

BANGLADESH WATER DEVELOPMENT BOARD



Project Completion Report: IMED 04/2003(Revised)

Name of the Project : Protection of Horina Ferryghat area in Sadar Upazila and Charbhairabi Katakhal Bazar in Haimchar Upazila in the District Chandpur from the erosion of the Meghna River (1st Revised).

Implementation Period : July, 2017 to June, 2023

Name of Ministry/Organization : Ministry of Water Resources /Bangladesh Water Development Board.

Name of BWDB Division : Chandpur O&M Division, BWDB, Chandpur.

Name of BWDB Circle : Chandpur O&M Circle, BWDB, Chandpur.

Name of BWDB Zone : Eastern Zone, BWDB, Cumilla.

September 2023

Government of the People's Republic of Bangladesh
Ministry of Planning
Implementation Monitoring and Evaluation Division

PROJECT COMPLETION REPORT: IMED 04/2003 (Revised)

A. PROJECT DESCRIPTION:

01. Name of the Project : Protection of Horina Ferryghat area in Sadar Upazila and Charbhairabi Katakahl Bazar in Haimchar Upazila in the District Chandpur from the erosion of the Meghna River (1st Revised).
02. Administrative Ministry/Division : Ministry of Water Resources (MoWR).
03. Executing Agency : Bangladesh Water Development Board (BWDB).
04. Location of the Project : Chandpur Sadar & Haimchar Upazila, District: Chandpur.
05. Objective of the Project :
- To provide safety of different government and non government infrastructure valued about Tk 99210.00 lakh from erosion of the Meghna River.
 - To protect 1500 hectare of land from erosion of Meghna River and 2.25 lakh people will be benefited.
 - To improve economic activities by constructing protective works at vulnerable location along the left bank of the Lower Meghna River.
 - To provide safety of the flood control embankment of Chandpur Irrigation Project and reduce flood risk in the project area.
 - To continue the current production of 43.43 metric ton crops inside Chandpur Irrigation Project.

06. Estimated Cost :

(In lakh Taka)

	Original	Latest Revised (1st)
(a) Total	19077.06	19048.17
(b) Taka	19077.06	19048.17
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07.	Date of Approval	:	PCP	PP
(a) Original		:		13-09-2017
(b) No Cost Time Extension (1 st time)				29-06-2020
(c) Latest Revised (1 st)		:		25-02-2021
(d) No Cost Time Extension (2 nd time)				10-06-2021
(e) No Cost Time Extension (3 rd time)				09-06-2022

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	01-07-2017	30-06-2020
(b) No Cost Time Extension (1 st time)	01-07-2017	30-06-2021
(c) Latest Revised (1st)	01-07-2017	30-06-2021
(d) No Cost Time Extension (2 nd time)	01-07-2017	30-06-2022
(e) No Cost Time Extension (3 rd time)	01-07-2017	30-06-2023
(f) Actual	01-07-2017	30-06-2023

09. Financing Arrangement (Source-wise):**9.1 Status of Loan/Grant**

a) Foreign Financing : N/A

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of Effective -ness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8

b) GOB:

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
19048.17	N/A	19048.17	-

9.2 Utilization of Project Aid: (Source wise) N/A

(In million)

Source (s)	Total Amount		Actual Expenditure		Unutilized Amount	
	In US \$	In Local Currency	In US \$	In Local Currency	In US \$	In Local Currency
1	2	3	4	5	6	7

9.3 Re-imbursible Project Aid (RPA): N/A

(In lakh Taka)

R P A Amount		Amount Spent	Amount Claimed	Amount Re-imbursed	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6

B. IMPLEMENTATION POSITION

01. Implementation Period:

Implementation Period as per PP		Actual Implementation period	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
July 2017 to June 2020.	July 2017 to June 2023.	July 2017 to June 2023.	100%	• Due to morphological changes of Meghna River, design of river bank protection work had been revised • 1600 meter new protection works added to the project • Covid-19 pandemic situation affects on the implementation of the project. • High cost of materials, lack of labour and construction materials these are the main causes of extension of the implementation period to finish the physical works completely.

02. Cost of the Project:

(In lakh Taka)

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised			
1	2	3	4	5	6
TOTAL	19077.06	19048.17	16635.07	(-)12.66%	
TAKA	19077.06	19048.17	16635.07		
PA	-	-	-	-	

03. Project Personnel:

Sanctioned strength as per PP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per pp	Existing manpower for O & M	Others		
1	2	3	4	5	Male	Female
Officer (s)	The Project had been implemented by existing manpower of BWDB (Chandpur O & M Division, BWDB, Chandpur). No new/extra manpower had been appointed for the implementation of the project.					
Staff(s)						
Total:						

04. Training of Project Personnel (Foreign/Local): No training programme was included in the DPP of the project.

Field of Training /Study tour /workshop /Seminar etc.	Provision as per DPP		Actual		Remarks
	Number of persons	Man - months	Number of persons	Man - months	
1	2	3	4	5	6
a. Foreign	-----N/A-----				
b. Local	-----N/A-----				

05. Component-wise Progress (As per latest approved PP):

(In lakh Taka)

Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial 1	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Revenue Component:						
Travel Expenses	LS	6.00	100%	5.98	98.17%	-
Petrol & Lubricant	LS	11.00	100%	10.17	92.46%	-
Printing & Publication	LS	6.00	100%	5.99	99.84%	-
Stationary, Seal & Stamps	LS	3.00	100%	3.00	100%	-
Hydrological & Morphological Study/Survey i/e with River Dredging and protection work	LS	10.00	100%	-	-	The item was not done as per decision of the 9 th PSC meeting.
Honorium for PSC, PIC & TEC Members	LS	5.00	100%	4.99	99.80%	-
Mid-Term Evaluation of the Project	LS	10.00	100%	9.85	98.50%	-
Survey & Investigation	LS	10.00	100%	10.00	100%	-
Repair of Existing Vehicles (Jeep 5 nos, Speed Boat 1 no. & Motor Cycle 1 no.)	LS	10.00	100%	9.99	100%	-
Repair and maintenance work of existing Office Building (Chandpur O&M Circle Office Building) & Rest House	LS	40.00	100%	38.05	95.13%	-
Sub-Total =		111.00		98.02		
Capital Component:						
Jeep-5 Door (Made by Pragoti) 1 No. (2477 CC)		100.00	100%	-	-	Vehicle was not procured due to restriction as per cost containment policy of the finance ministry.
Survey Instrument: Plan table and levelling instrument	set	3.00	2	3.00	2	-

Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
including staff, stand etc. - 2 sets						
Total Station including all accessories for conducting Bathemetric Survey of River Morphology.	set	19.65	1	19.65	1	-
River Bank protection work on the left bank of Meghna River (at Horina from km. 7.106 to km. 9.636=2530m + at Charbhairabi km. 69.674 to km. 70.534=860m, Total length = 3390m).	km	17209.55	3.390	15503.55	3.390	As the tenderer quoted price was near about 10% less than the official cost estimate, the actual financial progress deviated from the targeted financial progress. Moreover payment made as per actual work done value and BWDB taskforce measurement.
Construction of 2 numbers End-Termination (1 No. at Horina, length = 78.50m + 1 No at Charbharabi-Katakai, length = 165m, Total length = 243.50m)	m	1254.97	243.5	1010.85	243.5	As the tenderer quoted price was near about 10% less than the official cost estimate, the actual financial progress deviated from the targeted financial progress. Moreover payment made as per actual work done value and BWDB taskforce measurement.
Dredging work of submergible char on the left Bank of the Meghna River (Volume of Earth work = 1.61 lakh Cum)	cum	250.00	161000	-	-	Work not done as per decision of 9 th PSC meeting.
Sub-Total=		18837.17		16537.05		
Total (a+b)=		18948.17		16635.07		
c) Physical Contingency=		50.00		-		
d) Price contingency=		50.00		-		
Grand Total (a+b+c+d)=		19048.17	100.00%	16635.07	97.00%	

06. Information regarding Project Director (s):

Name & Designation with pay Scale.	Full time	Part time	Responsible for more than one project	Date of		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
Nizamul Hoque Bhuiyan Superintending Engineer Scale: 50000-71200 (4 th Grade)	Yes	-	Yes	24-10-2017	16-02-2019	
Md. Rafiq Ullah Superintending Engineer Scale: 50000-71200 (4 th Grade)	Yes	-	Yes	17-02-2019	11-10-2020	
Md. Shafikul Islam Superintending Engineer Scale: 50000-71200 (4 th Grade)	Yes	-	Yes	12-10-2020	12-06-2021	
Md. Zakir Hossain Superintending Engineer Scale: 50000-71200 (4 th Grade)	Yes	-	Yes	13-06-2021	Till date	

07. Procurement of Transport (in nos.):

Type of transp ort	Nu mbe r as per P.P.	Procure d with date	Transferred to Transport Pool with date	Transferred to O & M with date	Condemne d/damaged with date	Remarks
1	2	3	4	5	6	7
Car	-	-	-	-	-	
Jeep	1	-	-	-	-	Vehicle was not procured due to restriction as per cost containment policy of the finance ministry.

08. Procurement of Goods, Works and Consultancy Services:

08.1 Goods & Works of the Project costing above Tk. 200.00 lakh. and consultancy above Tk. 100.00 lakh:

Description of procurement (goods/works)	Tender/Bid/Proposal Cost (in crore Taka)	Tender/Bid/Proposal	Date of completion of works/services and supply of goods
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/consultancy) as per bid document	As per DPP (1 st Revised)	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
River Bank Protection work on the left bank of the Meghna river from km. 7.106 to km 7.421 = 315 m. Package No.: H/W1/2017-18 to 2019-20	Original-15.43 Revised-12.58	Original-12.58 Revised-12.58	23/04/2018	20/06/2018	30/06/2020	30/11/2021
River Bank Protection work on the left bank of the Meghna river from km. 7.421 to km 7.721 = 300 m. Package No.: H/W2/2017-18 to 2019-20	Original-16.16 Revised-13.23	Original-13.23 Revised-13.23	23/04/2018	26/06/2018	30/06/2020	31/05/2021
River Bank Protection work on the left bank of the Meghna river from km. 7.721 to km 8.036 = 315 m. Package No.: H/W3/2017-18 to 2019-20	Original-15.03 Revised-11.80	Original-11.80 Revised-11.80	23/04/2018	16/07/2018	30/06/2020	30/11/2021
River Bank Protection work on the left bank of the Meghna river from km. 69.674 to km 70.104 = 430 m. Package No.: H/W4/2017-18 to 2019-20	Original-15.45 Revised-20.65	Original-13.94 Revised-19.44	23/04/2018	16/07/2018	30/06/2020	31/05/2022
River Bank Protection work on the left bank of the Meghna river from km. 70.104 to km 70.534 = 430 m. Package No.: H/W5/2017-18 to 2019-20	Original-15.48 Revised-20.55	Original-13.85 Revised-19.31	23/04/2018	16/07/2018	30/06/2020	31/05/2022
Construction of 2 Nos. End- Termination (1 at Horina, Length= 78.50 M + 1 at Charbhoirabi- Katakhal, Length= 165 M, Total	Original-12.17 Revised-12.55	Original-11.78 Revised-11.28	23/04/2018	20/06/2018	30/06/2020	26/06/2023

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per DPP (1 st Revised)	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Length= 243.50 M. Package No.: H/W6/2017-18 to 2019-20						
Dredging work of submergible char on the left Bank of the Meghna River. Package No.: H/W7/2017-18 to 2019-20	250.00	-	-	-	-	
Bank Protective work along the Left bank of Meghna river Km 8.036 to Km 8.336 = 300.00m Package No.: H/W9/2020-21	17.22	15.14	05/11/2020	09/03/2021	30/06/2021	26/06/2023
Bank Protective work along the Left bank of Meghna river Km 8.336 to Km 8.786 = 450.00m Package No.: H/W10/ 2020-21	26.22	23.61	05/11/2020	02/03/2021	30/06/2021	26/06/2023
Bank Protective work along the Left bank of Meghna river Km 8.786 to Km 9.236 = 450.00 m Package No.: H/W11/ 2020-21.	26.32	23.68	05/11/2020	09/03/2021	30/06/2021	31/05/2023
Bank Protective work along the Left bank of Meghna river Km 9.236 to Km 9.636 = 400.00m Package No.: H/W12/ 2020-21	23.50	21.15	05/11/2020	10/03/2021	30/06/2021	31/12/2022

8.2 Use of Project Consultant (s) (Foreign/Local): No consultant was deployed in this project.

Name of the Field	Approved man month		Actual man month utilised	Remarks
	As per PP	As per contract		
1	2	3	4	5
(a) Foreign:	-----N/A-----			
(b) Local:	-----N/A-----			

09. Construction/Erection/Installation Tools & Equipment:

Description of items	Quantity (as per PP)	Quantity procured with date	Transferred to O & M with date	Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
Levelling Machine	02 set	02 set 30/06/2018	Chandpur O&M Division 30/06/23	-	2	Is being used for survey work in monitoring the implemented work.
Total station	01 set	01 set 30/06/2018	Chandpur O&M Division 30/06/23	-	1	Is being used for survey work in monitoring the implemented work.

C. FINANCIAL AND PHYSICAL PROGRAMME:

01. (a) Original and revised schedule as per PP :

(In lakh Taka)

Financial Year	Financial provision & physical target as per original DPP				Financial provision & physical target as per latest revised DPP			
	Total	Taka	P.A.	Physical %	Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9
2017-18	4644.50	4644.50	-	24.35	31.51	31.51	-	0.16
2018-19	8566.00	8566.00	-	44.90	2494.56	2494.56	-	13.10
2019-20	5866.56	5866.56	-	30.75	1802.94	1802.94	-	9.47
2020-21	-	-	-	-	14719.16	14719.16	-	77.27
2021-22	-	-	-	-	-	-	-	-
2022-23	-	-	-	-	-	-	-	-
Total	19077.06	19077.06		100.00	19048.17	19048.17		100.00

01. (b) Revised ADP allocation and progress :

(In lakh Taka)

Financial Year	Revised Allocation & target				Taka release	Expenditure & physical progress			
	Total	Taka	P.A.	Physical %		Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9	10

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per DPP (1 st Revised)	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Length= 243.50 M. Package No.: H/W6/2017-18 to 2019-20						
Dredging work of submergible char on the left Bank of the Meghna River. Package No.: H/W7/2017-18 to 2019-20	250.00	-	-	-	-	
Bank Protective work along the Left bank of Meghna river Km 8.036 to Km 8.336 = 300.00m Package No.: H/W9/2020-21	17.22	15.14	05/11/2020	09/03/2021	30/06/2021	26/06/2023
Bank Protective work along the Left bank of Meghna river Km 8.336 to Km 8.786 = 450.00m Package No.: H/W10/ 2020-21	26.22	23.61	05/11/2020	02/03/2021	30/06/2021	26/06/2023
Bank Protective work along the Left bank of Meghna river Km 8.786 to Km 9.236 = 450.00 m Package No.: H/W11/ 2020-21.	26.32	23.68	05/11/2020	09/03/2021	30/06/2021	31/05/2023
Bank Protective work along the Left bank of Meghna river Km 9.236 to Km 9.636 = 400.00m Package No.: H/W12/ 2020-21	23.50	21.15	05/11/2020	10/03/2021	30/06/2021	31/12/2022

8.2 Use of Project Consultant (s) (Foreign/Local): No consultant was deployed in this project.

Name of the Field	Approved man month		Actual man month utilised	Remarks
	As per PP	As per contract		
	2	3	4	5
(a) Foreign:	-----N/A-----			
(b) Local:	-----N/A-----			

2017-18	500.00	500.00	-	2.62	31.51	31.51	31.51	-	0.16
2018-19	2500.00	2500.00	-	13.12	2500.00	2494.56	2494.56	-	17.78
2019-20	1957.00	1957.00	-	10.27	1955.50	1802.94	1802.94	-	9.17
2020-21	4019.00	4019.00	-	21.10	3519.00	3515.40	3515.40	-	27.14
2021-22	6000.00	6000.00	-	31.50	6000.00	5972.24	5972.24	-	32.75
2022-23	3434.00	3434.00	-	21.39	3370.50	2818.42	2818.42	-	10.00
Total	18410.00	18410.00		100.00	17376.51	16635.07	16635.07		97

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
(a) To provide safety of different government and non government infrastructure valued about Tk 99210.00 lakh from erosion of the Meghna River.	(a) River Bank Protective work of 3.390 Km along the Left Bank of the lower Meghna River has been completed to ensure the safety of different valuable properties.	N/A
(b) To protect 1500 hectare of land from erosion of Meghna River and 2.25 lakh people will be benefited.	(b) Safety of the different vulnerable land, human lives, immovable properties of local people are provided by 3.390 km protective work along the Left Bank of the lower Meghna River.	N/A
(c) To improve economic activities by construction of protective works at vulnerable location along the left bank of the Lower Meghna River.	(c) Different valuable establishments like Horina ferry ghat, BIWTA terminal, Katakhal bazar and other local economic activities are enhanced by protective work along the Left Bank of the lower Meghna River.	N/A
(d) To provide safety of the flood control embankment of Chandpur Irrigation Project and reduce flood risk in the project area.	(d) Protection of the Chandpur Irrigation Project and flood risk in project area is reduced by protective work along the Left Bank of the lower Meghna River.	N/A
(e) To continue the current production of 43.43 metric ton crops inside Chandpur Irrigation Project.	(e) The security of the food production and the continuation of the cultivation is ensured by protective work. Socio-economic development and sustainable environment development is balanced in the project area.	N/A

E. BENEFIT ANALYSIS

01. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1st year of operation at full capacity (or during, real production for newly completed project).
a) Agricultural land saved from erosion	Ha	1500.00	1500.00
b) Households saved from erosion	nos	2105.00	2105.00
c) Ponds saved	nos	80.00	80.00
d) Electricity distribution line saved	km	28.00	28.00
e) Schools and Madrasha saved	nos	12.00	12.00
f) Medium and small size markets, local hat saved	nos	7.00	7.00
g) Horina Ferry Ghat saved	nos	1.00	1.00
h) Horina Ferry Ghat Market saved	nos	1.00	1.00
i) Govt. and private offices saved	nos	6.00	6.00
j) Small and medium sized enterprises saved	nos	12.00	12.00
k) Coconut and Betel nut garden saved	nos	90.00	90.00
l) RHD/ LGED/ Pourashava/ Local road saved	km	7.5	7.5
m) BWDB flood control embankment protected	km	10.00	10.00
n) Ibrahimpur-Sakhua recently completed river bank protective work saved	km	8.00	8.00
o) Katakhal Bazar saved	nos	1.00	1.00
p) Mosques saved	nos	10.00	10.00
q) Temple saved	nos	2.00	2.00

02. Cost / Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project		Will be evaluated later by concern directorate of BWDB & IMED.
(i) Financial	-	
(ii) Economic	2.09 : 1.00	
(2) Internal Rate of Return		
(i) Financial	-	
(ii) Economic	30.75%	

03. Please give reasons for shortfall, if any, between the estimated and actual benefit:

Not Applicable.

F. MONITORING AND AUDITING

0.1 Monitoring:

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
(a) Ministry			
1) Mr. Mohammad Yusuf Addition Secretary, Ministry of Water Resource.	21/11/18	-	1) Instructed to start mobilization within 15-12-2018 in all work sites and complete works according to the design & specification within proper time.
2) Mr. Md. Musa Joint Secretary (Development-1), Ministry of Water Resource.	31/03/21 to 03/04/21	-	1) 85% mobilization works completed. 2) Works of the on-going packages will be completed within the running fiscal year. 3) Works of four (04) new packages have started. The project completion period is required to extend to complete the works properly.
3) Mr. Abdullah Al Arif Deputy Secretary (Development-1), Ministry of Water Resource.	10/06/22 to 13/06/22	-	1) Instructed to complete works according to the design & specification within project time period. 2) Extension of project upto June, 2023 and allocation of funds is required.
4) Ms. Syeda Salma Jafrin. Additional secretaty, Ministry of Water Resources	17/01/22	-	1) The physical and financial progress of the project is not satisfactory. Necessary initiatives should be taken to achieve the physical progress as per target period.
b) IMED:			
1) Mr.Md. Afzol Hosen Director, IMED.	24/06/19	-	1) Initiatives must be taken very soon to complete the dredging works according to the decision of the steering committee. 2) Initiatives must be taken to complete the river bank protective works in Charbhairabi under Haimchar upazila. 3) Strict monitoring must be ensured to complete the project within targeted time period by implementing agency and the controlling ministry. 4) Update progress report of the project should be send by "Project Management Information System". 5) Works the completed according to the design and specification and required monitoring must be ensured.

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
2) Mr. Khalil Ahmed Director, Sector-4, IMED	10/02/21	-	1) The project period will end on June, 2021. That means only four months time is remaining. Physical progress of the project is 31.25% and the financial progress is 25.52%. So, it is not possible to complete the work within targeted time. "Time bound Action Plan" is required to complete the project within targeted period. 2) No contractor participated in invited tender for dredging works (tender was invited 3 times). Decision can be taken by the suggestion of the controlling ministry. 3) Hydrological & Morphological study is not completed although the progress of the project is 32%. Mid term evaluation of the project is not conducted yet. Vehicle is not purchased. These points can be taken in consideration by the Steering committee. 4) Changes in the working design of package no-H/W1/2017-18 of Horina ferryghat from proposed design can be taken in consideration by the controlling ministry. 5) Sizes of the stone chips below CC blocks is more than 40 mm are found in the field observation. All materials must be ensured ensured according to the tender specification. 6) Block sizes must be ensured according to design of DPP. 7) CC block was not used in the ramp of Horina ferryghat. So the bill of that package must be paid after measuring exact work done. 8) Slope of the protective work in Charbhairabi Katakhal must be implemented according to the design of the DPP. Total station must be used in dumping and placing of geo bags.
c) BWDB:			
1) Mr. Md. Mahbur Rahman Additional Director General (East Region), BWDB, Dhaka.	15/07/22 to 16/07/22	-	1) Instructed to keep continuous monitoring of the Chandpur town protection project area and complete the emergency temporary protection works respectively. 2) Complete all the works of the project "Protection of Horina Ferryghat area in Sadar Upazila and Charbhairabi Katakhal Bazar in Haimchar Upazila in the District Chandpur from the erosion of the Meghna River (1st Revised)" as per design and specification within proper time. 3) Targeted Tree plantation programme must be implemented properly.

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
2) Md. Zakir Hossain, Superintending Engineer, Chandpur O&M Circle, BWDB, Chandpur.	24/11/21	-	1) Geobags of different packages (no.-3, 4, 5, 6, 9, 10, 11) are kept in direct sunlight, which may hamper the quality of geobags. Necessary actions must be taken to dump these geobags according to the design. 2) Casting of CC blocks (package no 11 and 12) are inaugurated in Lamchari char. These blocks must be cured properly and necessary steps must be taken after curing accordingly. 3) Earth cutting and filling works must be done according to the design. 4) Progress of all packages must be enhanced.

0.2 Auditing during and after Implementation:

2.1. Internal Audit: Not Conducted.

Period of Audit	Date of submission of Audit Report	Major findings/objections	Whether objections resolved or not.
1	2	3	4

2.2 External Audit:

Audit period	Date of submission of Audit Report	Major findings/objections	Whether objections resolved or not.
1	2	3	4
2017-18	07-12-2022	VAT was not deducted on the premium of insurance for contract value of works.	Para wise reply was submitted, but the observation is not resolved yet.
2018-19	06-10-2022	Financial loss of Government for not getting revenue BDT 87030372.00 as the contractor did not perform insurance for contracted works.(SFI)	Para wise reply was submitted, but the observation is not resolved
2019-20	06-10-2022	Paying bill of BDT 136005581.00 irregularly without the geo-bag dumping report of Diving team violating the instruction of DPP of river bank protective works (SFI).	Para wise reply was submitted, but the observation is not resolved
2019-20	14-06-2022	Financial loss of Government due to revenue loss of BDT 16542426.00 for not performing insurance for different risks of the contract according to the condition of contracts.	Para wise reply was submitted, but the observation is not resolved

Audit period	Date of submission of Audit Report	Major findings/objections	Whether objections resolved or not.
1	2	3	4
2020-21	07-12-2022	Irregular payment of the mid term evaluation fund of the project to the evaluation committee/ steering committee as honorarium uniformly without the order of finance ministry (SFI).	Para wise reply was submitted, but the observation is not resolved
2020-21	07-12-2022	Extending the validity of works performance security infringing the PPR-2008 and paying the final bill in different interval without the deduction of LD.	Para wise reply was submitted, but the observation is not resolved
2021-22	12-02-23	Financial loss of Government due to revenue loss of BDT 429415.00 for not performing insurance for different risks related to contract according to the condition of contracts.	Para wise reply was submitted, but the observation is not resolved
2021-22	17-08-23	Financial loss of Government BDT 3480269.00 for paying bill with additional unit rate than the approved DPP.	Para wise reply was submitted, but the observation is not resolved
2021-22	12-02-23	Financial loss of Government BDT 12188923.00 for paying bill without proper document by field inspection for earth work by carried earth.	Para wise reply was submitted, but the observation is not resolved
2021-22	17-08-23	Financial loss of Government BDT 2702710.00 for paying bill for buying Geobags without requirement.	Para wise reply was submitted, but the observation is not resolved
2021-22	12-02-23	Financial loss of Government BDT 836776.00 for paying bill with additional unit rate than the estimated amount following approved schedule rate -2019.	Para wise reply was submitted, but the observation is not resolved
2021-22	12-02-23	Financial loss of Government BDT 2149853.00 for paying bill with additional unit rate than the approved RDPP.	Para wise reply was submitted, but the observation is not resolved

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background

The project area is situated to the south of Chandpur Town along the Left Bank of the Lower Meghna River adjacent to Horina Ferry ghat in Chandpur Sadar Upazila and at Katakhal Bazar of Char Bhoirobi in Haimchar Upazila. Lower Meghna River is one of the largest river system in the world, which conveys the combined discharge of 1350 billion M^3 of water from a total catchment area of about 1.72 million Km^2 and carry a sediment load of about 1.15 billion tons annually (Delft Hydraulics & DHI: 1996) of the three major rivers of Bangladesh as the Brahmaputra, the Ganges and the Meghna into the Bay of Bengal. The project areas (Horina Ferry ghat and Katakhal Bazar of Char Bhoirobi) are very much renowned and important places for its regional economic growth-centre and Horina Ferryghat facility, which connects Chittagong-Khulna Road communication via Ferry Services over the Lower Meghna River. Having regional flourishing economic growth and multiway road transport & river communication facilities, it plays a key role in the economic development of the locality and the country.

The Meghna & the Lower Meghna were flowing with a trend of shifting main course leftward at several locations which have caused and still causing severe erosion to those locality. During 1975-76, the erosion rate was so aggravated that a huge area of the locality in Chandpur Sadar & Haimchar Upazilas were eroded into the river and caused breaching of the Flood Control Embankment of Chandpur Irrigation Project (CIP) in several locations. In the near past, during the late monsoon of 2008, severe recurrent erosion started to engulf lands and localities of Chandpur Sadar & Haimchar Upazilas. The river bank shifted towards the country eroding almost 150m to 300m into the river. Now, the very important flood control embankment of CIP is barely 400m to 500m away from the Bank line. The rate of erosion is so high that at any moment the embankment may extinct into the Meghna. This might lead to national disaster causing severe damages to the locality and the Chandpur Irrigation Project, which is one of the most successful FCDI project of BWDB.

Horina is an important place in Chandpur Sadar Upazila which plays vital role in the rural economy. Communication between Chandpur & Shariatpur district is maintained through Horina Ferry Ghat. Lot of important establishments like mosque, madrasa, local market, BIWTA Terminal, High School etc. are situated near the erosion prone area. The main embankment of Chandpur Irrigation Project (CIP) will be endangered if the rate of river bank erosion continues as it is ongoing. Char Bhairabi is also an economic growth centre. Local fish market, launce ghat, local market etc. plays an important role and contribute a lot in the rural economy.

Accordingly this DPP "Protection of Horina Ferryghat area in Sadar Upazila and Charbhairabi Katakhal Bazar in Haimchar Upazila in the District Chandpur from the erosion of the Meghna River" costing Tk. 9958.90 lakh for implementation of 1922.58 meter river bank protection work was prepared and submitted to the Planning Commission for it's approval by the Ministry of Water Resources vide memo no. 42.00.0000.042.14.023.13-89, date- 06/07/2015. Up on examination and observation on the said DPP, Planning Commission returned back the same vide their memo no. 20.358.014.01.02.208.2015-163, date- 26/08/2015

with comments, "Protection of Horina Ferryghat area in Sadar upazila and Charbhairabi Katakhal bazar in Haimchar upazila in the district Chandpur from the erosion of the Meghna River project is requested to resubmit the project including dredging works after proper feasibility study proposed by Bangladesh Water Development Board under the Ministry of Water Resources". To comply with this requirements, BWDB constituted a 05 (five) member Technical Committee vide it's memo no bwdb/bs/pori-1/bibidh-3/2002(9th part) date-10/12/2015 asking to prepare and submit a Technical Report containing feasibility study of the proposed "Protection of Horina Ferryghat area in Sadar Upazila and Charbhairabi Katakhal Bazar in Haimchar Upazila in the District Chandpur from the erosion of the Meghna River " project including feasible option of River Dredging Work under the project Technical Committee has been prepared the Report and submitted the same to the BWDB authority and got consequently vetted. Following the requirements of Planning Commission and recommendations of the Technical Committee re-cast DPP (January, 2016) costing Taka. 11770.26(-) Lakh was framed for implementation of 1922.58 meter River Bank Protection Work and 10,25,000 M³ River Dredging Work of Lower Meghna river at Katakhal area in Haimchar Upazila during FY 2016-17 to 2018-19 and forwarded for onward kind approval. Appraisal meeting on the said DPP was held on 08 May, 2016 in the Planning Commission and was listed for consideration in the next following PEC meeting. But in the meantime DPP was returned back asking for re-cast the same following the instruction "Capital dredging must be included in embankment and river bank protective works and 50-60% of the estimated cost must be allocated for capital dredging works" incorporated in the letter of Planning Commission issued vide memo no. 20.358.014.01.02.208.2015-61, date 19/06/2016. In compliances of the said instruction Technical Committee have been further reviewed their Technical Report and set out new recommendations of river dredging work of 61,25,000 M³. Accordingly re-cast DPP was framed at an estimated cost of TK. 22659.82 Lakh, out of which total estimated cost for physical components stands to Tk. 22068.95 lakh, of which cost for river dredging work is Tk. 12432.03 lakh, which is 56.33 % of total estimated cost of civil works; and the same was onward submitted for kind approval of the competent authority. PEC's meeting was held on 16-10-2016 on the said re-cast DPP and consequently recommended for approval processing subject to compliances of the decisions incorporated in the minutes circulated by Planning commission vide memo no. 20.358.014.01.02.208.2015-136, date-25/10/2016. In compliances of the decisions, re-cast DPP (November, 2016) at an estimated cost of TK. 15056.06 lakh was prepared, considering river dredging cost at 50 (fifty) percent of the bank protection work, and the same was onward submitted for kind approval in the ECNEC meeting. Under this situation 2nd PEC meeting has been hold on 02-02-2017 on the said re-cast DPP (November, 2016), and consequently recommended for approval processing subject to compliances of the decisions incorporated in the minutes circulated planning commission vide memo no. 20.358.014.02.208.2015-28, date 12/02/2017.

1.2 Justification/Adequacy

The progressive bank line shifting of the Meghna river located at the project area has been endangered the very existence of Chandpur Irrigation Project. In this locality annual rate of bank erosion of the river is 150 m to 300 m. Without immediate erosion mitigation measures further retirement of embankment and loss of important establishment and agricultural land cannot be stopped. The proposed project will not only protect the embankment of CIP including its important establishment but also safeguard physical damage and human sufferings and also the very existence of the completed Two Projects of Haimchar and Ibrahimpur-Sakhua.

Failure of the embankment as well as project facilities of the CIP due to river erosion will have socio-economic and environmental impacts on lives and properties of 1.50 million inhabitants of the project area will be severely endangered. It is anticipated that if the erosion continues huge land including important Govt. and private establishment will be eroded over the next coming years. To save these important establishments and assets from immediate ruination due to river erosion, the proposed protective and river dredging work required to be executed on priority basis. Otherwise substantial losses of properties and infrastructures will be incurred.

1.3 Objectives

The objectives of the project is to provide safety of the flood control embankment of Chandpur Irrigation Project, human lives, properties and improve economic activities by construction of protective works at vulnerable location along the left bank of the Lower Meghna River. Valuable establishments valued Tk. 99210.00 lakh are supposed to be saved and benefits shall be achieved by implementation of proposed protective works.

However, the specific objective and targets of the projects are as follows:

- To provide safety of different government and non government infrastructure valued about Tk 99210.00 lakh from erosion of the Meghna River.
- To protect 1500 hectare of land from erosion of Meghna River and 2.25 lakh people will be benefited.
- To improve economic activities by constructing protective works at vulnerable location along the left bank of the Lower Meghna River.
- To provide safety of the flood control embankment of Chandpur Irrigation Project and reduce flood risk in the project area.
- To continue the current production of 43.43 metric ton crops inside Chandpur Irrigation Project.

1.4 Project revision with reasons

This project costing 19077.06 lakh Taka was approved by ECNEC on 01/08/2017. Under this project protective works 1790 M, 2 nos End termination and 7 Km dredging of Meghna River were included. Total 6 packages for protective works and 1 package for dredging were planned. 6 Packages for protective works were called as tenders and works were ongoing. However, tenders for dredging have been called 3 times without any response. This issue was discussed on 1st PSC meeting on 23/06/2019 and decision was taken as "Recommended to Justify the requirement of 07 (seven) km dredging works at Charbhairabi in Haimchar upazila under Chandpur district by constituting a technical committee". Moreover, as time has lapsed from the initiation to the implementation of the project, morphological change has been observed of Meghna River along HaimchorUpazila at Char Bhoirobi 860 M work site. So design review was needed for that work and 1 nos of End Termination. A Technical committee was formed as Bangladesh Water development board secretarial memo no.: 35-WDB(BS)/ER/Lus-2019, date-08/04/2019 and memo no.: 173-WDB(BS)/ER/Lus-2019, date-31/07/2019. As per the recommendation of the Technical Committee, it was decided on 2nd PSC meeting held on 21/11/2019 to remove dredging works and extend the length of the works at Horina area from the saved amount. Design data were sent and new extended design were approved for new works, revised design were approved for ongoing works at Haimchar. Accordingly, new estimates were prepared using BWDB Schedule of Rates 2019-2020 for 1600 meter extended protective works

at Horina alongside previous works of this project. This revised DPP was submitted to the ministry where evaluation meeting was held on 10/03/2020 and DPEC meeting was held on 19/01/2021. Project has been revised according to decision of DPEC meeting and revised project costing 19048.17 lakh taka was approved on 25/02/2021.

2. Rationale of the project in respect of Concept, Design, Location and Timing.

Horina Ferryghat area is an important place in Chandpur Sadar Upazila which plays vital role in the rural economy. Communication between Chandpur & Shariatpur district is maintained through Horina Ferry Ghat. Lot of important establishments like mosque, madrasa, local market, BIWTA Terminal, High School etc. are situated near the erosion prone area. The main embankment of Chandpur Irrigation Project (CIP) will be endangered if the rate of river bank erosion continues as it is ongoing. Char Bhairabi is also an economic growth centre. Local fish market, launce ghat, local market etc. plays an important role and contribute a lot in the rural economy.

Chandpur Irrigation Project, which is one of the most successful FCDI project of BWDB. It covers approximately 54000 hectares area poldered by 100 Km embankment, encompassing Chandpur Sadar, Haimchar, Faridganj Upazila of Chandpur district and Raipur-Ramganj Upazila of Laxmipur district. It is very important and essential for the irrigation and agriculture of this area. It is very important for the economy of the country to protect these assests and people. So the project is rational and justified.

3. Brief description on planning and financing of the project and its applicability.

- ◆ **Project Identification:** The project area is situated to the south of Chandpur Town along the Left Bank of the Lower Meghna River adjacent to Horina Ferry ghat in Chandpur Sadar Upazila and at Katakhal Bazar of Char Bhoirobi in HaimcharUpazila. It was identified to protect this important economical area and also to protect the very important Chandpur Irrigation Project.
- ◆ **Project Preparation:** Project DPP costing Tk. 9958.90 lakh for implementation of 1922.58 meter river bank protection work was prepared and submitted to the Planning Commission for it's approval by the Ministry of Water Resources vide memo no. 42.00.0000.042.14.023.13-89, date-06/07/2015. Following the requirements of Planning Commission and recommendations of the Technical Committee recast DPP (January, 2016) costing Taka. 11770.26(-) Lakh was framed for implementation of 1922.58 meter River Bank Protection Work and 10,25,000 M³ River Dredging Work of Lower Meghna river at Katakhal area in HaimcharUpazila during FY 2016-17 to 2018-19 and forwarded for onward kind approval.
- ◆ **Appraisal:** Appraisal meeting on the said DPP was held on 08 May, 2016 in the Planning Commission and was listed for consideration in the next following PEC meeting.
- ◆ **Credit Negotiation :** N/A
- ◆ **Credit Agreement:** N/A
- ◆ **Credit Effectiveness:** N/A
- ◆ **Loan Disbursement:** N/A
- ◆ **Loan Conditionalities:** N/A

- ♦ **Project Approval:** In compliances of the decisions, re-cast DPP (November, 2016) at an estimated cost of TK. 15056.06 lakh was prepared, considering river dredging cost at 50(fifty) percent of the bank protection work, and the same was onward submitted for kind approval in the ECNEC meeting. Under this situation 2nd PEC meeting has been hold on 02-02-2017 on the said re-cast DPP (November, 2016), and consequently recommended for approval processing subject to compliances of the decisions incorporated in the minutes circulated vide Planning commission memo no.: 20.358.014.02.208.2015-28, date-12/02/2017 at an final estimated project cost is Tk.19077.06lakh.

4. Analysis of the Post-Implementation situation and result of the project:

- 4.1 Whether the beneficiaries of the project have clear knowledge about the Target/ Objectives of the project. Yes**
- 4.2 Programme for use of created-facilities of the project**
N/A
- 4.3 O & M programme of the project.**
After completion of the project major repair/ rehabilitation works will be accomplished from regular O & M budget of BWDB. For post-project recurrent O & M works Tk. 438.85 lakh will be required per year. However, annual O&M works will be done by BWDB's existing manpower.
- 4.4 Impact of the project -**
 - 4.4.1 Direct:** This project will protect a large area from erosion at Horina and Charbhairabi, protecting the land, people, assets and also the flood control embankment of Chandpur Irrigation Project.
 - 4.4.2 Indirect:** Through the completed work extended flood protection to an area of 57000 ha of CIP project shall be ensured. Mitigation of river bank erosion will result in increased economic activities and settlement and Chittagong-Khulna road communication via ferry facilities at Horina -Shariatpur over the Lower Meghna River shall be sustained.
- 4.5 Transfer of Technology and Institutional Building through the project:**
This project has learned from past projects. Similarly lessons learned from this project can be used for future implementation of similar projects. Effectiveness of newly introduced CC Blocks with 12.00 MPa strength can be observed and studied through this project.
- 4.6 Employment generation through the project.**
The project will mitigate erosion, promoting settlement and stability of the people. This will allow for increased economic activities and will generate new employment. Employment will also be need during the implementation of the project. Alleviation of poverty will be considered as synonymous with development.
- 4.7 Possibility of Self employment**
This project will create stability. Young people will be encouraged to settle in the area and create new business ventures. Stability will also allow increased and better service of electricity and internet, allowing newer options for self-employment.
- 4.8 Possibility of women-employment opportunity**
Socio-economic, education, health and friendly environment condition shall sustain in post project condition. The project will help to protect the schools, Madrashes, colleges, health and family planning centers situated in the Wards of the municipal

and adjacent rural areas from where the urban women and children including the poor and the under privileged will be benefited. This will increase possibility of women employment.

4.9 Women's participation in development

A large number of manpower will be required during the implementation of the project. This will allow the participation of women in development works. Post-project, the improved socio-economic condition of the area will allow more women to participate and contribute to the development of the country.

4.10 Probable Impact on Socio-Economic activity.

The proposed project will promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services. This will develop the socio-economic condition of the area.

4.11 Impact on environment

The project is to provide safety of human lives, properties and to enhance economic activities as well as natural environmental balance against devastating river erosion. No negative impact shall be resulted due to implementation of the proposed project, rather environmental balanced situation shall be achieved.

4.12 Sustainability of the project

The project is a protective work which is an immovable construction with no mechanical parts or moving parts. Damage to the surface can occur due to wave action over a long period, which can be identified through regular observation. Regular maintenance can be done to prolong the service life of the project and keep it sustainable.

4.13 Contribution to poverty alleviation/reduction

The proposed project will alleviate poverty through accelerated economic growth during the plan period to bring about a noticeable improvement in the standard of living of citizens by raising their level of income and ensuring adequate supply of basic needs. Alleviation of poverty will be considered as synonymous with development.

4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc.

The local people have all been waiting for such a project to be implemented in this area. The response of this project is very positive, not only from the people of the area but also from the people of Shariatpur and other area who regularly use the service of the Ferry Ghat and Embankment roads.

4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.

N/A

5. Problems encountered during Implementation (with duration & steps taken to remove those)

5.1 Project Management No problems arised	5.12 Project aid disbursement and re-imbursment N/A
5.2 Project Director No problems arised	5.13 Mission of the development partners. N/A
5.3 Land Acquisition N/A	5.14 Time & Cost Over-run Time over-run occurred due to delays caused by change in design of works, extension of works and also delay caused by effect of Covid pandemic, high cost of materials and lack of labour and materials. Cost over-run did not occur.
5.4 Procurement No problems arised during procurement. However, no bids were received for dredging package after calling tenders 3 times. This package was then later removed as per decision of PSC.	5.15 Project Supervision/Inspection No problems arised
5.5 Consultancy N/A	5.16 Delay in Decision No problems arised
5.6 Contractor No problems arised in general. However one contractor made slow progress for package of End Termination.	5.17 Transport No problems arised
5.7 Manpower Manpower available wasn't sufficient as per DPP. Existing manpower had to take additional charge to implement the project.	5.18 Training N/A
5.8 law & Order No problems arised	5.19 Approval No problems arised
5.9 Natural clamity Yearly floods were regular. Work had to be stopped during period of high water level.	5.20 Others.
5.10 Project financing, allocation and release. No problems arised	
5.11 Design formulation/approval No problems arised	

6. Remarks & Recommendations of the Project Director:

During the implementation of the project, a total of 3.390 km. river bank protection works have been done. The 3390-meter permanent protective work will save livelihood of local people dwelling near the river bank line as well as embankment and important infrastructures of the locality. During the implementation of this project, members of different committees & monitoring authorities visited project site and gave their opinions which has helped in implementation of the project within project period. Project was implemented properly following respective design, drawing and specification. The

quantity and quality of the physical works were ensured by Taskforce committee of BWDB and concerned officials of BWDB.

The Project is specifically linked with SDGs (Goal-1: End Poverty in all its form End hunger, Goal-2: Achieve food security and improved nutrition and promote sustainable agriculture, Goal-5: Achieve gender equality and empower all women and girls, Goal-11: Make cities and human settlements inclusive, safe, resilient and sustainable, Goal-13: Take urgent action to combat climate change and its impact). The Ministry of Water Resources has been engaged in all programs relating to water sector development and management. It will continue to deal with flood erosion protection. There are other Bangladesh Development Goals which have to be achieved through Poverty Reduction Strategy. So, Water Sector has a vision for development and management of Water Resources over medium and long term. The vision for water resources sector has been indicated in the declaration of the National Water Policy document of GOB (1999). Vision, incorporated in the document is as follows:

“Ensuring continued progress towards fulfilling the national and MDG goals of development through acquisition of water resources, optimizing its various use, managing resources for poverty reduction and sustainable development for securing their lives and properties from water related disasters”.

As water is a cross cutting resource, its use is broad-based. Water is a resource on the one hand and a mainstay of livelihoods on the other. So, the goal is not confined within the water sector alone, it extends deep into the livelihoods functions of water (e.g., agriculture, fisheries, health, land reclamation, environment etc. including disasters and climate change). All of these have direct or indirect implications for poverty reduction. The socio-economic condition of the people has been improved. Scopes of new jobs & works have been also created. The safety of human livelihood and properties has also been improved.

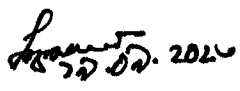
After successful implementation of this project, vast area of Chandpur Sadar upazila and Haimchar upazila have been protected from severe bank erosion of the Meghna River.

Moreover, worldwide COVID-19 pandemic squeezed up eligible working time. Still with close monitoring and careful supervision. It's a remarkable achievement which will be helpful in solving acute land erosion problem of Bangladesh.

Recommendation: This project is performing well and good as per expectation. Like any other development projects especially as a hydrological project of more numbers of uncertainties, it will require periodic maintenance of the physical structures. Every year through bathemetric survey should be conducted before and after monsoon to investigate the bed level condition of dumping materials. Proper monitoring and regular maintenance of the implemented revetment works are required from non development revenue budget for the more sustainability of the project. Administrative steps should be taken on regular basis to address illegal extraction of sand from river bed of that river reach.

Date :


(Md. Zahurul Islam)
Executive Engineer
Chandpur O&M Division
BWDB, Chandpur.

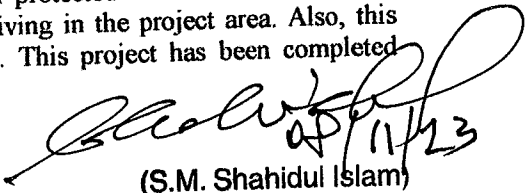

Signature and seal of the Project
Director/Manager

(মোঃ জাকির হোসেন)
তত্ত্বাবধায়ক প্রকৌশলী
চাঁদপুর পল্লব সার্কেল
বাপাউবো, চাঁদপুর।

7. Remarks/Comments of Agency Head

The aim of this project was to protect Horina ferryghat area in Sadar upazilla and Chabhairabi Katakhal bazar in Haimchar upazilla of the Chandpur District. To achieve this aim, a total of 3.390 km river bank protective work has been implemented on the left bank of the Lower Meghna River. Upon implementation of this project, the project area has been protected from severe river bank erosion thus providing safety to approximate 2.25 lakh people living in the project area. Also, this project saved infrastructures worth around 993.10 crore taka. This project has been completed successfully.

Date :


(S.M. Shahidul Islam)
ID NO: 650307001
Director General
BWDB, Dhaka
Signature and Seal

8. Remarks/Comments of the officer in- charge of the Ministry/Division

River bank protective work of 3.390 km along the left bank of the Lower Meghna River has been completed and 2 nos end termination has been constructed under this project. This project has been completed successfully which will ensure the safety of different valuable establishment of the project area.

Date :

Signature and Seal

