultivation of watermelon and other crops in 2021, Rabi season, but, due to coming of saline water from DS 14, the local farmers have made a cross-dam over the channel and they did not get what they expected with respect to crop production.
- Issue QPR 22-2 (Jan-Mar 2021) partially RESOLVED: **All the Drainage Channels need to be Excavated Immediately in Package 01.** After completion of construction of Embankment, Drainage and Flushing Sluice, local farmers are getting proper benefit from the project interventions. It has been found drainage channels are not sufficiently excavated and there was a shortage of water during cultivation of Rabi season. **UPDATE:** PMU has requested DDCS&PMS Consultants to explore where additional drainage channel excavation should be undertaken. **UPDATE:** 30 June 2022, all the drainage channels in package 01 and 72% of works of package 02 have been done as per RDPP. For increasing cropping intensity, additional drainage channel excavation is demanded additional funding.
- **Issue QPR22-3 (Jan-Mar 2021) EHS practice is not being found in Package 01 & 02.** It has been found that Environmental Health Safety practice during field visit of M&E staff are not consistently followed and we have also seen photos uploaded in WhatsApp as part of construction progress monitoring in which workers and staff are non-compliant. **UPDATE:** The issue has not been resolved as of December 2021.
- **Issue QPR21-1 (Oct-Dec 2020) RESOLVED: The current CEIP-1 completion date of June 2022 will need to be extended.** Only 52.3% of the project budget has been expended as of

31 December 2020 – the original loan closing date and five years since notice to commence was issued for the first package. Given the slow rate of progress of works under Package 02, the need for additional Bank Protection Works and the delay in appointment of the CEIP-2 Feasibility Study Consultants, the current completion date of June 2022 will not provide adequate time to complete the works and services. – It is possible that due to COVID-19 impact that there will be a willingness on the part of the GoB to extend the project by one year without much hindrance. It is suggested that the matter of an extension be deferred until later in the project when there is greater clarity on actual requirements.

-  Issue QPR20-1 (Oct-Dec 2020) **RESOLVED: Some Quality and Condition Issues Exist in the Construction Works of Package 1.** There are quality issues with some of the works. Due to excessive rain this year, many places of Package 1 & 2 have been found deteriorated where, for example, the top of the embankment is not in good shape and damaged, shaft rods are bent, etc. Further, undersized rods have been observed in several DS and FS and wheels of all sluices are oversized. The loose aprons of most of the sluices are damaged and existing slope protection works are also heavily damaged in some places. DDCS&PMS Consultants' team should perform a global check on the quality of construction works (condition assessment) and give a comprehensive report for recommendation of reconstruction. **UPDATE:** Many DS of Polder 32 and 33 have been leaking and saline water coming inside of polder and farmers have made cross dam over the channels because if saline water come to the paddy field, their crop like Watermelon would be damaged.
- Issue QPR19-1 (Jul-Sep 2020) partially **RESOLVED: Attention Needs to be Focused on Actualizing Agricultural Benefit Stream where the DS&FS are operational.** Five drainage sluices and ten flushing sluices in Package-01 have been theoretically operational for more than one year due to the physical works achievement and also the influence of local people but these DS & FS have not yet been handed over to BWDB and the WMOs are not yet functional. In addition, there are other newly constructed DS & FS that have problems with their gates. Physical works, institutional arrangements and extension support must all be in place to see increased agriculture cropping intensity – one of the key goals of the project and a key element in the economic justification of the investment. Generally, farmers are not being benefited yet with respect to cropping intensity in the polder area. **UPDATE:** as of 30 June 2022, DS&FS are in operation, and the farmer benefits from the agriculture site.
-  Issue QPR19-2 (Apr-Jun 2020): **RESOLVED: COVID-19 Pandemic is a Continuing Risk to the Quality and Progress of Works.** Progress of Package 1 and 2 was extremely slow during the March-June 2020 period and COVID-19 was a major factor. Progress was 2.84% and 1.53% respectively for the two packages in April-June 2020 quarter and basically in July-September 2020, no progress. Most of the foreign skilled labor are not present in the field area. Coronavirus is an unpredictable phenomenon all over the world, and researchers cannot give any specific timeline for when a vaccine will be available. Travel restrictions and the need for social distancing mean that the both physical works progress and the level of supervision are being affected. Package 01 has one remaining dry season and Package 02 has only two.
-  Issue QPR18-1 (Jan-Mar 2020) **PARTIALLY RESOLVED: COVID-19 Pandemic Inhibits Field Visits and Physical Progress to Some Extent.** Package 01 progress advanced from 81.51% complete on 31 December 2019 to 87.0% on 31 March 2020. With the public holiday in effect during part of March, all of April and now continuing into May 2020. **UPDATE:** *new time extension up to June 2021, all the works now planned to be finished as per Contractors' work plan.*
-  Issue QPR17-1 (Oct-Dec 2019) **PARTIALLY RESOLVED: Completion of Package 01 Works by June 2020 Contract End Date is Unlikely.** As DDCS&PMS report in their MPR of December

2019, overall physical progress of Package 01 works stood at 82.26% on Polder 32, 92.07% on Polder 33, 58.76% on Polder 35/1, 92.13% on Polder 35/3 and 81.51% for Package 01 as a whole (and as of 30 June 2020, it stood at 89.84% complete as a whole). Also, except for the drainage and flushing sluices, it is questionable whether the other interventions will be finished in time. **UPDATE:** *new time extension up to March 2022 supersedes prior time extension up to June 2021. Another extension is required and is in process.*

-  Issue QPR17-2 (Oct-Dec 2019): **Land Acquisition for Polder 35/1 Embankment Realignment is Stalled.** Due to erosion of the river at Polder 35/1, the alignment of the embankment has been shifted, so a new 6.93 ha (1.8 kms) of land need to be acquired. The Consultant team has submitted the land acquisition proposal to DC office on 18 February 2019. For unknown reasons, the DC office has not yet sent the request to MoL for approval. **UPDATE:** As of December 2021, most of the land has been made available to the BWDB and the small remaining amount is with the MoL now.
-  Issue QPR17-3 (Oct-Dec 2019): **Public Awareness of Grievance Redress Mechanism Needs to be Enhanced.** During the last 5 quarters for Package 02 (through December 2019), no new grievances have been reported. This would be good news if there are actually no issues, however, this is highly unlikely as the construction work is going on and RAP and LAP are being implemented. During field visits of M&E team, it was found that most PAPs are not aware of the GRM or they may have forgotten because it has been a few years since the awareness raising campaign was done by the DDCS&PMS Consultant. Access to grievance redress is not only the right thing to have in place for the benefit of the project-affected persons and communities, it is a covenant of the loan agreement with the World Bank. Furthermore, such access benefits the project by bringing issues to the fore before they reach a crisis level or produce bad publicity that could in the most extreme cases halt the project altogether. **UPDATE:** The low level of grievances continues as of December 2021, though five were lodged during the October-December 2021 period.
-  Issue QPR17-4 (Oct-Dec 2019): **PARTIALLY RESOLVED (though lost time cannot be recovered) - Slow Formation of WMOs Will Adversely Impact Project Benefits.** CEIP-1 seeks to provide coordination among the competing needs of various users and to ensure equity and sustainability by assigning operation and maintenance responsibility to the Water Management Groups (WMG) and polder-level Water Management Associations (WMA). As of 31 March 2020, only 52 (Khulna 11 & Bagerhat 41) of 146 WMGs have been formed but no WMAs formed yet. There are several reasons including delays in mobilization, less experienced professionals or key staff vacancies, lack of support (or even opposition) from local community leaders and in some cases lack of the NGO's experience in consultancy work. Further delay of having trained WMOs in place will adversely affect the planned benefits from the project as effective water management must occur in parallel with the physical improvements that are put in place. **UPDATE:** formation of WMA is being met at target, and formation of WMG has gotten lot of progress as of September 2020. Now, as of December 2021, only two WMGs and one WMA remain to be formed.
-  Issue QPR16-1 (Jul-Sep 2019) **RESOLVED: NGO Package S01-C (Pirojpur District) and Package S01-E (Patuakhali District) - work progress is slow.** NGO Package S01-C (Pirojpur District) has received notice to commence on 24 February 2019 and Package S02-E has received notice to commence on 02 May 2019. While the inception phase work has been done the tasks related to formation of WMOs have not sufficiently advanced. A revised realistic timetable for deliverables should be prepared within the original duration of the contract and the NGOs should commit to meet these new deadlines. **UPDATE:** *September 2020, both packages are making good progress.*

- Issue QPR16-2 (Jul-Sep 2019) **PARTIALLY RESOLVED: Supervision Consultant Key Staff Vacancies Are Likely to Impede Work.**The RE of Package -1 have been absent for over a year, however RE of Package -2 has joined in his In December quarter. The national Social Safeguard Specialist has also been absent for a long time. Key staff must be remobilized as the 2019/20 construction season gets underway.
- Issue QPR15-1 (Apr-Jun 2019):**Communities Near Newly Constructed Drainage Sluices that are in Operation Are Experiencing Problems.**Five drainage sluices in Polders 32 and 35/3 have been completed and have been in operation since early 2019. At each location, community members are reporting that they continue to suffer from salinity and/or waterlogging because the gates do not fully close. The Contractor should rectify and monitor water quality (specifically, salinity and pH) in the area affected in the interior of the polder. In cases where it is a social issue, the NGO responsible for the WMO formation and any ad hoc WMO committee already in place should be made aware of the issue so they may participate in its resolution.**UPDATE:** as of 30 June 2022, all the DS of Package 01 are functional.
- Issue QPR15-3 (Apr-Jun 2019)**RESOLVED: DDCS&PMS Consultants do not meet all tasks of LAP preparation as per contract.**TheLAP-related part of the scope of work includes: land management data; digital representation of cadastral maps and revenue maps with the plot number; central repository of all the land related data, owner details etc.; pictorial representation of Land Map on Satellite image; Viewing of daily Land Acquisition status on color coded thematic map; Customized report generation with graphical representation on charts, graphs with dashboard; Land Cost Estimation, Calculation & Payment to the Land owner; etc. A time-based action plan to deliver all elements should be developed by the Consultants and implemented.**UPDATE:** as of June 2022, LAP preparation is now satisfactory level.
- Issue QPR12-1 (Jul-Sep 2018) partially Resolved: **Package 02 Contractor physical progress is weak.**The physical progress of package-2 has been weak since start-up. **UPDATE:**Up to June 2020, progress was only 52.14% against the revised target of 67.09%, Which is less than satisfactory. Intensive monitoring of works by the DDCS & PMS consultants has to be ensured. Update: Up to July 2022, progress of Package 02 has reached 83.89%.
- Issue QPR9-1 (Oct-Dec 2017) **RESOLVED:Functionality of PAVCs, PRACs and GRCs is At Risk.** Simply due to the lack of honoraria or allowance, committees that are critical to the Project are not functioning well and are at risk of losing the interest of participants. Participation in these committees represents additional duty and requires extra effort and expense for travel, which is not compensated. Since the World Bank will not cover additional payments to government employees and since it is the practice of GoB to pay honorarium for such service, it is recommended that the GoB consider including its own funds for such purpose in the revised DPP.**UPDATE:** No honorarium was provided, but an appeal was made to the committee members to continue their work and most did so.
- Issue QPR6-2 (Jan-Mar 2017)**RESOLVED:Engineer Needs to Deploy Additional Site Staff** now that the Package 02 Contractor is mobilizing. - The DDCS&PMS Consultants have submitted a request for budget re-allocation for this purpose to the PMU and the way forward must be agreed quickly so there is adequate supervision in place.
- Issue QPR4-1 (Jul-Sep 2016) **RESOLVED:Land Acquisition Cost Has Increased Dramatically.** World Bank and GoB to consider and formally agree on the budget re-structuring and financing to meet the increased land acquisition costs. Restructuring has now been agreed between the parties.Formal DPP approval is pending.**UPDATE:** DPP approved with required funding for this expenditure.

- Issue QPR4-4 (Jul-Sep 2016) Resolved: **Livelihood Restoration Program Needs Attention.** Limited training needs assessment has been done and no training delivered to date. **UPDATE:** as of 30 June 2022, most vulnerable people have been involved in social afforestation groups and caring for afforestation.
- Issue QPR2-2 (Jan-Mar 2016) **RESOLVED:DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment** to accommodate cost increases in estimated cost of works, land acquisition and consulting services (and change in the USD/SDR Exchange Rate as well as change in tax rate). This process takes as long as one year. In 2019, the BWDB submitted a draft proposal for DPP revision to the World Bank through ERD that takes the project through June 2022.
- Issue QPR2-10 (Jan-Mar 2016) **PARTIALLY RESOLVED: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management.** While these competencies are not expected of the PMU since the Engineer has been hired for this purpose, such training and advice would benefit the Project and the BWDB. The World Bank has provided a useful one-day orientation in 2016 followed by another in April 2018, but more is needed.
- Issue QPR1-4 (Oct-Dec 2015)Partially **RESOLVED: 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, 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 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 DSC) 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. **UPDATE:**As of 31 March 2018, compensation to non-titled EPs stood at 83% of compensated EPs for Package 01 and 95% of this number have vacated their premises (thus 79% of all non-titled EPs). This is good progress, but it spanned 18 months. As of March 2020, after more than four years, only 2728 titled land-holders out of a total of 6787 in Package 01 have been compensated – 40.2% of titled EPs. While the scattered, non-contiguous encumbrance free stretches of embankment may have been a constraint initially, they are much less an issue now. Efforts must be made to avoid this type of problem persisting in Package 02, where after two years (as of June 2019), only 134 of 1777 titled EPs have been compensated and as of March 2019 only 701 have been compensated. **UPDATE:** as of 30 June 2022, all the RAP payment has been made in Package 01, and LAP payment is being proceeded; however, most of the LAP payment has been made in Package 01, and the remaining payment progress is slow because: 1. Unwillingness to get a small amount of money 2. EPs don't have legal documents 3. Conflict of ownership of land 4. Legal litigation of land 5. Vested property of land.

#### Status of All Issues Raised in Prior Quarters

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

## Summary of Plans for the Next Two Quarters

### **Finance and Administration:**

- Additional disbursement will be requested from the World Bank.
- The revised DPP will be approved and contract variations executed. An rDPP became necessary given the need for further extension occasioned by COVID-19, slow progress of the works in Package 02 and delayed engagement of the CEIP-2 preparation consultants.
- Extension period amendment with approved budget expected to be executed for DDCS&PMS Consultants and for M&E Consultants.

### **Procurement:**

- For Package 03, the RAP/LAP preparation will be completed.
- Obtain no objection from World Bank for bid documents for Package 03

### **Works:**

#### **Package 01**

The balance of the works is expected to be fully completed in the current fiscal year.

#### **Package 02**

The balance of the works is supposed to be fully completed in the current fiscal year, but there may be some works remaining after June. Package 02 contractor must give greater attention to the embankment and drainage channel excavation works.

### **Construction Supervision:**

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

### **RAP/LAP:**

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

- Payment to Titled EPs, 2073 nos.

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

- LAP payment in 40.85 ha of land all in package 02.
- Resettlement payment to non-titled EPs, 33.93%.

### **Environmental Safeguards:**

1. Continue supervision and monitoring of the Contractors' implementation of EHS activities and implementation of COVID-19 management plan
2. Implementing, following up and monitoring of the recommendations/action plan of the 6<sup>th</sup> Annual Environmental Audit Report
3. Preparation of 7<sup>th</sup> Annual Environmental Audit Report.

***Monitoring and Evaluation:***

The M&E Consultants are to prepare the 30<sup>th</sup> and 31<sup>st</sup> Quarterly Progress Reports, maintain and update the CEIP-1 website, estimate the cropping intensity using primary and secondary data (also using Landsat 8 and Sentinel satellite image), improve on the web-based PMIS, follow up on implementation of action plan for the 7<sup>th</sup> Annual Environmental Audit, participate in preparing the 14<sup>th</sup> Bi-Annual Environmental Monitoring Report, monitor the progress and performance of CEIP-1, review the reports of the various CEIP-1 consultants and provide M&E training. The M&E team will mobilize its international M&E Engineer to review the potential for additional drainage excavation, the emergency works approach to Polder 32 and for an overall review of issues concerning the works. The M&E team will also participate in any ISR missions of the World Bank.







## 1. PROJECT BACKGROUND

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

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

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

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

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

*Table 1: Key outcomes of the project*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## 2. PROJECT BACKGROUND

### 2.1. Finance and Disbursements

Due to the COVID-19 pandemic, many PMU staff had been working from home from time-to-time during a few lockdowns. Generally, however, staff have returned to office. Financial data were therefore accessible for the past two quarters.

#### Disbursements from the World Bank to the Project

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

Disbursements to the Project stand at 70.12% of the total amount as of 31 December 2022 which is same in the prior two quarters. The total disbursed to date is \$280.478 million comprised of IDA Credit US\$255.478 m plus Trust Fund PPCR Grant US\$ 25.0 million.

Table 2: Disbursement from the World Bank to the Project

Quarter end-Date	Cumulative as of Given Date (USD million)			
	IDA Credit	PPCR Grant	Total	As % of Total Project Cost
31-Dec-22	255.478	25	280.478	70.12%
30-Sep-22	255.478	25	280.478	70.12%
30-Jun-22	255.478	25	280.478	70.12%
30-Jun-21	236.837	25	261.837	65.46%
30-Jun-20	210.813	25	235.813	58.95%
30-Jun-19	163.342	24.474	187.816	46.95%
30-Jun-18	83.24	19.98	103.22	25.80%
30-Jun-17	38.52	17.01	55.53	13.88%
30-Jun-16	17.48	8.72	26.2	6.55%
30-Jun-15	17.48	0	17.48	4.37%
30-Jun-14	4.63	0	4.63	1.16%

Source: PMU Office of CEIP-1

#### Project Expenditures

Tables 3 and 4 present the Revenue/ Input Expenditure Data as well as Capital/ Output Expenditure Data as of 31 December 2022.

Revenue expenditures up to the secondquarter of FY 2022/2023 were at 7.37% of the planned expenditures for the current FY (column 8, last row of Table 3) and 1.00% of the planned expenditures for the entire project period compared to 0.32% and 0.043% respectively in the prior quarter. Cumulatively, revenue expenditures have reached of the project budget for these expenditures as of 30 June 2022 (column 10, last row), 75.14% up from:

- 74.19% in June 2022
- 60.68% in June 2021
- 55.26% in June 2020

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

- 44.46% in June 2019 and
- 32.39% in June 2018.

Table 3: Revenue Expenditures / Input Cost up to 2<sup>nd</sup> Quarter of FY 2022-23 (as of 31 December 2022)

Services Package	Planned for		Progress				Achieved (%) of this FY against		Cum. achieved against the Total Project Cost	
	Major items of action	Total Project	FY 2022-23	Cum. upto last FY	This (1st) Quarter of the FY	This FY		This FY's Plan		Total Project
	BDT	BDT	BDT	BDT	BDT	US \$	%	%	%	
Rf #	1	2	3	4	5	6	7	8	9	10
<b>1. Implementation of SAP and EMP</b>										
1.a	Resettlement / Compensation Payments other than Land Acquisition	12,700.00	1,000.00	10,408.32	-	198.57	2,51,354	19.9%	1.6%	83.52%
1.b	Consultancy service to Imminent (a) Social afforestation; (b) social action plan (incl. setting up WMOs)	1,987.21	300.00	1,374.23	-	-	-	-	-	69.15%
<b>2. Construction Supervision, M&amp;E, Delta Monitoring</b>										
2.a	Consultancy Services for Construction Supervision & Detailed Engineering Design of remaining 12 Polder under CEIP, Phase-1	17,987.94	1,847.00	15,430.06	-	161.25	2,04,114	8.7%	0.9%	86.68%
2.b	Third Party Monitoring & Evaluation (M&E) of overall project implementation. RAP & EMP	3,479.77	500.00	2,822.15	-	-	-	-	-	81.10%
2.c	Consultancy Service for Long term monitoring, rescach of Bangladesh Coastal Zone	12,792.03	2,000.00	8,561.67	-	202.50	2,56,329	10.1%	1.6%	68.51%
<b>3. Project Management, TA, Training, Strategic Studies</b>										
3.a	Project management support and audits	5,329.14	340.00	3,360.36	-	26.89	34,038	7.9%	0.5%	63.56%
4.	Overseas Training	500.00	10.00	302.20	-	-	-	-	-	60.44%
5.	Honourium/fees/Remuneration	35.00	3.00	31.67	-	0.60	765	20.1%	1.7%	92.21%
	Other Activities not yet undertaken *	4,423.64	2,000	1,631.38	-	-	-	-	-	36.88%
	<b>Sub-total Revenue Component</b>	<b>59,234.73</b>	<b>8,000.00</b>	<b>43,922.05</b>	<b>-</b>	<b>589.81</b>	<b>7,46,600</b>	<b>7.37%</b>	<b>1.00%</b>	<b>75.14%</b>

\* Other Activities include the activities - "Consultancy Services for Institutional Capacity building and Feasibility studies and preparation of design for the following Phases of CEIP"

Source: IMED-05 report December, 2022 of CEIP-I

1 USD=79 BDT

As for capital expenditures, the expenditures as of December 2022 were 8.29% of the planned expenditure for the 2022-2023 fiscal year (column 8, last row of Table 4), representing 0.89% of the total capital budget for CEIP-1.

Table 4: Capital Expenditures / Output Cost as of 2<sup>nd</sup> Quarter of FY 2022-23 (as of 31 December 2022)

Goods & Works Package	Planned for		Progress				Achieved (%) of this FY against		Cum. achieved against the Total Project Cost	
	Component / Sub-Component	Total Project	FY 2022-23	Cum upto last FY	This (1st) Quarter of the FY	This FY		This FY's Plan		Total Project
Rf #	1	2	3	4	5	6	7	8	9	10
		BDT	BDT	BDT	BDT	BDT	US \$	%	%	%
1.a	Equipment and goods under Comp. B, C, D (6800)	1,074.60	30.00	762.44	-	0.29	367.00	0.0097	0.027%	71.0%
1.b	Afforestation	3,280.00	800.00	1,800.00	-	-	-	-	-	54.9%
2.a	Acquisition of Land (544.16 ha)	35,866.70	2,300.00	28,832.57	-	1,472.63	18,64,089	64.0%	4.1%	84.5%
3.a	Construction & Re-constructions of Drainage Structures (7041)	29,052.33	8,000.00	16,800	-	-	-	-	-	57.8%
3.b	Others (7081)	1,83,445.39	15,870.00	1,26,842.83	-	766.22	9,69,899	4.8%	0.4%	69.6%
	Other Activities not yet undertaken **	20.00	-	-	-	-	-	--	-	-
	<b>Sub-total Capital Component</b>	<b>2,52,739.02</b>	<b>27,000.00</b>	<b>1,75,037.83</b>	<b>-</b>	<b>2,239.14</b>	<b>28,34,354</b>	<b>8.29%</b>	<b>0.89%</b>	<b>70.1%</b>

Cumulatively, the project has disbursed 70.1% of the total capital expenditures budgeted for the project (last row of column 10).

Recent years' revenue and capital expenditures as a percentage of project budget total in each category were as follows:

Year	Revenue	Capital
2021-22	5.7%	3.6%
2020-21	5.8%	5.2%
2019-20	10.8%	10.4%
2018-19	15.9%	18.9%

Again, COVID-19 did have some impact on the achievement in the 2021/22 and 2020/21 fiscal years.

Table 5 presents the share of expenditures for revenue items in US Dollars. It shows a 20.1% share to date which is in line with the overall life-of-Project plan of 19.0%. The expenditure under consultancies and non-titled compensation normally precedes capital (works and land acquisition) expenditures due to design, procurement and land title documentation efforts required, but much of this is now completed and the works are substantially advanced so the experienced share of cost which is revenue is as expected.

Table 5: Share of Disbursement which is Revenue Expenditure – as of 31 December 2022 (USD)

	Planned for FY 2022-23	Actual upto this Qtr of FY 2022-23	Inception to Date	Overall Project
Revenue Expenditure	1,01,26,582	7,46,600	5,63,44,129	7,49,80,671
Capital Expenditure	3,41,77,215	28,34,354	22,44,01,227	31,99,22,810
Share of the Revenue-cost against the Total	22.9%	20.8%	20.1%	19.0%

Source: M&E Consultant's calculations

As of December 2022, the Loan had become effective for 112 months (9 years and 4months). According to the IMED reports prepared by PMU, total expenditure by the project to date is as follows:

Table 6: Cumulative Expenditures by the Project

Date	Cumulative Disbursed (\$million)	Cumulative Disbursed (% of total project cost)
31-Dec-22	268.509	68.32%
30-Sep-22	266.893	67.91%
30-Jun-22	265.084	67.45%
30-Jun-21	236.44	59.1%
30-Jun-20	215.58	53.9%
30-Jun-19	173.63	43.4%
30-Jun-18	96.96	24.2%
30-Jun-17	50.44	12.6%
30-Jun-16	21.97	5.3%

Source: IMED reports

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



## 2.2. Project Inputs – Personnel and Equipment

### 2.2.1 Project Organization Chart

The Project Organization chart is depicted in Figure 2 below.

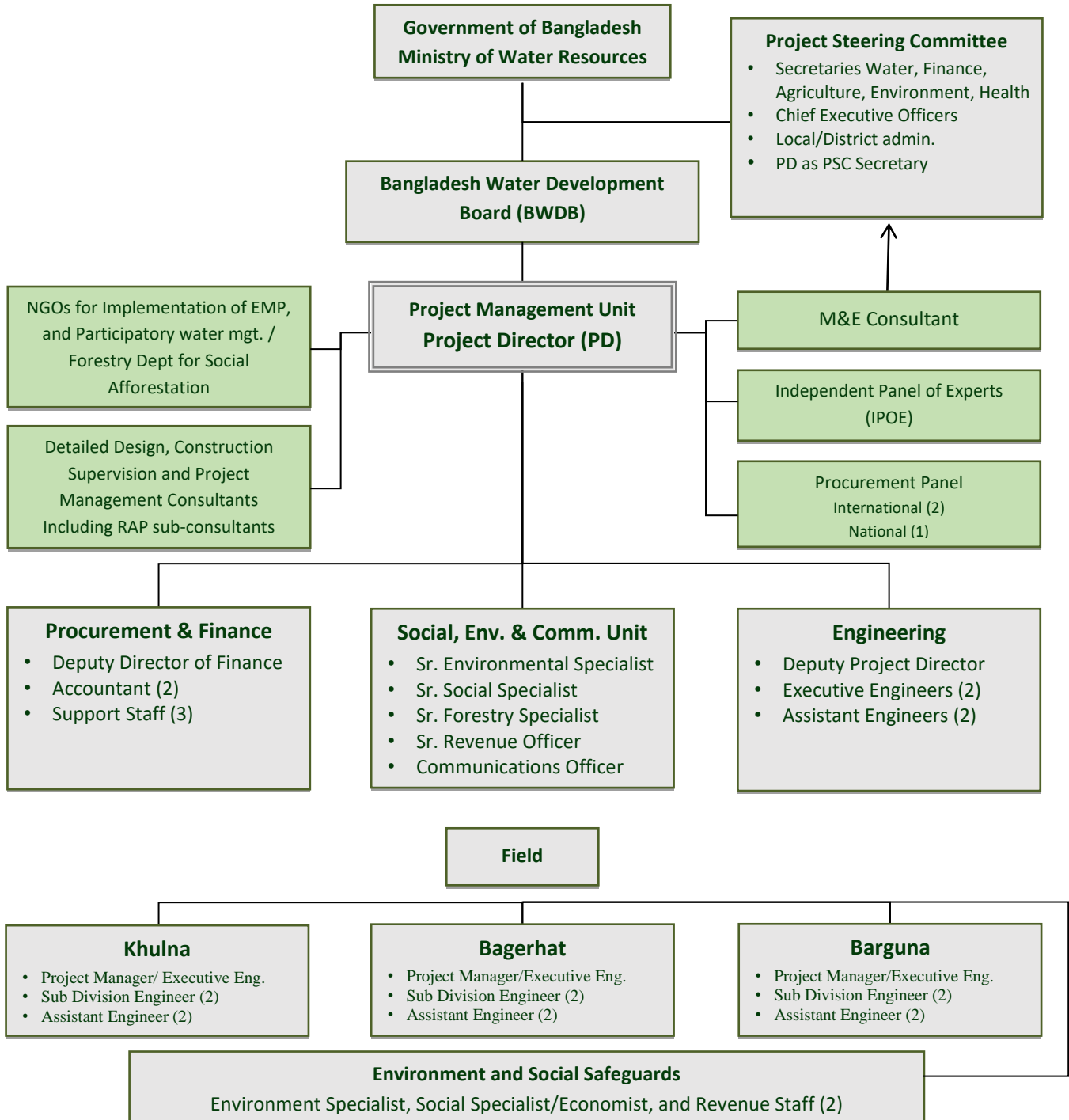


Figure 3: Project Organization Chart

## 2.2.2 Project Management Unit (PMU)

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

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

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

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

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

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

- Position of Construction Resident Engineer (Int.) for Package 01 has been vacant since August 2018, but CRE-2 is overseeing both packages and now the work is nearly complete.
- Position Resettlement Specialist (Nat.) is vacant since 2018.

*Table 7: Status of Deployment of Most Critical Staff of DDCS&PMS Consultant*

Sl.	Position	Name	Status 31-Dec--18	Status 30-Jun-21	Status 31-Dec-22
<b>Professional</b>		<b>(International)</b>			
1	Team Leader	Jean Henry Laboyrie & Gerard Pichel	Derk Jan (Dick) Kevelam in place	In place	In place
2	Deputy Team Leader	Habibur Rahman A K M Momtaz Uddin	Habibur Rahman	A K M Momtaz Uddin in place, He is on board as of 12 December 2021	In place
3	Construction Resident Engineer- Package 01	Paul Zwetsloot	Vacant	In place	In place

Sl.	Position	Name	Status	Status	Status
			31-Dec--18	30-Jun-21	31-Dec-22
4	Construction Resident Engineer- Package 02	Trevor Morrish Hale	Vacant as of Aug 2017; One candidate approved but failed to join due to health; proposed candidate under review.	In place	In place
<b>Professional</b>		<b>(National)</b>			
1	Deputy Team Leader	Md. Habibur Rahman	In place	AKM Momtaz Uddin in place	In place
2	Deputy Resident Engineer-Pkg 01	Mazibur Rahman Khan	Vacant	In place	In place
3	Deputy Resident Engineer-Pkg 02	Md. Gulzer Hossain	Mr. Abu Sayed Kamruzzaman in place	In place	In place
4	Resettlement Specialist/ Sociologist	M. A. Latif	Md. Zainal Abedin	Vacant	Vacant

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

Status of deployment of consultant's RAP Team

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

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

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

The NGOs were involved in motivation and awareness raising of the local people towards afforestation program, group formation for the afforestation under social forestry rule, providing training to the participants and other stakeholders, exploring the suitable livelihood options for the participants etc. along with the other two (2) main tasks - i.e., Social Mobilization with Social Action Plan (incl. setting up WMOs) and Integrated Pest Management (IPM) Plan.

There were five consultancy packages for implementing the NGO services. Their contract signing date, services commenced date and office setup status are given below-

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

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

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

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

The Consultant is the Joint Venture of DHI, Denmark and Stichting Deltares of the Netherlands in association with subconsultants, Institute of Water Modelling, Bangladesh, University of Colorado, Boulder, USA and Columbia University, USA and they mobilized on 28 October 2018. The project office is situated at Flat #3/B, House #4, Road #23/A Block B, Banani, Dhaka-1213. The office was fully equipped and functional on 14th December 2018. The services are nearing completion as of December 2022.

### **2.2.6 Works Contractor Package 1**

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

Table 8 provides the contractor's manpower mobilization status at the end of the quarter compared to the prior quarter. The number of staff is higher as of 31 March 2021 compared to 30 December 2021. Nevertheless, the staff levels are much below those of the prior year

as the works are winding up. A list of the contractor's key staff with contact details is given in Annex 3.

Table 8: Manpower Mobilized by Package 01 Contractor

SN	Staff Category	Total Nos. 30 Sep 2022	Total Nos. 31 Dec 2022	Khulna	32	33	35/1	35/3
1	Management	3	3	1	1	0	1	0
2	Technical Staff	36	36	13	10	1	11	1
3	Operator/ Driver	10	10	3	2	0	5	0
4	Skilled Worker	20	20	0	0	0	20	0
5	Laborers	0	0	0	0	0	0	0
6	Logistic	0	0	0	0	0	0	0
<b>Total</b>		<b>69</b>	<b>69</b>	<b>17</b>	<b>13</b>	<b>1</b>	<b>37</b>	<b>1</b>

Source: Contractor CHWE Monthly Progress Report, December 2022

Tables 9 and 10 present the contractor's equipment mobilization status against Engineer's estimate of requirements, which was updated in December 2022. The DDCS&PMSC calculated the equipment needs for Contract W-01 based on standard capacities and utilization.

Table 9: Required Equipment – Estimate of DDCS&PMSC Package 01

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

"nr" denotes "not reported"

Source: Report Received from DDCS&PMSC, September 2022

Table 10 shows the actual equipment in place as of 31 December 2022. Given the revised Work Program that was approved by DDCS&PMS Consultants (as Engineer) and its 12-month extension of time, these levels appear to be adequate.

Table 10: Equipment Deployed by Package 01 Contractor as of 31 December 2022

Name of Polder	Bulldozer S.F roller, Compactor (150 HP)	Dump Truck + carry Scraper	Exca- vator	Concrete Mixing Machine	Sand pile drivers	Sheet pile drivers	CC block manu- facturing machine	Batching plant	Position- ing ship	Survey Vessel	Barge	Wheel Loader
1	2	3	4	5	6	7	8	9	10	11	12	13
32	3	58	9	6	4	1	2	0	1	1	2	3
33	3	51	10	6	1	1	1	1	1	1	2	2
35/1	20	60	15	18	5	1	2	2	1	1	4	6
35/3	8	39	11	7	6	1	1	1	1	1	2	6
<b>Total</b>	<b>34</b>	<b>208</b>	<b>45</b>	<b>37</b>	<b>16</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>17</b>

## 2.2.7 Works Contractor Package 2

The Package 02 Contractor has mobilized additional staff during the quarter.

Table 11: Manpower Mobilized by Package 02 Contractor

SN	Staff Category	Total Nos. 30 Sep 22	Total Nos. 31 Dec 22	Dhaka	Patuakhali	39/2C	40/2	41/1	43/2C	47/2	48
1	Management	14	55	7	4	22	5	4	5	0	8
2	Technical Staff	15	7	0	0	1	2	1	2	0	1
3	Admin/Support	183	17	0	0	3	5	2	2	0	5
4	Operator/ Driver	188	104	2	1	40	15	13	13	0	20
5	Skilled Labor	449	163	1	2	85	23	15	11	0	26
6	Unskilled Labor	18	202	1	1	102	40	13	10	0	35
	<b>Total</b>	<b>135</b>	<b>548</b>	<b>11</b>	<b>8</b>	<b>253</b>	<b>90</b>	<b>48</b>	<b>43</b>	<b>0</b>	<b>95</b>

Source: Contractor CHWE Monthly Progress Report, December 2022

Table 12 reports on the equipment estimated to be required for Package 2 while Table 13 reports on the equipment available with the Package 02 Contractor.

Table 12: Equipment Requirements per DDCS&PMSC – Package 02

Name of Polder	Equipment Estimated by DDCS&PMSC to be Required (number)															
	Exca- vator	Dump Truck	Bull- dozer and Roller	Flat- bed Truck	Truck with crane	Crane	Pay loader	Water Bowser	Sheet pile driving equip- ment	Sand pile driving equip- ment	Fork- lift	Barge	Survey Vessel	Position- ing ship	CC block manu- facturing machine	Mixture Machine
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
39/2C	14	20	5	3	1	1	4	1	1	3	15	3	0	0	5	3
40/2	9	11	3	1	0	0	3	1	1	1	1	0	0	0	0	4
41/1	5	6	1	2	1	0	4	1	1	2	2	1	0	0	0	7
43/2C	6	8	2	0	0	0	3	0	1	2	2	0	0	0	0	4
47/2	2	3	1	2	0	0	3	1	1	2	1	0	0	0	0	6
48	13	21	6	3	1	0	7	1	1	1	1	0	0	0	0	5
<b>Total</b>	<b>49</b>	<b>69</b>	<b>18</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>24</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>22</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>29</b>

Table 13: Equipment Deployed by Package 02 Contractor as of 31 December 2022

Name of Polder	Equipment Estimated by DDCS&PMSC to be Required (number)															
	Exca- vator	Dump Truck	Bull- dozer and Roller	Flat- bed Truck	Truck with crane	Crane	Pay loader	Water Bowser	Sheet pile driving equip- ment	Sand pile driving equip- ment	Fork- lift	Barge	Survey Vessel	Position- ing ship	CC block manu- facturing machine	Mixture Machine
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
39/2C	17	9	3				6			2		3	0	3	5	5
40/2	7	25	2				3			0		0	0	0	1	12
41/1	2	13	2				3			4		3	0	3	1	12
43/2C	7	8	2				4			4		0	0	0	0	14
47/2	0	0	0				0			0		0	0	0	0	0
48	15	40	3				5			0		0	0	0	1	16
<b>Total 31 Dec 22</b>	<b>48</b>	<b>95</b>	<b>12</b>				<b>21</b>			<b>10</b>		<b>6</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>59</b>
<b>Total 30 Sep 22</b>	<b>48</b>	<b>95</b>	<b>12</b>				<b>21</b>			<b>12</b>		<b>6</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>42</b>
<b>Total 31 Dec 21</b>	<b>80</b>	<b>105</b>	<b>17</b>				<b>21</b>			<b>12</b>		<b>4</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>42</b>

Source: DDCS&PMS Consultant MPR and CICO Contractor MPR – September 2022,

### 2.2.8 Works Contractor Package 3

Being deferred to the next phase of CEIP.

### 2.2.9 Third Party M&E Consultants

Background and Status Prior Quarter	Current Quarter update
<p>As background, the M&amp;E Consultants assist the PMU in monitoring the RAP, SAP and EMP and in monitoring processes and outputs and evaluating the impacts of CEIP-1 overall. The M&amp;E Consultants signed the contract on 01 October 2015 and mobilized on 01 November 2015. All of the key staff have been mobilized. The national Environmental Specialist, became unavailable and a candidate was proposed as his replacement in August 2016 and subsequently approved. The national Social Safeguards Specialist became unavailable and a candidate was proposed in January 2019 and subsequently approved and mobilized on 01 August 2019.</p> <p>A budget-neutral contract modification #1 was approved in 2018.</p> <p>A budget-neutral contract modification #2 was approved on 21 October 2019.</p> <p>A Contract Variation was approved in 2020 extending and funding the services through June 2022.</p> <p>A Contract Variation was approved in 2022 extending the services through December 2023.</p> <p>A replacement candidate for the international Environmental Specialist and international Social Safeguards Specialist has been proposed in Dec 2020 and early 2021 respectively and they are under evaluation by PMU. A replacement candidate for the national Environmental Specialist position is also pending.</p>	<p>Still awaiting approval of the replacement candidates.</p> <p>Extension period contract variation with additional funding is pending but needs to be approved and executed as soon as possible.</p>

## 2.3. Procurement

There are 44 procurement packages under services – 11 packages for firms and 33 for individual consultants. One package for firms and five packages for individual consultants have been dropped. For the 10 packages to be contracted out to firms, all have been contracted – namely,

- DDCS&PMS Consultants,
- Third-Party M&E Consultants,
- Long-Term Monitoring, Research and Analysis of Bangladesh Coastal Zone; and
- Five (05) packages for the Consultancy for Social Afforestation, SAP and WMOs (now with Social Afforestation re-assigned to the Department of Forestry). Two of these five packages were signed during the quarter on 8 April 2019.
- Consultancy Services for conducting Internal Audit of CEIP-1 –Draft contract has been signed on August 06, 2020.
- Consultancy for Feasibility Studies and Preparation of CEIP-2, Contract has been signed on 19 July 2021.

As of 30 September 2022, all the individual consultants have been engaged except Senior Environmental Specialist and Social Safeguard Specialist (Khulna) position are vacant.

For details of all procurement see Annex–5: **Project Input Procurement Status and Plans.**

### 3. STATUS OF PROJECT OUTPUTS BY COMPONENT

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

#### 3.1. Outputs of Component A: Rehabilitation and Improvement of Polders

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

###### Mobilization and Preconstruction Activities

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

###### Engineer's Site Offices, Laboratory and Inspection Sheds

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

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

Background and Status Prior Quarter	Current Quarter update
<ul style="list-style-type: none"> <li>The Contractor established their main office in Dhaka and Khulna shortly within the time of commencement. The Contractor has built permanent site offices, and living quarters, which are 100% completed and fully functioning.</li> <li>The Contractor has set up a functioning laboratory at BWDB's Numagar premises in Khulna.</li> <li>Warehouse facilities for storage of cement and other perishable material has been put in place in each polder.</li> </ul>	Done.
CC block manufacturing machines – 5 fully operational (the manual machines are not in production any more)	No production

#### GC Sub-Clause 8.3 Work Program

Background and Status Prior Quarters	Current Quarter update
Contractor has submitted a revised Work Program on which shows completion of the works in March 2023. Progress up to 31 March 2022 was 97.01%.	Progress up to 31 December 2022 is 97.52% compared to the plan of completing 100%.

#### General

- Taking-Over Certificates for Polder 33 and 35/3 have been issued as per GCC Sub-Clause 10.1 (a) and 11.1. However, there remains some construction work and quality issues to be addressed.



## Embankment Works

The Contractor has completed 198.932 km of embankment works as of 31 December 2022, compared to 198.28 km up to the last quarter. The working length reached 199.16 km, which was 198.532 km in the previous quarter. See Table 14 for details.

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

Polder	Revised	As of 31 December 2022			As of 31 September 2022		
	Target (Kms.)	Length of Working Area (kms)	Fully Done (kms)	In Progress (kms)	Length of Working Area (kms)	Fully Done (kms)	In Progress (kms)
32	49.666	49.666	49.666	100.00%	49.666	49.666	100.00%
33	49.154	47.469	47.469	96.57%	46.819	47.296	96.20%
35/1	61.972	61.972	61.972	99.50%	62.22	61.972	100.00%
35/3	39.825	39.825	39.825	100.00%	39.825	39.825	100.00%
Total	200.617	198.932	198.932	99.16%	198.532	198.282	98.80%

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

The earthwork of embankment progress was 100% since June 2022.

Table 15: Package 01 Progress on Embankment Earthwork in m3

Polder	Revised Contract Length (km)	Contract Qty (000 m3)	31-Dec-22		30-Sep-22	
			Qty (000 m3)	% Done	Qty (000 m3)	% Done
32	49.666	1618.396	1624	100%	1624	100%
33	49.154	1004.225	999	100%	1001	100%
35/1	61.972	2317.57	2381	103%	2381	103%
35/3	39.825	1393.57	1406	101%	1406	101%
Total	200.617	6333.761	6410	101%	6410	101%

Source: DDCS&PMSC data on December and September 2022, verified by the M&E Consultants based on spot checks.

## Drainage Sluices and Flushing Sluices

The Contractor has completed all **38 drainage and 29 flushing sluices** since June 2020. See Table 16 for details.

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

Polder	Structure Type	Contract Quantity (no.) (Revised)	31-Jun-20	
			Number	Weighted % complete
32	DS	8	8	100
	FS	1	1	100
33	DS	12	12	100
	FS	6	6	100
35/1	DS	14	14	100
	FS	12	12	100
35/3	DS	4	4	100
	FS	10	10	100
Total	DS	38	38	100
	FS	29	29	100
	Both DS+FS	67	67	100%

Source: DDCS&PMSC data June 2020, verified by the M&E Consultants based on spot checks.

**Drainage Channel Excavation/Re-excavation**

Background and Status Prior Quarter	Current Quarter update
100 % of ratio length of Drainage Channel Excavation completed.	100% completed.

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

Polder	Revised Length (km)	Revised Qty (000 m3)	Dec-22		Sep -22	
			Ratio Length (Kms)	% Done	Ratio Length (Kms)	% Done
32	17	154.82	17	100%	17	100%
33	62.83	567.787	62.83	100%	62.83	100%
35/1	70.47	798.158	70.47	100%	70.47	100%
35/3	0	0	0	N/A	0	N/A
Total	150.299	1520.765	150.299	100%	150.299	100%

Source: DDCS&PMSC data on December and September 2022, verified by the M&E Consultants based on spot checks.

**Bank Protection Works**

**Bank protection works** commenced in March 2017 with the placement of CC blocks in place of hard rock. The original anticipated length of such works was 7.70 km, but the revised contract length is officially 4.45 km. There is some further adjustment, and the total distance required is now assessed to be 4.25 km. However, all the Riverbank protection works were completed as of March 2022. See the table below.

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

Polder	Original Contract Length (kms.)	Revised Contract Length (kms)	Dec-22		Sep-22	
			Completed (equiv't kms)	% of blocks placed	Completed (equiv't kms)	% of blocks placed
Polder 32	2	2	2	100	2	100
Polder 33	1.7	1.3	1.3	100	1.3	100
Polder 35/1	1.5	0.8	0.8	100	0.8	100
Polder 35/3	2.5	0.15	0.15	100	0.15	100
Package 01 Total	7.7	4.25	4.25	100	4.25	100

Source: DDCS&PMSC data on December and September 2022, verified by the M&E Consultants based on spot checks.

**Slope Protection Works**

**Slope protection works** depend on completing the construction of embankments, so work will necessarily gear up towards the later part of the works contract. Completed Slope Protection Work up to this quarter is 19.529 km, the same as last quarter. See Table for details.

*Table 19: Slope Protection Works - Progress Compared to Target*

Polder	Original Contract Length (kms)	Revised Contract Length (km))	Dec-22		Sep-22	
			Completed (kms)	% Done	Completed (kms)	% Done
32	3.275	3.3	3.3	100	3.3	100
33	6.03	4.016	4.016	100	4.016	100
35/1	11.75	11.75	11.513	97.98	11.513	97.98
35/3	0.9	0.7	0.7	100	0.7	100
Total	21.955	19.766	19.529	99.80%	19.529	98.80%

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

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

Purpose of emergency works of Polders to protect crops from intrusion of saline water. However, close breaching of existing embankment at some vulnerable location has been done under Environmental Mitigation Works, and Physical and Price Contingencies.

The progress of emergency works under Environmental Mitigating Works have not changed since 2020 due to full utilization of the budget – out of 40 million, 39.991 million BDT worth of works have been executed. See below for details.

Table 20: Summary of emergency works under the head of "Environmental Mitigation Works"

Polder	<u>30 September 2022</u>		<u>31 December 2022</u>	
	Total Length	Expenditures (BDT)	Total Length	Expenditures (BDT)
32	4.187	21,314,699	4.187	21,314,699
33	1.454	8,616,598	1.454	8,616,598
35/1	0.941	7,981,316	0.941	7,981,316
35/3	1.040	2,078,530	1.040	2,078,530
Total	7.622	39,991,142	7.622	39,991,142

Out of 300 million BDT of emergency works under Physical & Price Contingency, cumulative expenses stand at 283 million BDT up from 187 million in the prior quarter to undertake 2.757 kms of works in Polders 32 and 33. The cumulative expenditures on emergency works from contingency was 129.67 million BDT as of 31 March 2022 and 88.04 million as of 31 December 2021.

Table 21: Summary of emergency works under the head of "Environmental Mitigation Works"

Polder	<u>30 September 2022</u>		<u>31 December 2022</u>	
	Total Length	Expenditures (BDT)	Total Length	Expenditures (BDT)
<b>32</b>	6.553	95,289,257	9.199	172,436,990
<b>33</b>	1.671	9,429,736	1.782	28,167,330
<b>35/1</b>	3.216	79,190,381	3.216	79,190,381
<b>35/3</b>	2.918	3,510,442	2.918	3,510,442
Total	14.358	187,419,816	17.115	283,305,143

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

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

## Nalian Dam Closure

Foundation, Closing and Protection Work of the Closure was completed 100% by 31 December 2020.

## CC Block Production

Background and Status 30 September 2022	Status 31 December 2022
6,243 million CC blocks produced to date.	No production in this quarter.

Table 22: CC Block production of Package 01

Polder Number	Estimated Quantity Required	Dec-22	Sep-22
		Cumulative Total Produced	Cumulative Total Produced
32	19,43,383	19,43,312	19,43,312
33	13,38,036	12,93,736	12,93,736
35/1	29,56,616	27,78,317	27,78,317
35/3	235,968	2,28,122	2,28,122
<b>Total</b>	<b>64,74,003</b>	<b>62,43,487</b>	<b>62,43,487</b>

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

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

#### General

The Variation Order No. 2 for construction of Rest House cum Office Building at Bhandaria was submitted to the PMU on 28 May 2020. A meeting with PMU on 27 September 2021 required the draft VO to be recast and it has been sent to the Contractor for their consent.

#### Embankment works

140.452 kms embankment work is fully done as of 31 December 2022, which was 131.63 kms in the prior quarter. Additionally, the working length has reached 140.492 kms as of December 2022 which was 132.403 kms as June 2022. See Table 23 for details.

Table 23: Package 02 Progress on Embankment Re-sectioning/Retiring in kms

Polder	Target (Revised)	As of 31 December, 2022			As of 30 September, 2022		
		Length of Working Area (kms)	Fully Done (kms)	Fully Done	Length of Working Area (kms)	Fully Done (kms)	Fully Done
				(%)			(%)
39/2C	59.25	38.172	36.742	62.01%	33.232	30.052	50.72%
40/2	34.2	21.925	21.057	61.57%	21.925	20.725	60.60%
41/1	33.81	23.761	22.561	66.73%	23.761	22.561	66.73%
43/2C	25.505	18.654	17.878	70.10%	18.654	17.778	69.70%
47/2	17.5	17.567	17.567	100.38%	17.567	17.567	100.38%
48	38	30.813	24.687	64.97%	27.779	22.947	60.39%
<b>Total</b>	<b>208.026</b>	<b>150.892</b>	<b>140.492</b>	<b>67.54%</b>	<b>142.918</b>	<b>131.63</b>	<b>63.28%</b>

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

The cumulative earthwork of embankments stands at 75.95% complete in this quarter which is compared to prior quarter 73.65% and prior year 40.41%. See table below for details.

Table 24: Package 02 Progress on Embankment Earthwork in 000 m3

Polder	Contract Length (kms)	Contract Qty (000 m3)	As of 31 Dec, 2022		As of 30 Sep, 2022	
			Qty (000 m3)	% Done	Qty (000 m3)	% Done
39/2C	59.25	2045.518	1387.173	67.82%	1267.103	61.95%
40/2	33.81	1293.681	1145.867	88.57%	1141.367	88.23%
41/1	33.57	702.944	658.469	93.67%	639.469	90.97%
43/2C	25.505	854.686	596.192	69.76%	596.303	69.77%
47/2	17.5	213.444	213.444	100.00%	212.816	99.71%
48	38	2115.422	1486.413	70.27%	1464.810	69.24%
<b>Total</b>	<b>208.026</b>	<b>7225.691</b>	<b>5487.558</b>	<b>75.95%</b>	<b>5321.868</b>	<b>73.65%</b>

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

### Drainage Sluices and Flushing Inlets

- Out of 52 drainage sluices to be newly constructed, 38 nos. are fully completed, and 11 nos. are in progress.
- Out of 51 flushing sluices to be newly constructed, 24 nos. are fully completed, and 15 nos. are in progress.

It is noted that it has been decided not to proceed with any structures on which work has not yet commenced given the very short time remaining to complete any works. Given the above, this would mean that 3 drainage sluices and 12 flushing sluices that were to be constructed under Package 02 will be dropped.

### Drainage Channel Excavation/Re-excavation

Out of 154.558 kms of Drainage Channel Excavation Works 107.831 kms have been fully completed. Completion thus stands at 69,76%.

### Bank Protection Works

Out of 5.691 kms of Riverbank Protection Works 5.274kms have been fully completed. Completion thus stands at 93.71%.

### Slope Protection Works

Slope protection works depend on completion of the construction of embankment sections so work in this respect was expected to just get started after a substantial lag. Out of 9.48 kms of Slope Protection Works, 5.497kms have been done up to this quarter. These works stand at 58.0% complete.

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

Purpose of emergency works of Polders to protect crops from intrusion of saline water. However, close breaching of existing embankment at some vulnerable location has also been done in Package 02 under Environmental Mitigation Works, and Physical and Price Contingencies.

For emergency works under Environmental Mitigating Works, out of a total budget of 12 million, 11.895 million BDT worth of works have been executed. See below for details.

Table 25: Summary of emergency works under the head of "Environmental Mitigation Works"

Polder	<u>30 September 2022</u>		<u>31 December 2022</u>	
	Total Length	Expenditures (BDT)	Total Length	Expenditures (BDT)
39/2C	0.177	1,666,992	0.177	1,666,992
40/2	0.350	2,795,174	0.350	2,795,174
41/1	0.0509	560,126	0.0509	560,126
43/2C	0	0	0	0
47/2	0.484	6,842,990	0.484	6,842,990
48	0	0	0	0
Total	1.426	11,895,283	1.426	11,895,283

Out of 50 million BDT of emergency works under Physical & Price Contingency, cumulative expenses stand at 28.4 million BDT as of 31 December 2022 with the prior quarter at 23.6 million.

Table 26: Summary of emergency works under the head of "Environmental Mitigation Works"

Polder	<u>30 September 2022</u>		<u>31 December 2022</u>	
	Total Length	Expenditures (BDT)	Total Length	Expenditures (BDT)
39/2C	0.379	3,489,400	0.379	3,580,818
40/2	0	0	0	0
41/1	0.100	1,143,635	0.100	1,633,155
43/2C	0.365	3,404,923	0.435	7,030,653
47/2	0.708	3,228,320	1.219	3,814,254
48	0.508	12,359,617	0.508	12,359,617
Total	2.060	23,625,896	2.641	28,418,496

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

### CC Block Production

Current CC block production has reached 93.54% of the more than 7.805 million that must be produced. The achievement in this quarter was 1.45% of the total required production compared to 0.74% in the prior quarter. The show has now been scaled up. Please see the table below.

Table 27: CC Block production of Package 2

Polder Number	Revised Estimated Quantity as of June 2021	31-Dec-22		30-Sep-22	
		Cumulative Total	%	Cumulative Total	%
39/2C	53,28,276	50,16,626	94.15%	49,48,341	92.90%
40/2	4,29,969	4,01,914	93.48%	3,88,817	90.40%
41/1	5,90,650	5,72,306	96.89%	5,64,995	95.70%
43/2C	4,35,342	4,28,189	98.36%	4,28,189	98.40%
47/2	4,82,227	4,36,327	90.48%	4,36,327	90.50%
48	5,39,493	5,56,201	103.10%	5,35,019	99.20%
Total	78,05,957	74,11,563	94.95%	73,01,688	93.50%

Source: DDCS&PMSC data on December, September 2022, verified by the M&E Consultants based on spot checks.

### 3.1.3 Output of A2: (a) Social Mobilization with Social Action Plan (including setting up WMOs), (b) Social Afforestation and (c) Integrated Pest Management (IPM) Plan Water Management Group (WMG)& Water Management Association Formation and Registration.

Out of 10 polders, Water Management Association (WMA) of 7 polders have been registered. In addition, 1 WMG has not been formed due to the lagging work progress.

Table 28: Number of WMG and WMA Formed and Registered

Polder No.	WMG			WMA		
	Target No. of WMG	Formation of WMG	Registration	Target no. of WMA	Formation of WMA	Registration
32	15	15	15	1	1	1
33	18	16	16	1	1	1
35/1	28	28	28	1	1	1
35/3	12	12	12	1	1	1
39/2C	17	17	17	1	1	1
40/2	14	14	14	1	1	1
41/1	14	14	14	1	1	1
43/2C	8	8	8	1	1	1
47/2	9	9	9	1	1	1
48	8	8	8	1	1	1
<b>Total</b>	<b>143</b>	<b>141</b>	<b>141</b>	<b>10</b>	<b>10</b>	<b>10</b>

Source: NGO's reports

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

### 3.2.1 Outputs of B1: Implementation of Social Action Plans

Social Action Plans have been developed by the NGOs.

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

#### RAP and LAP for Package 01

The RAP Team of DDCS&PMS Consultants commenced fieldwork in March 2015. The number of Project-Affected Households and Entitled Persons are presented in Tables 29 and 30 below.

Table 29: Number of Titled and Non-Titled Entities in Package 01 Polders

Category	Number of Titled and Non-Titled Entities by polder as of Dec 2022,					As of Sep-22
	Polder 32	Polder 33	Polder 35/1	Polder 35/3	Total	Total
Titled	3003	2208	1622	575	7408	7408
Non-titled	1375	1339	1460	291	4465	4465
Total	4378	3547	3082	866	11873	11873

Source: DDCS&PMSC with update from December and September 2022 MPR.

Table 30: Number of Non-Titled Entities (including tenants and wage laborers) in Package 01 Polders

Category	Number of Non-Titled EPs by Polder as of Dec 2022					As of Sep-22
	Polder 32	Polder 33	Polder 35/1	Polder 35/3	Total	Total
Squatters	1269	1269	1334	270	4142	4142
Tenants	83	49	38	9	179	179
Wage Laborers	23	21	88	12	144	144
Total	1375	1339	1460	291	4465	4465

Source: DDCS&PMSC with update from December and September 2022 MPR.

Implementation of the RAP for Package 01 has progressed, as shown in the two tables below. All the non-titled EP payment has been made under all the Polders of Package 01. See details in the table below.

Table 31: Status of Non-Titled EPs Compensation (Squatters, Tenants & Wage Labor) Paid in Package 01

Polder No.	Target Nos	As of Dec 2022			As of Sep, 2022		
		Paid Nos	Percentage (%)	Payment in million	Paid Nos	Percentage (%)	Payment in million
32	1375	1375	100%	163.228	1375	100%	163.228
33	1339	1339	100%	180.495	1339	100%	180.495
35/1	1460	1460	100%	231.953	1460	100%	231.953
35/3	291	291	100%	41.742	291	100%	41.742
Total	4465	4465	100%	617.828	4465	100%	617.828

Source: DDCS&PMSC with update from December and September 2022 MPR.



Package 01 has facilitated the relocation of five group of squatters and four markets have been relocated as shown in the table below. The promised civic amenities have not yet been provided.

The number of non-titled EPs relocated during the quarter has risen by 127 to reach 4465. A total of 95 non-titled EPs have yet to relocate, representing 2.13% of the total.

Table 32: Status of Relocation of Compensated EPs

SN	Status of relocation	Number of squatters relocated by Polders as of						As of Sep 2022	
		Dec-22						Total	% across categories
		P-32	P-33	P-35/1	P-35/3	Total	% across categories	Total	% across categories
1	Relocated on own land	682	739	671	138	2230	49.94	2175	50.12
2	Relocated on purchased land	97	46	276	47	466	10.44	459	10.58
3	Relocated on other's land	246	178	224	65	713	15.97	698	16.09
4	Relocated Temporarily at nearby area/Govt. land	208	190	105	3	506	11.33	506	11.66
5	Not yet relocated	1	86	8	0	95	2.13	58	1.34
6	Market Relocation	6	0	21	17	44	0.99	44	1.01
7	Group relocation	29	30	29	0	88	1.97	88	2.03
8	Wage Labor	23	21	88	12	144	3.22	137	3.16
9	Tenant	83	49	38	9	179	4.00	174	4.01
10	Total Relocation	1375	1339	1460	291	<b>4465</b>	<b>100.00</b>	<b>4338</b>	<b>100.00</b>

Source: DDCS&PMSC with update from December and September 2022 MPR.

Payments to **titled EPs** have risen by only 4 during the quarter to 5,331 EPs as of 31 December 2022. The total cumulative amount paid by the end of this quarter has reached 79.64 % compared to 77.8% as of 30 September 2022. The preceding quarter has remained the same. Please see the table below for details.

Table 33: Payments to Titled EPs - Package 01

Polder	Total Awardees	Amount to be Paid by DCs in BDT (Lakh)	Dec-22			Sep-22		
			No. of Paid awardees	Total Amount Paid in BDT (Lakh)	Progress BDT %	No. of Paid awardees	Total Amount Paid in BDT (Lakh)	Progress BDT %
32	3003	1,644.35	1988	1249.68	76.00	1988	1249.68	76.00
33	2208	1,673.70	1259	1145.80	68.46	1259	1145.80	68.46
35/1	1622	6821.98	1580	5685.29	83.33	1576	5468.10	80.15
35/3	575	1582.73	504	1255.00	79.29	504	1255.00	79.29
Total	7408	11,722.76	<b>5331</b>	<b>9335.77</b>	<b>79.64</b>	<b>5327</b>	<b>9118.58</b>	<b>77.79</b>

Source: DDCS&PMSC with update from December and September 2022 MPR.

**The payment of compensation to titled EPs** has seen only minor improvement and it is still far from satisfactory given the stage of project implementation. Efforts are being made by BWDB, but a case-wise plan needs to be developed and aggressively pursued. Payment to non-titled EPs is considerably simpler and all of these have been compensated.

On land acquisition, 100% of the land required is already in possession of the Project, received from the DC office. This is an increase from 99.56% in the prior quarter. Please see

the table below for details of the progress of possession and payment to the landowners. Payment for land stands at 79.6% up from 77.8% on 30 September 2022.

Table 34: Status of Land Acquisition - Package 01

District	Polder No.	Program for L.A. (ha)	Possession received (ha)	Fund (Lac in BDT)	Payment (Lac in BDT)	% of Possession		% of Payment	
						Dec-22	Sep-22	Dec-22	Sep-22
Khulna	32	50.60	50.60	1644.35	1249.68	100%	100%	76.0	76.0
	33	14.28	14.28	1673.70	1145.80	100%	100%	68.5	68.5
Bagerhat	35/1	41.47	41.47	6821.98	5685.29	100%	100%	80.2	83.0
	35/3	25.01	25.01	1582.73	1255.00	100%	100%	79.3	79.3
Package 01 Total		131.36	131.36	11722.76	9335.77	100	100	79.6	77.8

Source: DDCS&PMSC with update from December and September 2022 MPR.

### Grievances

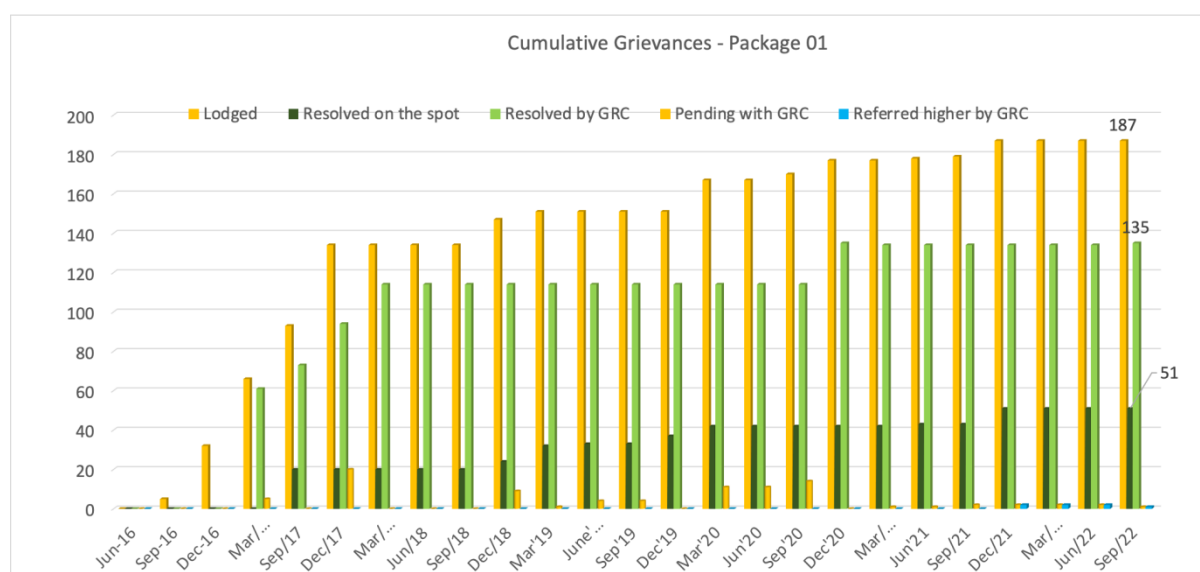


Figure 6: Cumulative Grievances - Package 01

A total of 187 grievances have been raised in the Package 01 area; 51 of these have been resolved on the spot and 135 were submitted to the Grievance Redress Committee (GRC) where they have also been resolved. One is a newly lodged grievance.

### Labor Influx

As of 31 December 2022 as reported by the DDCS&PMS Consultants, there are 69 laborers in Package 01 and the labor profile is as follows:

- Gender: 67 males, 2 females
- Skill Level: 53 skilled, 12 semi-skilled and 4 unskilled
- Origin: 41 from same or adjoining district, 6 from other districts, 22 from abroad
- Age: 57 are 18-25 years old, 07 are 25-50 years old, and 05 are above 50 years old.

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

**RAP and LAP for Package 02**

The number of Project-Affected Households and Entitled Persons are presented in Tables 35 and 36 below. There are 10,414 titled and non-titled entities have been enlisted as of 31December 2022, unchanged from 30 September 2022.

Table 35: Number of Titled and Non-Titled Entities (excl. tenants and wage laborers) - Package 02

	Number of Titled and Non-Titled Entities by polder							As of
	30-Dec-22							30-Sep-22
Category	39/2C	40/2	41/1	43/2C	47/2	48	Total	Total
Titled	4080	546	798	8	113	30	5595	5595
Non-titled	19	670	1596	682	169	1683	4819	4806
Total	4086	1216	2394	690	302	1726	10414	10401

Source: DDCS&PMSC with update from December and September 2022 MPR.

Table 36: Breakdown of Non-Titled EPs by Polder and Category in Package 02

Category	Number of Non-Titled EPs by polder as of 31Dec 2022							As of
	39/2C	40/2	41/1	43/2C	47/2	48	Total	30-Sep-22
Squatters	19	1415	629	579	160	1270	4066	4050
Tenants	0	147	43	96	8	201	495	495
Wage Laborers	0	34	4	7	1	212	258	258
Total	19	1596	670	682	169	1683	4819	4806

Source: DDCS&PMSC with update from December and September 2022 MPR.

**Implementation of the RAP** for Package 02 has progressed as shown in the table below. A total of 76.07% of non-titled EPs (squatters) have been compensated and 89.23% of these EPs have relocated. This means 65.05% of total non-titled EPs (whether compensated or not) have relocated. Moreover, no payment for tenants and wage laborers have been done yet up to June 2022.

Table 37: Status of Non-Titled EPs Compensation Paid in Package 02

Polder No.	Target	As of			As of		
	Nos	Dec-22			Sep,2022		
		Paid	%	Payment	Paid	%	Payment
	Nos			in million	Nos		in million
39/2C	19	0	0.00%	0	0	0.00%	0
40/2	1596	1210	75.81%	140.509	1186	74.31%	136.66
41/1	670	622	92.84%	74.94	622	92.84%	74.942
43/2C	682	467	68.48%	54.456	467	68.48%	54.46
47/2	169	160	94.67%	15.587	160	94.67%	15.58
48	1683	1207	71.72%	129.486	1207	71.72%	129.44
Total	<b>4819</b>	3666	76.07%	414.978	3642	75.58%	411.092

Source: DDCS&PMSC with update from December and September 2022 MPR.

As to group relocation, four groups comprised of a total of 488 squatters are being relocated - one each in Polder 41/1, 40/2 and two groups in Polder 48 are planned to be relocated, but this has not yet been implemented. Also, none of the markets have yet been relocated. There was no additional relocation in the Package 02 polders in the three prior quarters.

Table 38: Status of Relocation of Compensated EPs

SN	Status of Relocation	As of Dec-22								As of Sep-22	
		39/2C	40/2	41/1	43/2C	47/2	48	Total	%	Total	%
1	Relocated on own land	0	531	290	270	98	420	1609	43.89%	1515	47.08%
2	Relocated on purchased land	0	45	78	29	5	130	287	7.83%	288	8.95%
3	Relocated on other's land	0	168	69	98	3	126	464	12.66%	460	14.29%
4	Relocated Temporarily at nearby area/Govt. land	0	243	160	58	49	472	982	26.79%	766	23.80%
5	Not yet relocated	0	186	25	12	5	59	287	7.83%	370	11.50%
6	Market Relocation	0	0	0	0	0	0	0	0.00%	0	0.00%
7	Group relocation	0	37	0	0	0	0	37	1.01%	37	1.15%
Total		0	1210	622	467	160	1207	3666	100%	3218	100%

Source: DDCS&PMSC with update from December and September 2022 MPR.

Payments have been made to 3,251 titled EPs as of 31 December 2022, which compares to 2,825 EPs in the prior quarter. Compensation to titled EPs has advanced modestly in BDT terms reaching 41.40% by 31 December 2022 compared to 33.78% for the previous quarter.

Table 39: Payments to Titled EPs - Package 02

Polder No.	Total Awardees	Amount to be Paid by DCs in BDT (Lakh)	Dec-22			Sep-22		
			Nos of Paid Awardees	Total amount paid in BDT (Lakh)	Progress BDT (%)	Nos of Paid Awardees	Total amount paid in BDT (Lakh)	Progress BDT (%)
39/2C	4080	13037.76	1987	5997.56	46.00%	1591	4595	35.24%
40/2	546	879.92	704	758.55	86.21%	469	758.2	48.28%
41/1	798	469.97	472	429.37	91.36%	691	424.8	90.39%
43/2C	8	3243.82	6	6.35	0.20%	6	6.35	0.20%
47/2	133	436.12	77	399.7	91.65%	63	391.1	89.68%
48	30	515.16	5	102.32	19.86%	5	102.3	19.86%
Total	5595	18582.75	3251	7693.85	41.40%	2825	6277.75	33.78%

Source: DDCS&PMSC with update from December and September 2022 MPR.

The Project has taken possession of 76.82% of the land that is to be acquired for Package 02 as of 31 December 2022. Another 40.85 ha of land has been approved by MoL and is pending with the DCs. This is the first quarter of substantial progress of land possession in several quarters.

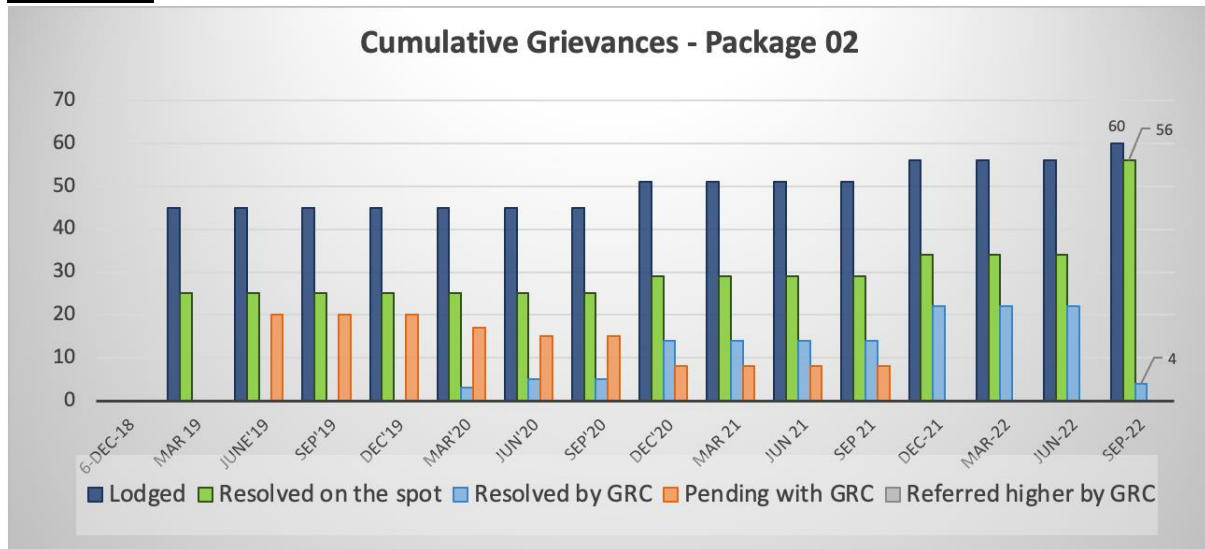
Table 40: Status of Land Acquisition - Package 02

District	Polder No.	Program for L.A. (ha)	Possession received (ha)	Pending (ha)		Fund (Lac in BDT)	Payment (Lac in BDT)	% of Possession Received		% of Payment	
				DC	MoL			Dec-22	Sep-22	Dec-22	Sep-22
Pirojpur & Jhalokathi	39/2C	124.92	111.25	13.67	-	13087.76	5997.56	89.06%	89.06%	45.8%	45.8%
Barguna	40/2	12.17	11.68	0.49	-	879.92	758.55	95.97%	95.97%	86.2%	86.2%
	41/1	8.41	8.29	0.25	-	469.97	429.37	98.57%	98.57%	91.4%	91.4%
Patuakhali	43/2C	26.5	0.06	26.44	-	3243.82	6.35	0.23%	0.23%	0.2%	0.2%
	47/2	2.57	2.57	0	-	436.12	399.7	100.00%	100.00%	91.6%	91.6%
	48	1.07	1.07	0	-	515.16	102.32	100.00%	100.00%	19.9%	19.9%
Total		175.64	134.92	40.85	-	18632.75	7693.85	76.82%	76.82%	41.3%	41.3%

Source: DDCS&PMSC with update from December and September 2022 MPR.

All **Focus Groups** have been formed and discussions conducted. The Bengali language information brochure has been distributed in the early stages of the project.

**Grievances**



A total of 60 grievances have been raised in the Package 02 polders; 56 of these have been resolved on the spot and 4 resolved by the Grievance Redress Committee (GRC). There are no pending grievances as of 31December 2022.

**Labor Influx**

As of 31December 2022, there are 518laborers in Package 02 and the labor profile is as follows:

- Gender 515male,3 females.
- Skill Level 273skilled, 237semi-skilled and 8unskilled.
- Origin 424 from same or adjoining district, 94from other districts, none from abroad.
- Age 518are 18-25 years old, noneare 25-50 years old, and noneare above 50 years old.

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

**RAP and LAP for Package 03**

Background and Status Prior Quarters	Current Quarter
<p>The original RAP was prepared based on original LAP. Meanwhile, the crest width of the embankment has been increased by BWDB from 4.50 to 6.00 m based on which the LAP is being updated. Hence, the original RAP has also to be updated based on updated LAP. Following the updated LAP, the LAP/RAP team has to revise the Households (HHs) numbering and Inventory of Losses (IoL) survey in 07 Polders under Package-3 of CEIP-1. As per decision of the PMU, Preparation of updated RAP with 7 Polders has been prepared which have already been submitted to the World Bank. The World Bank has suggested that this RAP may please be preserved for any future reference and use.</p> <p>The LAP/RAP team has completed the Households (HHs) numbering</p>	<p>RAP is being finalized.</p>

and IoL survey in all 7 polders under Package-3 of CEIP-1.  
Total of 20 Community/Stakeholder Consultation meetings were held at 15 different venues of the Polders.

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

The major activities relating to implementation of EMF and EMPs that have been carried out during the reporting period are training for the contracts' expatriate and local staff, implementation of Contactors' COVID19 Management Plan and EAPs of Package-01, and C-ESMP of Package-02 by the contractors and carrying out field visits to ensure proper implementation of EMF, EMPs, EAPs, C-ESMPs, etc.

The overall status of the implementation of EMF and EMPs is shown in Table 39.

Table 41: Overall Environmental Safeguards activities

Sl	Activity	Early Status	As of 31Dec, 2022	As of 30September2022
1	Finalize EIAs for the remaining 7 polders for Package W-03	WB suggested to prepare/ finalize all other EIAs following the comments/ feedback shared by WB and IPOE on EIA of 14/1.	Done already	Done already
2	Contractor EAPs for 4 polders of W01	The EAPs have been implemented. However, based on the findings of the 4 <sup>th</sup> Annual Environmental Audit, the section of the Environmental Monitoring should be updated to make the monitoring frequencies consistence with EMPs of CEIP-1 and the findings of 6 <sup>th</sup> /5 <sup>th</sup> / 4 <sup>th</sup> Annual Audits.	Done	donealready
3	C-ESMPs for Package W-02 polders	As above	Done	Done already
4	Prepare Bi-Annual Environmental Monitoring Report		14 <sup>th</sup> Bi-Annual Environmental Monitoring Report covering Jul-Dec 2022is being prepared	13 <sup>th</sup> Bi-Annual Environmental Monitoring Report covering Jan-Jun 2022has been submitted to World Bank.
5	Conduct of field visits for improvement of EMP compliance	Considering the current COVID19 pandemic situation, the field visits have been limited but these have in fact continued.	Regular field visits were carrying out to monitor the EMP compliance during the reporting period.	Regular field visits were carrying out to monitor the EMP compliance during the reporting period.

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SI	Activity	Early Status	As of 31Dec, 2022	As of 30September2022
6	DDCS&PMS Consultant to deliver environmental training for Pkg 02 staff, with cascade training to follow by Contractor	Training was conducted by DDSC &PMSC and PMU as on-the-job training during the field visits, but additional formal training will be needed. Need to carry out.	Need to carry out.	Need to carry out.
7	PMU, M&E and DDCS&PMS Consultant to assess effectiveness of cascade training strategy for Package 01	Need to be defined	Same	Same
8	Annual Environmental Audits and actions on the findings	As suggested by WB and 3 <sup>rd</sup> party M&E Consultants, an Action Plan on the findings of the Audit needed to be prepared and implemented by PMU, DDCS&PMS Consultants and the contractors. Delay in mobilization of the PMU Environmental Specialists keeping the environmental safeguard activities behind schedule.	The Findings of sixth Annual Environmental Audit are being implemented; The seventh Annual Environmental Audit Report covering Jan-Dec 2022has been submitted and approved..	The Findings of sixth and fifth Annual Environmental Audits are being implemented; The sixth Annual Environmental Audit Report covering Jan-Dec 2021 was submitted to PMU on 07 Feb 2022 then after reviewing PMU submitted to WB and WB has given clearance.
9	COVID 19 situation to be complied	The contractor of W01 has been complying COVID-19 issues for the safety of its workers and that will need to be improved continuously according to the WB/WHO/GoB requirements. During the reporting period, the Contractor of W02 also prepared Draft Guidelines Tool to avoid/check infection from COVID-19 and other infectious diseases with reference to "COVID-19 OHS Protocols" provided by the World Bank	This is being implemented	This is being implemented

The Contractor of Package 01 conducted training on COVID-19 and EHS issues for its expatriate and local staff, and 217 participant were trained during the October-December quarter compared to 486 participants trained during the prior quarter. Please see details in Table 42. Participants were counted multiple times if they participated in more than one training.

Table 42: Environmental Training of Contractor expatriate and local workers - Package W-01

Polder	Oct-22	Nov-22	Dec-22	3-month Total	Prior Quarter (Jul-Aug-Sep)
32	36	35	35	106	242
33	0	0	0	0	0
35/1	41	40	30	111	244
35/3	0	0	0	0	0
<b>Total</b>	<b>77</b>	<b>75</b>	<b>65</b>	<b>217</b>	<b>486</b>

Source: Training report of Contractor W-01

The Contractor of Package 02 conducted training on COVID-19 and EHS issues for its expatriate and local staff, and 1,459 participants were trained during the quarter. Please see details in Table 41. Participants were counted multiple times if they participated in more than one training.

Table 43: Environmental Training of Contractor expatriate and local workers - Package W-02

Polder	Oct-22	Nov-22	Dec-22	3-month Total	Prior Quarter (Jul-Aug-Sep)
39/2C	165	204	200	569	160
40/2	98	52	45	195	89
41/1	53	60	55	168	33
43/2C	69	28	25	122	94
47/2	0	0	0	0	0
48	100	157	148	405	114
<b>Total</b>	<b>485</b>	<b>501</b>	<b>463</b>	<b>1,459</b>	<b>490</b>

Source: Training report of Contractor W-01

### Status of Afforestation

A total of 1522.5 thousand seedlings have been planted on the embankment and at mangrove sites to date.

Table 44: Status of Afforestation

Work package no.	Polder no.	Planted Year: 2018-2019		Planted Year: 2019-2020		Planted Year: 2020-2021		Planted Year: 2021-2022		Total during 2018-2022	
		No. of seedlings planted (In thousand)	Total area in (Ha)	No. of seedlings planted (In thousand)	Total area in (Ha)	No. of seedlings planted (In thousand)	Total area in (Ha)	No. of seedlings planted (In Thousand)	Total area in (Ha)	No. of seedlings planted (In thousand)	Total area in (Ha)
WP-01	32	112.5	45	28	11.2	45	18	30	12	215.5	86.2
	33	90	36	60	24	20	8	10	4	180	72
	35/1	112.5	45	16	6.4	70	28	40	16	238.5	95.4
	35/3	90	36	36	14.4	40	16	7	2.8	173	69.2
<b>Sub-Total</b>		<b>405</b>	<b>162</b>	<b>140</b>	<b>56</b>	<b>175</b>	<b>70</b>	<b>87</b>	<b>34.8</b>	<b>807</b>	<b>322.8</b>
WP-02	39/2C	0	0	0	0	15	6	80	32	95	38
	40/2	10	4	40	16	0	0	80	32	130	52
	41/1	12.5	5	28.5	11.4	10	4	80	32	131	52.4
	43/2	0	0	28	11.2	0	0	50	20	78	31.2



	C										
	47/2	92.5	37	65	26	0	0	9	3.6	166.5	66.6
	48	0	0	9	3.6	11	4.4	95	38	115	46
	<i>Sub-Total</i>	<i>115</i>	<i>46</i>	<i>170.5</i>	<i>68.2</i>	<i>36</i>	<i>14.4</i>	<i>394</i>	<i>157.6</i>	<i>715.5</i>	<i>286.2</i>
	<b>Grand-Total</b>	<b>520</b>	<b>208</b>	<b>310.5</b>	<b>124.2</b>	<b>211</b>	<b>84.4</b>	<b>481</b>	<b>192.4</b>	<b>1522.5</b>	<b>609</b>

### Status of Fingerlings Released

A total of 100,000 fingerlings have been released in Package 01 and 30,000 in Package 02.

Table 45: Status for fish fingerlings release program in CEIP-1

Sl	Polder n	Targeted (draft)	Released	Comments
<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>
1	32	5000 nos.	5000 nos.	Additional 80,000 nos. fish fingerlings released from the available funds under Environmental mitigation works items of Package CEIP-1/W-01
2	33	5000 nos.	5000 nos.	
3	35/1	5000 nos.	5000 nos.	
4	35/3	5000 nos.	5000 nos.	
Package 01 Total			20000 nos	
5	39/2C	5000 nos.	5000 nos.	
6	40/2	5000 nos.	5000 nos.	
7	41/1	5000 nos.	5000 nos.	
8	43/2C	5000 nos.	5000 nos.	
9	47/2	5000 nos.	5000 nos.	
10	48	5000 nos.	5000 nos.	
Package-2 Total		30,000 nos.	30,000 nos.	
CEIP-1 Total		50,000 nos.	50,000 nos.	Plus 80,000

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

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

#### Design Status of Package 01

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

#### Preparation of Bidding Documents for Package 01

Bid Documents were completed in 2015 and Pkg 01 Contractor has commenced services on 26 January 2016.

#### Construction Supervision for Package 01

The completed and ongoing construction works are shown in section 3.1.1. The DDCS&PMSC is undertaking the required site supervision activities. The Contractor submitted a revised quality assurance manual in early 2016. Overall a construction site

supervision system is operational. The M&E Consultants have provided some observations early in the Project.

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

#### **Design Status of Package 02**

All detailed designs have been completed for Package 02 works in earlier quarters, based on modeling that determined the design parameters as well as geotechnical surveys and investigations. Revisions are being made as needed based on field conditions.

#### **Preparation of Bidding Documents for Package 02**

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

#### **Construction Supervision for Package 02**

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

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

#### **Design Status of Package 03**

Modeling for detailed design is now complete with frequency analysis of wave height for cyclonic waves, wind data analysis, computation of embankment crest level, etc. Survey work is fully completed. Only the design of one drainage sluice (in Polder-23) is waiting for approval from the Board; all other designs have been approved years earlier.

#### **Preparation of Bidding Documents for Package 03**

Most sections of the bidding documents have been completed and BOQ is not ready due to need to complete designs and drawings of some components. The bidding documents are expected to be completed in February 2022 based on the updated approved designs of BWDB.

This Package will be incorporated into CEIP-2 with the exception of two polders that are being taken up via a different mechanism.

#### **Construction Supervision for Package 03**

Package 03 implementation has been dropped from CEIP Phase 1. The polders of Package 03 will be included in CEIP Phase 2.

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

Key accomplishments October - December 2022 include:

- Prepared the 28<sup>th</sup> Quarterly Progress Report.
- Prepared Mid-term Impact Assessment and Review Report.
- Prepared the 7<sup>th</sup> Annual Environmental Audit as World Bank reviewed.
- Prepare the cropping intensity brief based on a round of Focus Group Discussions in all 10 polders.
- Reviewed and commented on progress reports of DDCS&PMS Consultants.
- Made field visits for monitoring of implementation, physical progress, and safeguards compliance and consultation with PAPs.
- Prepared special reports.
- Advanced the development of the web based PMIS [www.ceip-bwdb.gov.bd](http://www.ceip-bwdb.gov.bd)

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

In this consultancy, all the tasks have been done and submitted to PMU.

## 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

#### Project Institutional and Implementation Arrangements

Table 46: Status of PMU Institutional Setup and Financial Management Arrangements

Sl.	Action Item	Status - 30 September 2022	Status - 31 Dec 2022
1	Special Accounts – Two separate designated accounts to be opened, one for the IDA Credit and one for the PPCR Grant	Complied on 16 Feb 2014	Complied on 16 Feb 2014
2	All payments to be made directly by PD from PMU; no payments to be handled through the division/ regional offices.	Complied	Complied
3	100% beneficiary bank accounts will be opened for resettlement payments and no cash payments or cash checks will be issued. Resettlement payments will be shown as an individual category of expenditure in the financial statement.	Bank accounts have been opened by 100% for both packages.	Same
4	Interim Unaudited Financial Report (IUFR), in a format acceptable to the Bank, to be submitted on a quarterly basis to the World Bank for review within 45 days from the end of each quarter	January – March 2022 report submitted by 15 May 2022. IUFRs are consistently submitted on time..	October – December 2022 report will be submitted by 15 February 2023. IUFRs are consistently submitted on time.

Sl.	Action Item	Status - 30 September 2022	Status - 31 Dec 2022
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.	Annual audit on FY:2020-2021 has been done in October 2021.	Annual audit on FY:2021-2022 has been done in October 2022.
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.	Audit for FY 16/17, 17/18, 18/19, 19/20, 20/21 completed and consultant submitted final report.	Same
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.	Audit for FY 16/17, 17/18, 18/19 completed and consultant submitted final report.	Same
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.	It was not required as BWDB has separate audit directorate it has also conducted internal audit for FY: 2013-2014, 2014-2015 & 2015-2016 and also has per concurrence for internal audit for FY: 2016-2017, 2017-2018, 2018-2019, 2019-2020 & 2020 - 2021 conducted through outsourcing	Same
9	The Project will follow the Public Works Department (PWD) Accounts Code/Manual with updating (BWDB system). Should it become necessary, PMU will prepare a separate FM Manual for the project, which will be aligned with BWDB's financial management, compatible with the agreed funds flow arrangements and reviewed by the Bank.	No action needed. PWD Accounts Code / Manual with updating BWDB system in conformity with the PPA-06 & PPR-08 are being followed.	Same

### Governance Accountability and Action Plan

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

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

The ToR for the preparation of CEIP-2 was drafted by the DDCS&PMS Consultants, reviewed by BWDB and the World Bank and finalized. Shortlisted firms were issued the RFP on 28 June and invited to submit their proposals by 29 July 2020. The contract was signed in July 2021 and the consultants commenced work that quarter with the Inception Report submitted on 10 September 2022. CEIP-2 will proceed with World Bank financing.

The Consultants appointed for the preparation of CEIP-2 are a Joint Venture of Royal HaskoningDHV (The Netherlands), North West Hydraulic Consultants (Canada) and Inros Lackner (Germany) with Royal HaskoningDHV as lead Consultant. National firms on the team are Development Design Consultants (geo-technical investigations and detailed designs); Strategic Planning and Management Consultants (surveys, hydrometric measurements and detailed designs); CEGIS (mathematical modelling, GIS and morphology); and Knowledge Management Consultants (Environment, LAP and RAP).

The Consultant has conducted broad consultations, collected data, and developed the approach to prioritizing the set of polders to be included in CEIP-2.

- An Inception Workshop was conducted in February 2022.
- Feasibility Studies and Preparation of Detailed Design for the Following Phase of the Coastal Embankment Improvement Project (CEIP).
- Feasibility Studies and Preparation of Detailed Design for the Following Phase of the Coastal Embankment Improvement Project (CEIP) Prioritization Report.
- Small Ethnic Community Development Planning Framework (SECDPF) Draft
- Stakeholder Engagement Plan (SEP) Draft
- Resettlement Policy Framework (RPF) Draft
- Labor Management Procedure (LMP) Draft
- Feasibility Studies and Preparation of Detailed Design for the Following Phase of the Coastal Embankment Improvement Project (CEIP)
- Environmental And Social Management Framework (ESMF) Draft

### **3.5. Outputs of Component E: Contingent Emergency Response**

Component E has not been triggered.

## 4. KEY PERFORMANCE INDICATORS

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

Table 47: Key Performance Indicators (KPI)

S. No.	PDO Indicators per PAD/DPP	Indicator Type	Total Project Target	Cumulative Value as of 30 September 2022	Cumulative Value as of 31 December 2022
1	Gross area protected	outcome	66,012 ha	All Pkg – 54,323 (80.6%) Pkg 01 – 36,220 (98.8%) Pkg 02 – 18,104 (63.2%)	All Pkg – 55,868 (82.92%) Pkg 01 – 36,249 (99.16%) Pkg 02 – 19,618 (67.46%)
2	Direct beneficiaries from increased resilience to climate change (number) and % women (PPCR core indic. A1.3)	outcome - core	724,202 (50% women)	All Pkg – 562,461 Pkg 01- 327,035 Pkg 02 – 235,427	All Pkg – 581,730 Pkg 01- 327,339 Pkg 02 – 254,391
3	Cropping intensity	outcome	180	All – 186% Pkg 01 – 167% Pkg 02 – 205%	All – 186% Pkg 01 – 167% Pkg 02 – 205%
4	Contingent Emergency Appropriation	Input	No target		
5	Length of Upgraded Embankment	Output	409.33 kms <i>Pkg 01: 200.617</i> <i>Pkg 02: 208.71</i>	All Pkg – 330.138 kms done Pkg 01: 198.508kms done Pkg 02: 131.630 kms done	All Pkg – 339.424 kms done Pkg 01: 198.932kms done Pkg 02: 140.493 kms done
6	Drainage structures replaced	output	88 nos. <i>Pkg 01: 38 nos</i> <i>Pkg 02: 50 nos</i>	All Pkg – 73 fully done; and 13 are in progress Pkg 01: 38 fully done Pkg 02: 35 fully completed and 13 are in progress	All Pkg – 76 fully done; and 11 are in progress Pkg 01: 38 fully done Pkg 02: 38 fully completed and 11 are in progress
7	Drainage sluices repaired	output	8 nos. <i>Pkg 01: 2 no</i> <i>Pkg 02: 6 no</i>	All Pkg – 2 done Pkg 01: 2 done Pkg 02: 0 done (and 3 in progress)	All Pkg – 2 done Pkg 01: 2 done Pkg 02: 0 done (and 3 in progress)
8	Flushing inlets constructed and upgraded	output	80 nos <i>Pkg 01: 29 no</i> <i>Pkg 02: 51 no</i>	All Pkg – 49 fully done; 16 are in progress Pkg 01: 29 fully done Pkg 02: 20 are fully completed and 16 are in progress	All Pkg – 53 fully done; 16 are in progress Pkg 01: 29 fully done Pkg 02: 24 are fully completed and 15 are in progress
8a	Flushing inlets repaired	output	46 nos	All Pkg – 15 substantially done	All Pkg – 15 substantially done

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S. No.	PDO Indicators per PAD/DPP	Indicator Type	Total Project Target	Cumulative Value as of 30 September 2022	Cumulative Value as of 31 December 2022
			<i>Pkg 01: 14 no</i> <i>Pkg 02: 32 no</i>	Pkg 01: 14 done. Pkg 02: 1 done; 28 in progress	Pkg 01: 14 done. Pkg 02: 1 done; 29 in progress
9	Length of drainage channels upgraded	output	305 km <i>Pkg 01: 150</i>  <i>Pkg 02: 155</i>	258.13 kms done Pkg 01: 150.299 kms done (100% of Pkg 1) Pkg 02: 107.831 kms done. (69.77% of Pkg 2)	258.13 kms done Pkg 01: 150.299 kms done (100% of Pkg 1) Pkg 02: 107.831 kms done. (69.77% of Pkg 2)
9A	NEW PROPOSED INDICATOR – Riverbank Protection works	output	9.370 kms (excl Pkg 03)  <i>Pkg 01: 4.250 kms</i> <i>Pkg 02: 5.120 kms</i>	All Pkg – 9.524 kms  Pkg 01: 4.25 kms Pkg 02: 5.274 kms	All Pkg – 9.524 kms  Pkg 01: 4.25 kms Pkg 02: 5.274 kms
9B	NEW PROPOSED INDICATOR – Slope Protection works	output	29.444 kms (excl Pkg 03)  <i>Pkg 01: 19.966 kms</i> <i>Pkg 02: 9.480 kms</i>	All Pkg – 24.027 kms  Pkg 01: 19.606 kms Pkg 02: 4.421 kms	All Pkg – 24.486 kms  Pkg 01: 19.606 kms Pkg 02: 5.459 kms
10	Area Afforested (PPCR core indic. B3)	output - core	300 ha	All Pkg – 473.8 ha  Pkg 01: 298.8 ha Pkg 02: 175.04 ha	All Pkg – 609 ha  Pkg 01: 322.8 ha Pkg 02: 286.2 ha
11	Water Management Organizations functioning (meeting regularly, operations, no. of disputes)	outcome	10 nos	WMA: 10 formed. 10 registered	WMA: 10 formed. 10 registered
12	Water Management Organization (WMO) formed	output	4 nos	WMG: 139 formed. Remaining in: Polder 33 = 2 Polder 43/2C = 2 WMA: 8 formed. 6 registered	WMG: 139 formed. Remaining in: Polder 33 = 2  WMA: 10 formed. 10 registered
13	Improved coastal monitoring - studies undertaken (as related to PPCR core indicator on the use of climate information in decision-making)	output	2 nos	1. Same status. 2. Same status.	1. Same status. 2. Same status.
14	BWDB days of training provided (total person-days) (women person-days)	output - core	1200 p-day	679 p-day	719 p-day
15	Grievance Redress Committees (GRC) established	output	10 no of polders	10 polders (Pkg-01: 15 GRC, functioning; Pkg-02: 21 GRC formed)	10 polders (Pkg-01: 15 GRC, functioning; Pkg-02: 21 GRC formed)
16	Detailed design of future 7 polders (including EIA, RAP/LAP)	output		All Design completed by consultant.	All Design completed by consultant. ▪ Embankment:

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S. No.	PDO Indicators per PAD/DPP	Indicator Type	Total Project Target	Cumulative Value as of 30 September 2022	Cumulative Value as of 31 December 2022
				<ul style="list-style-type: none"> <li>▪ Embankment: Approved (all, 209.98 kms)</li> <li>▪ Drainage Channel(all 167.37 kms)</li> <li>▪ DS: Design done (53), approval (53)</li> <li>▪ FS: Design done (19), approval (19)</li> <li>▪ RBP: Design done (1.8 km), approval (1.8)</li> <li>▪ SPW: Design done (4.78), approval (4.78)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Approved (all, 209.98 kms)</li> <li>▪ Drainage Channel ( all 167.37 kms)</li> <li>▪ DS: Design done (53), approval (52)</li> <li>▪ FS: Design done (19), approval (19)</li> <li>▪ RBP: Design done (1.8 km), approval (1.8)</li> <li>▪ SPW: Design done (4.78), approval (4.78)</li> </ul> <p>Draft final EIAs for 7 polders have been submitted to PMU.</p>

Note on Indicators 1 and 2

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

Table 48: Estimate of Area and Population Protected by the Embankment Works - December 2022

Gross area protected & Direct project beneficiaries							
Polder No. and Package No.	Total Polder Area (ha)	Total Polder Population (BBS 2011 with assumed 1.4% annual growth rate)	Embankment Fully Done (kms)	Embankment Target (kms)	Estimated Share of Area Protected	Area Protected to Date (ha)	Population Protected to Date
32	8,097	59,258	49.666	49.67	99.99%	8,096	59,253
33	8,600	86,503	47.469	49.15	96.58%	8,306	83,544
35/1	13,058	1,42,714	61.972	61.97	100.00%	13,058	1,42,719
35/3	6,790	41,828	39.825	39.83	99.99%	6,789	41,823
Pkg 01	36,545	3,30,303	198.932	200.62	99.16%	36,250	3,27,339
39/2C	10,748	1,36,404	36.742	59.25	62.01%	6665	84,587
40/2	4,453	84,931	21.057	34.2	61.57%	2742	52,292
41/1	4,048	80,330	22.561	33.81	66.73%	2701	53,603
42/3C	2,753	27,501	17.878	25.505	70.10%	1930	19,277
47/2	2,065	7,277	17.567	17.5	100.38%	2073	7,305
48	5,400	57,457	24.687	38	64.97%	3508	37,327
Pkg 02	29,467	3,93,899	140.492	208.265	67.46%	19,619	2,54,391
TOTAL, Protected	66,012	7,24,202	339.424	409.33	82.92%	55,869	5,81,730

Source: Calculation of Third-Party M&E Consultants, based on physical works achieved



Note on Indicator 3**Cropping Intensity of CEIP-1, Considering 9 Polders (39/2C is under construction)**

The Cropping Intensity calculation is given in the table below. We have found the CI in Package 01 is 167 and Package 02 is 205. This is based on the practical decision, agreed with the World Bank, FAO and PMU, to assume that the total cultivable area (denominator) is equal to the area planted in Kharif II.

*Note: Polder 39/2C hasn't been considered until the polder is completed because this polder is entirely new.*

Table 49: Cropping Intensity of Package 01 & 02—Estimated in 2022

Polder	Area of Polder	Kharif – II 2021	Rabi 2022	Kharif - I 2022	Total Cropping Area of 2021-22	Cropping Intensity
(a)	(b)	(c)	(d)	(e)	(f) = c+d+e	(g) = f/c
32	5815.65	3273.07	1553.46	32.73	4859.26	148
33	10103.59	7423.34	6973.20	0.00	14396.54	194
35/1	14330.45	8102.76	2835.97	972.33	11911.05	147
35/3	6619.16	2363.28	1744.45	118.16	4225.89	179
<b>Package 01</b>	<b>Total Area</b>	<b>21162.44</b>	<b>13107.07</b>	<b>1123.23</b>	<b>35392.74</b>	<b>167</b>
40/2	4565.38	2397.01	2300.02	483.00	5180.03	216
41/1	4206.88	2392.69	2392.69	526.39	5311.77	222
43/2C	2977.45	1791.60	1786.40	1057.04	4635.04	259
47/2	965.21	643.59	418.33	141.59	1203.50	187
48	5079.93	2542.89	889.58	305.15	3737.62	147
<b>Package 02<sup>2</sup></b>	<b>Total Area</b>	<b>9767.77</b>	<b>7787.02</b>	<b>2513.17</b>	<b>20067.96</b>	<b>205</b>

<sup>2</sup> Excluding Polder 39/2C.

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

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

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

#### 5.1.1 Planned Outputs of A1: Rehabilitation and Improvement of Polders

##### Works Package 01

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

Table 50: Status of Rehabilitation and Improvement of Polders of Package 01

Sl	Activity	Contract Quantity	Done through June 2021	Work planned during 2022-23	Work completed during Jun-Dec 2022	Work Remaining for Jan-Jun 2023
			Full	Full		
1	Embankment	200.617 kms	197.882	2.735	1.050	1.685
2	Drainage Channel excavation	151.21 kms	151.21	0		
3	Drainage Sluice construction	38 nos.	38	0		
4	Drainage Sluice repair	2 nos.	2	0		
5	Flushing Sluice construction	30 nos.	29	0		
6	Flushing Sluice repair	14 nos.	14	0		
7	Slope protection	19.966 kms	19.906	0.060	0	.060
8	River Bank protection	4.25 kms	4.25	0		
9	Closure	1 no.	1	0		

##### Works Package 02

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

Table 51: Status of Rehabilitation and Improvement of Polders of Package 01

Sl	Activity	Contract Quantity	Done through June 2022	Work planned during 2022-23	Work completed during Jun-Dec 2022	Work Remaining for Jan-Jun 2023
			Full	Full		
1	Embankment	208.71 kms	127.073	81.637	13.419	68.218
2	Drainage Channel excavation	154.632 kms	107.831	46.801	0	46.801
3	Drainage Sluice construction	50 nos.	32	18	6 done (11 started)	12
4	Drainage Sluice repair	6 nos.	0	6	0 done (3 started)	6
5	Flushing Sluice construction	50 nos.	20	30	4 done (15 started)	26
6	Flushing Sluice repair	30 nos.	1	29	1 done (29 started)	28
7	Slope protection	9.476 kms	4.421	5.055	1.076	3.979
8	River Bank protection	5.691 (was 4.92 kms)	4.779	0	0.495	0.417
9	Closure	8 no.	6	2	0	2
10	Road Pavement	51 kms	0	dropped		

### Works Package 03

This package will be part of CEIP-2 and will be renamed within that project's bidding documents.

Table52: Status of Preparation of Package 03

Ref	Activity	Status
1	Package W-03 Bidding Document prepared	To be incorporated in CEIP-2 bid packages.
2	Detailed Design of Package W-03	One structure remains to be approved. Otherwise all designs are completed.
3	Package W-03 -7 EIAs	Approved by the World Bank and BWDB. National-level public disclosure to be undertaken

#### 5.1.2 Planned Output of A2: Afforestation

Divisional Forest Officers will continue to oversee the local maintenance of the afforestation done so far since the first planting was conducted in 2018-19. They will also prepare the plan for 2022-23 afforestation program. But fixing the afforestation target will depend on the completion of polder construction and it will be finalized discussing with DDCS & PMS consultants. The Divisional Forest officers will follow the time schedule for maintenance of 2018-19, 2019-20 and 2020-21 plantation as well as raising of nurseries and plantation of 2022-23.

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

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

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

The NGOs have completed their work.

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

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

- Payment to Titled EPs, 2077 nos.

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

- LAP payment in polder 39/2C – 13.67 ha and 43/2C – 26.44 ha.
- Resettlement payment to non-titled EPs, 1161 nos.

**Environmental Safeguards:**

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

The major activities planned for next two quarters are-

1. Continue supervision and monitoring of the Contractors' implementation of EHS activities and implementation of COVID-19 management plan
2. Implementing, following up and monitoring of the recommendations/action plan of the 7<sup>th</sup> Annual Environmental Audit Report
3. Conducting national disclosure workshop for the 7 EIAs of Package-03.
4. Preparation of 7<sup>th</sup> Annual Environmental Audit Report.
5. Preparation of the 14<sup>th</sup> Bi-Annual Environmental Monitoring Report

The detailed plan with specific deadlines has been provided in the Agreed Actions table at the end of Chapter 5.

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

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

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

**Design Work**

Design approval work for Package-1 and Package-2 are completed. All design works for Package-3 and some approval are also completed. Remaining approval works are to be completed in the upcoming quarters.

**Preparation of Bidding Documents**

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

**Construction Supervision**

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

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

Key activities planned for next two quarters are:

1. Continue development of the web based PMIS and conduct orientation session for users.
2. Review RAP, EAP/C-ESMP documents (ongoing, as they are provided)
3. Finding cropping intensity from Primary and Secondary data (also use Landsat 8 satellite image)

4. Review AP/C-ESMP documents (ongoing, as they are provided)
5. Prepare 7<sup>th</sup> Environmental Audit Report.
6. Follow up recommendations of the 6<sup>th</sup> and 7<sup>th</sup> Annual Environmental Audit Reports.
7. Prepare the 29<sup>th</sup> and 30<sup>th</sup> Quarterly Progress Reports and Annual Progress Report
8. Undertake the End-line Household Survey and PRA sessions
9. Begin preparations for the Implementation Completion Report
10. Monitor the performance of CEIP-1
11. Provide M&E training
12. Participate in ISR missions of the World Bank.

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

The contract was signed on 04 October 2018. The key action is to undertake broad consultations and to complete the development of the models so the outputs can be incorporated into the design of CEIP-2. In the next quarter the following activities will be continued, finalized and started:

- Risk assessment for 23 polders
- Polder drainage modelling and suggestions for improvement
- Discussing principal design sketches for embankments with local team and BWDB
- Interpretation of macro and meso scale model results for polder development
- Field visit to polders in the southwest region
- First version of polder development and investment plan

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

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

#### 5.4.1 Planned Outputs of D1: Project Management Support and Audits

##### Project Institutional and Implementation Arrangements

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

- Renew contracts of PMU staff as needed

##### Financial Management and Fiduciary Aspects

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

Sl.	Activity	Status
1	IUFR for future quarters	On track
2	Finalization of Internal Audit plan for FY 2019-2020	Prepare call for REOI.

## 5.4.2 Planned Outputs of D2: Technical Assistance and Training

Training and technical assistance in Coastal Zone Modelling and Concepts, M&E and contract management may be provided for PMU.

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

A workshop to present the Inception Report will be undertaken and work will proceed on collecting more detailed data on the pre-screened subset of 23 polders to inform the multi-criteria analysis that will be used to select the final 13 new polders to be added to those from Package 03.

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

Component E has not been triggered.

## 5.6. Agreed Actions

The CEIP-I Implementation Support Mission of August 2022 identified Key Agreed Actions. The timebound action plan is presented below.

Table 53: Key Agreed Actions per ISR Mission of August 2022

#	Actions	Sub-Actions	Responsibility	Agreed timeline (September 2022 Mission)
1	<b>Monthly Progress Report</b>	Detailed Design Construction Supervision and Project Management Support Consultancy Service (DDCS&PMS): Monthly Progress Report incorporating the following aspects: <ul style="list-style-type: none"> <li>• Updated Physical Progress Milestone Matrix (W-01 and W-02)</li> <li>• Resource-based detailed modular planning from the Contractor of works packages and review resource requirements for CC Block Production.</li> <li>• Detailed work progress breakdown of each BoQ item</li> <li>• EHS Compliance Report for works package W-01 and W-02 (Polders and CC Block Plants)</li> <li>• Social Safeguards status</li> <li>• Financial Progress by Works Packages</li> </ul>	BWDB	15 <sup>th</sup> of every month
		Implementation of Social afforestation	BWDB, BFD	15 <sup>th</sup> of every month
2	<b>Recurrent Actions</b>	Updated Procurement Status/ Plan in STEP	BWDB	Continuous
		Updated Disbursement Status and Projection for key packages	BWDB	15 <sup>th</sup> of every month
		Package-wise expenditure projection by DDCS&PMS Consultant (including projection of itself) to PMU (new action)	BWDB	15 <sup>th</sup> of every month
3	<b>Quarterly Reports</b>	M&E Report	BWDB/ M&E Team	Within 45 days after end of each quarter
		Long Term Monitoring, Research and Analysis of the Coastal Zone reflecting the deliverables as per Contract (ToR)	BWDB/ LTM Team	Within 45 days after end of each quarter

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

#	Actions	Sub-Actions	Responsibility	Agreed timeline
4	<b>Physical Works</b>	Periodical Monitoring of Nalian Closure	BWDB	15 <sup>th</sup> of every month
5		Methodology of Periodical Monitoring of Nalian Closure	BWDB/ DDCS&PMS	15-Oct-22
6		Completion of Package 1.	BWDB/ WP-01	31-Dec-23
7		Share work plan for the additional bank protective works	BWDB/ DDCS&PMS	15-Oct-22
8		Share a proactivity informal flow chart of activities required to be done to complete the time extension and variation of works package W-02	BWDB/ DDCS&PMS	20-Oct-22
9		Revised Technical assessment of the revised physical targets	BWDB/ DDCS&PMS	25-Oct-22
10		Handing Over the ICT monitoring system to BWDB	BWDB/ DDCS&PMS	31-Dec-23
11	<b>Works Package 2</b>	Revised action plan for embankment construction with pending LA, paved roads, and resettlement (if any) as per chainage.	BWDB/ DDCS&PMS	30-Oct-22
12		Time-bound Action plan to complete 32.45 km of embankment in Polder 39/2C (3.38 km of slope protective works critical to embankment construction)	BWDB/ DDCS&PMS	15-Oct-22
13		Time-bound Action plan to complete 10.726 km of embankment in Polder 43/2C	BWDB/ DDCS&PMS	15-Oct-22
14		Time-bound Action plan to complete remaining embankments in Polder 40/2, 41/1, 48	BWDB/ DDCS&PMS	15-Oct-22
15		Time-bound Action plan to complete 14 FS of Polder 39/2C and 1 FS of Polder 43/2C	BWDB/ DDCS&PMS	15-Oct-22
16	<b>Project Management</b>	Approval of RDPP	BWDB, Planning Commission	30-Oct-22
17		In line of the extension of the project closing date, appropriate variations of relevant works and service contracts	BWDB	15-Nov-22
18	<b>Social Safeguard</b>	Implementation of basic infrastructure (access roads, drainage, and WASH facilities) for group relocated households in Polder 32 and 35/1	BWDB	30-Apr-23
19		Optimization of Awardee numbers for the remaining polders	BWDB	30-Oct-22
20		Complete land acquisition compensation payments to the remaining title-affected landowners as per World Bank safeguards compliance requirements	BWDB, DC offices	Continuous
21		CEIP-I List of Entitled Persons (Eps) for works package W-01 and W-02 to complete the comprehensive list of Project Affected People (PAPs) for all the Polders	BWDB	30-Oct-22
22		Provide resettlement cash assistance to the entitled tenants and wage laborers under works package 2	BWDB	31-Mar-23
23		Report on the livelihood assistance measures undertaken by BWDB for the affected vulnerable households	BWDB	30-Oct-22
24		Settling of the remaining GRM cases following the GRM protocol	BWDB	30-Oct-22
25	<b>Environment Safeguard</b>	Implement the recommendations of the monthly EHS meeting	BWDB	Continuous
26		Follow up the recommendations of third party annual Environmental audit report	BWDB	Continuous
27		Appointment of suitable EHS Managers (local and expatriate) at Polder level	BWDB	Continuous
28		Complete the demolishing activities of all six rented CC block yards of Package 1	BWDB	31-Dec-22
29		Conduct result demonstrations for released fishes in Package 1 and 2	BWDB	31-Oct-22
30		Share lesson learned note on Environmental safeguard	BWDB	31-Dec-22

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#	Actions	Sub-Actions	Responsibility	Agreed timeline
		practices in Package 1		
31		Share a brief note on Environmental improvement areas in Package 1	BWDB	31-Dec-22
32		Conduct in-house EHS training for project management team of Package 2	BWDB	31-Oct-22
33		Ensure in-site composting using organic wastes in camp/CC block yard area	BWDB	31-Dec-22
34		Conduct capacity build up training to WMO members	BWDB	31-Dec-22
35		Conduct IPM/ICM training for WMO members of Package 2	BWDB	30-Nov-22
36		Complete fish sanctuary constructions in Package 2 area	BWDB	30-Nov-22
37		Awareness building for conservation of threatened fish species in Package 2 area	BWDB	30-Nov-22
38		Submit activity completion report to the Bank on fisheries program in Package 2	BWDB	31-Dec-22
39		Continue COVID-19 safety measurements following the guidelines in work and CC block manufacturing sites	BWDB	Continuous
40	<b>Technical Advisory &amp; Counterpart Committees</b>	Share the meeting announcement and minutes of TAC with the Bank (continuous)	BWDB	Monthly
41		Share meeting minutes/ monthly report of Counterpart Team BWDB (continuous)	BWDB	Monthly
42	<b>CEIP-1/ C3/S4</b>	Completion of all activities related to the 3 <sup>rd</sup> Variation Proposal	BWDB	25-Oct-22
43	Long Term Monitoring, Research and Analysis of the Coastal Zone	Updated Action Plan (including timeline) for Capacity Building (In-country on-the-job technical training)	BWDB/ LTM consultant team	15-Oct-22
44		Completion of handing over process including the Data Migration and Training on IGDCZ	BWDB, LTM consultant team	30-Nov-22
45		Recurrent Actions: • Submission of the revised reports incorporating the comments of the World Bank • Store and organize the reports/ outputs in IGDCZ web application (Deliverable code wise) • Transfer of Data	LTM consultant team	Continuous
46	<b>Social mobilization with Social Action plan</b> (incl. setting up WMOs) and	Share the technical assessment on foreshore planation for 10 Polders with the Bank	BWDB, BFD	15-Oct-22
47	Implementation of	Signing of Bipartite contract for Package E	BWDB	15-Oct-22
48	Integrated Pest	Formation of Social Afforestation Groups of Package E	BWDB	15-Oct-22
49	Management (IPM) Plan as well as Afforestation	Signing of Tripartite Contract A	BWDB, BFD	October 10, 2022
50		Signing of Tripartite Contract B	BWDB, BFD	October 10, 2022
51		Signing of Tripartite Contract C	BWDB, BFD	October 30, 2022
52		Signing of Tripartite Contract D	BWDB, BFD	15-Oct-22
53		Signing of Tripartite Contract E	BWDB, BFD	October 10, 2022
54		Store soft copies of all the deliverables including progress reports, posters and other communication materials in cloud as well as share with the World Bank	BWDB	15-Oct-22
55		Video documentary by package E.	BWDB/	15-Oct-22



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

#	Actions	Sub-Actions	Responsibility	Agreed timeline
			Package E	
56		MoUs for each of the WMA with concerned BWDB O&M divisions.	BWDB	30-Oct-22
57		Revisions/extension of Contracts with BFD	BWDB, BFD	15-Oct-22
58		Afforestation Work Program for FY22	BWDB	15-Oct-22
59	<b>CEIP-1/ D3/S23</b>	Approval of Feasibility Report from BWDB	BWDB	15-Oct-22
60	Feasibility studies and preparation of design for the following Phases of CEIP	Store all collected primary/ secondary/ raw datasets including meta-data on the Geospatial Data Sharing Portfolio (GeoDASH) and also the Database or SharePoint system of BWDB.	BWDB/  Feasibility Study Team	Continuous
61	<b>Financial Management</b>	Submitting IUFRRs	BWDB	Within 45 days from end of quarter
62		Share Disbursement projection for the remaining period of the project.	BWDB	15-Oct-22
63		Share the list of unsettled audit observations along with the newly drafted clarifications with the Bank.	BWDB	15-Oct-22
64		Complete the Reconciliation Statement between the book balances of the PIU and the balances as shown in the Client Connection.	BWDB	15-Oct-22
65		Share Component wise expenditure statement against the current allocation of funds.	BWDB	15-Oct-22
66		Share TOR for Internal Audit with the Bank	BWDB	31-Dec-22
67		Resolve all audit observations	BWDB	31-Dec-22

## 6. CONTRACTUAL, LEGAL AND ADMINISTRATIVE MATTERS

### 6.1. Works Contract W-01

#### Performance Bonds and Insurance

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

#### Invoices and Payments

No IPC was reported as submitted during the July-September 2022 quarter.

#### Contract Modifications

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

The Contractor submitted the detailed claim report for Extension of Time with supporting documents vide their ref. no. CHWE/CEIP-1/EN/0489 dated: 10th July 2021. The claim report was reviewed by the Engineer and found that they did not incorporate the activities of remaining construction/ re-sectioning of embankment work and slope development work of paved road area and the remaining work of excavation/ re-excavation of drainage channel. So, they are requested to resubmit the detailed claim report for extension of time incorporating the said activities. The Contractor has resubmitted the detailed claim report for extension of time which is under review by the Engineer.

### 6.2. Works Contract W-02

#### Performance Bonds and Insurance

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

#### Invoices and Payments

IPC-21 was submitted to the Engineer on 21st April 2022 and the IPC was sent by the Engineer to the Employer on 24th April 2022 with recommendation for payment and paid by the Employer on 18th May 2022.

IPC-22 was submitted to the Engineer on 11th June 2022 and the IPC was sent by the Engineer to the Employer on 14th June 2022 with recommendation for payment and paid by the Employer on 23rd June 2022.

IPC-23 was submitted to the Engineer on 25th June 2022 and the IPC has been sent by the Engineer to the Employer on 28th June 2022 with recommendation for payment.

## Contract Modifications

The Contract has been extended up to 30th June 2022 by the Competent Authority which is communicated by the Project Director vide memo no. CEIP-1/W-02/695 dated: 14th June 2021. The Contractor submitted the Revised Work Program for the remaining works considering the completion date of the Contract is on 30th June 2022. Revised Work Program was reviewed by the Engineer and submitted to the PMU vide Engineer's ref. no. RDCOR\_BC5883-100\_L003335 dated: 27th September, 2021.

### 6.3. Works Contract W-03

This package will be deferred to CEIP-2.

### 6.4. DDCS&PMS Consultants Contract

#### Invoices and Payments

Foreign Currency Invoices were submitted and paid as follows:

- Invoice No. 40 was submitted on 11 Nov 2021 and paid on 24 Feb 2022
- Invoice No. 41 was submitted on 11 Nov 2021 and paid on 24 Feb 2022
- Invoice No. 42 was submitted on 23 Jan 2022 and paid on 27 Apr 2022
- Invoice No. 43 was submitted on 18 Apr 2022 and paid on 16 Jun 2022
- Invoice No. 44 was submitted on 25 May 2022 and paid on 16 Jun 2022
- Invoice No. 45 was submitted on 30 Jun 2022
- Invoice No. 46 was submitted on 17 Nov 2022
- Invoice No. 47 was submitted on 17 Nov 2022

Local Currency Invoices were submitted and paid as follows:

- Invoice No. 39 was submitted on 10 Oct 2021 and paid on 3 Jan 2022
- Invoice No. 40 was submitted on 16 Nov 2021 and paid on 24 Feb 2022
- Invoice No. 41 was submitted on 8 Dec 2021 and paid on 23 Mar 2022
- Invoice No. 42 was submitted on 8 Mar 2022 and paid on 27 Apr 2022
- Invoice No. 43 was submitted on 7 Apr 2022 and paid on 27 Apr 2022
- Invoice No. 44 was submitted on 16 Jun 2022
- Invoice No. 45 was submitted on 30 Jun 2022

#### Contract Modifications

A budget-neutral reallocation proposal was submitted to the Client in early 2017 and it was approved February 2018. Another such amendment has been approved. A third budget-neutral amendment was submitted to PMU on 18 June 2019 and resubmitted on 25 September 2019, then forwarded to the World Bank on 26 September. The Modification to the Contract No.03 of DDCS & PMS Consultants has been signed by the Project Director and the Consultants on 15<sup>th</sup>December2019.

A budget-neutral extension of time through June 2022 has been executed and then extended again through December 2023.

## 6.5. Third Party M&E Consultants Contract

### Invoices and Payments

Invoice #40 covering May and June 2022 was submitted during the prior quarter. Submission of further invoices awaits approval of the rDPP and Contract Variation. Invoice #39 and all prior invoices have been paid.

### Contract Modifications

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

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

A Contract extension request was submitted to the PMU by the DDCS&PMS Consultants and M&E Consultants to allow services to continue through 2023 given the mid-2023 expected completion date of the works and this has been approved and is budget-neutral. A Contract extension request has been submitted that reflects the extension period of CEIP-1 and stands approved through 30 June 2023 with no additional funding until the rDPP is approved.

A Contract Variation request with the inclusion of a modest amount of additional funding is has been cleared by PMU and will be submitted to the Ministry and CCGP upon approval of the rDPP.

## 7. ISSUES AND RECOMMENDATIONS

### New Issues

**R** Issue QPR29- 1: There are important follow-on actions that are required in order to capitalize on the CEIP-1 infrastructure investments and for sustainability

Status: The full potential of optimizing water management for improved agricultural production is yet to be achieved. WMA/WMG are generally not prepared to take over O&M activities. The core objectives of CEIP-1 focused on protection against tidal/storm surges and flooding and salinity intrusion. Other than cropping intensity as a measure of the impact of the physical improvements, the core objectives of CEIP-1 did not focus on maximizing crop productivity and O&M. It is accepted, but there remains work to be done in these areas that will deliver a sizable benefit stream without much additional cost. Constraints yet to be overcome are that the WMOs were not formed early in the project where they could have participated in the design and they even now are not much engaged in the O&M as the systems are not yet turned over. As a result, ownership of the completed physical works has yet to be strengthened at the local level of WMAs/WMGs.

Recommendation: BWDB should consider including these elements in CEIP-2 and also to design, finance and implement a follow-on project for the CEIP-1 polders as well. This project or component of CEIP-2 would have the following objectives:

- Establish ownership of physical works by WMOs with the support of BWDB O&M division. This would involve a suitable budget allocation for an outsourced (via WMA/WMG) O&M monitoring and operation system.
- Enable timely routine and periodic maintenance through temporary outsourcing contracts and budget allocation complementing the ownership and administration by the WMOs
- Establish M&E system at BWDB which will alert the agency on issues and ensure that O&M of physical works created under the project is effective.

**R** Issue QPR29-2: Clarity is lacking on when WMA/WMG are to be responsible for O&M

Status: The Works Contractors retain possession of the polders until handing over but then must rectify any problems during the Defects period. The WMA/WMG are not yet operating the system and once the defects period is completed they are not clear on the division of O&M responsibilities between the organization and the BWDB.

Recommendation: The roles and responsibilities should be outlined and communicated clearly along with the expected timeline. Some WMOs have become moribund since their formation so efforts are needed to engage the users more proactively.

Issues from Prior Quarters


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

Issues	Recommendation in brief	Status Update	Follow-up Actions
<b>From QPR28 (Jul-Sep 2022)</b>			
<p>Issue QPR27-1: Contract Variations are pending for the Consultants</p>	<p><u>Status:</u> rDPP must be approved and then the proposals of the consultants can be forwarded to the Ministry and CCGP by PMU.</p> <p><u>Recommendation:</u> The Contract Variations must be expedited for required resources to continue to be committed to carry out the services that are essential to the proper and effective implementation of CEIP-1.</p>	It is understood that the rDPP was approved on 12 February 2022. PMU is giving attention to this matter.	
<b>From QPR27 (Apr-June 2022)</b>			
<p>Issue QPR27-1: Review of Replacement Candidates for Consultants is Much Delayed</p>	<p><u>Status:</u> The Third Party M&amp;E Consultants have not replaced any of their international personnel during the past seven years. However, in late 2020 and early 2021, it became necessary to propose the replacement of the Environmental Specialist and the Social Safeguards Specialist due to the impact of the risk of COVID on these senior staff. To date, there has been no decision on the CVs that have been submitted.</p> <p><u>Recommendation:</u> PMU to expedite the review process.</p>		
<b>from QPR26 (Jan-Mar 2022)</b>			
<p>Issue QPR26-1: WMGs and WMAs Require Training on O&amp;M Planning/Budgeting</p>	<p><u>Status:</u> The NGOs charged with the mobilization and formation of WMOs have generally fulfilled their mandates. They have also provided training to the WMOs in a variety of subjects ranging from Organizational Roles and Responsibilities (members and various committees), Participatory Water Management, Accounts Keeping and Audits, Gender and Leadership Development, Resource Mobilization, and Infrastructure O&amp;M hands-on Training. NGOs had given theoretical</p>		Re-fresh training is required to WMA and WMG.

Issues	Recommendation in brief	Status Update	Follow-up Actions
	<p>training to the WMA and WMG because DS&amp;FS was not completed during the training period.</p> <p><u>Recommendation:</u> Without WMG-specific O&amp;M plans, however, there will be limited success in sustainably managing the hydraulic structures, periodically re-excavating the khals, etc.</p>		
<p>from QPR25 (Oct-Dec 2022)</p>			
<p><b>Issue QPR25-1:</b> <b>COVID-19 has proven to be unpredictable with both low and high infection rates due to the appearance of variants.</b></p>	<p><u>Status:</u> Infection rates are highly variable.</p> <p><u>Recommendation:</u> Contingency planning may be considered in case large numbers of staff and workers become infected. Staff replacement approvals may be expedited for the consultants and contractors so that individuals ready to work in-country under COVID uncertainties can be mobilized. Work-from-home may be considered where it is effective.</p>	<p><b>In progress</b></p>	
<p><b>Issue QPR25-2:</b> <b>Package 01 Group-Relocated PAPs Still Awaiting Promised Amenities</b></p>	<p><u>Status:</u> There are seven group relocation sites in Package 01 for residents. PAPs have not yet received the access road, water tank and sanitary latrines that were to be provided by CEIP-1, despite having relocated since before 2020. For the 4 relocated markets, CEIP-1 was to provide a tubewell and sanitary latrines as well, but these are still awaited. PMU will be including an additional works package in the RDPP that is currently under development. The procurement of the new works contract is at risk of not being completed on time.</p> <p><u>Recommendation:</u> Examine means to fast-track the procurement. Complete design work and bid documents in advance of tendering.</p>	<p>In Progress</p>	

Issues	Recommendation in brief	Status Update	Follow-up Actions
<p><b>Issue QPR25-3:</b>  <b>Contractors’ Environmental Health and Safety Practices are Faltering</b></p>	<p><u>Status:</u>                      Routine field visits by the M&amp;E Consultants and the Annual Environmental Audit have found that environmental health and safety practices are not being complied consistently and have faltered compared to earlier years. This is especially evident in Package 02. Measures to limit COVID risk, use of PPE, use of flagmen, etc. are frequently not being implemented.</p> <p><u>Recommendation:</u>                      DDCS&amp;PMS Consultants tighten their oversight of the Contractors and issue non-compliance reports to ensure they take necessary corrective action. Contractor staff require effective re-training and senior management must direct their staff to comply with environmental safeguards.</p>		
<p>from QPR24</p>			
<p><b>Issue QPR24-1:</b>  <b>Non-titled EPs and possibly others are again encroaching on the newly completed embankments.</b></p>	<p><u>Status:</u>                      In many places of Polder 32, 33 and 35/1, squatters have been returning to the embankment and building structures and doing business. Some are causing damage to the embankments.</p> <p><u>Recommendation:</u>                      BWDB should coordinate with local government to develop and implement the necessary actions to protect the integrity of the embankments.</p>		<p>BWDB should take necessary action.</p>
<p><b>Issue QPR24-2:</b>  <b>Qualification Level of Select Staff of Contractor</b></p>	<p><u>Status:</u>                      Contractor of Package 02 has deployed unqualified construction supervision positions.</p> <p><u>Recommendation:</u>                      DDCS&amp;PMS may be requested to check the Contactor’s staff experience and qualifications as per their contract and/or assess the performance and take necessary action.</p>		











Issues	Recommendation in brief	Status Update	Follow-up Actions
<p> <b>Issue QPR24-3:</b> <b>Some key international experts have not yet resumed travel</b></p>	<p><u>Status:</u> International key experts have not all resumed working physically in Bangladesh. Since the consulting work requires close coordination and has an element of capacity building, this is not ideal. <u>Recommendation:</u> With the wide availability of COVID vaccines, the Consultants and Contractors should mobilize staff to Bangladesh. PMU may request such mobilization.</p>	<p><b>RESOLVED.</b> Many international experts have resumed their field inputs during the October-December 2021 quarter.</p>	
<p>from QPR23</p>			
<p><b>Issue QPR23-1:</b> <b>Payment issue for LAP and RAP implementation in Package 01</b></p>	<p><u>Status:</u> BDT 8.73 million for non-titled EPs, BDT 4.505 million for wage labor, BDT 6.432 million for Tenant, and BDT 7.5 million for group relocation have not been paid yet. Without these payments, civil works are being hampered and the social safeguard guidelines may be violated. <u>Recommendation:</u> Expedite payment and ensure payment is made before resettlement.</p>	<p>Partially RESOLVED RAP of Package 01 done, LAP of Package 01 almost done.</p>	
<p><b>Issue QPR23-2:</b> <b>Formation of WMA in Polder 43/2C and 47/2</b></p>	<p><u>Status:</u> Formation of WMA in the polder 43/2C and 47/2 has not yet been achieved. Without WMA, sustainable polder functionality will be a major challenge, equity in water management is not likely and the agricultural benefits expected will not be achieved. <u>Recommendation</u> The NGO engaged for WMA formation in these two polders need to accelerate their work and consultations with local people to solve all the issues.</p>	<p>Partially RESOLVED all the WMA formation has been done, and three WMA 43/2C, 47/2, and 48) registration yet to be done.</p>	
<p><b>Issue QPR23-4:</b> <b>Afforestation disputes in Polder 32</b></p>	<p><u>Status:</u> Secretary of WMA Polder 32 has asserted to the M&amp;E Consultants that the Department of Forest (DoF) is planting low quality seedlings and in most of the places, no seedlings. Moreover, DoF is not paying the watchers properly. <u>Recommendation</u> PMU may request DoF to investigate and follow up.</p>	<p>Partially RESOLVED Due to the salinity of polder 32, surviving rate of the plant to low in polders 32, 33 and 33. DoF has replaced the survived plant.</p>	



Issues	Recommendation in brief	Status Update	Follow-up Actions
from QPR22			
<p><b>Issue QPR 22-1: Additional Drainage Structure and Channels need to be Constructed</b></p>	<p><u>Status:</u> Some structures of the polders have been taken up under AILA, like in polder 32 – DS 14. This DS with channel (Kamarkhola) are not included in CEIP-1. Due salinity, gate of Drainage Sluice is not being working properly (Shaft rod and rubber) and Kamarkhola channel has been silted up. Kamarkhola channel is one the main channel of this Union (Kamarkhola). Farmers have stated cultivation of watermelon and others crop in 2021, Rabi season, but, due to coming of saline water from DS 14, the local farmer has made cross dam over the channel and they did not get crops growth they expected.</p> <p><u>Recommendation:</u> DDCS&amp;PMS has to find out all the gates and channels, which Sluices have been taken up in AILA– repair all the gates and excavated all the channels before start next Kharif 1 season. It is noted that increasing cropping intensity is one the main objective of CEIP-1.</p>		
<p><b>Issue QPR 22-2: All the Drainage Channels need to be Excavated Immediately in Package 01</b></p>	<p><u>Status:</u> Completion of construction of Embankment, Drainage and Flushing Sluice is critical. Local farmers are being not gotten proper benefit from project intervention. It has been found drainage channels are not sufficiently excavated and there is a shortage of water during cultivation of Rabi season.</p> <p><u>Recommendation:</u> To achieve the project result of increased crop intensity, drainage channels excavation is essential. During cultivation of Rabi crop, drainage channel water has been used, also channels are used as water retention pond.</p>	<p>Partially RESOLED all the drainage channels in package 01 and 72% of works of package 02 have been done as per RDPP. For increasing cropping intensity, additional drainage channel excavation is demanded additional funding.</p>	

Issues	Recommendation in brief	Status Update	Follow-up Actions
<p><b>Issue QPR 22-3:</b> EHS practice is not being found in Package 01 &amp; 02</p>	<p><u>Status:</u> It has been found during field visit of M&amp;E staff that Environmental Health Safety practices are not always followed and we have seen photos uploaded in WhatsApp – as part of our construction progress monitoring.</p> <p><u>Recommendation:</u> It is recommended that EHS and COVID -19 guidelines must be maintained during construction of package 01 &amp; 02. The DDCS&amp;PMS Consultants to enforce.</p>	<p>As of December 2022, the compliance still needs improvement.</p>	
<p>from QPR21</p>			
<p><b>Issue QPR 21-1:</b> The current CEIP-1 completion date of June 2022 will need to be extended.</p>	<p>Only 52.3% of the project budget has been expended as of 31 December 2020 – the original loan closing date and five years since notice to commence was issued for the first package. Given the slow rate of progress of works under Package 02, the need for additional Bank Protection Works and the delay in appointment of the CEIP-2 Feasibility Study Consultants, the current completion date of June 2022 will not provide adequate time to complete the works and services.</p>	<p><b>RESOLVED</b></p>	
<p>from QPR20</p>			
<p><b>Issue QPR20-1:</b> Some Quality and Condition Issues Exist in the Construction Works of Package 1 &amp; 2.</p>	<p>There are quality issues with some of the works. Due to excessive rain this year, many places of Package 1 &amp; 2 have been found deteriorated where, for example, the top of the embankment is not in good shape and damaged, shaft rods are bent, etc. Further, undersized rods have been observed in several DS and FS and wheels of all sluices are oversized. The loose aprons of most of the sluices are damaged and existing slope protection works are also heavily damaged in some places. DDCS&amp;PMS Consultants’ team should perform a global check on the quality of construction works (condition assessment) and give a comprehensive report for recommendation of reconstruction.</p>	<p>Status as of 30 Jun 2021:</p> <ol style="list-style-type: none"> <li>1. WMA members have told that both contractors are using sand instead of soil in many places of the embankment and put a thick cover of soils on top of the sand.</li> <li>2. Many DS of polder 32 and 33 have been leaking and saline water coming inside the polder. Farmers have made cross dam over the channels to prevent saline water come to their field, crops like watermelon would be damaged.</li> <li>3. During emergency works in P-32, it is reported that lower weight of geo-bags than specified are being used (source from WhatsApp group and WMA president informed over phone).</li> </ol>	<p>As of 30 Jun 2022:</p> <ol style="list-style-type: none"> <li>1. A technical committee has also been formed for checking the engineering quality of polders, hence we recommend that the committee should do spot check on the embankment with respect to this WMA complaint.</li> </ol>






Issues	Recommendation in brief	Status Update	Follow-up Actions
		RESOLVED Contractor has worked on the quality issues.	
from QPR19			
<b>Issue QPR19-1: Attention Needs to be Focused on Actualizing Agricultural Benefit Stream where the DS&amp;FS are operational</b>	Five drainage sluices and ten flushing sluices in Package-01 have been theoretically operational for more than one year due to the physical works achievement and also the influence of local people but these DS & FS have not yet been handed over to BWDB and the WMOs are not yet functional. In addition, there are other newly constructed DS & FS that have problems with their gates. Physical works, institutional arrangements and extension support must all be in place to see increased agriculture cropping intensity – one of the key goals of the project and a key element in the economic justification of the investment. Generally, farmers are not being benefited yet with respect to cropping intensity in the polder area.	Partially RESOLVED DS&FS are in operation, and the farmer benefits from the agriculture site.	
<b>Issue QPR19-2: COVID-19 Pandemic is a Continuing Risk to the Quality and Progress of Works</b>	Progress of Package 1 and 2 was terribly slow during the March-June 2020 period and COVID-19 was a major factor. Progress was 2.84% and 1.53% respectively for the two packages in April-June 2020 quarter. Most of the foreign skilled labor are not present in the field area. Coronavirus is an unpredictable phenomenon and researchers cannot give any specific timeline for when a vaccine will be available. Travel restrictions and the need for social distancing mean that the both physical works progress and the level of supervision are being affected.	<b>In Progress</b> Pkg -1 contract has been extended up to 31 March 2022 Pkg-2 contract has been extended up to 30 June 2022	
from QPR18			
<b>👉 Issue QPR18-1: COVID-19 Pandemic Inhibits Field Visits and Physical Progress to Some Extent</b>	Package 01 progress advanced from 81.51% complete on 31 December 2019 to 87.00% on 31 March 2019. With the public holiday in effect during part of March, all of April and now continuing into May, Package 01 progress advancing to completion by 30 June 2020 will be a bigger challenge than was already the case.	<b>PARTIALLY RESOLVED</b> Pkg -1 contract has been extended up to 30 March 2022 Pkg-2 contract has been extended up to 30 June 2022	

Issues	Recommendation in brief	Status Update	Follow-up Actions
from QPR17			
 <b>Issue QPR17-2: Land Acquisition for Polder 35/1 Embankment Realignment is Stalled</b>	Due to erosion of the river at Polder 35/1, the alignment of the embankment has been shifted, so a new 6.93 ha (1.8 kms) of land need to be acquired. The Consultant team has submitted the land acquisition proposal to DC office on 18 February 2019. For unknown reasons, the DC office has not yet sent the request to MoL for approval.	<b>RESOLVED</b> As of December 2021, the last request has been sent to MoL by the DC and the vast majority of land is already made available to BWDB.	
 <b>Issue QPR17-3: Public Awareness of Grievance Redress Mechanism Needs to be Enhanced</b>	During the last 5 quarters for Package 02, no new grievances have been reported. This would be good news if there are actually no issues, however, this is highly unlikely as the construction work is going on and RAP and LAP are being implemented. During field visits of M&E team, it was found that most PAPs are not aware of the GRM or they may have forgotten because it has been a few years since the awareness raising campaign was done by the DDCS&PMS Consultant. Access to grievance redress is not only the right thing to have in place for the benefit of the project-affected persons and communities, it is a covenant of the loan agreement with the World Bank. Furthermore, such access benefits the project by bringing issues to the fore before they reach a crisis level or produce bad publicity that could in the most extreme cases halt the project altogether.	<b>NOT RESOLVED</b> The low level of grievances continues as of December 2021. While five grievances were lodged during the October-December 2021 period, there were no grievances lodged for the two years prior.	
 <b>Issue QPR17-4: Slow Formation of WMOs Will Adversely Impact Project Benefits</b>	CEIP-1 seeks to provide coordination among the competing needs of various users and to ensure equity and sustainability by assigning operation and maintenance responsibility to the Water Management Groups (WMG) and polder-level Water Management Associations (WMA). As of 30 September 2020, 130 of 143 WMGs have been formed and 5 of 10 WMAs have been formed. There are several reasons including delays in mobilization, less experienced professionals or key staff vacancies, lack of support (or even opposition) from local community leaders and in	<b>PARTIALLY RESOLVED</b> (though lost time cannot be recovered) Formation of WMA target is being met and formation of WMG has seen a lot of progress as of September 2020. Now, as of December 2021, only two WMGs and one WMA remain to be formed.	

Issues	Recommendation in brief	Status Update	Follow-up Actions
	some cases lack of the NGO's experience in consultancy work. Further delay of having trained WMOs in place will adversely affect the planned benefits from the project as effective water management must occur in parallel with the physical improvements that are put in place.		
<b>from QPR16</b>			
 <b>IssueQPR16-1: NGO Package S01-C (Pirojpur District) and Package S01-E (Patuakhali District) - work progress is slow.</b>	While the inception phase work has been done the tasks related to formation of WMOs have not sufficiently advanced. A revised realistic timetable for deliverables should be prepared within the original duration of the contract and the NGOs should commit to meet these new deadlines.	<b>RESOLVED</b>	
 <b>Issue QPR16-2: DDCS Key Staff Vacancies Are Likely to Impede Work</b>	The RE of Package -1 has been absent for over a year, however RE of Package -2 is in place. The national Social Safeguard Specialist has also been absent for a long time.	<b>PARTIALLY RESOLVED</b> One RE is looking after both packages, given that Package 01 is winding down. The National Social Specialist position remains vacant.	
<b>from QPR15</b>			
 <b>IssueQPR15-1: Communities Near Newly-Constructed Drainage Sluices that are In Operation Are Experiencing Problems</b>	Five drainage sluices were visited in P-32 and 35/3 that have been completed and have been in operation now for nearly six months. At these locations, community members are report continuing salinity and/or waterlogging. The problem seems to be that the gates are not fully closing. While the problem appears physical, it may also be exacerbated by the lack of functioning WMGs. DDCS&PMS Consultants to check and have Contractor rectify.	<b>RESOLVED</b> all the DS of Package 01 are functional	
 <b>IssueQPR15-2: Long Term Monitoring Consultant's Progress is Weak</b>	Consultant should accelerate and provide a revised realistic timetable for deliverables within the original duration of the contract and the Consultant should commit to meet these new deadlines. Phase 2 preparation will depend on the output from this Consultancy.	<b>NOT RESOLVED.</b> Action plans, detailed delivery plans and certain reports are past due. <b>RESOLVED</b> Draft report has submitted to PMU	
 <b>IssueQPR15-3: DDCS&amp;PMS Consultants do not meet all tasks of LAP preparation as per contract</b>	The Consultants should prepare a detailed action plan that is time-bound to meet the LAP-related part of their scope of work. LAP preparation generally involves the following:	<b>PARTIALLY RESOLVED.</b> Progress in getting this started. <b>RESOLVED</b> Work progress is going smoothly.	




Issues	Recommendation in brief	Status Update	Follow-up Actions
	Multiple location-wise Land Management data; Digital representation of cadastral maps & revenue maps with the plot number; Central Repository of all the land related data, Owner details etc.; Pictorial representation of Land Map on Satellite image / Google map; Viewing of daily Land Acquisition status on color coded thematic map; Land Cost Estimation, Calculation & Payment to the Land owner; and others.		
<b>from QPR14</b>			
<b>IssueQPR14-1: Package 03 LAP/RAP will be obsolete unless the works are started promptly</b>	<ul style="list-style-type: none"> <li>▪ BWDB should take steps to get the works underway as soon as possible.</li> </ul>	<p><b>IN PROCESS</b></p> <p>While it has been decided that Package 3 will not be part of Phase 1, a project must be developed without delay. BWDB and World Bank have agreed to issue REOI in November 2019.</p> <p><b>RESOLVED</b></p>	BWDB to take the lead.
<b>from QPR13</b>			
 <b>IssueQPR13-1: Decision is Needed on Project Restructuring and Additional Financing if Pkg 02 Land Acquisition is to be Completed and Pkg 03 is to Proceed</b>	<ul style="list-style-type: none"> <li>▪ World Bank and BWDB to revise DPP and restructure the project as required</li> </ul>	<p><b>RESOLVED</b></p> <p>While it has been decided that Package 3 will not be part of Phase 1, additional funds are still required to complete the land acquisition of Package 02. RDPP approved.</p>	
<b>from QPR12</b>			
 <b>IssueQPR12-1: Package 02 Contractor physical progress is weak.</b>	Resource-based detailed modular planning is required and Package 02 Contractor's senior management must continue to be engaged by DDCS&PMS Consultant and PMU.	<p><b>NOT YET RESOLVED</b></p> <p>Current Progress of Pkg 02 Contractor's work stands at about 52.14% against the target of 67.09% as per the revised target</p> <p><b>RESOLVED</b></p> <p>As of 31 July 2022, Package 2 progress is 83.89</p>	Close monitoring is needed from DDCS&PMS

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

Issues	Recommendation in brief	Status Update	Follow-up Actions
 <b>IssueQPR12-2: Nalian Dam Work Is Now Urgent.</b>	Pkg 01 Contractor has deferred work on Nalian Dam for two years. There is serious weakness in the ring dyke at the site of the Nalian Dam due to the hydrodynamic forces and its failure is increasingly likely. Construction cannot be deferred another year, without costly rehabilitation of the ring dyke to buy time so it should proceed immediately.	<b>RESOLVED</b> 90% of total work is done. Progress is slow. It should have been finished by June 2020	
<b>from QPR9</b>			
 <b>IssueQPR9-1: Functionality of PAVCs, PRACs and GRCs is At Risk.</b>	Simply due to the lack of honoraria or allowance, committees that are critical to the Project are not well functioning and are at risk of losing the interest of participants. Participation in these committees represents additional duty and requires extra effort and expense for travel, which is not compensated. It is recommended that the BWDB and DDCS&PMS Consultants meet to devise a solution. The Consultants are responsible for RAP implementation, but the ToR does not specifically address this matter.	<b>RESOLVED</b> By default	1. PMU office has to create budget allocation for honoraria or allowance of all committees.
<b>from QPR8</b>			
 <b>IssueQPR8-1: Package 01 Work Program is not credible without the underpinning detail</b>	DDCS&PMS Consultant to assist the Package 01 contractor to build up their resource-based work plan from detailed plans and then encourage the Contractor to use these plans to monitor progress and address delays on a weekly basis.	<b>RESOLVED, though level of detail could be improved.</b>  Work Programme was submitted and subsequently accepted on 26 August 2018	
 <b>Issue QPR8-2: Package 02 EPs Awareness of RAP Provisions is Inadequate</b>	The DDCS&PMS Consultant should appoint sufficient numbers of RAP team staff to Package 02 polders and ensure full coverage and disclosure of all the important information. The tools (such as Bengali language pamphlets) have already been developed for Package 01, so this is simply a matter of staff allocation. Number of FGD meetings to be increased and held regularly during these months as release of compensation payments nears. Also, PRACs should be formed and made functional without delay.	<b>PARTIALLY RESOLVED.</b>  FGD meetings have increased and compensation payments have begun	
<b>from QPR7</b>			
 <b>IssueQPR7-1:</b>	An interim Team Leader is currently	<b>RESOLVED</b>	Replacement staff





Issues	Recommendation in brief	Status Update	Follow-up Actions
<b>Upcoming Absence of Supervision Consultant's Top Three Key Staff - Team Leader and Resident Engineers for Package 1 &amp; 2</b>	in place, and the replacement has been accepted by World Bank and recommended to MoWR. RE for Package 01 and RE for Package 02 continue to be vacant. Qualified replacements must be identified and approved without delay.	DDCS&PMS Consultants proposed replacements for these three positions. All 3 (three) positions have been approved by competent authority. The new Team Leader joined, but RE did not join due to health reason.	have been approved and were in place. (However, see update in QPR#16.)
<b>Issue QPR7-2: RAP Irregularities Have Been Alleged so Systems Must be Strengthened</b>	<p>The DDCS&amp;PMS Consultant may look into the matter diligently and also make sure that systems and procedures of the RAP Implementation Consultants and DDCS&amp;PMSC are strengthened for proper targeting, better oversight and greater transparency. For example:</p> <ul style="list-style-type: none"> <li>• EPs should receive advance notice of their compensation to be paid with detailed breakdown of the basis of calculating payment (square footage, type of structure, material of the structure, etc.);</li> <li>• The PAVC rates should be public knowledge and widely disseminated</li> <li>• EPs should continue to be clearly informed that they are not obligated to make any payment to FGD president or anyone else in order to receive their entitlement</li> </ul>	<p><b>Status of Investigation – NOT KNOWN.</b></p> <p><b>Status of Improved Information Flows to EPs – NOT RESOLVED.</b></p>	May be investigated by DDCS&PMSC and system improvements enacted. Steps taken may be communicated.
<b>from QPR6</b>			
<b>👍 Issue QPR6-1: River Bank Protection Works Need Urgent Attention and Additional Resources</b>	Some of these works are already foreseen and budgeted in Works Package 01, but additional BPW with estimated cost of about \$80m are reported to be needed in the four polders as well. This has been subdivided into two roughly equal groups – those that are essential and those that would be useful. An economic analysis should be undertaken to examine best options/designs and value engineering done, source of funds to be arranged and procurement to proceed on an urgent basis.	<b>RESOLVED.</b> <b>Revised length is 4.25 km. 4.15 km is completed. Rest 0.1 km need to complete as early as possible</b>	Close monitoring is needed from DDCS&PMS
<b>👍 Issue QPR6-2: Engineer Needs to</b>	With the signing of the works contract for Package W-02, the	<b>RESOLVED</b>	The DDCS&PMSC and PMU need to





Issues	Recommendation in brief	Status Update	Follow-up Actions
<b>Deploy Additional Site Staff</b>	Engineer will need to deploy additional site staff in parallel with their mobilization. The DDCS&PMS Consultants have submitted a request for budget re-allocation for this purpose to the PMU.		agree on the contractual aspects so that additional site staff can be deployed on time.
<b>from QPR5</b>			
 <b>Issue QPR5-1: Specifications Need Heightened Attention - In Particular Specifications 9.1 to 9.5 Dewatering of Subsurface and Surface Water</b>	A dewatering plan needs to be developed based on know-how of the local conditions. Properly executed pumping tests and relevant geo-technical survey would provide such know-how which is needed in a timely fashion. The DDCS&PMSC may need to provide added attention and assistance to the Contractor to ensure compliance with specifications and timely completion of the foundation and other works before the monsoon.	<b>RESOLVED</b>  While the first sand piling activities produced flooding of the excavated foundation of DS 1 of Polder 35/3, the DDCS&PMSC has worked closely with the Package 01 Contractor to put in place a dewatering plan and also to undertake the needed surveys at all future DS sites.	To be monitored.
<b>Issue QPR5-2: Better Planning to be Achieved in Work Program for Package 02</b>	The DDCS&PMSC is to provide the Contractor with advice on time and equipment requirements of the aggregated work items. This information should form the basis for developing work break down structure and modular schedules for each of the BoQ items which could be aggregated as per the experiences under Works Package 01. Subsequently the Contractor is to subdivide works per polder into sections and develop work programs for each section. These sectional work programs would be aggregated to a realistic and final GCC 8.3 Programme. Next the work program should incorporate resettlement requirements and associated temporary hindrances. The work program should be prioritized accordingly and incorporating the schedules and risks of the resettlement program.	<b>PARTIALLY RESOLVED</b>  Work Programme details submitted and reviewed by DDCS&PMSC.	Work breakdown structure for typical sections and items of work to be developed.
 <b>Issue QPR5-3: Embankment Seepage May Be Exacerbated by Adjacent Fish Ponds</b>	The design should consider appropriate measures on the country side of the dyke if a pond has encroached near to the country side toe. This may include compaction and earthworks on the country side slope. In this way excessive seepage through the dyke is to be prevented.	<b>RESOLVED</b> <b>No seepage found during later field visits.</b>	1. May be investigated by DDCS&PMSC 2. DDCS&PMS has to supervise closely.
 <b>Issue QPR5-4:</b>	The DDCS&PMSC should review the afforestation needs (there seems to	<b>RESOLVED.</b> Agreements have been signed	CQS method of procurement is



Issues	Recommendation in brief	Status Update	Follow-up Actions
<b>Review and Timeliness of Afforestation</b>	be a potentially useful additional site in the vicinity of the cyclone shelter of polder 33). The NGO responsible for the afforestation effort under the project should be contracted as soon as possible.	with BFD in some districts in late 2018. Plantation is going on and BFD has given plan for 2019-20.	being used to expedite procurement of NGOs. Afforestation is being cut from TOR of NGOs and shifted to BFD.
<b>Issue QPR5-5: Need for Project Implementation Manual / Updating and Completion of Method Statements</b>	<p>The contractor has provided a general description of methods on 22 April, 2016 but these do not reflect any re-survey. The method statement lists technical work steps but does not include aspects of measurements as basis for final billing. Further, method statements on dewatering, sand piling, sheet piling and other works have not yet been completed.</p> <p>The DDCS&amp;PMSC should work with the Contractor to finalize method statements for the different works required. These statements should include methods of measurements as basis for billing and should identify work steps in a work break down structure. Overall method statements should be consolidated in a Contract specific (or overall) Project Implementation Manual.</p>	<b>PARTIALLY RESOLVED</b>	
<b>Issue QPR5-6: Micro-level Planning / Monitoring Requires Strengthening</b>	Over time, micro-level planning in line with detailed work breakdown structures (WBS) would improve as experience would enhance knowledge of time requirements etc.	<b>NO EVIDENCE</b>	Contractors to prepare these plans with guidance of DDCS&PMS Consultants.
<b>Issue QPR5-7: Early Prioritization of LA/Resettlement Concerns Is Needed</b>	Certain cases of LA are more complicated due to various reasons such as lack of official title. The Consultants should review the time and effort required for processing particular LA/resettlement concerns and give early attention to those which proved most difficult to resolve in the past for.	<b>PARTIALLY RESOLVED</b>  DDCS&PMS Consultant's RAP Team is adapting based on lessons, but a systematic review has not been provided.	
<b>from QPR4</b>			
<b>Issue QPR4-1: Land Acquisition Cost Has Increased Dramatically</b>	World Bank and GoB may consider and formally agree on the budget re-appropriation and financing to meet the increased land acquisition costs. The GoB has passed a law that compensation for land shall be at 3x market value, w.e.f. 01 July 2017. This will affect Package 02 cost.	<b>RESOLVED</b> The World Bank and GoB have agreed to re-structure CEIP-1 and provide the needed funds. RDPP approved.	Get approval for revised DPP and World Bank approval for restructuring that includes adequate resources for LA.

Issues	Recommendation in brief	Status Update	Follow-up Actions
<p> <b>Issue QPR4-2: Delay in Signing of Contract for Works Package 02</b></p>	<p>World Bank and GoB agree on way forward, given shortfall in land acquisition budget.</p>	<p><b>RESOLVED</b> Notice of Award issued and contract signing proceeded with a proviso that full works on two polders will depend on obtaining LA financing.</p>	
<p><b>Issue QPR4-3: Relocation Planning and Assistance to be Improved</b></p>	<ol style="list-style-type: none"> <li>1. The DDSC&amp;PMS Consultants (through their RAP team) should develop a tally of each and every PAH as to where they are moving, whether temporary or permanent, etc. and verify this information.</li> <li>2. PRAC should begin to function immediately and be given an orientation by DDSC&amp;PMS Consultants and PMU's Senior Social Specialist as to their mandate and operation guidelines and some logistic support provided so they can execute their responsibilities. Make sure that the PRAC for Package 02 is operational before the resettlement process advances to relocation stage.</li> <li>3. DDSC&amp;PMS Consultant and the PRACs should monitor and report any cases where squatters are having difficulty identifying a place to relocate.</li> <li>4. EPs to be informed in advance of the total estimated amount of compensation they are to receive under the entitlement framework specified by the RAP and not left to guess how much they will get until the day they receive their check. Such advance information would allow the EPs to know how much they have to work with when looking for a new place to live.</li> <li>5. Group relocation needs to come with civic amenities.</li> </ol>	<ol style="list-style-type: none"> <li>1. <b>RESOLVED</b></li> <li>2. <b>PARTIALLY RESOLVED as Package 01 PRACs have convened, yet functionality to be improved.</b></li> <li>3. <b>IN PROCESS</b></li> <li>4. <b>AGREED, BUT NOT YET IMPLEMENTED.</b></li> <li>5. <b>PARTIALLY RESOLVED</b> Group relocation area has been isolated due to access road in polder 32, 33, 35/1 in package 1 and 48 in package 2</li> </ol> <p>Partially RESOLVED As of 30 June 2022</p>	<ol style="list-style-type: none"> <li>1. To be followed going forward</li> <li>2. PRACs need to convene and some modest honorarium is required.</li> <li>3. To be followed going forward</li> <li>4. To be implemented by RAP Consultants and/or PMU and reported.</li> <li>5. DDSC&amp;PMS to take action to achieve their civic amenities.</li> </ol>
<p><b>Issue QPR4-4: Livelihood Restoration Program Needs Attention</b></p>	<p>There is no plan for the livelihood restoration program. The DDSC&amp;PMSC should develop a training program and oversee its implementation. A needs assessment must be conducted of each PAH, taking into account their skills, resources, risk tolerance, desires and business/ livelihood opportunities at the sites/ locations where they are relocating. Then a relevant training program (having relevant tailored</p>	<p><b>NOT RESOLVED</b> Based on assessment survey for livelihood by DDSC&amp;PMS, PMU has prepared report on livelihood restoration and submitted to World Bank for review. The finding is 5% EPs livelihood have gone downward. In principle, PMU has agreed to pay to the effected EPs. <b>RESOLVED</b></p>	<p>DDSC&amp;PMSC to report on the actions it is taking. The Consultants are responsible for implementing the RAP and, per their TOR, the RAP includes "...[an] implementation schedule including timelines for land</p>

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

Issues	Recommendation in brief	Status Update	Follow-up Actions
	content, sequencing of a series of topics, and refresher trainings) must be developed and delivered with outcome-based targets. The training should commence prior to relocation and continue afterwards.	As of 30 June 2022,	acquisition milestones, relocation and <b>livelihood restoration</b> of PAPs....” PMU to take action.
 <b>Issue QPR4-5: PMU Team Needs Assistance</b>	All the required PMU staff should be recruited.	<b>RESOLVED</b> 13 of 14 individual consultants for PMU are in place. In addition, Deputy PD has been recruited.	
<b>Issue QPR4-6: Environmental Monitoring Capability Must be Strengthened Further</b>	<ol style="list-style-type: none"> <li>1. Environmental monitoring and mitigation training must involve a series of sessions. The training program must be developed and implemented without delay since the 2016/2017 construction season has commenced in late September.</li> <li>2. As already recommended by the DDCS&amp;PMS Consultants, the Contractor should appoint at least one Environmental Officer and polder-wise environmental monitors should be in place that carry no other responsibility.</li> </ol>	<ol style="list-style-type: none"> <li>1. <b>RESOLVED</b> The training program has not been laid out, though training is taking place.</li> <li>2. <b>PARTIALLY RESOLVED</b> One Environmental Officer has been appointed, but the polder-wise environmental staff carry additional (non-environmental) duties.</li> </ol>	Training program (plan) to be outlined. Polder-level environmental staff to be monitored as to effectiveness. Though training is taking place which are on job but formal/ classroom-based training should be conducted both by the Environmental Specialists of DDCS&PMS Consultants & PMU.
<b>Issue QPR4-7: Preparation of CEIP-Phase 2 Should Commence Soon Given the Serious Need</b>	Since project preparation and appraisal takes a substantial amount of time and the need for embankment improvement in the coastal polders is apparent, it is recommended that the World Bank and GoB begin planning for the preparation of CEIP-2 as soon as practically possible.	<ol style="list-style-type: none"> <li>1.<b>RESOLVED</b> The new Procurement Plan prepared in the quarter ending 31 March 2017 projects TOR preparation for August 2017. DDCS&amp;PMS Consultants preparing background material for Phase 2.</li> <li>2.<b>PARTIALLY RESOLVED</b> Recruitment of Consulting service is under evaluation process – 3 firms have submitted the proposal</li> </ol>	
<b>from QPR3</b>			
 <b>IssueQPR3-1: Security is a Growing Concern</b>	The security situation in Bangladesh has not directly affected the works or services as of this time, but judgment and caution must be exercised for any travel within the country. Signage at campsites may be made inconspicuous. Consultants and Contractors may wish to develop and	<b>RESOLVED for now, but CAUTION required.</b> The Contractor has actually suggested they wish to avoid erecting certain signboards at campsites so that the presence of foreigners is not so conspicuous.	Security risks should continue to be monitored as they could constrain field activities of international staff. Police guards at

Issues	Recommendation in brief	Status Update	Follow-up Actions
	put in place a security plan for their Dhaka staff and field staff.	PD has written to the police in the project area and they have standing orders to accompany staff to the field when requested. The building in Dhaka where the DDCS&PMSC hold office has been guarded by armed police since August 2016.	the Dhaka office of the Consultants should be maintained through 2017.
 <b>IssueQPR3-2: Equipment Mobilized on Contract W-01 is Inadequate</b>	Given that the monsoon season precludes earthwork, the Contractor should use this season to fully equip its operation so that work can begin without delay and in earnest in October.	<b>RESOLVED.</b> UPDATE (30 Sep 2018): Due to the acceptance of the revised Work Program, the equipment in hand may well suffice.	If required, additional equipment should be procured or rented immediately.
<b>from QPR2</b>			
 <b>IssueQPR2-1: Overall Reporting System Needs Attention and Improvement</b>	Reports should be submitted on time by all consultants, otherwise this consolidated report will be delayed or incomplete. It is essential that reports segregate current period accomplishments and activities from cumulative numbers and compare monthly/ quarterly progress against monthly/quarterly plans. Explanations of deviations from plan should be provided.	<b>RESOLVED.</b> The M&E Consultants and PMU have provided guidance on the content and presentation of reports and continue to work with the DDCS&PMS Consultants in a collegial manner. Report content continues to improve and is now at a very good standard. Reports continue to be late, however.	DDCS&PMS Consultant reports have improved in segregating activities and accomplishments by quarter, showing plans, being more succinct and graphic. Timeliness has improved since 2019.
 <b>IssueQPR2-2: DPP (GoB Authorizing Document) and Loan Agreement Amount Requires Amendment</b>	The project is now estimated to cost more than planned due to a number of reasons – higher land acquisition costs, additional bank protection works, additional consultancy costs, and increased taxes. Also, the USD/SDR exchange rate has changed resulting in a budget shortfall of at least \$27 million. A DPP revision should be prepared without delay capturing whatever changes are required utilizing savings from the elimination of package 03.	<b>RESOLVED</b> Final Revised DPP has been prepared and submitted to GoB in September 2020 that takes CEIP-1 through June 2022. It has been approved. Earlier, in September 2017, a proposal for DPP revision was prepared in and shared with the World Bank. It did not cover all cost increase areas, but focused on additional Bank Protection Works and increased Land Acquisition costs.	
 <b>Issue QPR2-3: JVS on Polder 35/1 and Land Valuation in Package 01 Appears Stalled</b>	BWDB may request the DC to give priority to completing (i) the compensation rates for non-titled PAPs and thus enable updating of the RAP, payment calculations and issuance of checks by the PD, and (ii) the JVS of Polder 35/1.	<b>RESOLVED.</b> JVS for remaining section of Polder 35/1 completed in September 2016.	

Issues	Recommendation in brief	Status Update	Follow-up Actions
<p> <b>Issue QPR2-4:</b> <b>There may not be a consistently systematic approach to document processing and control</b></p>	<p>Each survey or technical report needs submission through a formal process. Copy should be provided to IPOE and the M&amp;E Consultant. A table of reports and review status should be provided by the DDCS&amp;PMS Consultants at the end of every quarter.</p>	<p><b>ESSENTIALLY RESOLVED.</b> Improvement is noted as technical reports are generally being submitted to PMU and M&amp;E Consultant. A table of reports is being provided by DDCS&amp;PMSC.</p>	<p>DDCS&amp;PMSC will consistently follow the recommendation.</p>
<p> <b>Issue QPR2-5:</b> <b>Measure of physical progress needs to be developed</b></p>	<p>Currently, the S-curve presented in the DDCS&amp;PMSC reports shows cumulative physical progress (actual versus planned) only in financial terms. De facto, this will always show physical progress ahead of financial disbursement and will not provide any alert as to potential cost overrun. A weighting of physical progress is required, building up from the BOQ elements and not directly related to the cost of these items. The DDCS&amp;PMS Consultants to propose an approach and meet with PMU and M&amp;E Consultants to discuss and finalize.</p>	<p><b>RESOLVED.</b> DDCS&amp;PMS Consultant has prepared and adopted a percent progress formula for embankment works that is based on physical works.</p>	<p>DDCS&amp;PMSC to propose methodology and organize a meeting with PMU, IPOE and M&amp;E to finalize the weighting of physical elements of the works.</p>
<p><b>Issue QPR2-6:</b> <b>Environmental Concerns may need attention – mitigation for fish migration</b></p>	<p>DDCS&amp;PMSC to study the question and inform their plans for satisfying the require-ment 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><b>PARTIALLY RESOLVED.</b> M&amp;E Consultants met with the Fisheries Expert of DDCS&amp;PMSC to elaborate the concern and provide guidance.</p>	<p>DDCS&amp;PMSC to explain options and make their recommendations to PMU. DDCS&amp;PMSC and PMU to monitor the fish migration issues with the relevant structures from design level to construction level.</p>
<p><b>Issue QPR2-7:</b> <b>Periodic Environmental Reports Required</b></p>	<p>DDCS&amp;PMS Consultants to prepare Environ-mental 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><b>RESOLVED.</b> PMU, M&amp;E Consultants and World Bank have provided some guidance on the content of various environmental reports.</p>	
<p><b>Issue QPR2-8:</b> <b>Recently Procured Project Vehicles Have Not Been Assigned to the Field</b></p>	<p>It is observed that none of the 11 project vehicles recently procured by PMU and delivered to the project have been allocated to the field. While currently the vehicles provided by the Contractor for PMU field staff appear to be adequate, the works have barely gotten underway. Procurement of a</p>	<p><b>RESOLVED.</b> Vehicle availability is assured. 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>	

Issues	Recommendation in brief	Status Update	Follow-up Actions
	few more vehicles is planned and it is recommended these vehicles be made available to the implementation staff in the field offices as the field work will soon intensify.		
<b>Issue QPR2-9: Construction Supervision Systems to be Strengthened</b>	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.	<b>PARTIALLY RESOLVED.</b> DDCS&PMS Consultants continue to elaborate and improve their systems.	DDCS&PMS Consultants will report on the status of their systems by system element in their monthly and quarterly reports.
<b>Issue QPR2-10: Capacity Building and Independent Advice Needed for PMU/BWDB in FIDIC and Contract/Claims Management</b>	The PMU staff, and BWDB more generally, are not conversant with FIDIC Conditions of Contract, Contract Management and Claims Avoidance/ Management. While Consultants have been hired to serve as Engineer, the Owner needs to understand the roles, authorities and responsibilities of each party in order to effectively manage the Project. Training may be provided and would be of great use given the upcoming award of two additional large construction contracts under CEIP-1. Currently, the PMU has no in-house expertise for advice on contract issues. With respect to advice on contract issues, the PMU should recruit an independent specialist for this purpose.	<b>PARTIALLY RESOLVED.</b> The World Bank, during its June 2016 mission, signaled its willingness to consider whatever support PMU might need. The WB provided an experience-sharing opportunity in the first week of October 2016 for the PD CEIP-1 with other PDs. Another FIDIC overview was offered by the WB in April 2018. The DDCS&PMSC who also has the responsibility to provide project management support to the Client may be tapped for some capacity building on-the-job. The M&E Consultants could provide such expertise, with an amendment to the ToR and resources.	PD to decide on appropriate option to pursue in consultation with the BWDB, Ministry and then World Bank.
<b>from QPR1</b>			
<b>Issue QPR1-1: Physical Progress on Works Package W-01 is in danger of being delayed.</b>	i. Contractor to hire equipment until their own equipment is available. 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.	<b>i. RESOLVED</b> <b>ii. RESOLVED</b> i. The Contractor complied after delay and only after replacement of the PM. ii. Complied	DDCS&PMSC should continue to review adequacy of equipment available at site especially for Works Package 2.
<b>Issue QPR1-2:</b>	i. Contractor should bring in	<b>i. RESOLVED</b>	Consider requiring



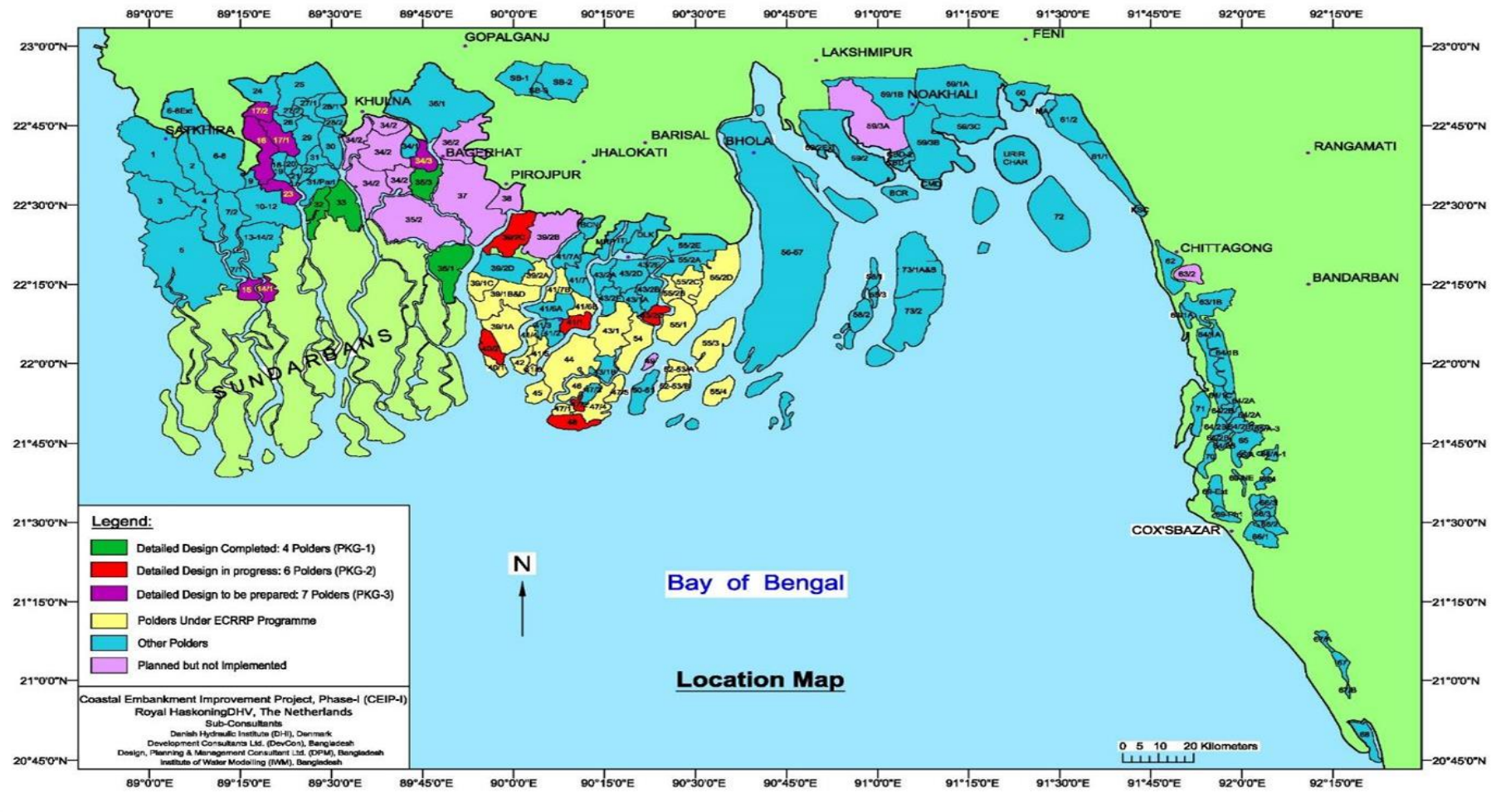
Issues	Recommendation in brief	Status Update	Follow-up Actions
<b>Contractor for Works Package W-01 has a limited ability to communicate due to language barrier.</b>	<p>additional bilingual (Chinese-English) staff or make interpreters available.</p> <p>ii. The Contractor may also bring in a qualified Bengali sub-contractor to assist not only with works, but with communication and cultural understanding.</p>	<p><b>ii. RESOLVED</b></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>communication as an explicit part of bid requirement for Package 03.</p>
<b>Issue QPR1-3: Procurement of Works Contractors by ICB has failed to attract broad international interest</b>	<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><b>i. RESOLVED.</b></p> <p><b>ii. NOT RESOLVED.</b></p> <p><b>iii. RESOLVED.</b></p> <p>i. DDCS&amp;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>Procurement completed for all packages.</p>
<b>Issue QPR1-4: LAP and RAP and the compensation payments must be expedited so that work sites can be handed over to the Contractor</b>	<p>i. Appointment of PAVC members must be completed quickly.</p> <p>ii. PAVC must finalize the compensation rates for various types of losses without delay.</p> <p>iii. Handing over of the sites to the contractor should be done in sections as areas become fully unencumbered.</p> <p>The DDCS&amp;PMSC/RAP Consultants will have to maintain a calendar projecting when certain sections of the embankments will be free of hindrances to allow the Contractor to plan their works.</p>	<p><b>i. RESOLVED FOR PKG 01 and PKG 02</b></p> <p><b>ii. RESOLVED FOR PKG 01 and most of PKG 02</b></p> <p><b>iii. PARTIALLY RESOLVED</b></p> <p>i. PAVC appointed for Package 01 in December 2015 and for Package 02 in 2017.</p> <p>ii. Rates for various assets set by PAVC. Land valuations are now done for Package 01 and for 4 polders of Pkg 02.</p> <p>iii. M&amp;E Consultant has requested DSC for a detailed risk assessment approach. Accordingly, they have prepared a section-wise approach to construction planning. The DDCS &amp;PMSC are to provide LA requirement details for each of the works items separately so as to better assess risks.</p> <p><b>IN PROGRESS</b></p> <p>Due to erosion in some places, new land must be acquired for retired embankments of Package 01. It will be a challenge to handover these 14.5 hectares of land to the contractor because compensation will have to be paid by DC office.</p> <p>RESOLVED</p>	<p>PAVC members for Package 02 may be appointed and begin their work without delay.</p> <p>System for tracking unencumbered sections by way of a calendar yet to be developed.</p> <p>DDCS&amp;PMS to take immediate action to achieve the target and PMU may follow up to DC office to get land before beginning of dry season 2019/20.</p>

Issues	Recommendation in brief	Status Update	Follow-up Actions
		As of 30 June 2022 RAP – PKG 01: Done LAP – PKG 01: Proper document of EPs payment done. RAP – PKG 2: Progress satisfactory LAP – PKG 2: Work in progress	
<b>Issue QPR1-5: Recruitment of NGOs and Additional PMU Staff is to be phased in during the next two quarters</b>	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.	<b>RESOLVED</b> Recruitment and procurement process had taken much time. 13 of 14 individual consultants have been recruited. Deputy PD position vacant.	
<b>Issue QPR1-6: The M&amp;E Consultants will be required to expend additional resources given the need for multiple baselines and large sample required</b>	The M&E Consultants to prepare a detailed justification for the additional resources required and submit to BWDB and World Bank for approval.	<b>RESOLVED</b> A preliminary draft justification has been shared with PMU, followed by a proposal. Finally, the M&E Consultants have managed to meet requirements within existing budget.	
<b>Issue QPR1-7: Reporting Formats of implementing partners do not consistently provide needed information</b>	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.	<b>ESSENTIALLY RESOLVED</b> DDCS&PMSC have substantially and progressively improved their monthly progress reporting over time.	

## ANNEXES

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

### Annex 1 Map of the Project Area



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

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	Symnagor	Satkira	3,441	2,925	30.78	5	-	40	4.00	31,788
3	16	Paikgacha, Tala, Dumuria	Satkira, Khulna	10,445	8,102	45.00	12	31	21	3.00	118,616
4	17/1	Dumuria	Khulna	5,020	4,000	38.50	11	0	43	3.50	23,919
5	17/2	Dumuria	Khulna	3,400	2,700	11.00	6	0	21	3.50	34,070
6	23	Paikgacha	Khulna	5,910	4,872	37.00	11	39	36	3.30	23,888
7	32	Dacope	Khulna	8,097	6,500	49.50	16	35	45	3.75	38,397
8	33	Dacope	Khulna	8,600	7,600	52.50	13	19	100	3.80	62,305
9	34/3	Bagerhat	Bagerhat	3,656	2,930	16.75	3	6	35	2.80	65,399
10	35/1	Sharankhola, Morelgonj	Bagerhat	13,058	10,700	62.50	14	25	56	4.35	99,182
11	35/3	Bagerhat Sadar, Rampal	Bagerhat	6,790	5,090	40.05	4	11	75	2.70	31,075
12	39/2C	Matbaria, Bhandaria	Pirojpur	10,748	8,500	59.25	-	4	57	2.50	84,853
13	40/2	Pathargatha	Barguna	4,453	3,300	35.58	12	21	50	4.30	41,317
14	41/1	Barguna Sadar	Barguna	4,048	3,440	33.81	6	28	84	4.00	41,051
15	43/2C	Galachipa	Patuakhali	2,753	2,000	25.70	6	16	24	4.00	14,851
16	47/2	Kalapara	Patuakhali	2,065	1,850	17.55	3	6	30	4.25	5,411
17	48	Kalapara	Patuakhali	5,400	3,715	37.88	8	3	45	5.30	26,260
				<b>100,817</b>	<b>80,574</b>	<b>624</b>	<b>134</b>	<b>244</b>	<b>792</b>		<b>762,960</b>

Source: Project Appraisal Document 2013

**Annex 3: Overview of PMU Staff**

PMU Office Mobilization &amp; Contact Numbers

PABX-9899320,

9899373

Fax: +88-02-9899325

**PMU Staff**

Sl	Designation	Name of Persons	First Mobilization Date	Mobile Number
1	Project Director	Syed Hasan Imam, PEng.	January 2021	01720 - 015064
	Project Director	Dr. Md. Mizanur Rahman	February 2020	
	Project Director	Mr. Akhil Kumar Biswas	20 Jan 20	01716-362472
	Project Director	Mr. Md. Habibur Rahman	29 Jan 18	01745-650854
	Project Director	Mr. Md. Delwar Hossain	09 Feb 16	01745-650854
	Project Director (former)	Mr. Md. Sarafat Hossain Khan	Nov 2013	01715-038519
2	Deputy Project Director			
5	Executive Engineer	Mohammad Samiul Hoque		0172-6233262
	Project Manager/Executive Engineer Khulna	Mr. Md. Abdul Hannan	Vacant	01712-101250
6	Project Manager/Executive Engineer Bagerhat	Mr. Mashiur Rahman	Apr-Jun 2017	
7	Deputy Director (Accounts)	A.M.M Farid Uddin Chowdhury		01711-370421
	Additional Director (Account)	Mr. Md. Kabir Ahmed		01712-062333
8	Deputy Director (Audit)	Vacant		
	Sub Divisional Engineer (former)	Mr. Md. Safiqul Islam Sheikh		01734-601836
	Sub Divisional Engineer (former)	Mr. Md. Rezaul Karim		01868-555198
	Sub Divisional Engineer	Mr. Md. Abdullah Al Mamun		01727-002788 01715-145975
9	Assistant Engineer	Md. Salauddin		+88-029899373
	Assistant Engineer	Mr. Md. Samiul Hoque	01 Feb 16	0172-6233262
10	Assistant Engineer	Mr. Md. Mustafizur Rahman	10 Nov 16	0171-5418687
11	Sub Assistant Engineer	Md. Moyez Uddin		
	Sub Assistant Engineer (former)	Mr. Biplob Kumar Gun		01715-007621
12	Sub Assistant Engineer	Mr. Md. Kabirul Islam	16 Feb 14	01711-943281
13	Accountant	Mr. Md. Badarudduza	24 Mar 14	0174-9044491
14	Cashier	Mr. Md. Kajal Hawlader	27 Aug 15	0181-6223451
	Secretary	Ayesha Salam		01816-365597
15	Account Assistant	Mr. Swapan Kumar Sarker		—
16	Office Assistant Cum Computer	Md Bellal Hossain		+88-029899373
17	Office Assistant Cum Computer	Md. Jakaria Islam		—
18	Driver	Md. Rashedul Islam Rashed		—
19	Driver	Anup sewli		—
20	Driver	Md. Sumon		—
21	M.L.S.S	Md. Mohiuddin		—
22	M.L.S.S	Shimul Islam		—
23	M.L.S.S	Md. Azad Ali		—
24	M.L.S.S	Md. Alhaj Sheikh		—

Certain vacancies to be filled once the work commences in Package 02 including the following for each Bagerhat and Barguna: Sub-Divisional Engineer, Assistant Engineer, Assistant Director, Deputy Assistant Engineer, Office Assistant

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

Sl	Designation	Name of Persons	First Mobilization Date	Mobile Number
cum Computer Operator and support staff.				
	IPoE	Dr. Ainun Nishat	23 Mar 15	04478-444093 01819-228245
1.	Procurement Specialist	Mr. A.K.M Bodruddoza	21 Nov 13	01718-666946
2.	Procurement Panel Chairman (International 1)	Mr. Narayan Sharma	25 Nov 13	
3.	Procurement Panel Expert (International 2)	Mr. I.A Khan Daniel Thirion	01 Apr 15 13 Apr 13	
4.	Procurement Panel Expert (National)	Mr. Aminul Haque	25 Nov 13	01966-464646
5.	Sr. Revenue Specialist	Mr. M. A. Saleque	12 Aug 14	01199-001112
6.	Sr. Social Specialist	Mr. Mustafizur Rahman	07 Aug 17	
7.	Sr. Social Specialist	Mr. Hasanur Rahman	02 Oct 14	01712-780176
8.	Financial Management Spec.	Mr. Michael Gomes	24 Apr 17	
9.	Financial Management Spec. (former)	Mr. Nasser Ahmed	02 Mar 15	01924-274567
10	Sr. Environmental Specialist	Dr. Ashadul Alam	13 Apr 15	01747-215770
11	Environmental Specialist (Field)	Dr. Md. Towhidul Islam	29 Oct 2017	01911-493918
12	Sr. Forestry Specialist	Mr. Md. Akbar Hossain	Jul 17	01711-543475
13	IPoE Social Expert	Dr. Hafiza Khatun	Jul 2017	0177-7817001
14	IPoE Panelists (3)	Vacant		
15	Communication Officer	Kamal Najmus Salehin	Jul 2018	

**Annex 4 Project Input: Budget and Disbursements- September 2022**

Annex 4.1: Financial Progress (Expenditures) – Capital Component of the 2nd Quarter of the FY(2022-2022) [Oct-Dec 2022]

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

Major items of action	Total Project		Planned for the current FY	Progress								Achieved (%) against	
	BDT	US\$		BDT	Cumulative up to Last FY	Q-1	Q-2	Q-3	Q-4	Current FY	Cumulative up to this Qtr.	Year's Plan	Project Target
						BDT	BDT	BDT	BDT	BDT	BDT	BDT	%
<b>1. Acquisition of Assets</b>	-	-	-			-	-	-	-	-	-	-	-
1.a Equipment and goods under Comp. B, C, D (6800)	1,074.60	13,60,253	30.00	762.44	0.22	0.07				0.29	762.73	0.97%	70.98%
1.b Afforestation	3,280.00	41,51,899	800.00	1,800.00	-	-				-	1,800.00	-	54.88%
<b>2. Acquisition/Purchase of Land</b>	-	-	-			-	-	-	-	-	-	-	-
2.a Acquisition of Land (544.16 ha)	35,866.70	4,54,00,886	2,300.00	28,832.57	1,468.47	4.16				1,472.63	30,305.20	64.03%	84.49%
<b>3. Works Contract Packages 1 to 3</b>	-	-	-			-	-	-	-	-	-	-	-
3.a Construction & Re-constructions of Drainage Structures (7041)	29,052.33	3,67,75,101	8,000.00	16,800.00	-	-				-	16,800.00	-	57.83%
3.b Others (7081)	1,83,445.39	23,22,09,354	15,870.00	1,26,842.83		766.22				766.22	1,27,609.05	4.83%	69.56%
<b>4. CD &amp; SD</b>	20.00	25,316	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total Capital Component</b>	<b>2,52,739.02</b>	<b>31,99,22,809</b>	<b>27,000.00</b>	<b>1,75,037.83</b>	<b>1,468.69</b>	<b>770.45</b>				<b>2,239.14</b>	<b>1,77,276.97</b>	<b>8.293%</b>	<b>70.14%</b>

Source: IMED-05 report December, 2022 of CEIP-1



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

Annex 4.2 Financial Progress (Expenditures)

All BDT in Lakh  
Taka ("00,000)

	Major items of action	Total Project		Planned for the current FY	Progress / Achievement							Achieved (%) against	
					Cumulative up to Last FY	Q-1	Q-2	Q-3	Q-4	Current FY	Cumulative up to this Qtr	Year's Plan	Project Target
					BDT	BDT	BDT	BDT	BDT	BDT	BDT	BDT	%
1.	<b>Implementation of SAP and EMP</b>	-	-	-	-	-	-	-	-	-	-	-	-
1.a	Resettlement / Compensation Payments other than Land Acquisition	12,700.00	1,60,75,949	1000.00	10,408.32	16.82	181.75			198.57	10,606.89	19.86%	83.52%
1.b	Consultancy service to Imnlcinent (a) Social afforestation;(6) social action plan (incl. setting up WMOs)	1,987.21	25,15,456	300.00	1,374.23	-	-			-	1,374.23	-	69.15%
2.	<b>Construction Supervision, M&amp;E, Delta Monitoring</b>	-	-	-	-	-	-	-	-	-	-	-	-
2.a	Consultancy Services for Constructin Supervision & Detailed Engineering Design of remainining 12 Polder under CEIP, Phase-1	17,987.94	2,27,69,544	1847.00	15,430.06	-	161.25			161.25	15,591.31	8.73%	86.68%
2.b	Third Party Monitoring & Evaluation (M&E) of overall project implementation. RAP & EMP	3,479.77	44,04,772	500.00	2,822.15	-	-			-	2,822.15	-	81.10%
2.c	Consultancy Service for Long term monitoring, rescach of Bangladesh Coastal Zone	12,792.03	1,61,92,443	2000.00	8,561.67	-	202.50			202.50	8,764.17	10.13%	68.51%
3.	<b>Project Management, TA, Training, Strategic Studies</b>	-	-	-	-	-	-	-	-	-	-	-	-
3.a	Project management support and audits	5,329.14	67,45,747	340.00	3,360.36	8.44	18.45			26.89	3,387.25	7.91%	63.56%
3.b	Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel	100.00	1,26,582	0.00	-	-	-			-	-	-	
3.c	Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP	4,323.64	54,72,962	2000.00	1,631.38	-	-			-	1,631.38	-	
4.	<b>Overseas Training</b>	500.00	6,32,911	10.00	302.20	-	-			-	302.20	-	60.44%
5.	<b>Honourium/fees/Remuneration</b>	35.00	44,304	3.00	31.67	0.07	0.53			0.60	32.27	20.13%	92.21%
	<b>Sub-total Revenue Component</b>	<b>59,234.73</b>	<b>7,49,80,670</b>	<b>8,000.00</b>	<b>43,922.05</b>	<b>25.34</b>	<b>589.74</b>			<b>589.81</b>	<b>44,511.86</b>	<b>7.37%</b>	<b>75.14%</b>

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

Source: *IMED-05 report December, 2020 of CEIP-I*

## Annex 5 Project Input Procurement Status and Plans

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

At present there are 56 procurement items of service categories (**Packages**). Among them, 11 (eleven) consulting services **has been planned** to be contracted through firms and 45 consulting services would be recruited through individual consultant. “Procurement progress tracking” is discussed below separately: - firms and Individual Consultant (IC).

Consulting Service through Firm: Out of 11, **nine (9)** were contracted out and services are going on. **The procurement of the services under Package No. CEIP-1/D3/S23 is ongoing. Package No. CEIP-1/D2/S22 would not be required.** Detail procurement process statistics are shown in the Tables 5.1a.

Recruitment of Individual Consultant (IC): The recruitment of **23 (twenty three) Individual Consultants (IC) in different positions** is being managed through 45 contract packages. Services of **27 (twenty seven) Packages** have been completed. Procurement process of **3 Packages** was cancelled. **4 Packages (Package No..CEIP-1/D1/S17, Package No..CEIP-1/D1/S18, Package CEIP-1/D1/S24 and CEIP-1/D1/S25)** have been dropped. Recruiting of **1 package** is under process. Detailed procurement process statistics are shown in Table 5.1b.

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

**Table 5.1a: Procurement Process Tracking Report Consulting Services (Firms) as on 31December 2022**

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

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

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

SI	1									
	1a		1b		1c		1d		1e	
Description of Services	Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan		Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan		Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan		Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan		Consultancy service to Implement (a) Social action plan (incl. setting up WMOs) (b) Social afforestation and c) Integrated Pest Management Plan	
Negotiation	28-Nov-17	29-Oct-18 11-Nov-18	28-Nov-17	25-Oct-18	28-Nov-17	19-Nov-18	28-Nov-17	27-Mar-19	28-Nov-17	27-Mar-19
Notification of Intention of Award										
Contract Signature Date		24-Feb-19		24-Feb-19		24-Feb-19		2 May 2019		2 May 2019
Total days of Process (Bid Opening to Contract Signing Date)		192 days		192 days		192 days		259 days		259 days
Commencement of Services		18 Mar 19		18 Mar 19		18 Mar 19				
End of Contract (Completed)										

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

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



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

SI	2		3		4		5		6		7	
Description of Services	Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP		Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP		Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone.		Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel		Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP		Consultancy Services for conducting Internal Audit of CEIP-1	
Package No	CEIP-1/ B2,B3 & C1/S02		CEIP-I/ C2/S03		CEIP-1/ C3/S04		CEIP-1/ D2/S22		CEIP-1/ D3/S23		CEIP-1/ D1/S26	
Reference #	CEIP-1-6-SBC-CF-CEIP-1/ B2,B3 & C1/S02		CEIP-1-7-SBC-CF-CEIP-I/ C2/S03		CEIP-1-42--CF-CEIP-1/ C3/S04		CEIP-1-40-SBC-CF-CEIP-1/D2/S22		CEIP-1-41-SBC-CF-CEIP-1/D3/S23		CEIP-1/S26	
Location / District	Dhaka		Dhaka		Dhaka		Dhaka		Dhaka		Dhaka	
P.P. - Executing Agency:	2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		2014-1-BWDB-BWDB	
Method:	QBS		QBS		QBS		QBS		QBS		QCBS	
Estimated / Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual
Amount in US\$	17,290,228	17,319,577	3,302,646	3,447,175	8,602,564		909,000		5,273,000		15,400.00	
Preparation of ToR		ToR was finalized		ToR was finalized		01-Jan-15	01-Aug-17	Dropped	01-Aug-17	28-May-19	10-Jun-19	10-Jun-19
NOL on ToR							20-Aug-17		20-Aug-17	11-Jun-19	25-Jul-19	25-Jul-19
Advertisement of EoI		19-Jul-13		19-Jul-13		05-May-15	24-Aug-17	N/A	24-Aug-17	31-Dec-19	05-Au-19	05-Aug-19
Receipt of REoI		22-Aug-13		22-Aug-13		22-Jun-15	25-Sep-17	N/A	25-Sep-17	30-Jan-20	26-Aug-19	26-Aug-19
Evaluation of REoI		Evaluation done		Evaluation done		Evaluation done		N/A		18-May-20	17-Oct-19	13-Oct-19
SL submitted to WB												23-Oct-19
Shortlist gets WB NOL						18-Nov-15						
Preparation of RFP and Short List	20-Jan-14	15-Dec-13	06-Jan-14	15-Dec-13	30-Oct-14		30-Nov-17		30-Nov-17			
No Objection to RFP and Short List	03-Feb-14	28-Jan-14	03-Feb-14	20-Feb-14	20-Nov-14		14-Dec-17		14-Dec-17			
Issuance of RFP	27-Feb-14	19-Feb-14	27-Feb-14	26-Feb-14	30-Nov-14	19-Nov-15	18-Dec-17	N/A	18-Dec-17	28-Jun-20		11-Nov-19
Deadline for proposals & Bid Opening	17-Apr-14	17-Apr-14	12-May-14	08-May-14	29-Jan-15	28-Dec-15	29-Jan-18		29-Jan-18	29-Jul-20		
Technical Evaluation	19-May-14	Evaluation done	30-Jun-14	Evaluation done	31-Mar-15	31-Dec-15	26-Feb-18	N/A	26-Feb-18	15-Aug-2020		02-Mar-20
Technical Evaluation Report submitted to WB				Dec-14			26-Feb-18		26-Feb-18	27-Aug-2020		
No Objection to Technical Evaluation	09-Jun-14		21-Jul-14	Jan-15	30-Apr-15	03-Mar-16	12-Mar-18		12-Mar-18	14-Sep-2020		
Financial proposal opening				05-Apr-15		17-Apr-16	25-Mar-18		25-Mar-18	04-Oct-2020		28-June-2020
Financial evaluation and combined Tech/Fin evaluation report completed							09-Apr 18		09-Apr 18	NA		02-Jul-2020



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SI	2		3		4		5		6		7	
Description of Services	Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP		Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP		Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone.		Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel		Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP		Consultancy Services for conducting Internal Audit of CEIP-1	
Package No	CEIP-1/ B2,B3 & C1/S02		CEIP-I/ C2/S03		CEIP-1/ C3/S04		CEIP-1/ D2/S22		CEIP-1/ D3/S23		CEIP-1/ D1/S26	
Combined Evaluation Report submitted to WB							10- Apl-18		10- Apl-18	NA		NA
WB gives NOL on combined evaluation							24- Apl- 18		24- Apl- 18	NA		NA
Final Evaluation and Negotiation	07-Jul-14		25-Aug-14		28-May-15		30-Apl-18		30-Apl-18	NA		02-Jul-2020
Negotiation		21-Aug-14		09-Apr-15		29-Jan-18	07-May-18		07-May-18	20-Dec-2020		02-Jul-20 20
Negotiated draft contract sent to WB		31-Aug-14		19-Apr-15		29-Jan-18	08-May-18		08-May-18	11-Jan-2021		NA
WB gives NOL on draft contract	28-Jul-14	30-Sep-14	15-Sep-14	28-Apr-15	22-Jun-15	25-May-18	20-May-18		20-May-18	17-Jan-2021		NA
GOB Purchasing Committee (CCGP) approval				27-Aug-15		12-Sep-18	10-Jun-18		20-Jun-18			NA
Contract Signature Date	18-Aug-14	30-Dec-14	27-Oct-14	01-Oct-15	08-Sep-15	04-Oct-18	20-Jun-18		30-Jun-18	19-Jul-2021		06-Aug-2020
Total days of Process (Bid Opening to Contract Signing Date)	123	257	168	511	222		152		162	355		
Commencement of Services				01-Nov-15								
End of Contract (Completed)	30-Jun-20		30-Jun-20	30 June 2021	30-May-20	30-Jun-20	30-Jun-18		30-Jun-20			
Remarks	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.  The Consultant is on board and carrying out its assignment.		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.  The Consultant is on board and carrying out its assignment.		Tax obligation of the Consultant as per RFP, delayed the procurement process that was solved in the meeting held on September 30, 2017. Government of Bangladesh approved the Contract on recommendation of CCGP in its meeting of 12 September 2018. Contract signed on 04 October 2018.  The Consultant is on board and carrying out its assignment.		The provision of this Package is planned to use for training purposes of BWDB officer in different renowned Training Institutes in home and abroad.  The BWDB has concluded that this service would not be		Final negotiation has been done with 2nd ranked of proposal submission. Contract was signed on 19 July 2021 with 2 <sup>nd</sup> ranked.		Consultant submitted the Draft Final Report on 01-10-2020. It is now under review by the World Bank.	

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

SI	2	3	4	5	6	7
Description of Services	Consultancy Services for a) Construction Supervision & Detailed Engineering Design for remaining Polders, b) Preparation of EIA of remaining Polders and c) RAP	Third Party Monitoring & Evaluation (M&E) of overall project implementation, RAP, EIA and EMP	Consultancy Services for Long Term a Monitoring, Research and Analysis of Bangladesh Coastal Zone.	Consultancy Services for Institutional Capacity building, technical assistance and training to BWDB personnel	Consultancy Services for Feasibility studies and preparation of design for the following Phases of CEIP	Consultancy Services for conducting Internal Audit of CEIP-1
Package No	CEIP-1/ B2,B3 & C1/S02	CEIP-1/ C2/S03	CEIP-1/ C3/S04	CEIP-1/ D2/S22	CEIP-1/ D3/S23	CEIP-1/ D1/S26
				required.		

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

**Table 5.1b: Procurement Process Tracking Report Consulting Services (Individual Consultants) as on 31 December 2022...**

SI No	1		2			3		4		5	
Description of Services	International Procurement Expert (Panel)		International Technical Expert (Panel)			Procurement Expert (National) for Panel		Procurement Expert (National) for Panel		Individual Consultant as Procurement Specialist PMU (Nat'l)	
Package No	CEIP-1/ D1/S05		CEIP-1/ D1/S06			CEIP-1/ D1/S07		CEIP-1/ D1/S7-A		CEIP-1/ D1/S8	
Reference #	CEIP-1-8-IC-CI-CEIP-1/ D1/S05		CEIP-1-9-IC-CI-CEIP-1/ D1/S06			CEIP-1-10-IC-CI-CEIP-1/ D1/S07				CEIP-1-11-IC-CI-CEIP-1/ D1/S08	
Location / District	Dhaka		Dhaka			Dhaka		Dhaka		Dhaka	
P.P. - Executing Agency:	2014-1-BWDB-BWDB		2014-1-BWDB-BWDB			2014-1-BWDB-BWDB				2014-1-BWDB-BWDB	
Method:	IC		IC			IC		IC		IC	
Estimated / Actual	Estimated	Actual	Estimated	Actual 1 <sup>st</sup>	Actual 2 <sup>nd</sup>	Estimated	Actual	Estimated	Actual	Estimated	Actual
Amount in US\$	1,104,590	0.642 million	1,104,590	0.17 million	0.490 million	225,641	0.111 million; 0.134 million		0.134 million	384,295	0.121 million <sup>[4]</sup> ; 0.054 million <sup>[5]</sup>
Preparation of ToR		Both ToR & EoI Finalized		Both ToR & EoI Finalized			ToR Finalized				ToR & REoI Finalized
NOL to the TOR	14-Oct-13	27-Jul-13	31-Oct-13	31-Jul-13		31-Oct-13	11-Jun-13		25/02/2016	31-Oct-13	02-Jul-13
Advertisement of EoI		31-Jul-13		06-Aug-13			No Advertisement		N/A		28-Jul-13
Receipt of REoI		25-Aug-13		29-Aug-13			Only CV of were collected	N/A	N/A		20-Aug-13
Evaluation of REoI		Evaluated and concurred by WB		Evaluation done			Evaluated and concurred by WB	N/A	N/A		Evaluated
Shortlist submitted to WB											
Shortlist gets WB NOL											
Combined Evaluation Report submitted to WB											concurred by WB
WB gives NOL on combined evaluation											
Negotiation											
Negotiated draft contract to WB									10/04/2016		
WB gives NOL- draft contract											
Contract Signature Date	31-Dec-13	25-Nov-13	30-Jan-14	05-Mar-14	13-Apr-15	31-Dec-13	25-Nov-13		14/06/2016	31-Dec-13	23-Nov-13; 14-Mar-17; 03-May-18; 14-Jan-19
Total days of Process		92		188							93
End Date of Activity	28-Feb-17		31-Mar-18			30-Jun-18			30/06/2018		13-Jun-20
Remarks	Contract Agreement between BWDB and Mr. Narayan D. Sharma was signed on 25 Nov, 2013. Contract Agreement was sent to WB. Period of contract expired on		Original Contract with Mr. Daniel ended on March 04, 2015. He expressed his unwillingness to continue his service in CEIP-1, Bangladesh. So, fresh Contract was initiated. Fresh Contract with Mr. I.A.			Mr. M. Aminul Haque signed Contract Agreement on 25 Nov, 2013. Allotted 300 days input of Mr. Haque was consumed in October 2015.		Fresh contract for 200 days was signed on 14 June 2016 over a period of 32 (thirty-two) months [FY 2015-2016 to FY 2017-		Original Contract with Mr. A.K.M. Bodruddoza ended on 31 October 2016, but has been extended successively.	

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

SI No	1	2	3	4	5
Description of Services	International Procurement Expert (Panel)	International Technical Expert (Panel)	Procurement Expert (National) for Panel	Procurement Expert (National) for Panel	Individual Consultant as Procurement Specialist PMU (Nat'l)
Package No	CEIP-1/ D1/S05	CEIP-1/ D1/S06	CEIP-1/ D1/S07	CEIP-1/ D1/S7-A	CEIP-1/ D1/S8
	30 October 2016 which was extended up to 31 January 2017. 3rd time extension up to 28-02-2018 with increase of inputs by 50 days has been approved. Contract was completed on Feb 28, 2018	Kahn entered on April 13, 2015 and completed on April 30, 2018.		2018]. Contract was completed on June 30, 2018	

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

SI No	6	7	8	9	10	11	
Description of Services	Individual Consultant as Procurement Specialist PMU (National)- 1 No				Individual Consultant as Financial Management Specialist (National)	Individual Consultant as Financial Management Specialist (National)- 1 No	
Package No	CEIP-1/ D1/S8-A	CEIP-1/S8-B	CEIP-1/S8-C	CEIP-1/S8-D	CEIP-1/ D1/S09	CEIP-1/ D1/S9-A	
Reference #					CEIP-1-27-IC-CI-CEIP-1/D1/S09		
Location / District					Dhaka		
P.P. - Executing Agency:					2014-1-BWDB-BWDB		
Method:	IC	IC	IC	IC		IC	
Estimated / Actual	Actual	Actual	Actual	Actual	Estimated	Actual 1 <sup>st</sup> Actual 2 <sup>nd</sup>	
Amount in US\$	0.054 million	0.051 million	0.092 million	0.142 million	247,000	0.113 million 0.101 million	
Preparation of ToR				20/06/2020		Fresh REol Fresh REol	
NOL to the TOR	18/11/2016	08/11/2017	04/10/2018	25/06/2020	31-Dec-13	11-Dec-13	28/08/2019
Advertisement of EoI	Procured through SSS Basis	Procured through SSS Basis	Procured through SSS Basis	Procured through SSS Basis		03-Nov-14 16-Mar-16	N/A
Receipt of REol	N/A	N/A	N/A	N/A		01-Dec-14 14-Apr-16	N/A
Evaluation of REol	N/A	N/A	N/A	N/A		Evaluated Evaluated	N/A
Shortlist submitted to WB				N/A			
Shortlist gets WB NOL				N/A			
Combined Evaluation Report submitted to WB				N/A			
WB gives NOL on combined eval'n				N/A		by WB 13-Apr-17	
Negotiation				27-07-2020			
Negotiated draft contract to WB	13/02/2017	10/04/2018	17/12/2018	N/A			27/09/2019
WB gives NOL- draft contract				N/A			
Contract Signature Date	14/03/2017	03/05/2018	14/01/2019	31-Dec-2020	29-May-14	02-Mar-15 24-Apr-17	27/09/2019
Total days of Process (Bid Opening to Contract Signing Date)						187 375	
End Date of Activity	31/10/2017				30-Oct-19	31-Oct-19	
Remarks	Fresh contract for 12 months was signed on 14 March, 2017 with retroactive commencement date from 01 November 2016 for 1 year.	2nd contract with Mr. A.K.M. Bodruddoza for a period of 12 months commencing from 01 November 2017, was signed. Contract ended on 31 October 2018.	3rd fresh Contract with Mr. A.K.M. Bodruddoza was signed on 14-Jan-2019 for 18 months from 1-Nov-2018.	Procurement in process through Direct Selection Method. Draft Contract signed on 27-07-2020.  Signing of Contract is awaiting approval of RDPP	The original Consultant Mr. Md. Nasser Ahmed signed a Contract Agreement on 02 March, 2015 but he resigned on 29 Feb.2016. So, fresh Contract was initiated. Fresh 35 REol were received on 14 April 2016. Negotiation with 3rd ranked candidate Mr. Michael Gomes was carried out by PEC on 06 April 2017 and contract with Mr. Michael Gomes was signed on 24-04-2017. The contract ended on 29-09-2019 and recruitment of a replacement is underway.	Selected on Direct Selection Method upon WB's approval. Draft contract was signed on 09-09-2019. It was expected to sign the contract by 27-9-2019. The Consultant expressed his unwillingness on 24 Sep 2019 to work in CEIP-1, on the plea on getting better offer. This Package cancelled and other Package No..CEIP-1/D1/S9A has been created and World Bank provided NoL. But this Package ultimately dropped.	



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

SI No	12	13	14	15	16	17
Description of Services	Individual Consultant as Financial Management Specialist (National)- 1 No		Individual Consultant as Sr. Environment Specialist (PMU/Dhaka)	Individual Consultant as Sr. Environment Specialist (PIU/Dhaka)- 1 No	Individual Consultant as Sr. Environment Specialist (PIU/Dhaka)- 1 No	Individual Consultant as Sr. Environment Specialist (PIU/Dhaka)- 1 No
Package No	CEIP-1/ D1/S9A	CEIP-1/ D1/S9-B	CEIP-1/ D1/S10	CEIP-1/ D1/S10-A	CEIP-1/ D1/S10A	CEIP-1/ D1/S10-B
Reference #			CEIP-1-28-IC-CI-CEIP-1/D1/S10			
Location / District			Dhaka			
P.P. - Executing Agency:			2014-1-BWDB-BWDB			
Method:	IC	IC	IC	IC	IC	
Estimated / Actual	Estimated	Actual	Actual	Estimated	Actual	Estimated
Amount in US\$		0.045 m	0.142 million	212,000	0.101 million	0.08 million
Preparation of ToR			20/06/2020	ToR & REOI finalized		28/10/2018
NOL to the TOR		29/10/2019	25/06/2020	24-Jun-14		04/06/2018
Advertisement of EoI		N/A	25-01-2021	21-Oct-14		N/A
Receipt of REOI		15/12/2019	31-01-2021	18-Nov-14		N/A
Evaluation of REOI		22/12/2019	15-02-2021 (Exp.)	Evaluated		N/A
Shortlist submitted to WB			NA			
Shortlist gets WB NOL			NA			
Combined Evaluation Report submitted to WB			NA			
WB gives NOL on combined evaln			NA	WB concurred		
Negotiation			28-02-2021 (exp.)			
Negotiated draft contract to WB		20/02/2020				09/07/2018
WB gives NOL- draft contract			15-03-2021 (exp.)			
Contract Signature Date		23/02/2020	23-09-2021	27-Nov-14	13-Apr-15	08/10/2018
Total days of Process (Bid Opening to Contract Signing Date)					146	
End Date of Activity						
Remarks	Procurement through 3 CV Approach is in process. Due to COVID-19 situation, procurement could not be completed. Ultimately this procurement was cancelled	Procurement done through Limited Market Approach Method. Expert commenced work 30-Sep-21	Dr. Md. Asadul Alam signed contract on 13-Apr-2015 and continued upto 19-Jun-2018.	The Consultant failed to sign the contract within the final extended time up to 15 Oct 18. So, after obtaining permission from WB, fresh procurement in processes under Pkg No..CEIP-1/D1/S10A. This Pkg cancelled in STEP	Contract completed	Procurement in process through Limited Market Approach Method. Draft Contract signed on 11-10-2020. Signing of Contract is awaiting approval of RDPP Contract completed

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

SI No	18			19		20	21		22		23
Description of Services	Individual Consultant as Sr. Social Specialist (PMU/Dhaka)			Individual Consultant as Sr. Social Specialist (PIU/Dhaka)- 1 No		Individual Consultant as Sr. Social Specialist (PIU/Dhaka)- 1 No	Individual Consultant as Sr. Forestry Specialist (PMU/Dhaka)		Individual Consultant as Sr. Forestry Specialist (PIU/Dhaka)- 1 No		Individual Consultant as Sr. Forestry Specialist (PIU/Dhaka)- 1 No
Package No	CEIP-1/ D1/S11			CEIP-1/ D1/S11-A		CEIP-1/ D1/S11-B	CEIP-1/D1/S12		CEIP-1/D1/S12-A		CEIP-1/ D1/S12-B
Reference #	CEIP-1-29-IC-CI-CEIP-1/D1/S11						CEIP-1-30-IC-CI-CEIP-1/D1/S12				
Location / District	Dhaka						Dhaka				
P.P. - Executing Agency:	2014-1-BWDB-BWDB						2014-1-BWDB-BWDB				
Method:	IC			IC			IC		IC		
Estimated / Actual	Estimated	Actual 1 <sup>st</sup>	Actual 2 <sup>nd</sup>	Estimated	Actual		Estimated	Actual	Estimated	Actual	
Amount in US\$	212,000	0.0884 mio	0.0648 mio		0.041 million	0.142 million	212,000	0.083 million		0.0359 million	0.142
Preparation of ToR		ToR & REOI finalized	19-Jan-17			20/06/2020		01-Jan-17			20/06/2020
NOL to the TOR	29-Apr-14	15-Apr-14	25-Jan-17		25/07/2019	25/06/2020	29-Dec-15	12-Jan-17		03/07/2019	25/06/2020
Advertisement of EoI		21-Apr-14	14-Mar-17		N/A	03/08/2020		14-Mar-17		N/A	03/08/2020
Receipt of REoI		15-May-14	12-Apr-17		N/A	08/08/2020		12-Apr-17		N/A	08/08/2020
Evaluation of REoI		Evaluated	23-May-17		N/A	11/10//2020		23-May-17		N/A	11/10//2020
Shortlist submitted to WB						N/A					N/A
Shortlist gets WB NOL						N/A					N/A
Combined Evaluation Report submitted to WB						N/A					N/A
WB gives NOL on combined evaln		WB concurred				N/A					N/A
Negotiation						15/11/2020					15/11/2020
Negotiated draft contract to WB					06/08/2019	N/A				06/08/2019	
WB gives NOL- draft contract						N/A					
Contract Signature Date	17-Jul-14	02-Oct-14	02-Aug-17		15/09/2019	31-Jan-2021(exp.)	28-Apr-16	02-Aug-17		25/08/2019	06/09/2020
Total days of Process (Bid Opening to Contract Signing Date)		140	147					71			
End Date of Activity		03-Jan-17	19-Sep-19					01-Aug-19			
Remarks	Mr. Md. Hasanur Rahman signed a Contract Agreement on 02-Oct-2014 and resigned on 03-Jan-2017. Fresh contract was entered into with Mr. Mustafizur Rahman and the contract ended on 17-09-2019.			Selected on Direct Selection Method after obtaining WB concurrence.  Contract completed		After approval of RDPP, 2nd position of this specialist to be done soon	Contract completed		Selected on Direct Selection Method after obtaining WB's concurrence.  Contract completed.		Procurement through Limited Market Approach Method. Draft Contract signed on 15/11/2020. Contract signing awaits approval of RDPP.



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

SI No	24	25	26	27	28	29	30			
Description of Services	Individual Consultant as Communication officer (PMU/Dhaka) -1 No			Individual Consultant as Senior Revenue Officer (PMU/Dhaka)	Individual Consultant as Senior Revenue Officer (PIU/Dhaka) - 1 No					
Package No	CEIP-1/ D1/S13	CEIP-1/ D1/S13-A	CEIP-1/ D1/S14	CEIP-1/ D1/S14-A	CEIP-1/ D1/S14-B	CEIP-1/ D1/S14-C	CEIP-1/ D1/S14-D			
Reference #	CEIP-1-31-IC-CI-CEIP-1/D1/S13			CEIP-1-32-IC-CI-CEIP-1/D1/S14						
Location / District	Dhaka			Khulna						
P.P. - Executing Agency:	2014-1-BWDB-BWDB			2014-1-BWDB-BWDB						
Method:	IC			IC		IC				
Estimated / Actual	Estimated	Actual 1 <sup>st</sup> & 2 <sup>nd</sup>	Actual 3 <sup>rd</sup>	Estimated	Actual					
Amount in US\$	131,000	0.067 million	0.13 million	131,000	0.0847 million	0.0644 million	0.059 million			
Preparation of ToR		ToR & REOI finalized	20/06/2020		Prepared		20/06/2020			
NOL to the TOR	17-Aug-14		25/06/2020	23-Dec-13	22-Dec-13	19-12-16 & 28-12-16	16-05-18 & 24-05-18			
Advertisement of EoI		23-Nov-14 (1 <sup>st</sup> ); 24-Jan-16 (2 <sup>nd</sup> )	03/08/2020		30-Dec-13	N/A	N/A			
Receipt of REOI		15-May-15 (1 <sup>st</sup> ) 24-Feb-16 (2 <sup>nd</sup> )	30-Jun-17	08/08/2020	06-Feb-14	N/A	N/A			
Evaluation of REOI		Evaluated	Evaluated	11/10/2020	Evaluated	N/A	N/A			
Shortlist submitted to WB				N/A			NA			
Shortlist gets WB NOL				N/A			NA			
Combined Evaluation Report submitted to WB		concurrred by WB	concurrred by WB	N/A	concurrred by WB		NA			
WB gives NOL on combined evaluation				N/A			NA			
Negotiation			10-Apr-18	15/11/2020			11/10/2020			
Negotiated draft contract to WB				N/A		27-Apr-17	09-Jul-18			
WB gives NOL- draft contract		19-Oct-17		N/A			12-Sep-19			
Contract Signature Date	31-Dec-14	Did not take place	01-Jul-18	31-Jan-2021 (exp.)	29-May-14	12-Aug-14	10-Dec-07			
Total days of Process			366			187				
End Date of Activity			30-Jun-20			22-Dec-16				
Remarks	Two (2) EOI were received at first invitation. So, fresh EOI was invited and 6 Nos. were received on 24 Feb 2016. Contract Agree- ment between BWDB and Mr. A K M Rahmat Ali Howlader was signed on 28 March 2017. But he didn't join. Negotiation with 2nd candidate failed. So, fresh procurement was initiated through collection of CVs as per suggestions of WB. Draft Contract with 1 <sup>st</sup> ranked candidate was signed on 19 Oct 2017, but Mr.			Procurement via Limited Market Approach Method. Draft Contract signed on 15/11/2020. Signing of	Contract Agreement between BWDB and Mr. M A Saleque was signed on 12 Aug, 2014. Contract ended on 22 Dec 2016.		In order to keep continuation of the services of land acquisition and other related activities, the services of Mr. M A Saleque procured on sole source basis	Another fresh contract with Mr. M.A. Saleque on Single Source Selection (SSS) Method for a period of 15 months was signed on 25 July	Mr. M.A. Saleque was selected as fresh contract on Direct Selection Method on obtaining	Procurement in process through Limited Market Approach Method. Draft Contract signed on

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

<p>Akhtaruzzaman didn't sign the contract due to his personal problems. The 2<sup>nd</sup> ranked candidate Mr. Aktar Uddin was invited on 08 March 2018 to attend contract negotiation meeting on 14 March 2018. But he didn't attend. Consequently, on obtaining WB's concurrence, the 3<sup>rd</sup> ranked candidate Mr. Kamal Najmus Salehin was negotiated on 10 April 2018 and contract was signed on 01 July 2018. <b>Contract completed</b></p>	<p><b>Contract is awaiting approval of RDPP.</b></p>		<p>under a fresh Contract for 18 months that ended on 22-Jun-2018.</p>	<p>2018. Consultant is on board. The Contract ended on 08-10-2019</p>	<p>WB's concurrence. <b>Contract completed.</b></p>	<p><b>11/10/2020. Signing of Contract is awaiting approval of RDPP.</b></p>
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Coastal Embankment Improvement Project, Phase I (CEIP-I)

SI No	31		32	33	34		35	36	37	
Description of Services	Individual Consultant as Social Specialist/Economist (PMU/Field) - 1 No			Individual Consultant as Environment Specialist (PIU/Field)- 1 No					IPoE for Coastal Morphologist and Estuarine/Tidal Hydraulics Expert	
Package No	CEIP-1 /D1/S15		CEIP-1/ D1/S15-A	CEIP-1/ D1/S15-B	CEIP-1/ D1/S16		CEIP-1/ D1/S16-A	CEIP-1/ D1/S16-B	CEIP-1/ D1/S17	
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	
Location / District	Khulna			Khulna					Dhaka	
P.P. - Executing Agency:	2014-1-BWDB-BWDB			2014-1-BWDB-BWDB					2014-1-BWDB-BWDB	
Method:	IC		IC	IC		IC		IC		
Estimated / Actual	Estimated	Actual			Estimated	Actual			Estimated	Actual
Amount in US\$	131,000	0.0578 million	0.0257 million	0.13	131,000	0.0481 million	0.021 million	0.13	181,600	
Preparation of ToR		01-Jan-17		20/06/2020		Prepared		20/06/2020		28-Nov-16
NOL to the TOR	24-Sep-14	03-Jan-17	03-Jul-19	25/06/2020	24-Sep-14	28-Dec-16	18-Aug-19	25/06/2020	24-Sep-14	13-Dec-16
Advertisement of EoI		14-Mar-17	N/A	22/07/2020		12-Feb-17	N/A	22/07/2020		30-Jul-17
Receipt of REoI		12-Apr-17	N/A	28/07/2020		14-Mar-17	N/A	28/07/2020		14-Sep-17
Evaluation of REoI			N/A	07-09-2020			N/A	07-09-2020		
Shortlist submitted to WB				NA				NA		
Shortlist gets WB NOL				NA				NA		
Combined Evaluation Report to WB				NA		N/A		NA		
WB gives NOL on combined evaluation				NA				NA		
Negotiation				11/10/2020				11/10/2020		
Negotiated draft contract to WB			06-Aug-19	NA		07-Sep-17	18-Sep-19	NA		
WB gives NOL- draft contract				NA		05-Oct-17		NA		
Contract Signature Date	31-Dec-14	20-Jul-17	25-Aug-19	31-Dec-2020 exp	31-Dec-14	30-Oct-17	29-Oct-19	31-Dec-2020 (exp)	31-Dec-14	
Total days of Process (Bid Opening to Contract Signing Date)		100				231				
End Date of Activity	30-Jun-17	19-Jul-19			30-Jun-17	29-Oct-19			30-Jun-20	
Remarks	EoI received on 12 April 2017 and evaluated. The contract was signed on 20-Jul-17 and the contract is ended on 27-Jul-2019.		Selected on Direct Selection Method after obtaining WB's concurrence. <b>Contract completed</b>	<b>Procurement in process through Limited Market Approach Method. Draft Contract signed on 11/10/2020. Signing of Contract awaitsRDPP</b>	EoI received on 14 March 2017. Only 2 (two) applications were received. PEC in its meeting on 06 April 2017, recommended for fresh invitation. WB suggested to collect CVs through direct approach and to evaluate including the 2 EoIs received earlier. Procurement completed and the Consultant is on board from 30-Oct-2017 and Contract ended on 29-Oct-2019.		Selected on Direct Selection Method after obtaining WB's concurrence. Contract is signed on 29-10-2019 with Mr. Amir Faizal. The consultant on Board. <b>Contract completed</b>	<b>Procurement in process through Limited Market Approach Method. Draft Contract signed on 11/10/2020. Signing of Contract is awaiting approval of</b>	PMU, CEIP-1 with the assistance of existing IPoE member, TL-DSC and TL- M&EC, has reviewed the ToR of the remaining four IPoE members and are of the opinion that positions of Coastal, Estuarine and River Morphologist and Sediment/Tidal Management Expert might be merged and named as Coastal Morphologist and Estuarine/Tidal Hydraulics Expert. Accordingly, restructured proposal was sent to WB on 28 Sept 2016. WB accepted the proposal on 07 Nov 2016. It is opted that	

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approval.

RDPP.

the IPOE would not be required.

SI No	38		39		40		41		42		43
Description of Services	IPoE for Hydrodynamics & Coastal Modeling Expert		IPoE for Design Expert in Embankment and Hydraulic Struct.		IPoE for Social Expert		IPoE for Social Expert		IPoE for Environment, Water Management and Polder Expert		
Package No	CEIP-1/ D1/S18		CEIP-1/ D1/S19		CEIP-1/ D1/S20		CEIP-1/ D1/S20-A		CEIP-1/ D1/S21		CEIP-1/ D1/S21
Reference #	CEIP-1-36-IC-CI-CEIP-1/D1/S18		CEIP-1-37-IC-CI-CEIP-1/D1/S19		CEIP-1-38-IC-CI-CEIP-1/D1/S20		CEIP-1-38-IC-CI-CEIP-1/D1/S20		CEIP-1-39-IC-CI-CEIP-1/D1/S21		
Location / District	Dhaka		Dhaka		Dhaka		Dhaka		Dhaka		
P.P. - Executing Agency:	2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		2014-1-BWDB-BWDB		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	Actual
Amount in US\$	181,600		165,000		165,000	0.124 million	0.138 million		165,000	0.154 million	0.138 million
Preparation of ToR		28-Nov-16		01-Jan-17		Prepared				10-Dec-14	
NOL to the TOR		13-Dec-16	24-Sep-14	19-Jan-17	24-Sep-14	07-Nov-16	01-Apr-2021		24-Sep-14	08-Jan-15	01-Apr-2021
Advertisement of EoI		30-Jul-17		30-Jul-17		N/A	15-Apr-2021			N/A	15-Apr-2021
Receipt of REoI		14-Sep-17		14-Sep-17		N/A	22-Apr-2021			N/A	22-Apr-2021
Evaluation of REoI						N/A	30-Apr-2021			09-Feb-15	30-Apr-2021
Shortlist submitted to WB							N/A				N/A
Shortlist gets WB NOL							N/A				N/A
Combined Evaluation Report submitted to WB							N/A				N/A
WB gives NOL on combined evaluation							N/A				N/A
Negotiation							15-May-2021				15-May-2021
Negotiated draft contract to WB						31-May-17	N/A				N/A
WB gives NOL- draft contract						07-Jun-17	N/A			09-Mar-15	N/A
Contract Signature Date			31-Dec-14		31-Dec-14	17-Jul-17	30-May-2021		31-Dec-14	23-Mar-15	30-May-2021
Total days of Process (Bid Opening to Contract Signing Date)											
End Date of Activity	30-Jun-20				30-Jun-20	30-Jun-20			30-Jun-20	31-Jan-18	
Remarks	Proposal for inclusion of one new IPoE member as "Hydrodynamic and Coastal Modelling Expert" was sent to WB on 28 September 2016. WB accepted the proposal on 07 November, 2016. It is opted that the IPOE would not be required.		ToR was sent to WB on 1-Jan-17. Bank approved ToR on 19 January 2017. It is opted that the IPOE would not be required.		WB provided NoL on ToR on 07 November 2016 and concurred 3 CV approach for the selection of the social IPOE on 28 November 2016. Contract completed		Presently IPoE is not required		Contract completed		Presently IPoE is not required

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SI No	44		45	
Description of Services	Accounting and Financial Management System Specialist (AFMSS) (National)		Procurement of Individual Consultant as Information Technology Specialist (ITS) (National)	
Package No	CEIP-1/ D1/S24		CEIP-1/ D1/S25	
Reference #				
Location / District	Dhaka		Dhaka	
P.P. - Executing Agency:				
Method:	IC		IC	
Estimated / Actual	Estimated	Actual	Estimated	Actual
Amount in US\$				
Preparation of ToR				
NOL to the TOR		14-Feb-16		14-Feb-16
Advertisement of EoI		Through collection of 3 CVs		Through collection of 3 CVs
Receipt of REoI		10-Mar-16		10-Mar-16
Evaluation of REoI				
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				
Total days of Process (Bid Opening to Contract Signing Date)				
End Date of Activity				
Remarks	<p>This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). But it was decided that this service will be procured through GoB's revenue budget.</p> <p>This Package was dropped.</p>		<p>This is a new Package concurred by World Bank and entered into Revised Procurement Plan (PP- 2016-1). But it was decided that this service will be procured through GoB's revenue budget.</p> <p>This Package was dropped.</p>	

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**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 and Package-02 have already been contacted out. Package-03 is yet to initiate due to shortfall of fund.

Detail status of procurement of works as on **31 December 2022** is described below:

Sl. No	1		2 (Revs.)		3 (Revs.)		4
<b>Description of Works</b>	Rehabilitation / Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3 under CEIP-1.		<sup>3</sup> Rehabilitation and upgrading of Polder 14/1, 15, 16, 17/1, 17/2 & 23 (Actual Nos. of Polder in package are 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48)		<sup>4</sup> Rehabilitation and upgrading of Polder 48,47/2 & 43/2C (Actual Nos. of Polder in this Package are 14/1, 15, 16, 17/1, 17/2, 23 & 34/3)		<sup>5</sup> Rehabilitation and upgrading of Polder 40/2, 41/1, 34/3 and 39/2C
Package No	CEIP-1/W-1		CEIP-1/W-2 (revised)		CEIP-1/W-3 (revised)		
Reference #	CEIP-1-12-LPIPQ-O-CEIP-1/W-01		CEIP-1-13-LPIPQ-O-CEIP-1/W-02 (Rvsd.)		CEIP-1-13-LPIPQ-O-CEIP-1/W-03 (Rvsd.)		
Districts	Khulna		Patuakhali, Barguna and Pirojpur				
P.P. - Executing Agency:	2014-1-BWDB - BWDB		2014-1-BWDB - BWDB		2014-1-BWDB - BWDB		
Method:	ICB with post-qualification <sup>6</sup>		ICB with post-qualification		ICB		
Estimated / Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	
Amount in US\$	104,276,026.00	88,216,800.37 <sup>7</sup>	150,355,767.20	137,969,172.60 <sup>8</sup>	86.66 million USD		
Preparation of Document							
Tender Docs Submitted to WB		02-Mar-15		14-Oct-15, 09-Nov-15			
Bank's NOL	30-Jun-14	09-Mar-15	03-Jan-16	03-Dec-15			
Publication / Invitation	15-Jul-14	10-Mar-14	10-Jan-16	04-Dec-15			
Deadline tenders & Bid Opening	14-Sep-14	25-May-15	14-Mar-16	24-Mar-16			
Evaluation of Bids	18-Oct-14	13-Jun-15	18-Apr-16	19-Jun-16			
WB gives NOL on evaluation		19-Jul-15		04-Aug-16			
Negotiated draft contract sent to WB							
No Objection to Evaluation Report	10-Nov-14		09-May-16				
GOB Purchasing Committee approval		09-Sep-15		20-Aug-16			
Issuing NOA		21-Sep-15		15-Dec-16			
Contract signed	09-Jan-15	01-Nov-15	28-Jun-16	08-Mar-17			
Advance Issued							
Commencement of Services		26-Jan-16		12-Jul-17			
Total days of Process	117	160	106	349			

<sup>3</sup>Nos. of Polders for this Package have been changed as '39/2C, 40/2, 41/1, 43/2C, 47/2 and 48' instead of previously included Nos of '14/1,15,16,17/1,17/2 & 23'

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

<sup>5</sup>Out of four (4) Polders, three (3) (40/2, 41/1 and 39/2C) have been included under Package CEIP-1/W-02. The remaining one (1) is included in Package #3 and this Package has been declared void.

<sup>6</sup> Method has been changed from ICBPQ (International Competitive Bidding with pre-qualification) to ICB (with post qualification)

<sup>7</sup> Original Contract Value of W-01 is BDT 6,969,127,229.

<sup>8</sup> Original Contract Value of W-02 is BDT 10,899,564,634.65.

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Sl. No	1	2 (Revs.)	3 (Revs.)	4
<b>Description of Works</b>	Rehabilitation / Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3 under CEIP-1.	<sup>3</sup> Rehabilitation and upgrading of Polder 14/1, 15, 16, 17/1, 17/2 & 23 (Actual Nos. of Polder in package are 39/2C, 40/2, 41/1, 43/2C, 47/2 and 48)	<sup>4</sup> Rehabilitation and upgrading of Polder 48,47/2 & 43/2C (Actual Nos. of Polder in this Package are 14/1, 15, 16, 17/1, 17/2, 23 & 34/3)	<sup>5</sup> Rehabilitation and upgrading of Polder 40/2, 41/1, 34/3 and 39/2C
Package No	CEIP-1/W-1	CEIP-1/W-2 (revised)	CEIP-1/W-3 (revised)	
End of Contract (Completed)	31/12/2017      25-Jan-19	30/06/2018      11-Jan-21		
Remarks	7 Nos. Bids were received and M/S TheFirst Engineering Bureau of Henan Water Conservancy of China was awarded the contract. Contract was signed on 01 Nov 2015. Works are going on.	7 Nos. Bids were received. Chongqing International Construction Corporation was awarded with the Contract. Contract was signed on 08 March 2017 and Notice to Commence issued on 12 July 2017. <b>Works are going on.</b>	Due to shortfall of fund, it is being discussed whether to drop this package. Meanwhile, the activities of this Package have been limited up to preparation of bidding document.	This Package is treated to be void since the polders under this package have been incorporated in the packages 2 & 3 ( <i>re-arranged</i> )

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

As per the DPP, 14 items of Goods would be procured. Among them, procurement for the 7 items were deferred as per the statement of “Status of Procurement” as on **31 December 2022**, which is described below:

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



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Contract Approving Authority	Package No	Description of Procurement as per TAPP/DPP Goods	Unit	Quantity	Procurement Method & (Type)	Source of Funds	Estimated Cost/ Contract Price (Million USD)	Invitation for Tender	Signing of Contract	Completion of Contract	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
PD	CEIP-1/G-05	Engineering Equipment- a) Levelling instrument with accessories (Total-10 Nos), Total Station (Total-5 Nos)	Nos.	a) Levelling instrument - 5 Nos.; b) Total Station- 3 Nos	OTM(NCB)	WB/IDA	0.0103	09-Jul-15	04-Oct-15	January,2014	Tender was evaluated by BWDB TEC members. Contract executed on 04 October 2015. Supply completed.
PD	CEIP-1/G-06	Office equipment with accessories a) Multimedia Projector (Total 4 Nos), b) Air cooler- (Total-10 Nos), c) PABX Intercom System - 1 Set, d) Photocopier 10 Nos. e) Fax- 10 Nos., f) Scanner A3 Size- 4 Nos., g) Spiral Binding machine 4 Nos, h) Plotter A0 Size-1 No	Nos.	a) Multimedia Projector- 2 Nos, b) Aircooler- 5 Nos, c) PABX Intercom System- 1 set d) Photocopier- 5 Nos, e) Fax-4 Nos, f) Scanner-2 Nos, g) Spiral Binding Machine- 2 Nos, h) Plotter A0 Size -1 No	OTM(NCB)	WB/IDA	0.0280	01-Apr-14	09-Jun-14	June,2014	Tender was evaluated by BWDB TEC members. Work Order issued on 01 June 2014. All office equipment was supplied on 9-Jun-2014
PD	CEIP-1/G-07	Furniture (For Project Director, CEIP-1 BWDB, office)	LS	LS	OTM(NCB) /RFQ	WB/IDA	0.0064	Procurement through RFQ	24-Feb-14	February, 2014	All the furniture was supplied on 24-Feb-2014.
PD	CEIP-1/G-08	Procurement of Motor Vehicles a) 4-WD Jeep/Cross Country (Total 15 Nos.) b) Micro Bus- (Total 2 Nos.)	Nos.	Motor Vehicle- 05 Nos	OTM(ICB)	WB/IDA	0.4490				This Package has been excluded from the RDPP.
PD	CEIP-1/G-09	Procurement of Motor Cycle- Total= 20 Nos	Nos.	Procurement of Motor Cycle-10 Nos	OTM(NCB)	WB/IDA	0.0190				This Package has been excluded from the RDPP.

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Contract Approving Authority	Package No	Description of Procurement as per TAPP/DPP Goods	Unit	Quantity	Procurement Method & (Type)	Source of Funds	Estimated Cost/ Contract Price (Million USD)	Invitation for Tender	Signing of Contract	Completion of Contract	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
PD	CEIP-1/G-10	Procurement of Speed Boat with engine & other accessories (Total 09 nos.)	Nos.	Speed Boat-4 Nos	OTM(NCB)	WB/IDA	0.0510				This Package has been excluded from the RDPP.
PD	CEIP-1/G-11	Procurement of a) Computer- (Total 36 Nos, Laptop-10 + Desktop-25), b) Colour/Black & White Printer (Total 20 Nos), C) UPS= (Total 15 Nos), d) IPS = 10 Nos with ancillaries	Nos.	Computers- a) Laptop-5 Nos, Desktop-5 Nos; b) Printer-10 Nos, c) UPS-5 Nos, d) IPS-5 Nos with ancillaries	OTM(NCB)	WB/IDA	0.0410	06-Jul-17	12-Sep-17	November, 2017	Supply completed on 20 November 2017.
PD	CEIP-1/G-12	Engineering Equipment -a) Levelling instrument with accessories (Total - 10 Nos) Total Station-) Total- 5 Nos)	Nos.	a) Levelling instrument - 5 Nos.; b) Total Station-2 Nos	OTM(NCB)	WB/IDA	0.0150				This Package has been excluded from the RDPP.
PD	CEIP-1/G-13	Office equipment with accessories a) Multimedia Projector (Total 4 Nos), b) Air cooler- (Total-10 Nos), c) PABX Intercom System - 1 Set, d) Photocopier 10 Nos. e) Fax- 10 Nos. f) Scanner A3 Size 4 Nos., g) Spiral Binding machine 4 Nos, h) Plotter 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)	WB/IDA	0.0230				This Package has been excluded from the RDPP.
PD	CEIP-1/G-14	Procurement of Motor: Micro Bus – 1 No	Nos.	Micro Bus – 1 No			0.0600				This Package has been excluded from the RDPP.

HOPE=Head of the Procuring Entity

PD=Project Director

N/A = Not Applicable

## Annex 6 Governance Accountability and Action Plan

Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
<b>Institutional Risks</b>						
Need to <b>strengthen capacity</b> to handle large volume procurement, financial management, contract management, communications, and monitoring functions	Establish PMU with internally or externally hired staff as per the agreed Organogram.	BWDB	Key staff recruited 3-6 months after project effectiveness.	Delays in conduct of procurement, execution of contracts and processing of payments.	Effectiveness date Nov 2013. <b>PMU Staffing</b> <u>Project Director</u> – Dec 2013 appointed <u>Deputy PD</u> – appointed Jan 2020 <u>Procurement Spec</u> – Nov 2013 <u>Financial Management Spec</u> - originally March 2015-Feb 2016; filled again Apr 2017-Sep 2019. Currently appointing a replacement. <u>Sr. Environment Spec</u> –April 2015 – July 2018; Contract signed with the replacement 12 Mar 2019, but expired 30 June 2020. <u>Sr. Social Spec</u> – original expert in place Oct 2014-Jan 2017. Contract signed with the replacement in Aug 2017. <u>Sr. Revenue Officer</u> – August 2014 <u>Communication Officer</u> – July 2018. <u>Sr. Forestry Spec.</u> –August 2017. <u>Social Spec./Econ (Field)</u> –July 2017 <u>Environment Spec. (Field)</u> – Oct 2017  <b>Consultancies:</b>	All of the PMU staff have been recruited, including Deputy PD. Financial Management Specialist position became vacant on 30 September 2019 and replacement is being appointed. Sr. Environmental Specialist, Sr. Forestry Specialist, Communications Officer, Sr. Revenue Officer and Sr. Social Specialist being recruited or re-signed as incumbents concluded their contracts on 30 June 2020. Same for Environmental Specialist and Social Specialist.

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Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	<p>Retain existing consultants or engage new consultants for design, construction supervision</p> <p>Contract Third Party M&amp;E functions</p>	<p>BWDB</p> <p>BWDB</p> <p>BWDB</p>	<p>Contracted 1<sup>st</sup> year;</p> <p>Contracted 2<sup>nd</sup> year</p> <p>Contracted 2<sup>nd</sup> year</p>		<p><u>Procurement Panel</u> – fully in place between 2014 and mid-2018 when the last of the 3 contracts was completed and not renewed. <u>DDCS&amp;PMSC</u> contracted January 2015</p> <p><u>M&amp;E Consultant</u> contracted Oct 2015 <u>IPOE</u> – 2 of 5 were hired; remaining 3 viewed by PMU as not needed. IPOE Social contract completed 30 June 2020 and not being renewed. IPOE Environment, Water Management and Polder Expert completed 31 Jan 2018 and not renewed. <u>IPOE/Social Expert</u> was on board since July 2017, but contract expired; currently under recruitment. <u>IPOE Chairman/Environment, Water Management and Polder Expert</u> was in place from Mar 2015 –30 June 2020 when contract expired.</p> <p><b>World Bank Missions:</b> Start (FY 2013/14)– 1 mission PY1 (FY 14/15)– 1 mission PY2 (FY 15/16)– 2 missions PY3 (FY 16/17)– 2 missions plus sector-specific missions PY4 (FY 17/18)- 2 missions (Jul/Aug and Feb) plus sector-specific missions PY5 (FY 18/19) – 3 missions (Oct 2018,</p>	
	<p>Increase frequency of Bank supervision missions, especially during the first 2 years.</p>	<p>WB</p>	<p>At least twice a year</p>			

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Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
					Feb & May 2019) plus sector-specific missions. PY6 (FY 19/20) – 2 missions (Oct and Dec 2019) PY7 (FY 20/21) – 2 missions (Aug 2020 and March 2021) PY8 (FY 21/22) – 2 missions (Sep 2021 and Feb/Mar 2021) PY9 (FY 22/23) – 1 mission (Sep 2022)	
Need for proactive provision of <b>information</b> and enhanced transparency	Appoint a Communication Specialist as part of the PMU to act as RTI officer (until BWDB engages an RTI officer) in accordance with the RTI Act.  Quarterly Reporting on Project Implementation by PMU  Set up a website and provide regular	BWDB  BWDB  BWDB	3 -6 months after project effectiveness  Quarterly  Website set up by end of Year 1. Website regularly updated	Lack of information officer or frequent replacement   Delays in establishment of website/ publishing information	Communication Officer signed on, but then withdrew before joining (March 2017). NOL given to draft contract on 19 Oct 2017 for new candidate, but he also withdrew. 2 <sup>nd</sup> ranked candidate cleared by WB but did not appear at negotiations. 3 <sup>rd</sup> ranked candidate signed draft contract on 10 Apr 2018 and final contract on 01 July 2018. Contract signed 06 Sep 2020 with most recent selected candidate and now contract has been completed and PMU has not renewed the position.  First QPR submitted in Feb 2016 for quarter of Sep-Dec 2015. Consolidated QPRs being prepared routinely.  From inception, notices and procurement results being posted on BWDB website and CPTU website (Ministry of Planning) or UN Development Business. New, easier-	

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Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	information on project performance as well as procurement information				to-navigate BWDB website is under development. M&E Consultants have piloted a partial beta version of a web-based PMIS in November 2016, updated in Sep 2017 and improved version available for users as of late 2017. Improvements are continually being made.	
<b>Procurement Risks</b>						
Reduce risk of corruption in procurement.	Retain design of few contracts processed in Dhaka to enhance scrutiny	BWDB	On-going	Procurement red flags in ex ante and ex post review	Procurement packages have been aggregated in size to facilitate scrutiny.	PMU understands and follows procedures that safeguard procurement processes.  Contracts of PP expired in 2018 and not renewed as this work is now minimal and being handled by PMU team.
	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 completed December 2015.	
	Enforce ICB procurement guidelines for documentation, timelines, and transparency	BWDB, Bank	On-going		ICB guidelines are enforced.	
	Appoint a Procurement Panel	BWDB	3-6 months after project effectiveness	Panel members not recruited	Int’l Proc. Expert – Nov 2013 Nat’l Proc. Expert – Nov 2013 Int’l Technical Exp. – 2013, with replacement in April 2015  GRC membership composition	

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Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	Enhance complaints mechanism with reporting established and follow-up guidelines	BWDB	On-going	Nature and frequency of complaints	confirmed in Dec 2015. Fifteen (15) GRC formed in Package 01 area and 21 in Package 02.  As of 31 March 2022, <u>Pkg 01</u> : A total of 187 complaints / grievances have been reported. Out of these, 51 complaints have been resolved at the entry level and 134 cases have been resolved through investigations and formal hearing by GRC. The remaining 2 lodged grievances have been referred to a higher level by the GRC. <u>Pkg 02</u> : A total of 56 grievances have been lodged – 34 complaints have been resolved at the entry level and the remaining 22 cases resolved by GRC	
Potential for or reduce risks of <b>conflict of interest</b> among participants in procurement	Declarations of no conflict of interest by BWDB personnel, including members of PP and bidders  Review statements of financial interests encompassing key project staff  Require bidders' statements concerning agents and other possible connections to persons involved with	BWDB  BWDB  BWDB	BWDB personnel by effectiveness; bidders at submission  Within one month of submission  At bidding stage		Complied on rolling basis as staff, consultants and contractors join.  Not a separate declaration from COI above.  Complied on ongoing basis.	Periodic renewal of COI declaration may be considered.

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Issues/Risks/Objective	Actions	Agency responsible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
	procurement.					
<b>Contract Execution and Project Management Risks</b>						
Avoid collusion of parties involved and ensure transparent management of contracts	<p>BWDB website includes information on contract execution (e.g. gross estimate of completion of works etc.)</p> <p>Establish enhanced complaints mechanism, including ICT</p> <p>Numerous levels of scrutiny:</p> <ul style="list-style-type: none"> <li>- PD serve as Employer’s representative</li> <li>- Construction Supervision Consultant as Engineer</li> <li>- Nominate Resident Engineers at the site</li> <li>- M&amp;E Consultant to oversee project performance</li> </ul>	<p>BWDB</p> <p>BWDB</p> <p>Supervision Consultants, M&amp;E</p>	<p>As information becomes available</p> <p>By project effectiveness</p>	<p>Website does not include updated information</p>	<p>Complied on ongoing basis, as information is available. Please see <a href="http://cptu.gov.bd">cptu.gov.bd</a> website. Select “Contract Award Notices”, MOWR, BWDB. Services have not been uploaded here, but were uploaded to UN Development Business.</p> <p>GRM established in Pkg 01 and 02.</p> <p>In place:                      PD – Nov 2013 to Feb 2016                      New PDs appointed – Feb 2016, Jan 2018, Jan 2019, Jan 2020, Feb 2020 and Jan 2021.</p> <p>DDCS&amp;PMSC – Jan 2015</p> <p>REs nominated – Jan 2015;                      RE position for Package 01 vacant for over one year as of September 2019.                      RE position for Package 02 appointed – Nov 2018, but position remains vacant.</p> <p>M&amp;E – Nov 2015</p>	<p>Services are also be uploaded to <a href="http://cptu.gov.bd">cptu.gov.bd</a> website within the 30-day window after contract signing.</p> <p>The lack of REs for an extended period represents a substantial risk.</p>



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Issues/Risks/ Objective	Actions	Agency respon- sible	Timeline - Plan	Early Warning Indicators to Trigger Additional Action	Timeline - Actual	Remarks
<b>Fraud and Corruption in Delivery of RAP Benefits</b>						
Potential for improper targeting of beneficiaries and/or false delivery	Contract out implementation of RAP to experienced NGOs, with reputable track record for similar programs	NGOs	Contract in place	Reviewers (BWDB, WB) receive plausible complaints borne out by frequency or other corroboration	DDCS&PMSC has KMC on its team, charged with looking after the RAP implementation (since Jan 2015).	There were some complaints of irregularities. DDCS&PMS Consultant has undertaken preliminary investigation.
	Ensure third party monitoring by the M&E Consultants	M&E	Contract in place		M&E Consultants in place Nov 2015 and developed a Comprehensive M&E Strategy which is being implemented.	
	Conduct survey among beneficiaries	M&E	Unit in place by effectiveness or before	Survey results identify improprieties	Field-level consultations held regularly  Baseline survey designed and implemented in early 2016 for Package 01 and early 2018 for Package 02 along with a midline for Pkg 01.	
	Enhance complaints mechanism, including use of ICT	BWDB	Designated office in place by effectiveness, begin implementing expanded disclosure plan three months after effectiveness		In place and in process of being improved.  Communication Officer REOI re-advertised in January 2016. Contract signed in March 2017, but expert withdrew before joining. After additional rounds of procurement, officer signed contract on 01 July 2018. Contract concluded on 30 June 2020 and position has been discontinued.	
	Suo moto disclosure of information					

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

Results Framework and Monitoring as of 30 September 2022

Project Development Objectives																	
Indicator Name	Core	Unit of Measure	Base line	Cumulative Target Values										Fre- quency	Data Source/ Meth.	Respon- sible for Data Collection	Remarks
				YR1 14/15	YR2 15/16	YR3 16/17	YR4 17/18	YR5 18/19	YR6 19/20	YR7 20/21	YR8 21/22	YR9 22/23	End Target				
Gross area protected		1000 x ha	-	-	-	-	19.1	35.5	40.8	52.8	66.012	66.012	Annual	BWDB	BWDB	M&E	Target area for Pkg 1 & 2 are 66.012 (1000 x ha)
<i>Achievement</i>				-	-	4.7	9.9	28.7	31.79	41.38	53.46	55.87					
Direct project beneficiaries from increased resilience to climate change (number) of which female %	X	1000 x person	0	0	0	0	208	389	448	579	724 (50%)	724 (50%)	Annual	BWDB	BWDB	M&E	The beneficiaries are counted in proportion to the share of embankment with earthwork completed. Package 1 & 2 Population 724,202
<i>Achievement</i>				0	0	39	76	248.9	348.75	399.53	551.51	581.73					
Increase cropping intensity		(%)	140	-	-	-	-	158	167	171	180	180	Annual	BWDB	BWDB	M&E	Will be calculated via end line survey, though mid-line survey may also show results, in which case they will be reported.
<i>Achievement</i>				-	-	-	-	-	-	178.20	178.20	186.00					Pkg -01: 167.00 Pkg -02: 205.00
Contingent Emergency Appropriation		Triggered, if requested [Y/N]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BWDB	BWDB	NA	Not triggered.
<i>Achievement</i>				NA	NA	NA	NA	NA	NA	NA	NA	NA					

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Intermediate Results Indicators																	
Indicator Name	Core	Unit of Measure	Base line	Cumulative Target Values										Fre- quency	Data Source/ Meth.	Respon- sible for Data Collection	Remarks
				YR1 14/15	YR2 15/16	YR3 16/17	YR4 17/18	YR5 18/19	YR6 19/20	YR7 20/21	YR8 21/22	YR9 22/23	End Target				
Length of upgraded embankment		km	0	-	11	68	173	254	309	350	408	408	Annual	BWDB	BWDB	M&E	
<i>Achievement</i>				-	0.8	27.9	44.25	164.93	197.11	244.04	330.13	339.42					Pkg 01: 198.93kms done Pkg 02: 140.493kms done
Drainage structures replaced		No.	-	-	2	13	34	52	66	75	88	88	Annual	BWDB	BWDB	M&E	
<i>Achievement</i>				-	0	0	19	35	38	56	73	76					All Pkg – 76 fully done; and 16 are in progress  Pkg 01: 38 fully done Pkg 02: 38 fully done; 11 in progress
Drainage structures repaired		No.	-	-	-	-	1	2	4	6	8	8	Annual	BWDB	BWDB	M&E	
<i>Achievement</i>							0	0	2	2	2	2					Pkg 01: 2 done Pkg 02: 0 done; 3 in progress
Flushing structures replaced		No.	-	-	3	14	33	47	57	66	77	80	Annual	BWDB	BWDB	M&E	
<i>Achievement</i>				-	0	0	15	28	29	41	49	53					All Pkg – 53 fully done; 16 in progress Pkg 01: Revised target 29 and 29 nos done Pkg 02: Revised target 51 nos. 24 nos fully done and 15 are in progress
Flushing inlets repaired		No.	-	-	-	-	8	15	25	35	44	44	Annual	BWDB	BWDB	M&E	

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Achievement						0	12	14	15	15	15						Pkg 01: 14 of 14 Pkg 02: 1 of 32 done; 28 in progress
Indicator Name	Core	Unit of Measure	Base line	Cumulative Target Values										Fre-quency	Data Source/ Meth.	Respon-sible for Data Collection	Remarks
				YR1 14/15	YR2 15/16	YR3 16/17	YR4 17/18	YR5 18/19	YR6 19/20	YR7 20/21	YR8 21/22	YR9 22/23	End Target				
Length of River Bank Protection		kms				4.25	5.95	7.70	9.00	9.17	9.37	9.37					
Achievement						0.40	1.81	5.95	8.18	8.67	9.52	9.52					9.524 kms done Pkg 01: 4.250 of 4.25 kms Pkg 02: 5.274 of 5.12 kms
Length of Slope Protection		kms				2	5	9.33	18.00	24.00	29.136	29.136	Annual	BWDB	BWDB	M&E	
Achievement						0.117	3.73	9.33	14.17	18.503	24.027	24.486					24.027 kms done Pkg 01: 19.606 kms (out of 19.776 kms) Pkg 02: 4.421 kms (out of 9.36 kms)
Length of Drainage Channels upgraded		kms	0	-	9	52	125	178	224	261	305	305	Annual	BWDB	BWDB	M&E	
Achievement				-	-	11	27.5	134.34	157.80	215.46	258.13	258.13					258.13 kms done Pkg 01: 150.299 kms done (of 150 kms) (100 % of Pkg 1) Pkg 02: 107.831 kms done (of 155 kms) (59.77 % of Pkg 2)
Area restored re/afforested	X	ha	-	-	-	-	-	150	300	450	600	600	Annual	BWDB	BWDB	M&E	
Achievement				-	-	-	-	208	208	416.6	473.8	609.0					Pkg 01: 298.8 ha Pkg 02: 175.0 ha

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Indicator Name	Core	Unit of Measure	Base line	Cumulative Target Values										Fre-quency	Data Source/ Meth.	Respon-sible for Data Collection	Remarks
				YR1 14/15	YR2 15/16	YR3 16/17	YR4 17/18	YR5 18/19	YR6 19/20	YR7 20/21	YR8 21/22	YR9 22/23	End Target				
Water Management Organization (WMO)		Nb.	0	-	-	-	-	-	4	8	10	10	Annual	BWDB	BWDB	M&E/ NGO	
<i>Achievement</i>				-	-	-	-	-	5	7	10	10					WMG: 141 formed. Remaining In Polder 33 = 2 WMA: 10 formed. 10 registered
Improved coastal monitoring		Studies	Limited data					1		2	2		Annual	BWDB	BWDB	M&E	Consultant contract signed October 2018.
<i>Achievement</i>				-	-	-											Both studies in progress with interim reports received
BWDB person-days of training provided	X	No.	0	160	320	480	640	800	960	1080	1200	1200	Annual	BWDB	BWDB		
<i>Achievement</i>				341; 66 for women (33)	341; 66 for women (33)	341; 66 for women (33)	461; 66 for women (45)	461; 66 for women (45)	461; 66 for women (45)	536	679 (81)	719 (86)					Number of participants in parentheses
Grievance Redress Committee (GRC)		No.	0		15	15	36	36	36	36	36	36	Annual	BWDB	BWDB	M&E/ NGO	
<i>Achievement</i>					15	15	36	36	36	36	36	36					
Detailed design of future 7 Polders (including EIA, RAP/LAP)		No.	0						7	7	7	7	Annual	BWDB	BWDB	M&E	
<i>Achievement</i>																	All designs completed, with approval of a single structure pending. EIAs approved pending National Disclosure Consultation.

