Detailed Design, Construction Supervision and Project Management Support under Coastal Embankment Improvement Project,

Phase-1, (CEIP-1)

Review Meeting 04 September 2018

Project Management Unit



Agenda

- Review of progress of Works
- Program for Utilization of allocated fund 2018-2019
- ➤ Social and Environmental Safeguard Issues
- ➤ Work Programmes W-01 and W-02
- Review of Consultancy Services DDCS & PMS

Progress of Works

Progress of Works (to date)

CEIP-1 / W-01 construction started 01/2016

- Construction progress 52% (31/36 Months)
- Extension of Time until June 2020, but depending on land availability
- Re-location of Closure Dam polder 32 / pending action
- Commissioning of drainage sluices June 2019 / urgent action

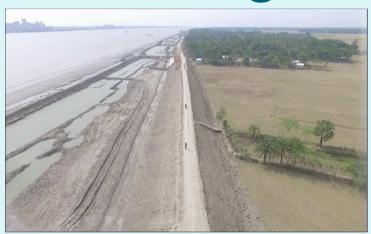
CEIP-1 / W-02 construction started 07/2017

- Poor construction progress 4,5% (14/42 Months)
- Acceleration required / logistics / resources / land availability
- Re-design of polder 48 sea embankment due to progressive erosion
- Optional protection / nourishment of Kuakata Beach due to progressive erosion

CEIP-1 / W-03 design phase

- EIA and EMP completed
- LAP's 2017 revision, RAP's in progress
- Detailed design / bidding documents: in progress

W-01 Progress of Works (to date)









W-02 Progress of Works (to date)









Emergency Works (Polder 48)





Accelerate Performance of W-02

- Under-estimation of logistics and local complexity
- > Failure of collecting agregates for concrete
- Un-prepared for scale of Emergency Works
- Strengthening of Project and Works Management
- Contractor's recent proposals in favor of acceleration and cost reduction for the Project (Value Engineering):
 - > Re-design of Polder 48 sea dyke embankment
 - > Partly using geo-bags up to LW level in stead of cc blocks for bank protection

Program for Utilization of allocated fund 2018-2019

Summary of Cost Estimate for Rehabilitation and Upgrading for Contract - CEIP-1/W-01 & CEIP-1/W-02 for FY 2018-19 under Coastal Embankment Improvement Project, Phase-I (CEIP-I)

Bill No	Name of Section Unit Expected requirement for FY 2018-19 (TK. In BDT)				Total Expected requirement for FY 2018-19 (TK. In	
			Package-1	Package-2	BDT)	
01	General Mobilization	L.S	89.363.795,22	45.658.840,00	135.022.635,22	
	Construction / Re-sectioning of Embankment (95 Km)	m3	353.928.462,46	794.683.599,84	1.148.612.062,30	
02	Fine dressing	m2	108.440.555,60	23.705.773,68	132.146.329,28	
03	Excavation / Re-excavation of Drainage Channel (75 Km)	m3	58.511.695,20	82.893.523,57	141.405.218,77	
04	Construction of Drainage sluices	Nos.	143.630.000,00	749.368.560,77	892.998.560,77	
05	Repairing of Drainage sluices	Nos.	8.328.149,49	18.234.536,00	26.562.685,49	
06	Construction of Flushing Inlets	Nos.	119.171.450,29	361.712.208,18	480.883.658,47	
07	Repairing of Flushing Inlets	Nos.	78.910.762,90	16.495.126,00	95.405.888,90	
08	Embankment Slope Protection Work	Km	350.000.000,00	411.419.156,71	761.419.156,71	
09	River Bank Protection Work	Km	700.000.000,00	1.579.445.246,61	2.279.445.246,61	
10	Dismantling of CC/RCC/Brick Soling/Bituminous Carpeting Road	Km / No.	80.000.000,00	22.995.980,41	102.995.980,41	
13	Construction of Closure Dam	No.	100.000.000,00	25.280.800,00	125.280.800,00	
	Sub Total =		2.190.284.871,15	4.131.893.351,77	6.322.178.222,92	
	Total of Day work		7.500.000,00	10.248.177,44	17.748.177,44	
	Specification Provisional Sum		7.500.000,00	24.458.506,58	31.958.506,58	
	Physical & Price Contingency		10.000.000,00	40.000.000,00	50.000.000,00	
	Physical & Price Contingency (Adjustment to Changes in Cost)		262.834.184,54	289.232.534,62	552.066.719,16	
	Adjustment due to change in legislation (VAT & IT)		224.912.102,92	110.815.488,56	335.727.591,48	
	Sub Total =		512.746.287,46	474.754.707,20	987.500.994,66	
	Grand Total =		2.703.031.158,61	4.606.648.058,97	7.309.679.217,58	

Social and Environmental Safeguard (Critical) Issues

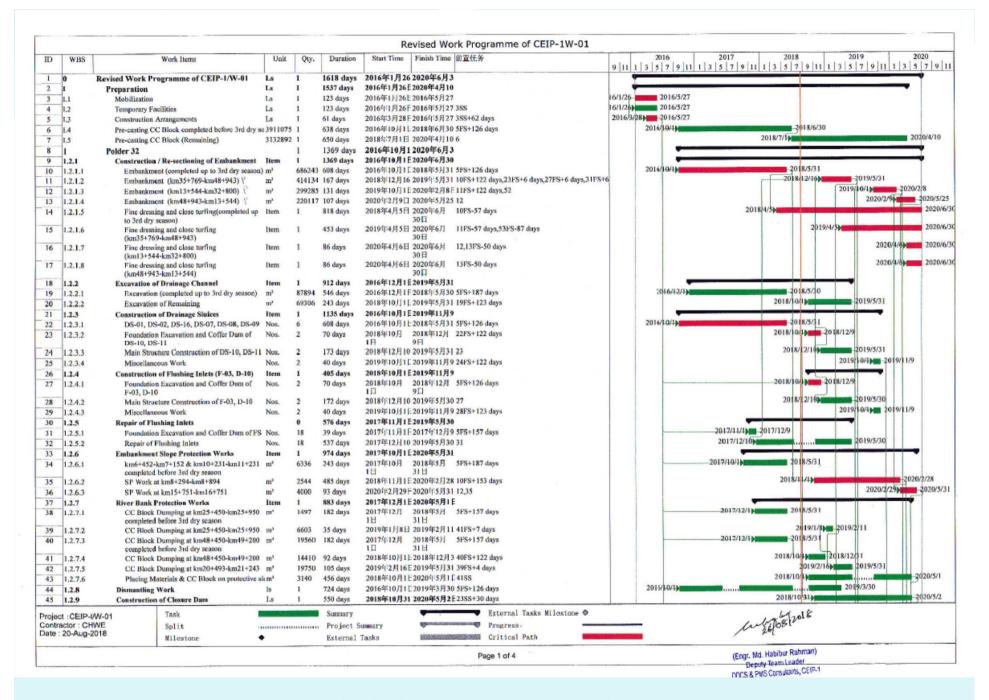
Critical W-01

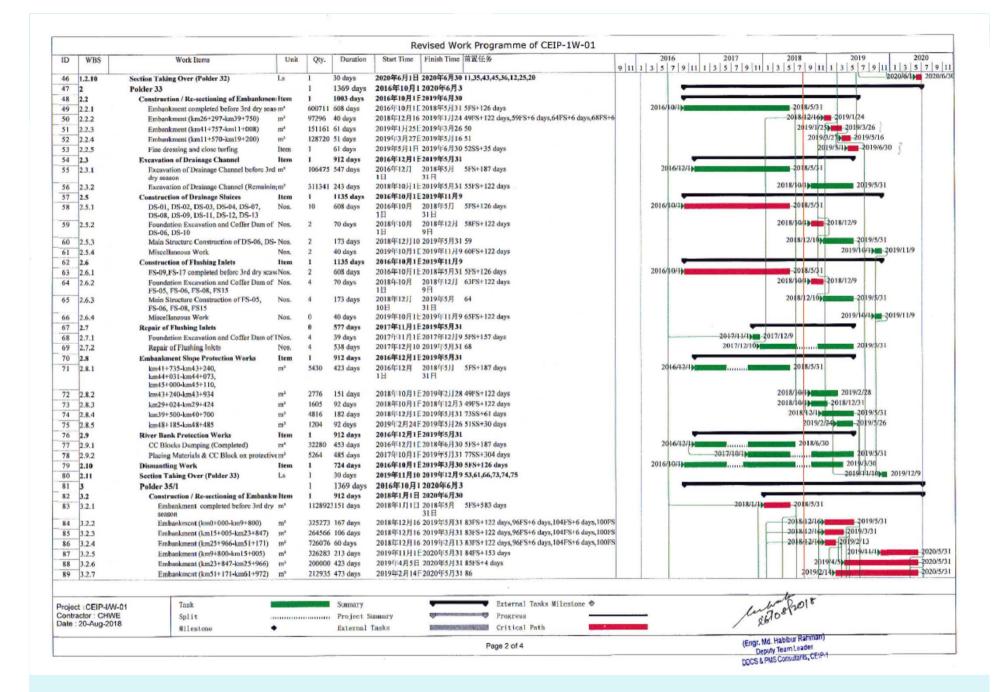
- > 100 % payment of compensation of lands under Package-1 has been made by the PMU to the Deputy commissioner Khulna and Bagerhat.
- ➤ But 44% affected land owners have **not** received the payment of compensation from the DC *for various reasons*
- The progress of work is being hampered for the obstacles of the remaining land owners who have still not received the payment.
- We intensified our field work
- > This is a joint responsibility of DC and BWDB and supported by Consultant.
- > We are not able to investigate and address the (individual) reasons for non-payment without the cooperation (or payment) of the DC office.

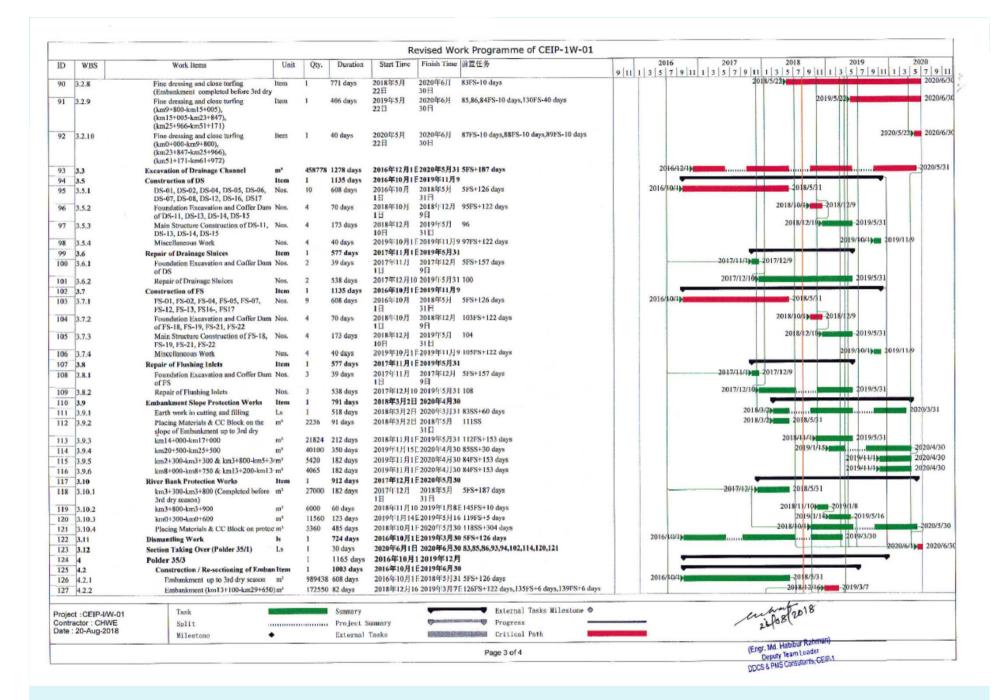
Critical W-02

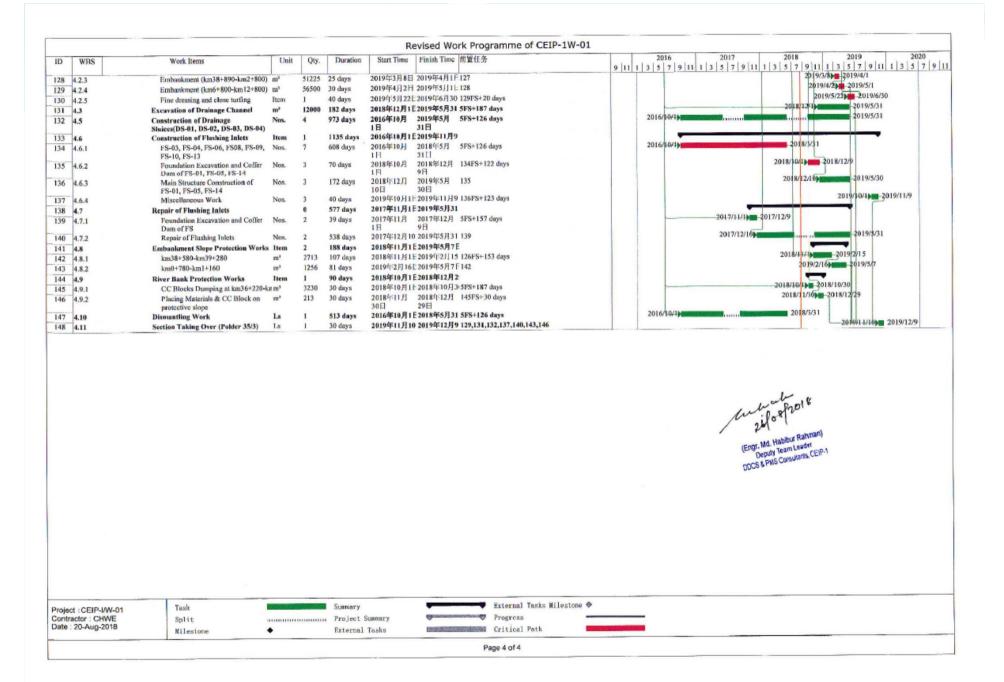
- ➤ The land plan of 6 Polders under W-02 have been approved by the MOL long before.
- The concerned DC is preparing the estimate for acquisition of lands to give requisition of money to the PMU office against the estimates.
- But there is no provision of budget in the DPP
- ➤ Only recently, a proposal for re-appropriation of DPP with **Budget Neutral Inter-Item Cost Adjustment** has been submitted to the MOWR where the provision for land acquisition of W-02 has been made.
- ➤ Land availability to start construction works is pending and depending on the allocation of funds for Land

Work Programme W-01

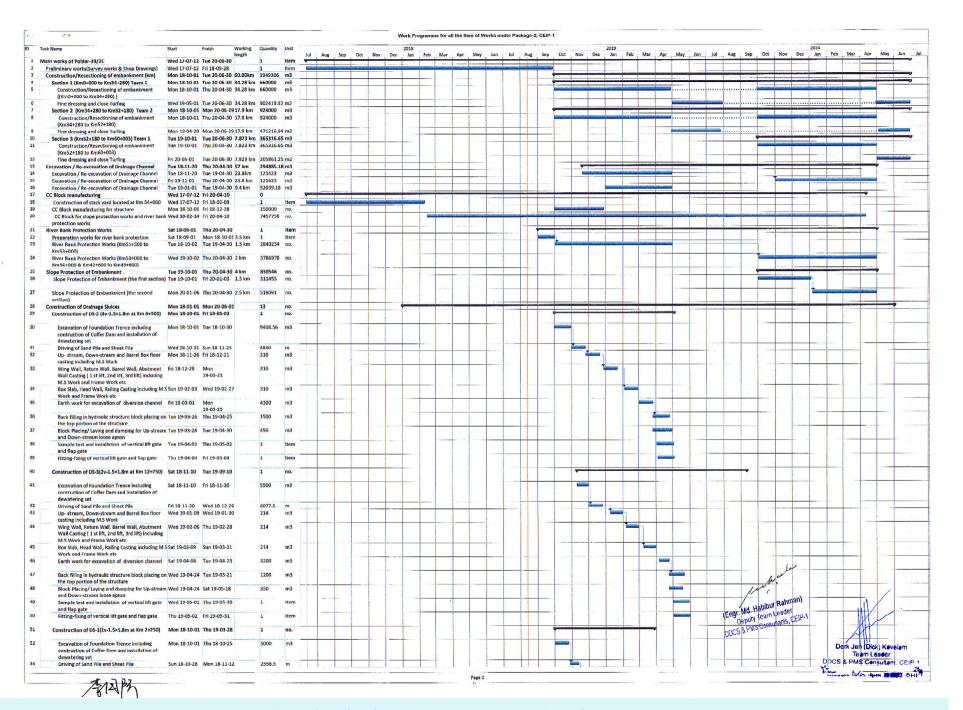








Work Programme W-02



Review of Consultancy Services DDCS & PMS

Consultancy Services DDCS&PMS

Start of Contract: January 2015

End of Contract: December 2020 (72 Months)

Activities (42/72 Months)

A: Review and update of Designs 10 polders Completed 100%

B: Detailed Design, Environmental and Social Studies (7 polders)

B1: Modelling for detailed design (17 polders)

Completed 100%

B2: Detailed design and bidding documents (10 polders) Completed 100%

Detailed design and biddgin documents (7 polders)

B3: Preparation of EIA and EMP (17 polders)

B4: Preparation of LAP/RAP (10 polders)

Completed 100%

Preparation of LAP/RAP (7 polders) In progress

In progress

Completed 100%

Consultancy Services DDCS&PMS

Activities (42/72 Months) Continued

C: Contract Management / Engineer

C1: Construction Supervision Ongoing

C2: Monitoring EMP implementation Ongoing

C3: Implementation of RAP Ongoing

D: Project Management

D1: Project Management Support Ongoing

D2: Training Ongoing

Construction Supervision

- ➤ Mobilization of international RE mainly for W-02 has been approved and will start in September 2018
- ➤ Mobilization of new DRE's for W-01 and W-02 has been approved and will start in September 2018
- ➤ Replacement of QCS specialist's for W-01 and W-02
- ➤ Contract Modification No.3 required for continuation of Supervision services until the end on 2019 and additional funding required for continuation until end of Project.

Monitoring EMP Implementation

W-01

- The Initial Environmental Examination (IEE) of *4 Polders approved* by Department of Environment (DoE)
- Environment Impact Assessment (EIA) Reports of 4 Polders have been prepared, approved by World Bank and DoE and issued Environment Clearance Certificate
- Environmental Action Plan (EAP) of 4 Polders have been prepared by the Contractor, submitted to World Bank

W-02

- The Initial Environmental Examination (IEE) of 6 Polders approved by Department of Environment (DoE)
- Environment Impact Assessment (EIA) Reports of 6 Polders have been prepared, approved by World Bank and DoE and issued Environment Clearance Certificate
- Contractor's Environment and Social Management Plan (C-ESMP) of 6 Polders have been prepared by the Contractor, submitted to the World Bank

W-03

- The Initial Environmental Examination (IEE) of 7 Polders approved by Department of Environment (DoE)
- Praft Environment Impact Assessment (EIA) reports (along with review of World Bank and IPOE, Environment and third party M&E Consultants) of 6 Polders have been prepared and submitted to PMU, the last one (Polder 34/3) to be submitted by first week of September, 2018.

Monitoring EMP Implementation

Bi-annual Environment Monitoring Report

- ➤ Bi-annual Environment Monitoring Reports are being prepared and submitted regularly
- ➤ The Fifth (and the latest) of such reports for the period January-June, 2018 has been *submitted on 08 August, 2018*.

Monthly progress report on Environment

Monthly progress report on Environmental activities and their progress is submitted regularly

Environmental Monitoring Activities

- Monitoring of Environment, Health and Safety (EHS) issues of construction activities and workers are monitored regularly as per the World Bank and DoE's Guidelines
- Regular reports based on the findings of field visit are prepared and submitted
- ➤ Training on EHS issues are imparted to the Contractor's personnel for proper compliance of World Bank's EHS Guidelines

Implementation of RAP (to date)

- ➤ Status of Land Acquisition W-01
- ➤ Status of Land Acquisition W-02
- ➤ Issuing of EP ID Cards W-02

Table -6: Status of land acquisition for four Polders under Package-1 as of August 2018.

			Program	D 1	Approved (ha)		Possession	Pending (ha)		Fund	Payment	
SL No	Polder no.	District	for L.A. (ha)	Proposal submitted to DC (ha)	DLAC	MoL	received(ha)	DC	MoL	placed BDT in Lac	of CUL by DC in BDT Lac	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
1	32	Khulna	50.65	50.65	50.65	50.65	50.65 (26.09.17)	•	-	1615.38	792.70	Persuasion to expedite the CUL payment to Aps is going on
2	33	Khulna	16.81	16.81	14.28	10.94	10.94 (27.09.17)	5.87	-	885.00	281.10	Persuasion to expedite the CUL payment to Aps is going on. Issuance of notices u/s-4 is served against 3.34 ha Banishanta Mauza, joint verification completed. Reconnaissance field visit will be held soon by DC, Khulna for Chunkuri Mauza against 2.53 ha land.
3	35/1	Bagerhat	40.03	40.03	30.17	30.17	30.17 (22.03.18)	09.86	-	4525.92	2363.81	Persuasion to expedite the CUL payment to APs is going on. Necessary activities are going on for all three mauzas by the DC office to the newly proposed lands.
4	35/3	Bagerhat	24.81	24.81	24.81	24.81	24.81 (08.11.17)	-	-	1510.51	848.22	Persuasion to expedite the CUL payment to Aps is going on.
	Sub-To	otal=	132.30	132.30	119.91	116.57	116.57	15.73		8536.81	4285.83	

Table -7: Status of land acquisition for Package-2 as of August 2018

SL No	Polder no.	District	Program for L.A. (ha)	Proposal submitted to DC (ha)	Appro	oved (ha) MoL	Possession received(ha)	Status of handover from DC to BWDB (ha)		Fund placed BDT in Lac	in BDT	Remarks	
1	2	3	4	5	6	7	8	0	10	11	Lac 12	13	
1		Pirojpur&Jhalokhati		115.95	115.95	115.95	-	115.95				Approved by MoL (06.12.2017). Notice u/s- 6 served. Final estimate is ongoing.	
2	40/2	Barguna	12.45	12.45	12.45	11.67		12.45				Approved by MoL (13.03.2018).remain 0.78 ha pending for court Case. Preparation of estimates under processed.	
3	41/1	Barguna	8.35	8.35	8.35	8.35		8.35		317.00		Approved by MoL (13.03.2018), Issuance of notices U/S-7 is going on.	
4	43/2C	Patuakhali	14.66	14.66	14.66			14.66	-			DLAC (14.03.2018). Waiting for issuance of notices u/s-4.	
5	47/2	Patuakhali	2.31	2.31	2.31	2.31		2.31	•			Approved by MoL (05/04/2018) Preparation of estimate is under processed	
6	48	Patuakhali	0.90	0.90	0.90	0.90		0.90	-		-	Approved by MoL (9/7/18). Waiting for issuance of notices U/S-6	
	Total			154.62	154.62	139.18	:	154.62			: :		

Table -10: Status of current progress of Polder wise EP ID Cards of Package-2 as of August 2018

Polder No.	Number of EP Cards submitted to DDCS & PMS Consultants	Number of EP Cards verified by DDCS Consultant	Number of Cards approved by PD	List of EP ID Card approved date by PD and sent to XEN for issuance	Date of EP ID Card Submission to XEN for signature by RAP/LAP Team	Number of EP ID Cards Submitted to XEN for issuance	Number of EP ID Cards issued by XEN
0	1	2	3	4	5	6	7
39/2C	-	-					
40/2	466	466	466	16/7/17,	20/07/17,	466	Not yet
40/2				28/01/18	06/03/18		
44/4	216	216	204	16/7/17	20/07/17,	176	Not yet
41/1				22/10/17	07/12/17	28	Not yet
43/2C	503	503	378	28/01/18	07/03/18	378	271
47/0	131	131	131	16/7/17,	6/8/17	101	131
47/2	8-43-55	000.000.000	17.00	28/01/18	07/03/18	131	
	1310	1310	1310	26/7/17	24/9/17		
48				27/7/17		1310	
				13/8/17	13/8/17		600
				28/01/18	07/03/18		
Total=	2489	2489	2489			2489	1002

