

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT: IMED-04/2024

Name of the Project: Bank Protection work of the Sangu and Dalu Rivers in Satkania and Lohagara Upazilas of Chittagong District (2nd Revised)

PROJECT PERIOD: OCTOBER 2017 TO JUNE 2025.

DIVISION : CHATTOGRAM WD DIVISION-I, BWDB, CHATTOGRAM.

CIRCLE : CHATTOGRAM WD CIRCLE, BWDB, CHATTOGRAM.

ZONE : SOUTH-EASTERN ZONE, BWDB, CHATTOGRAM.

Government of the People's Republic of Bangladesh

Ministry of planning

Implementation Monitoring and Evaluation Division

PROJECT COMPLETION REPORT (PCR): IMED 04/2024 (Revised)

A. PROJECT DESCRIPTION

01.	Name of the Project	:	Bank Protection work of the Sangu and Dalu Rivers in Satkania and Lohagara Upazilas of Chittagong District (2nd Revised)
02.	Administrative Ministry/Division	:	Ministry of Water Resources (MoWR).
03.	Executing Agency	:	Bangladesh Water Development Board (BWDB).
04.	Planning Commission Sector/Division	:	Agriculture, Water Resources and Rural Institutions Division.
05.	Type of Project (Investment/Technical/Feasibility Study): Investment		
06.	Location of the Project (As per Project Document):		
Sl. No	Division	District	City Corporation/ Municipality/Upazila
1	Chattogram	Chattogram	Satkania, Lohagara & Chandanaish

07. Estimated Cost, Implementation Period and Approval:

(In Lakh Taka)

Subject	Approved Estimated Cost				Implementation Period	Date of Approval	Approved by
	Total	GOB (Foreign Exchange)	PA (RPA)	Self-finance			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Original	33334.21	33334.21	-	-	October, 2017 to June, 2020	09-01-2018	ECNEC
1 st Revised	35486.49	35486.49	-	-	October, 2017 to June, 2021	07-06-2020	MoWR
1 st No Cost Time Extension	35486.49	35486.49	-	-	October, 2017 to June, 2022	28-06-2021	MoWR
2 nd No Cost Time Extension	35486.49	35486.49	-	-	October, 2017 to June, 2023	20-06-2022	Planning Commission
3 rd No Cost Time Extension	35486.49	35486.49	-	-	October, 2017 to June, 2024	20-07-2023	Planning Minister
2 nd Revised	34360.99	34360.99	-	-	October, 2017 to June, 2025	31-07-2024	Planning Minister

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08. Objective of the Project

Overall objective: The overall objective of the project is to mitigate riverbank erosion of the Sangu and Dalu rivers through appropriate river training and dredging interventions, thereby protecting critical infrastructure and settlements, enhancing hydraulic efficiency and navigability, and promoting sustainable agricultural development, socio-environmental security, and ecological balance in Lohagara, Chandanaish and Satkania upazilas.

Specific Objectives (in bullets):

- To protect homesteads, agricultural lands, religious institutions, educational facilities, road infrastructure, bridges/culverts, power transmission lines, and other key installations in Lohagara and Satkania upazilas from riverbank erosion of the Sangu and Dalu rivers;
- To improve the hydraulic performance of the river system by increasing bed levels through dredging, thereby enhancing navigability and flow conveyance capacity;
- To support agricultural productivity, ensure social and environmental safety, contribute to poverty reduction, and maintain ecological stability

09. Background of the Project (In brief):

The Sangu River, originating along the Bangladesh–Myanmar border, flows through several upazilas of Bandarban and Chattogram districts before discharging into the Bay of Bengal. The Dalu River originates in the Bandarban Hill District and functions as a tributary of the Sangu River, eventually joining it before outfall into the Bay. Both rivers are highly dynamic and undergo significant morphological changes, particularly during the monsoon season when intense riverbank erosion poses a recurring threat to adjacent settlements and infrastructure.

Over the years, severe erosion along the left bank of the Sangu River—particularly in areas such as Tulatali, Brahmandanga, South Charati, Amilaish, Mokterkum, and Moishamora—and along the right bank at Dwip Charati area of Satkania Upazilla has caused substantial loss of land and assets. Similarly, both banks of the Dalu River, including Amilaish, East Dalu, West Dhemsra, Rampur, Ichamati Alinagar, Ghatiadanga, Satkania Municipality, Pedan Sikdarpara, Rupkanai, Fateh Ali Shah Mazar, Aktariapara, Dr. Habibur Rahman Para, Golabhita, and Adhunagar, have remained highly vulnerable to erosion. These erosion tendencies have threatened homesteads, agricultural lands, educational and religious institutions, and critical infrastructure such as roads, bridges, culverts and power transmission lines.

In response to persistent demands from local communities and representatives the initiative for a comprehensive river protection project was undertaken. A technical committee formed for this purpose conducted field investigations and prepared a technical report in February 2016, which acted

as the basis for the Development Project Proposal (DPP). The project was subsequently approved by ECNEC on 9 January 2018 with an initial estimated cost of BDT 333.34 crore and implementation period from October 2017 to June 2020.

The project scope included riverbank protection works along both Sangu and Dalu rivers, as well as dredging activities aimed at improving flow conveyance capacity and reducing erosion risks. During implementation, the project underwent revisions to address field realities, including cost adjustments, time extensions, and modifications in intervention strategy. In particular, constraints related to land acquisition for disposal of dredged materials and the increasing intensity of erosion in certain reaches necessitated a shift in focus from dredging to additional bank protection works.

Based on recommendations from technical and steering committees and subsequent field assessments, the project scope was rationalized and updated through successive revisions. Ultimately, the interventions were completed with a combination of riverbank protection and selective dredging works, resulting in the protection of critical assets, safeguarding of thousands of households, and preservation of significant agricultural land in Lohagara, Chandanaish and Satkania upazilas.

10. Major Activities:

- Protective work 13.430 Km.
- Dredging over a 19.250 km reach of Sangu River

11. Reasons for Revision:

The project was initially approved by ECNEC on 9 January 2018 with an estimated cost of BDT 33,334.21 lakh and implementation period from October 2017 to June 2020. Subsequently, the 1st Revised Development Project Proposal (RDPP) was approved by the Ministry of Water Resources on 7 June 2020, revising the project cost to BDT 35,486.49 lakh to accommodate increasing of rates in dredging works as well as including two key erosion prevents in Sangu and Dalu rivers and extending the implementation period up to June 2021.

The original project scope included riverbank protection works along the Sangu and Dalu rivers and dredging interventions in selected reaches of the Sangu River to improve flow conveyance and reduce erosion. Over the course of implementation, riverbank protection works and a substantial length of dredging activities were completed; however, dredging operations in certain reaches could not be executed due to field-level constraints, particularly the unavailability of khas land for disposal of dredged materials and local resistance.

The issue was subsequently reviewed in the 7th meeting of the Project Steering Committee, where a field-based assessment was recommended. Accordingly, the Director General of BWDB and a technical committee conducted site inspections and submitted detailed reports. Based on these

findings, it was concluded that while dredging should proceed in feasible reaches, the unimplemented dredging components could be rationalized, and the corresponding savings could be utilized for priority riverbank protection works in highly vulnerable locations. Extreme flooding and erosion in the monsoon of 2023 further increased the urgency of additional protection work.

The matter was further deliberated in subsequent Steering Committee meetings and in the District Water Resources Development and Management Committee meeting held on 19 March 2023. It was decided that, in locations where dredging was not practically feasible, riverbank protection works would be undertaken to counteract erosion problem.

In line with these decisions, the project scope was revised to include additional riverbank protection works in selected critical reaches of the Sangu River. A 2nd Revised DPP was prepared incorporating these changes. During the appraisal of the 2nd RDPP in the Project Evaluation Committee (PEC) meeting held on 26 May 2024, further rationalization of quantities—particularly for block and geo-bag dumping—and adjustment of actual costs for completed dredging packages were recommended, resulting in a reduction of the overall project cost.

Finally, the 2nd Revised DPP was approved on 31 July 2024 with a revised project cost of BDT 34,360.99 lakh and an extended implementation period up to June 2025. The revision ensured optimal allocation of resources by prioritizing effective riverbank protection measures over constrained dredging activities, and the project was subsequently completed in accordance with the revised scope.

11.1 Reasons for No-Cost Time Extension (if applicable):

- 3 times No-Cost Time Extension:

Three no-cost time extensions were required mainly due to a combination of factors: difficulties in finding responsive bidders in dredging works, implementation constraints in dredging works and subsequent changes in project scope. In addition, delays in fund flow, adverse weather conditions, disruptions caused by COVID-19 further slowed progress, necessitating extension of time without additional cost.

12. Financing Arrangement (Source-wise):

12.1 Status of Loan/Grant

a) Foreign Financing: NA

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

b) GOB:

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Total amount	Loan	Grant	Cash Foreign Exchange
(1)	(2)	(3)	(4)
34360.99	-	34360.99	-

c) Self-finance/Equity: NA

Total amount	Self-finance	Equity	Cash Foreign Exchange
(1)	(2)	(3)	(4)
-	-	-	-

12.2 Utilization of Project Aid (Source wise): NA

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)
-	-	-	-	-	-	-

12.3 Reimbursable project Aid (RPA): NA

Source (s)	RPA Amount		Amount	Amount	Amount	Remarks
	As per Project Document	As per Agreement	Spent	Claimed	Re-imbrued	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
-	-	-	-	-	-	-

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B. IMPLEMENTATION POSITION

13. Implementation Period:

Implementation Period as per Project Document		Actual implementation	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised (2 nd Revised)			
(1)	(2)	(3)	(4)	(5)
October, 2017 to June, 2020	October, 2017 to June, 2025	October, 2017 to June, 2025	181.82%	The project experienced delays across multiple phases, starting from the original DPP and continuing through the 1st Revised DPP due to implementation constraints in dredging works and evolving field conditions caused further delays, resulting in three no-cost time extensions. During this period, field-level realities necessitated adjustment of planned interventions, particularly shifting focus from dredging to additional riverbank protection works, which were later incorporated under the 2nd Revised DPP. Additional factors such as funding constraints, adverse river conditions, and COVID-19 disruptions also contributed to the overall delay before eventual project completion.

14. Cost of the Project:

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised (2 nd revised)			
(1)	(2)	(3)	(4)	(5)	(6)
Total	33334.21	34360.99	32351.21	3.08	
Taka	33334.21	34360.99	32351.21	3.08	
PA	-	-	-	-	

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15. Information regarding Project Director (s):

Name, Main Designation & Grade. Mobile Number (From Beginning)	Full time (Yes/No)	Part time (Yes/No)	Responsible for more than one project	Period		Remarks
				Joining	Transfer	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bidyut Kumar Saha Executive Engineer Grade-5 Mobile Number: 01911-059497	Full	No	Yes	29/04/2019	12/11/2019	
Tayan Kumar Tripura Executive Engineer Grade-5 Mobile Number: 01920-210753	Full	No	Yes	29/01/2020	04/04/2022	
Mohammad Ali Executive Engineer Grade-5 Mobile Number: 01712-809543	Full	No	No	04/04/2022	28/06/2022	
Shibendu Khastagir Additional Chief Engineer Grade-3 Mobile Number: 01716-869871	Full	No	Yes	26/04/2023	14/10/2024	
Showkat Ibne Shahid Executive Engineer Grade-6 Mobile Number: 01785-914403	Full	No	No	11/12/2024	30/06/2025	

16. Personnel:

16.1 Personnel of Project implementation Unit (PIU): Project work has been completed by the existing manpower of Chattogram WD Division-I, BWDB, Chattogram.

Sl. No.	Name of Post (Grade)	Approved Strength	Employed during Implementation
(1)	(2)	(3)	(4)
-	-	-	-
Total=	-	-	-

16.2 Personnel Required after the Project Completion: After completion of the project existing manpower of Chattogram WD Division-I, BWDB, Chattogram will maintain the project.

Sl. No.	As Proposed in Project Document (PD)		Recruited (Yes/No)	If not recruited explain reason and latest status
	Name of Post	Number		
(1)	(2)	(3)	(4)	(5)

-	-	-	-	-
Total=	-	-	-	-

17. Training (Foreign/Local): NA

Category	Sl. No.	No. of Days/Weeks/Months (D/W/M), Batch & Participants					
		As in Project Document			Achievement		
		D/W/M	Batch (s)	Participants(s)	D/W/M	Batch (s)	Participants(s)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Local Training							
Sub Total=							
Foreign Training							
Sub Total=							
Total=							

(PD= Project Document)

18. Component-wise Progress (As per latest approved Project Document):

Name of Component	Unit	Quantity	Estimated Cost (Taka in Lac)					Actual Progress (Taka in Lac)				
			Total	GOB	P A	Self-finance	Others	Total	GOB	PA	Self-finance	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(a) Revenue:												
Fuel & Lubricant	LS	1 item	13.00	13.00	-	-	-	12.40	12.40	-	-	-
Printing and Publication	LS	1 item	4.00	4.00	-	-	-	3.42	3.42	-	-	-
Office Stationery, seal and stamps	LS	1 item	4.00	4.00	-	-	-	3.47	3.47	-	-	-
Traning/Study Tour	LS	1 item	0.00	0.00	-	-	-	0.00	0.00	-	-	-
Survey and Investigation	LS	1 item	10.00	10.00	-	-	-	9.00	9.00	-	-	-
Honorarium of Different Committee	LS	1 item	10.00	10.00	-	-	-	9.00	9.00	-	-	-
Honorarium for Mid-term Evaluation	LS	1 item	9.35	9.35				9.35	9.35	-	-	-
Computer, Photocopier & official equipment	LS	1 item	3.65	3.65	-	-	-	2.00	2.00	-	-	-

Name of Component	Unit	Quantity	Estimated Cost (Taka in Lac)					Actual Progress (Taka in Lac)				
			Total	GOB	P A	Self-finance	Others	Total	GOB	PA	Self-finance	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Renovation & Repair of Rest House	LS	1 item	50.00	50.00	-	-	-	50.00	50.00	-	-	-
										-	-	-
(A) Sub-total of Revenue Component			104.00	104.00				98.64	98.64			
(B) Capital Component:												
Levelling machine and other equipment- 5 Nos Levelling Machine	Nos	5	13.00	13.00	-	-	-	13.00	13.00	-	-	-
Photocopier Machine – 2 nos	Set	2 nos	3.87	3.87	-	-	-	3.87	3.87	-	-	-
Multimedia Projector – 1 nos	Set	1 nos	1.50	1.50	-	-	-	1.50	1.50	-	-	-
River Bank Protective work in Sangu River= 8.07 Km	Km	8.07 Km	16555.39	16555.39	-	-	-	15191.32	15191.32	-	-	-
River Bank Protective work in Dalu River= 5.360 Km	Nos	5.360 Km	7130.47	7130.47	-	-	-	7130.47	7130.47	-	-	-
Dredging work at Different Location in Sangu River = 19.25 km	Km	19.25 km	10552.76	10552.76	-	-	-	9912.41	9912.41	-	-	-
(B) Sub-Total of Capital Component	-		34256.99	34256.99	-	-	-	32252.57	32252.57	-	-	-
Sub-Cost (A+B) =			34360.99	34360.99	-	-	-	32351.21	32351.21	-	-	-
(C) Physical Contingency	3436 0.99		0.00	0.00	-	-	-	0.00	0.00	-	-	-
(D) Price Contingency			0.00	0.00	-	-	-	0.00	0.00	-	-	-
Grand Total (A+B+C+D)			34360.99	34360.99				32351.21	32351.21			

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19. Procurement of Transport (in Nos.) :

Type of transport	Number as per Project Document	Number Procured with date	Transferred to Transport Pool with date	Transferred to O&M with date	Condemned/damaged with date	Returned or transferred to following project	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Car							
Jeep							
Microbus							
Minibus							
Bus							
Pick-up							
Truck							
Motor -Cycle							
By-cycle							
Speed Boat							
Launch							
Others with name							

20. Project Consultant (s) (Local/Foreign): NA

Name of the Field	Approved man month		Actual man month utilized	Number of Deliverables		Remarks
	As per Project Document	As per contract		As per Project Document	Actual	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
a) Local:						
b) Foreign:						

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21. Infrastructure/Erection/Installation Tools & Equipment:

Description	Quantity (as per project document)	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	5 Nos	5 Nos 13/03/2023	01/07/2025	-	-	Being Used at Chattogram WD Division-1, BWDB Office
Photocopier Machine	2 nos	2 Nos 27/06/2022	01/07/2025	-	-	Being Used at Chattogram WD Division-1, BWDB Office
Multimedia Projector	1 Nos	1 Nos 20/06/2020	01/07/2025	-	-	Being Used at Chief Engineer, South Eastern Zone's Conference room

22. Procurement of Goods, Works and Services:

22.1 Information on packages:

- a) Total number of packages as per Project Document: 29 Nos (Goods-3 Nos; Works-26 Nos; Services-0)
- b) Total number of packages procured: 29 Nos (Goods-3 Nos; Works-26; Services-0)
- c) Reason for not procuring (if any): N/A
- d) Number of packages for which the estimated cost is more than 1% of the estimated cost of the project: -----
-----(Goods-0; Works-25 Nos; Services-0)

22.2 Detailed Package-wise information of Goods, Works and Services (For each case the highest 50 (fifty) packages) (Please use the format as in Annexure-I (a), I(b) and I(c))

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C. FINANCIAL AND PHYSICAL TARGET AND PROGRESS

23. Original and Revised Financial Provision and physical Target (as per Project Document):

Financial Year	Financial provision & physical target as per original Project Document						Financial provision & physical target as per latest revised Project Document					
	Total	GOB	P.A.	Self-finance	Others	Physical %	Total	GOB	P.A.	Self-finance	Others	Physical %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2017-18	7871.66	7871.66	-	-	-	23.61%	5.00	5.00	-	-	-	0.01%
2018-19	19931.86	19931.86	-	-	-	59.79%	1441.62	1441.62	-	-	-	4.20%
2019-20	5530.69	5530.69	-	-	-	16.59%	5734.44	5734.44	-	-	-	16.69%
2020-21	0.00	0.00	-	-	-	0.00%	3999.00	3999.00	-	-	-	11.64%
2021-22	0.00	0.00	-	-	-	0.00%	7963.00	7963.00	-	-	-	23.17%
2022-23	0.00	0.00	-	-	-	0.00%	4999.86	4999.86	-	-	-	14.55%
2023-24	0.00	0.00	-	-	-	0.00%	1216.00	1216.00	-	-	-	3.54%
2024-25	0.00	0.00	-	-	-	0.00%	9002.07	9002.07	-	-	-	26.20%
Total	33334.21	33334.21				100.00%	34360.99	34360.99				100.00%

24. Revised ADP allocation and progress:

Financial Year	Revised Allocation & target						GOB Release	Expenditure & physical progress						Unspent* GoB Released
	Total	GOB	P.A.	Self-Finance	Others.	Physical %		Total	GOB	P.A.	Self-Finance	Others.	Physical %	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)=8-10
2017-18	5.00	5.00	-	-	-	0.01%	5.00	5.00	5.00	-	-	-	0.01%	0.00
2018-19	1500.00	1500.00	-	-	-	4.50%	1445.00	1441.62	1441.62	-	-	-	4.32%	3.379
2019-20	5739.00	5739.00	-	-	-	16.17%	5737.50	5734.44	5734.44	-	-	-	16.16%	3.064
2020-21	4000.00	4000.00	-	-	-	11.27%	4000.00	3999.00	3999.00	-	-	-	11.27%	1.0186
2021-22	8000.00	8000.00	-	-	-	22.54%	7999.95	7963.00	7963.00	-	-	-	28.14%	37.132
2022-23	5500.00	5500.00	-	-	-	15.50%	4999.95	4999.86	4999.86	-	-	-	12.60%	0.102
2023-24	1216.00	1216.00	-	-	-	3.43%	1216.00	1215.20	1215.20	-	-	-	6.50%	0.796
2024-25	7000.00	7000.00	-	-	-	21.25%	6999.40	6993.09	6993.09	-	-	-	18.00%	6.309
Total	32960.00	32960.00					32402.80	32351.21	32351.21				97.00%	

*Attach the Proof for Reconciliation of Unspent GOB Released

**To determine the physical quantity, use the formula as in the circular of Planning Division

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT

25. Project objective, Actual achievement and Reason for shortfall (if any)::

Objectives as per Project Document	Actual achievement	Reasons for shortfall (if any)
To protect homesteads, agricultural lands, religious institutions, educational facilities, road infrastructure, bridges/culverts, power transmission lines, and other key installations in Lohagara and Satkania upazilas from riverbank erosion of the Sangu and Dalu rivers.	Riverbank protection works of approximately 13.430 km were implemented along the Sangu and Dalu rivers, including additional critical reaches under later revision, resulting in protection of homesteads, infrastructure, and erosion-prone areas in project locations	No shortfall
To improve the hydraulic performance of the river system by increasing bed levels through dredging, thereby enhancing navigability and flow conveyance capacity	Dredging works were executed over approximately 19.25 km of the Sangu River leading to improved flow conveyance and localized enhancement of navigability	
To support agricultural productivity, ensure social and environmental safety, contribute to poverty reduction, and maintain ecological stability	Approximately 12,000 hectares of agricultural land were protected, and around 6,000 people along with various community establishments were safeguarded, contributing to improved livelihood security and stabilization of the local environment	

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E. BENEFIT ANALYSIS

26. Annual Out-put:

Sl. No.	Description of Properties	No/ Quantity	Unit	Unit Value	Financial value	Economic value
1	2	3	4	5	6	7
1	Bridges	25	Nos	50	1250	1362.5
2	Culverts	68	Nos	15	1020	1111.8
3	Pucca Shop	265	Nos	15	3975	4332.75
4	Katcha Shop	872	Nos	2	1744	1900.96
5	Semi Pucca Shop	342	Nos	2	684	745.56
6	Pucca Mosque/ Temple	20	Nos	16	320	348.8
7	Pucca School Building	32	Nos	25	800	872
8	Katcha Road	873	Kms	5	4365	4757.85
9	Brick Soling Road	109	Kms	9	981	1069.29
10	Pucca Road	63	Kms	30	1890	2060.1
11	Kcha Home stead	1877	Nos	3	5631	6137.79
12	Semi Pucca Home stead	2356	Nos	4	9424	10272.16
13	Pucca Home stead	1856	Nos	25	46400	50576
14	Pucca School/ Community Clinic	23	Nos	40	920	1002.8
15	Madrasha Building (Pucca)	32	Nos	30	960	1046.4
16	Agricultural Land	12000	hac	12	144000	156960
17	Saw Mills	101	Nos	25	2525	2752.25
18	Union Parisad (U.P) Building	10	Nos	50	500	545
19	Hospital/ Health Centre	19	Nos	30	570	621.3
	Grand Total =				227599	248475.31

27. Cost/Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project:		It will be evaluated later by concern directorate of BWDB & IMED.
(i) Financial	-	
(ii) Economic	2.65:1.00	
(2) Internal Rate of Return:		
(i) Financial	-	
(ii) Economic	28.67%	

28. Please give reasons for shortfall, if any, between the estimated and actual benefit: No Shortfall.

F. MONITORING AND AUDITING

29. Monitoring:

Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
1	2	3	4
a) IMED:			
Mr. Md. Afzal Hossain Director General, IMED, Sector-4.	16-03-2021	Not found	i) Necessary action to be taken for the time extension of the project. ii) The progress of this project should be accelerated ensuring proper quality.
Mr. Md. Saiful Hossain Director General, IMED, Sector-4.	27-05-2023	Not found	i) Necessary action to be taken for the time extension of the project. ii) The progress of this project should be accelerated ensuring proper quality.
b) Ministry/Agency:			
Mr. Mollik Saeed Mahbub Additional Secretary MoWR	29-07-2023	Not Found	i) Quickly submit the revised DPP to replace blocked dredging works with riverbank protection based on public demand. ii) Identify vulnerable areas, including Dakshin Brahmandanga, and immediately perform emergency repair works.
Mr. Jatan Marma, Deputy Secretary MoWR	27-10-2023	Not Found	i) Take necessary steps to complete the ongoing riverbank protection package on time. ii) Promptly verify and forward the revised DPP to the Planning Commission, replacing obstructed dredging works with riverbank protection. iii) Identify vulnerable areas, including Dakshin Brahmandanga, and immediately execute emergency contingency works.
Mr. Fazlur Rashid Director General, BWDB	20-10-2022	Not Found	i) Cancel dredging in obstructed areas to reallocate resources toward publicly demanded riverbank protection, while simultaneously expediting viable dredging operations. ii) Extend the project deadline to June 2023 without additional costs, and officially conclude the project after a task force assesses the completed works.
Mr. Akhil Kumar Biswas Chief Engineer South-Eastern Zone, BWDB	Several Times	Not Found	i) All work must be executed in strict adherence to the approved design and specifications. ii) Project progress must be expedited to ensure timely completion.
Mr. Romjan Ali Pramanik Chief Engineer	Several Times	Not Found	i) All work must be executed in strict

Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
South-Eastern Zone, BWDB			adherence to the approved design and specifications. ii) Project progress must be expedited to ensure timely completion.
Mr. Shibendu Khastagir Additional Chief Engineer South-Eastern Zone, BWDB	Several Times	Not Found	i) All work must be executed in strict adherence to the approved design and specifications. ii) Project progress must be expedited to ensure timely completion.
Mr. Dr. Jiban Kumar Sarker, PEng. Superintending Engineer, Design Circle-4, BWDB, Dhaka	21-11-2022	Not Found	i) Officially close out the dredging packages where work is no longer feasible due to local public opposition and practical constraints. ii) Immediately resume and expedite dredging operations in unobstructed areas, strictly adhering to the original design to ensure proper water flow and mitigate bank erosion. ii) Prepare and submit a Revised Development Project Proposal (RDPP) to redirect the unspent funds from the canceled dredging packages toward prioritizing urgent riverbank protection and reinforcement works on the Sangu and Dalu rivers.
Mr. K.M. Julfikar Tareq Superintending Engineer Chattogram WD Circle, BWDB	Several Times	Not Found	i) All work must be executed in strict adherence to the approved design and specifications. ii) Project progress must be expedited to ensure timely completion.
c) Others: (Please specify)			

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30. Auditing during and after Implementation:

30.1 Internal Audit:

Period of Audit	Date of submission of Audit Report	Sl. No.	Major findings/objections and Money involved	Whether objections resolved or not (if not, mention status)
1	2	3	4	5
Total findings/objections and Money involved=				

30.2 External Audit:

Period of Audit	Date of submission of Audit Report	Sl. No.	Major findings/objections and Money involved	Whether objections resolved or not (if not, mention status)
1	2	3	4	5
2019-2020	06-01-2021	07 (SFI)	Financial loss due to estimate preparation and wage payment considering 100% placement of CC blocks and dumping distance beyond 200 meters. (BDT. 21,09,648.93)	Settled (Memo dated 08-03-2022).
2019-2020	11-01-2021	12(3) (SFI)	Financial loss due to non-deduction of LD for delayed completion. (BDT. 3,90,01,027.00)	Settled (Memo dated 05-01-2022).
2021-2022	25-09-2022	20 (SFI)	Financial loss due to non-insurance, incorrect insurable amount, and no VAT deduction on premium. (BDT. 11,98,634.00)	Unsettled (Reply submitted).
2021-2022	25-09-2022	57 (SFI)	Financial loss due to non-deduction of LD for delayed completion. (BDT 14,62,27,409.00)	Unsettled (Reply submitted).
2022-2023	12-11-2023	04 (SFI)	Irregular payment without CC block quality test and taskforce measurement report. (BDT 10,82,34,099.00)	Unsettled (Reply submitted).
2023-2024	28-10-2024	05 (SFI)	Financial loss due to non-deduction of LD. (BDT. 1,44,34,654.00)	Unsettled (Reply submitted).
2024-2025	09-10-2025	03 (SFI)	Financial loss due to execution of unnecessary work. (BDT. 4,57,36,663)	Unsettled (Reply submitted).
2024-2025	16-10-2025	05 (SFI)	Financial loss due to inclusion of new package using saved funds and payment. (BDT. 49,29,85,705)	Unsettled (Reply submitted).
Total findings/objections and Money involved= 8 Nos.			Total findings/objections: 1 no. Money involved: Tk. 80,88,17,164.00/-	

G. POST-PROJECT REMARKS

31. General Observations/Remarks on the Project

31.1 Background :

The Sangu River originates along the Bangladesh–Myanmar border and flows through several upazilas of Bandarban and Chattogram districts before discharging into the Bay of Bengal. The Dalu River, originating from the Bandarban Hill District, is a tributary of the Sangu River and joins it downstream before the combined flow reaches the sea. Both rivers exhibit highly dynamic behavior, particularly during the monsoon season, when significant morphological changes lead to severe riverbank erosion, posing continuous risks to nearby settlements and infrastructure.

In recent years, extensive erosion has been observed along the Sangu River, especially on the left bank at locations such as Tulatali, Brahmandanga, South Charati, Amilaish, Maktarkum, and Moishamora, and on the right bank at Dwip Charati. Similarly, along the Dalu River, areas including Amilaish, East Dalu, West Dhamsa, Rampur, Ichamati Alinagar, Ghatiadanga, Satkania Municipality, Pedan Sikdarpara, Rupkanai, Fateh Ali Shah Mazar, Aktariapara, Dr. Habibur Rahman Para, Golabhita, and Adhunagar have been highly susceptible to erosion. As a result, homesteads, agricultural lands, educational and religious institutions, as well as critical infrastructure such as roads, bridges, culverts, and power transmission lines have been under constant threat.

Considering the repeated demands from local communities and formal representations from the Honorable Member of Parliament, a comprehensive river protection initiative was undertaken. A technical committee carried out field investigations and prepared a report in February 2016, which served as the foundation for the Development Project Proposal (DPP). The project was subsequently approved by ECNEC on 9 January 2018 with an estimated cost of BDT 333.34 crore and an implementation period from October 2017 to June 2020.

The project initially comprised riverbank protection works along both the Sangu and Dalu rivers, along with dredging interventions aimed at improving flow conveyance and mitigating erosion. During implementation, the project underwent several adjustments to address ground realities, including revisions in cost, time, and intervention strategy. In particular, limitations related to land availability for disposal of dredged materials and increasing erosion intensity in certain reaches led to a gradual shift from dredging towards enhanced riverbank protection measures.

Following recommendations from technical and steering committees and detailed field assessments, the project scope was refined through successive revisions. The project was ultimately completed through a combination of riverbank protection and selective dredging interventions, ensuring protection of critical infrastructure, safeguarding of affected communities, and preservation of substantial agricultural land in Lohagara, Chandanaish, and Satkania upazilas.

31.2 Justification/Adequacy

Bangladesh, being a riverine country, is highly susceptible to riverbank erosion due to its dynamic alluvial river systems and significant seasonal variation in flow. During the monsoon and post-monsoon periods, large fluctuations in discharge and sediment transport capacity accelerate bank erosion, channel migration, and land loss. These processes have long caused substantial socio-economic impacts, including loss of agricultural land, homesteads, and infrastructure, leading to displacement, landlessness, and increased vulnerability of affected populations.

In the project area, the Sangu and Dalu rivers have exhibited severe and recurrent erosion, posing continuous threats to settlements, agricultural lands, and key infrastructures in Lohagara, Satkania, and Chandanaish upazilas. Protecting these erosion-prone areas has therefore been critical not only for safeguarding lives and property but also for sustaining local economic activities and preventing further environmental degradation. The project aligns with national priorities for phased riverbank protection at strategically important locations.

From an adequacy perspective, the project interventions—primarily riverbank protection works supplemented by dredging—were appropriate to address both erosion control and hydraulic improvement. While dredging could not be fully executed in certain reaches due to field constraints, the adaptive shift towards additional bank protection measures ensured that the fundamental objective of erosion mitigation was effectively achieved. Overall, the project demonstrated a pragmatic and responsive approach, with interventions adequately addressing the key risks and delivering intended protection benefits in the project area.

31.3 Objectives

- To free the project area from river erosion by implementing permanent river bank protection works of 8.07 km in Sangu river and 5.36 km in Dalu river.
- Increasing the navigability and water-carrying capacity of the rivers. For these Purpose Dredging of 19.250 km stretch of Sangu River.;
- Protection of residential houses, agricultural lands, various religious places of worship, educational institutions, roads, bridges-culverts, power transmission lines, and other important infrastructures of Lohagara and Satkania upazilas from the erosion of Sangu and Dalu rivers
- To improve the socio-economic conditions of the people of the project area.

31.4 Project revision with reasons

The project, initially approved by ECNEC on 9 January 2018, was later revised in response to implementation challenges and evolving field conditions. The 1st Revised DPP, approved on 7 June 2020, addressed time overrun and cost adjustments arising from early-stage delays.

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During implementation, significant constraints were encountered in executing dredging works in certain reaches, mainly due to the unavailability of land for disposal of dredged materials and resistance from local stakeholders. These issues were formally discussed in the 7th Project Steering Committee meeting, where a field-level assessment was recommended. Subsequently, the Director General of BWDB and a technical committee conducted site visits on 20 October 2022 and 21 November 2022, respectively, and submitted detailed reports.

Based on these findings, it was recommended that dredging should continue in feasible locations, while unimplemented portions could be rationalized and the savings reallocated for priority riverbank protection works in vulnerable areas. These recommendations were further reviewed in the 9th Steering Committee meeting, which advised placing the matter before the District Water Resources Development and Management Committee. Accordingly, in the meeting held on 19 March 2023, it was decided that, where dredging was not feasible, riverbank protection works would be undertaken using the reallocated funds.

The decisions were subsequently endorsed in the 10th Steering Committee meeting held on 8 June 2023, where it was recommended to incorporate additional bank protection works in critical reaches and proceed with preparation of the 2nd Revised DPP. Following this, a technical committee was formed by the Ministry to reassess the proposed interventions, and based on their recommendations, selected priority locations were finalized.

The 2nd Revised DPP was then placed in the Project Evaluation Committee (PEC) meeting held on 26 May 2024, where further rationalization of quantities—particularly block and geobag volumes—and adjustment of costs based on actual expenditures were suggested, resulting in a reduction of the project cost.

Finally, the 2nd Revised DPP was approved on 31 July 2024 with a revised cost of BDT 34,360.99 lakh and an extended implementation period up to June 2025. The revisions ensured that the project remained responsive to field realities by prioritizing effective riverbank protection measures over constrained dredging activities, leading to successful completion of the project.

32. Rationale of the project (Consider the following issues):

32.1 Concept

Bangladesh is highly vulnerable to natural hazards such as flooding, riverbank erosion, and cyclones, which significantly affect land availability and socio-economic stability. In the project area, riverbank erosion has been a major driver of landlessness, displacement, and damage to agricultural land and infrastructure.

The project was conceived to address these challenges by protecting erosion-prone areas, thereby safeguarding livelihoods and supporting local economic activities. Given the nature of interventions—primarily bank protection works—the project fell under environmental screening category “B”, as it involved limited and manageable environmental impacts confined mainly to the

construction phase. The project contributed to preventing loss of agricultural and forest land and reducing flood-related damages caused by bank failure.

32.2 Design

The Present construction work components have been incorporated in the DPP in accordance with approved design & drawing by Design Circle-4 of BWDB at DPP preparation time and on working time, all design of the works reviewed by Design Circle-4 of BWDB on the basis of latest river morphology, location and time.

32.3 Location

The Sangu River originates from the Bangladesh-Myanmar border, flows through various upazilas of Bandarban and Chattogram districts, and eventually discharges into the Bay of Bengal. Similarly, the Dalu River originates from the Bandarban Hill District and flows towards the Bay of Bengal. During the monsoon season, severe riverbank erosion occurs. On the left bank of the Sangu River, areas such as Tulatali, Brahmandanga, South Charati, Amilaish, Maktarkum, and Moishamora, and on the right bank, Dwip Charati are affected. Along both banks of the Dalu River, areas including Amilaish, East Dalu, West Dhamsa, Rampur, Ichamati Alinagar, Ghatiadanga, Satkania Municipality, Pedan Sikdarpara, Rupkanai, Fateh Ali Shah Mazar, Aktariapara, Dr. Habibur Rahman Para, Golabhita, and Adhunagar are highly vulnerable to erosion. This project is proposed to protect valuable homesteads, religious institutions, educational centers, agricultural lands, roads, bridges, culverts, power transmission lines, and various other public and private infrastructures in these riverside areas.

32.4 Timing

The project was approved by ECNEC on 9 January 2018 with an initial implementation period from October 2017 to June 2020. However, due to various implementation challenges, the project could not be completed within the original timeframe.

The implementation period was first extended up to June 2021 under the 1st Revised DPP to accommodate delays encountered during the early phase of execution. Subsequently, three no-cost time extensions were granted to allow completion of ongoing works without additional financial implications. These extensions were primarily necessitated by delays in contractor performance leading to re-tendering, constraints in executing dredging activities, and disruptions caused by adverse river conditions.

In addition, external factors such as the COVID-19 pandemic and associated restrictions significantly affected field-level activities, labor availability, and supply chains, further impacting progress. The cumulative effect of these issues resulted in extended implementation time requirements.

Finally, under the 2nd Revised DPP, the project duration was formally extended up to June 2025 to accommodate revised scope and ensure completion of remaining works. The project was subsequently completed within the extended timeframe.



33. Brief description on planning and financing of the project and its applicability (Consider the following issues):

33.1 Project Identification

The project was identified in response to persistent and progressive riverbank erosion along the Sangu and Dalu rivers in the southern part of Chattogram District, particularly within Lohagara, Satkania, and Chandanaish upazilas. These rivers, characterized by dynamic alluvial behavior and high seasonal discharge variation, have been undergoing continuous bank line shifting, localized scouring, and channel instability, especially during the monsoon period.

Field observations and local assessments revealed that several reaches along both rivers were experiencing severe erosion, resulting in continuous loss of homesteads, agricultural lands, and damage to critical infrastructure including roads, bridges, culverts, educational institutions, religious establishments, and power transmission lines. The affected zones were identified based on erosion intensity, rate of bank retreat, hydraulic attack points, and socio-economic significance of the locations.

In addition to technical assessments, the project was strongly influenced by persistent demands from local communities and demands from members of Parliament. Through DO letters and field-level engagements, the local representatives highlighted the urgency of intervention in multiple erosion-prone locations, particularly where recent flood events had further aggravated bank failure and land loss. Community demand was especially pronounced in densely populated reaches where ongoing erosion directly threatened settlements and livelihoods.

During implementation, it was observed that dredging works in certain stretches could not be carried out due to constraints such as high population density along both banks and the unavailability of suitable land for disposal of dredged materials. These practical limitations were verified through field inspections conducted by the Director General of BWDB and a technical committee. Based on their findings, and in consideration of local demands, it was recommended that dredging be continued in feasible reaches, while unimplemented portions be substituted with riverbank protection works in high-risk areas.

Subsequent field visits, including inspections following severe flood events in August, identified additional vulnerable locations where erosion had intensified. Based on technical evaluation and stakeholder input, priority reaches were selected and incorporated into the project, particularly under the 2nd Revised DPP, focusing on the most critical chainages.

Accordingly, the final project scope comprised approximately 8.07 km of riverbank protection along the Sangu River and 5.36 km along the Dalu River, along with dredging over a 19.250 km stretch of the Sangu River. The project identification thus reflects a combination of engineering assessment, field realities, and strong local demand, ensuring that interventions were targeted to the most vulnerable and socio-economically significant areas.

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33.2 Project Preparation

The project was formulated based on the need to address severe riverbank erosion along the Sangu and Dalu rivers in Lohagara, Satkania, and Chandanaish upazilas. In response to local demands and field-level concerns, the Ministry of Water Resources, in coordination with the Bangladesh Water Development Board (BWDB), constituted a Technical Committee to assess the situation and recommend appropriate interventions.

The committee carried out field inspections, reviewed historical erosion patterns, and assessed hydraulic and morphological conditions of the rivers. Based on these investigations, priority erosion-prone reaches were identified, and suitable intervention measures—primarily riverbank protection works (revetment) and dredging—were proposed. The Development Project Proposal (DPP) was then prepared incorporating these recommendations, supported by preliminary design, cost estimates, and implementation planning.

During implementation, further field observations revealed practical constraints, particularly in executing dredging works in certain reaches due to land limitations for disposal of dredged materials and local issues. These challenges were reassessed through additional site visits by BWDB and technical teams. Based on their findings, the project preparation process was revisited and refined under subsequent revisions.

In the 2nd Revised DPP, the project scope was updated to reflect ground realities, where unfeasible dredging components were partially replaced with additional riverbank protection works in critical locations. The revised proposal was prepared incorporating updated design considerations, priority-based site selection, and optimized resource allocation.

Overall, the project preparation process followed a progressive and adaptive approach, integrating technical assessments, field verification, and stakeholder inputs to ensure that the final interventions were both technically sound and practically implementable.

33.3 Appraisal

The project was initially appraised and approved by the Executive Committee of the National Economic Council (ECNEC) on 9 January 2018 based on the Development Project Proposal (DPP) prepared by BWDB. Subsequently, during implementation, the project underwent further appraisal processes in line with emerging field conditions and proposed revisions.

The 1st Revised DPP was reviewed and approved by the Ministry of Water Resources on 7 June 2020, primarily addressing time extension and cost adjustment requirements arising from implementation delays.

In the later stage, the 2nd Revised DPP was subject to detailed appraisal at the Project Evaluation Committee (PEC) meeting held on 26 May 2024 at the Planning Commission. During this appraisal, the committee critically reviewed the proposed modifications in project scope, particularly the inclusion of additional riverbank protection works in lieu of unfeasible dredging components.

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The PEC recommended rationalization of quantities, especially the dumping volumes of concrete blocks and geobags in selected protection packages. In addition, the committee advised adjusting the cost estimates based on actual expenditures of completed dredging works to ensure financial accuracy and efficiency. As a result, the overall project cost was reduced by BDT 352.25 lakh through optimization of design quantities and cost components.

Based on these recommendations, the 2nd Revised DPP was restructured and finalized for approval. Subsequently, the revised proposal was approved on 31 July 2024 with a total estimated cost of BDT 34,360.99 lakh and an extended implementation period up to June 2025.

33.4 Credit Negotiation: Not Applicable.

33.5 Credit Agreement: Not Applicable.

33.6 Credit Effectiveness: Not Applicable.

33.7 Loan Disbursement: Not Applicable.

33.8 Loan Conditions: Not Applicable.

33.9 Project Approval

The project titled "Bank Protection Works of the Sangu and Dalu Rivers in Satkania and Lohagara Upazilas of Chattogram District" was initially approved by the Executive Committee of the National Economic Council (ECNEC) on 9 January 2018 with an estimated cost of BDT 33,334.21 lakh and an implementation period from October 2017 to June 2020.

Subsequently, the 1st Revised Development Project Proposal (RDPP) was approved by the Ministry of Water Resources (MoWR) on 7 June 2020, revising the project cost to BDT 35,486.49 lakh and extending the implementation period up to June 2021.

During the course of implementation, the project also received three no-cost time extensions, which were approved by the competent authority to facilitate completion of ongoing works without any additional financial implication.

Later, based on field realities and revised scope of work, the 2nd Revised DPP was processed and appraised by the Planning Commission through the Project Evaluation Committee (PEC). Following the appraisal, the proposal was approved by the appropriate approving authority of the Government on 31 July 2024, with a revised project cost of BDT 34,360.99 lakh and an extended implementation period up to June 2025.

Thus, the project underwent a structured approval process involving ECNEC, the Ministry of Water Resources, and the Planning Commission at different stages to ensure its effective implementation and completion.

33.10 Others(specify) : Nil.

34. Analysis of the post- implementation situation and result of the project (Consider following issues):

34.1 Whether the beneficiaries of the project have clear knowledge about the Target/Objectives of the project.



Yes.

34.2 Programme for use of created-facilities of the project

The stakeholders are directly taking advantages of the created facilities of the project.

34.3 O & M Program of the project.

After complementation of the project major repair/rehabilitation works will be accomplished from regular O&M budget of BWDB.

34.4 Impact of the project (Direct & Indirect)

Direct impacts include the implementation of approximately **13.43 km of riverbank protection works** (8.07 km along the Sangu River and 5.36 km along the Dalu River), which have substantially stabilized previously vulnerable reaches. As a result, bank erosion in treated sections has been reduced, depending on site-specific hydraulic conditions. In addition, dredging over a **19.250 km stretch of the Sangu River** has improved flow conveyance capacity, reduced hydraulic pressure on riverbanks, and contributed to channel stability in selected reaches.

The project has directly protected approximately **12,000 hectares of agricultural land** and safeguarded assets and infrastructure including homesteads, roads, educational institutions, and utility networks. Thousands of people residing in erosion-prone areas have been protected from displacement and recurring losses.

Indirect impacts include improved agricultural productivity due to reduced land loss and flood-related damages, contributing to greater income stability for local communities. Protection of transport and utility infrastructure has ensured uninterrupted connectivity and access to markets, education, and healthcare services. The reduction in erosion-related damages has also minimized recurring repair and maintenance costs.

Furthermore, the project has enhanced resilience against seasonal flooding and erosion hazards, contributing to long-term environmental stability. By reducing uncontrolled bank erosion and channel migration, the interventions have supported more stable river behavior in the project area.

Overall, the project has delivered substantial economic and social benefits by protecting high-value assets, reducing disaster-induced losses, and strengthening livelihood security in Lohagara, Satkania, and Chandanaish upazilas.

34.5 Transfer of Technology and Institutional Building through the project.

Not Applicable.

34.6 Employment generation through the project.

A large number of skilled/unskilled workers were employed during construction period.

34.7 Possibility of Self employment.

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There are possibilities of self-employment as existing commercial and business centres are protected from river bank erosion and the environmental degradation.

34.8 Possibility of Women-employment opportunity.

Yes, there are possibilities of women-employment through the project benefited area enhanced.

34.9 Women's participation in development.

Yes.

34.10 Probable Impact on Socio-Economic activity.

By protecting the river bank erosion, various infrastructures are saved from the erosion. As a result socio-economic balance in the locality is enhanced.

34.11 Impact on environment.

Environmental enhancement is achieved through the implementation of the project.

34.12 Sustainability of the project.

The project is sustained but requires periodic maintenance.

34.13 Contribution to poverty alleviation/reduction.

The project has direct contribution and impact on poverty alleviation/reduction.

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

Positive remarks regarding the project.

34.15 Contribution of Micro-credit programs and Comments on overlapping with any NGO activities.

Not Applicable.

35. Problems encountered during Implementation (with duration & steps taken to resolve those) (Consider following issues):

35.1 Project management: N/A.

35.2 Project Director: N/A.

35.3 Land Acquisition: N/A.

35.4 Procurement: N/A.

35.5 Consultancy: N/A.

35.6 Contractor: N/A.

35.7 Manpower: N/A.

35.8 Law & Order: N/A.

35.9 Natural calamity: N/A.

35.10 Project financing: N/A.

35.11 Allocation and release: N/A.

35.12 Design formulation/approval: N/A.

35.13 Project aid disbursement and re-imburement: N/A.

35.14 Mission of the development partners: N/A.

- 35.15 Time & Cost Over-run: Due to Scarcity of fund additional time was required to complete the project.
- 35.16 Project Monitoring: N/A.
- 35.17 Delay in Decision: N/A.
- 35.18 Transport, Training: N/A.
- 35.19 Approval and Others: N/A.

36. Remarks & Recommendations of the Project Director:

The project has been successfully completed in a complex and morphologically active river system, demonstrating effective engineering intervention under challenging hydraulic and socio-environmental conditions. The implementation of 13.43 km of riverbank protection works—comprising of 8.07 km along the Sangu River and 5.36 km along the Dalu River as well as 19.250 km of dredging in the Sangu River, has significantly contributed to stabilizing vulnerable reaches and reducing erosion risks. The adopted protection system, incorporating geo-bags, concrete blocks and well-designed slope and toe protection measures has performed satisfactorily against high flow velocities, turbulence, and seasonal hydraulic loading. These interventions have effectively reduced active bank erosion and provided protection to approximately 12,000 hectares of agricultural land, as well as critical infrastructure and settlements, benefiting around 6,000 people in the project area.

A key strength of the project was its adaptive and accountable implementation approach. Due to practical constraints—particularly land scarcity for disposal of dredged materials—certain dredging components could not be executed as planned. Based on field verification and recommendations of the technical committee, these components were rationalized and replaced with priority riverbank protection works under the 2nd Revised DPP. The proposal was critically reviewed in the PEC meeting held on 26 May 2024, where cost optimization measures, including adjustment of actual expenditures and reduction of BDT 352.25 lakh were incorporated for approval.

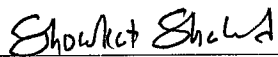
Throughout the project cycle, implementation progress and quality were closely monitored by BWDB Taskforce Committee and senior officials of the Ministry of Water Resources and BWDB ensuring compliance with technical standards, financial discipline, and transparency. This structured oversight mechanism contributed significantly to maintaining accountability and achieving timely completion under revised conditions. From an engineering standpoint, the project highlights the importance of integrating real-time morphological assessment with flexible design and execution strategies. Given the dynamic behavior of the Sangu–Dalu river system, it is recommended that periodic hydro-morphological monitoring be continued to assess channel behavior, sediment dynamics, and potential scour zones. Regular inspection and maintenance—particularly at toe protection and launching apron zones—are essential to ensure long-term performance and sustainability of the revetment works.

For sustained effectiveness, a structured operation and maintenance (O&M) framework should be institutionalized, including post-monsoon inspections and timely rehabilitation of localized damages. Selective maintenance dredging may be considered in future where sediment deposition affects conveyance capacity. The project also aligns well with national development priorities and contributes directly to the

achievement of several Sustainable Development Goals (SDGs), particularly SDG 1 (No Poverty), SDG 2 (Zero Hunger), SDG 6 (Clean Water and Sanitation), SDG 11 (Sustainable Cities and Communities), and SDG 12 (Responsible Consumption and Production). By protecting agricultural land, reducing displacement, and safeguarding infrastructure, the project supports broader goals of poverty reduction, food security, and climate resilience.

In conclusion, the project stands as a technically sound, economically justified, and socially impactful intervention. The lessons learned—particularly in adaptive planning, stakeholder engagement, and integrated river management provide valuable guidance for future riverbank protection and water resources development projects in Bangladesh.

Date.....11/06/2026.....


Signature and seal of the Project Director
(Showkat Ibne Shahid)
Executive Engineer
Chattogram WD Division-1
BWDB, Chattogram

37. Remarks/Comments of Agency Head:

The main objective of the project was to free the project area from severe riverbank erosion and enhance river navigability by implementing permanent protective works along Dalu river and permanent protective works with dredging along Sangu river. The project successfully executed a total of 13.43 Km of permanent riverbank protective works (8.07 Km along the Sangu River and 5.36 Km along Dalu River) alongside dredging activities over a 19.250 Km reach of the Sangu River. After implementation of these works, it is observed that the active erosion of both rivers has been effectively mitigated in the high-risk reaches of Lohagara, Satkania, and Chandanaish upazilas. The livelihoods of local communities, thousands of residential households, extensive agricultural lands, and critical public and private infrastructure—including roads, bridges, culverts, educational institutions, and power transmission lines—have been successfully saved from the persistent threat of monsoon-induced river erosion. Therefore, for the sustainability of the completed protective and dredging works, regular monitoring and seasonal field assessments should be strengthened to comply with timely repair and maintenance works, if needed.

Date.....

Signature and seal of Agency Head


29.05.2023

(Md. Enayet Ullah)
ID No. 670705001
Director General
BWDB, Dhaka.

38. Remarks/Comments of the Secretary/Senior Secretary of the Ministry/Division:

The project has been completed successfully. Regular maintenance and monitoring should be ensured by Bangladesh Water Development Board for the sustainability of the project.

Date.....

Signature and seal of Secretary

Information Related to Procurement of Goods:

Package No	As per Project Document Description of Package	Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment		Date of Completion	
											As per Contract	Actual	As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
SDG-01	Procurement (Supply) of 5 Nos Levelling Machine with all allied accessories.	Plan-13.00	RFQ	As per DoFP	3/5/2020	-	15/5/2020	20/5/2018	01/6/2020	13.00	13.00	15/6/2020	15/6/2020	
		Actual-13.00	RFQ	XEN	3/5/2020		10/5/2020	14/5/2020	17/5/2020					
		Deviation-	-	-	-		-	-	-					
SDG-02	Procurement (Supply) of a Photocopier Machine with all allied accessories.	Plan-3.87	RFQ	As per DoFP	3/5/2020	-	15/5/2020	20/5/2018	01/6/2020	3.87	3.87	10/6/2020	10/6/2020	
		Actual-3.87	RFQ	XEN	4/5/2020		10/5/2020	14/5/2020	17/5/2020					
		Deviation-	-	-	-		-	-	-					
SDG-03	Procurement (Supply) of a Multimedia Projector with all allied accessories.	Plan-1.50	RFQ	As per DoFP	3/5/2020	-	15/5/2020	20/5/2018	01/6/2020	1.50	1.50	10/6/2020	10/6/2020	
		Actual-1.50	RFQ	XEN	4/5/2020		10/5/2020	14/5/2020	17/5/2020					
		Deviation-	-	-	-		-	-	-					

* Please mention Dates for plan and actual

* Deviation in days (difference between plan and actual)

* Plan as per procurement plan described in project document

Information Related to Procurement of Works:

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Names of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion		
Package No	Description of Pack age											As per Contract	Actual	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
e-GP-04	Bank Protection work on the right bank of Sangu river at Dwip Charati from KM 37.426 to KM 38.126 (=700.00m.) & on the left bank at South Charati village of U.P.Charati from KM 39.524 to KM 39.694 (=150.00m.) total =850m. in Satkania Upazila. TID: 189680	Plan 1100.42	OTM	Chief Engineer	24/4/2018	The Daily Observer, The Dainik Ittefaq	24/5/18	30/6/2018	02/07/18	1152.52 16/7/2018	1100.42	30/06/2022	30/06/2022	
		Actual— 1107.53	OTM	Chief Engineer	24/4/2018			24/5/18	30/6/2018	02/07/18				
		Deviation- (-7.11)	-	-	-	-	-	-	-	-	-	-	-	-
e-GP-05	Bank Protection work on the left bank of Sangu river at Tulatali village in U.P.Charati from KM 32.110 to KM 32.410 (=300.00m.) and KM 32.660 to KM 33.260 (=600.00m.) total =900.00m. in Satkania Upazila. TID: 192404	Plan 424.96	OTM	Chief Engineer	1/4/2018	The Daily Sun, The Jugantor	1/5/2018	15/7/2018	30/7/2018	1256.72 16/7/2018	424.96	29/11/2021	29/11/2021	
		Actual— 424.96	OTM	Chief Engineer	26/4/2018			27/5/2018	30/6/2018	09/7/2018				
		Deviation- 0.00	-	-	-	-	-	-	-	-	-	-	-	-
e-GP-05 (Remaining Work)	Remaining Bank Protection work on the left bank of Sangu river at Tulatali village in U.P.Charati from KM 32.110 to KM 32.410 (=300.00m.) and KM 32.660 to KM 33.260 (=600.00m.) total =900.00m. in Satkania Upazila. (Remaining, New Work) TID: 637489	Plan 994.07	OTM	Superintending Engineer	12/12/2021	The Vorer - kagoj, Tribunal, Purbokone	12/01/2022	23/2/2022	27/2/2022	1021.38 3/3/2022	994.07	30/06/2023	1/6/2023	
		Actual- 1083.7	OTM	Superintending Engineer	12/12/2021			12/01/2022	23/2/2022	27/2/2022				
		Deviation- (-89.63)	-	-	-	-	-	-	-	-	-	-	-	-
e-GP-06	Bank Protection work on the left bank of Sangu river at North Brahmmondanga village of South Charati in U.P.Charati from KM 34.265 to KM 35.065 (=800.00m.) in Satkania Upazila.	Plan-361.09	OTM	As per DoP	25/4/2018	The Financial Express, The Samakal	25/5/2018	15/7/2018	30/7/2018	1010.04 16/7/2018	361.09	29/11/2021	29/11/2021	
		Actual-	OTM	Chief Engineer	25/4/2018			27/5/2018	30/6/2018	1/7/2018				
		Deviation-	-	-	-	-	-	-	-	-	-	-	-	-

As per Project Document		Estimated Cost (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment		Date of Completion	
Package No	Description of Package										As per Contract	Actual	As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	TID : 192109													
e-GP-06 (Remaining Work)	Remaining Bank Protection work on the left bank of Sangu river at North Brahmondanga village of South Charati in U.P. Charati from KM 34.265 to KM 35.065 (=800.00m.) in Satkania Upazila. (Remaining, New Work) TID: 637520	Plan-768.09 Actual-842.80 Deviation-(-74.71)	OTM OTM -	Superintending Engineer Superintending Engineer -	12/12/2021 12/12/2021 -	The Vorer kagoj, The Tribunal, The Daily Purbokone.	12/01/2022 - -	16/02/2022 2 - -	16/02/2022 2 - -	798.97 2/5/2022 -	768.09 -	30/06/2023 -	1/6/2023 -	
e-GP-07	Bank Protection work on the Left bank of Dalu river in between KM 1.000 to KM 9.000 (=700.00m.) at Mahadevbari (150m), Khan Mosque (150m), Hilmili (100m), Mehedipara (100m), Golaghat (100m) & Rampur (100m) in Upazila-Satkania. TID: 190306	Plan-840.69 Actual-807.07 Deviation-33.62	OTM OTM -	Superintending Engineer Superintending Engineer -	23/4/2018 23/4/2018 -	The Daily Sun, kaler Kantho	23/05/2018 23/05/2018 -	27/06/2021 8 27/06/2021 8 -	01/07/2021 8 01/07/2021 8 -	841.42 15/7/2018 -	840.69 -	10/6/2021 -	08/6/2021 -	
e-GP-08	Bank Protection work on the Left bank of Dalu river in between KM 11.000 to KM 19.000 (=900.00m.) at Samiarpura (200m), Pedan Sikder Para (150m), Mannan Masterer Ghata (150m), Garangia Madrasa (150m), Fauch Ali Shah Mazar (100m) and Alurghat (150m) in Upazila(s)-Satkania and Lohagara TID: 190507	Plan-1114.30 Actual-1086.19 Deviation-27.41	OTM OTM -	Chief Engineer Chief Engineer -	24/4/2018 24/4/2018 -	Daily Observer, Dainik Ittefaq	24/05/2018 24/05/2018 -	30/6/2018 8 30/6/2018 8 -	01/07/2021 8 01/7/2018 8 -	1128.55 24/7/2018 -	1114.30 -	30/06/2022 -	30/06/2022 -	
e-GP-09	Bank Protection work on the left bank of Dalu river in between KM 19.000 to KM 24.000 (=800.00m.) at Alurghat Pucca Bridge (150m), Masjid Steel Bridge (150m), Golavita (200m), Sawodagarpura (200m) & Adhunar (100m) in Upazila-Lohagara. TID: 191932	Plan-1073.30 Actual-1054.96 Deviation-18.34	OTM OTM -	Chief Engineer Chief Engineer -	25/04/2018 25/04/2018 -	The Financial Express, Samakal	27/05/2018 27/05/2018 -	30/06/2021 8 30/6/2018 8 -	18/7/2018 8 9/7/2018 8 -	1141.22 23/7/2018 -	1060.79 -	30/06/2023 -	30/03/2023 -	

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Package											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
e-GP-10	Bank Protection work on the right bank of Dulu river in between KM 0.000 to KM 5.000 (=700.00m.) at Nalua (200m), U/S-D/S of Dulu Bridge (100m), Purba Dulu (100m), Purba Ghatia Danga (100m), Ichamati (100m) & Alinagar (100m) in Upazila-Satkania TID: 190508	Plan-907.56 Actual-869.47 Deviation-(-38.09)	OTM	Superintending Engineer	23/04/2018	Kaler kantho, The Daily Sun	23/05/2018	27/06/2018	01/07/2018	910.53 15/7/2018	907.56	10/06/2021	08/04/2021
e-GP-11	Bank Protection work on the right bank of Dulu river in between KM 12.000 to KM 16.000 (=700.00m.) at Danur Ma'r Ghat (140m), Haider Tek (150m), Barodona (150m), Akbarpara (150m) & Abul Hossain Master Para (160m) in Upazila(s)-Satkania. TID: 190539	Plan-852.66 Actual-852.66 Deviation-0.00	OTM	As per DoFP Superintending Engineer	23/04/2018	Kaler kantho, The Daily Sun	23/05/2018	27/06/2018	01/7/2018	867.98 24/7/2018	852.66	30/06/2022	28/06/2022
e-GP-12	Bank Protection work on the right bank of Dulu river in between KM 16.000 to KM 24.000 (=550.00m.) at Alurghat Pucca Bridge (100m), Masjid Steel Bridge (100m), Dr. Habibur Rahman Para (200m) & Akhteria Para (150m) in Upazila-Lohagara. TID: 190577	Plan-799.81 Actual-799.81 Deviation-0.00	OTM	As per DoFP Chief Engineer	23/04/2018	Kaler kantho, The Daily Sun	23/05/2018	30/06/2018	09/07/2018	810.85 23/7/2018	799.81	18/03/2021	16/03/2021
e-GP-13	Bank Protection work on the left bank of Sangu river at Amilaish village of Amilaish U.P. from KM 39.669 to KM 40.819 (=1150.00m.) in Satkania Upazila.	Plan-664.15 Actual-664.15 Deviation-0.00	OTM	As per DoFP Chief Engineer	1/04/2018	The Samakal, The Financial Express	1/5/2018	30/6/2018	1/7/2018	1515.99 16/7/18	664.15	29/11/2021	29/11/2021
e-GP-13 (Remaining)	Bank Protection work on the left bank of Sangu river at Amilaish village of Amilaish	Plan-1443.47	OTM	As per DoFP	1/12/2021	The Vorer kagoj, The	1/01/2022	28/02/2022	15/03/2022	1443.46 06/03/22	1439.52	30/06/2024	28/06/2024

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Package											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Work)	U.P. from KM 39.669 to KM 40.819 (=1150.00m.) in Saktania Upazila. (Remaining, New Work) TID: 638142	Actual- 1439.52 Deviation- 3.95	OTM	Chief Engineer	13/12/2021	Tribunal, The Purbokone	12/01/2022	23/02/2022 2	27/02/2022 2				
e-GP-14	Bank Protection work on the left bank of Sangu river at Moktarikum area of Naltia U.P. from KM 44.437 to KM 45.037 (=600.00m.) in Saktania Upazila TID: 191213	Plan-928.29 Actual- 928.29 Deviation- 0.00	OTM	As per DoFP Superintending Engineer	15/04/2021 24/04/2021 8 8	The Daily Observer, The Daily Jugantor	15/5/2018 24/5/2018 -	30/6/2018 27/6/2018 -	15/7/2018 01/7/2018 -	879.48 1577/2018	928.29	30/06/2022	08/06/2022
e-GP-15	Bank Protection work on the left bank of Sangu river at Moishamura area of Naltia U.P. from KM 46.484 to KM 47.484 (=1000.00m.) & KM 47.634 to KM 47.934 (=300.00m.) total =1300m in Saktania Upazila TI: 191375	Plan-729.02 Actual- 729.02 Deviation- 0.00	OTM	As per DoFP Addl Director General	15/04/2018 29/04/2018	The Daily Sun, The Daily Jugantor	15/5/2018 29/5/2018 -	30/6/2018 27/7/2018 -	15/7/2018 9/7/2018 -	1790.11 167/18	729.02	29/11/2021	29/11/2021
e-GP-15 (Remaining Work)	Remaining Bank Protection work on the left bank of Sangu river at Moishamura area of Naltia U.P. from KM 46.484 to KM 47.484 (=1000.00m.) & KM 47.634 to KM 47.934 (=300.00m.) total =1300m in Saktania Upazila TID: 637538	Plan-1567.67 Actual- 1567.67 Deviation- 0.00	OTM	As per DoFP Addl Director General	12/12/2021 12/12/2021	The Vorer kagoj, The Tribunal, The Purbokone,	12/1/2022 12/1/2022 -	28/2/2022 1/2/2022 -	15/3/2022 6/2/2022 -	1589.68 23/2/22	1567.67	30/6/2023	30/6/2023
e-GP-16	Bank Protection work on the right bank of Sangu river at Dwip Charati from KM 37.026 to KM 37.426 (=400.00m.) in Saktania Upazila TID: 422808	Plan-635.60 Actual- 635.60 Deviation- 0.00	OTM	As per DoFP Superintending Engineer	1/02/2020 15/02/2020	The Vorer kagoj, The Tribunal,	1/5/2020 16/5/2020 -	15/4/2020 6/5/2020 -	30/4/2020 8/6/2020 -	711.33 18/6/20	635.60	25/06/2021	01/06/2021

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Pack age											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
e-GP-17	Bank Protection work on the Left Bank of Dalu river in between KM 1.000 to KM 24.000 (=850.00m.) at Mahadevbari (50m), Khan Mosque (50m), Hilimili (50m), Mehedipara (50m), Mahrumerkum (150m), Golaghat (100m), Rampur (100m), Garangia Madrasia (150m), Fateh Ali Mazar (100m), Shipai Para (50m) and on the Right Bank of Dalu river in between KM 3.800 to KM 4.670 (=160.00m.) at Ichamati (60m), Alinagar (100m), Grand Total =1010.00 m in Upazila-Satkania and Lohagara. TID: 422868	Plan-1542.15 Actual-1542.15 Deviation-0.00	OTM OTM -	As per DoFP Chief Engineer -	1/02/2020 16/02/2020 -	The Vorer kagoj, The Tribunal,	1/03/2020 16/03/2020 -	15/4/2020 18/5/2020 -	30/4/2020 8/6/2020 -	1578.31 21/6/20 -	1542.15	30/06/2022	20/06/2022
e-GP-18	Bank Protection Work Along the Left Bank of Sangu River from Km. 0.000 to Km.0.350 (=350.00m.) at South Brahmmandanga in Charati Union, Upazilla- Satkania. TID : 1006822	Plan-1196.32 Actual-1013.20 Deviation-183.12	OTM OTM -	As per DoFP Superintending Engineer -	1/07/2024 04/08/2024 -	The New Age, The Prothom Alo, The Damik Purbokone	1/8/2024 2/9/2024 -	15/8/2024 29/10/2024 -	30/8/2024 30/10/2024 -	1101.58 10/11/24 -	1013.20	20/06/2025	20/06/2025
e-GP-19	Bank Protection Work Along the Left Bank of Sangu River from Km. 0.350 to Km.0.700 (=350.00m.) at South Brahmmandanga in Charati Union, Upazilla- Satkania. TID :1006952	Plan-1196.23 Actual-1012.96 Deviation-183.27	OTM OTM -	As per DoFP Chief Engineer -	01/07/2024 04/08/2024 -	The New Age, The Prothom Alo, The Damik Purbokone	1/8/2024 2/9/2024 -	15/8/2024 29/10/2024 -	30/8/2024 30/10/2024 -	1101.19 10/11/24 -	1012.96	20/06/2025	20/06/2025
e-GP-20	Bank Protection Work Along the Left Bank of Sangu River from Km. 0.000 to Km.0.200 (=200.00m.) at Shyam Muhuri Ghat in Nalua Union, Upazilla- Satkania.	Plan-580.95 Actual-525.90	OTM OTM	As per DoFP Superintending Engineer	01/07/2024 01/08/2024	The Jugantor, The Daily New Nation, The Damik	1/8/2024 12/9/2024	15/8/2024 1/10/2024	30/8/2024 6/10/2024	543.71 7/10/24	525.90	08/06/2025	08/06/2025

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As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Pack age											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	TID : 1008681	Deviation- 55.05				Purbokone							
e-GP-21	Bank Protection Work Along the Right Bank of Sangu River from Km. 0.000 to Km.0.070 (=70.00m.) at Dwip Para & from Km. 0.000 to Km.0.200 (=200.00m.) at Dhebarkul, Total = (70.00+200.00) = 270.00m in Boitali Union, Upazilla- Chandanaish. TID : 1008265	Plan-1222.88 Actual- 841.53 Deviation- 381.35	OTM OTM -	As per DoFP Chief Engineer -	13/07/2024 13/08/2024 -	The Dainik Purbokone. The Dainik Ittefaq, The Financial Express	11/9/2024 11/9/2024 -	14/11/2024 14/11/2024 -	30/8/2024 19/11/2024 4	1061.57 28/11/24	841.53	20/06/2025	20/06/2025
e-GP-22	Bank Protection Work Along the Right Bank of Sangu River from Km. 0.000 to Km.0.300 (=300.00m.) at Boitali Rashidia Madrasha in Boitali Union, Upazilla- Chandanaish. TID : 1007395	Plan-1071.75 Actual- 884.07 Deviation- 187.68	OTM OTM -	As per DoFP Chief Engineer -	07/07/2024 07/08/2024 -	The Dainik Ittefaq, The New Nation, The Dainik Purbokone	9/9/2024 9/9/2024 -	14/11/2024 14/11/2024 -	30/8/2024 19/11/2024 4	982.11 28/11/24	884.07	20/06/2025	20/06/2025
e-GP-23	Precautionary Bank protection work along the Right Bank of Sangu River from Km. 0.000 to Km.0.100 (=100.00m.) & Strengthening of Bank Protection work along the Right Bank of Sangu River from Km. 0.100 to Km.0.190 (=90.00m.) & from Km. 0.230 to Km.0.340 (=110.00m.); Total = (100+90+110) = 300.00m at Charbarana in Barana Union, Upazilla- Chandanaish, TID : 1010178	Plan-720.57 Actual- 457.36 Deviation- 263.21	OTM OTM -	As per DoFP Superintending Engineer -	21/07/2024 21/08/2024 -	The Kalbela, The New Age, The Ajker Chattogram	18/9/2024 18/9/2024 -	01/10/2024 01/10/2024 -	30/8/2024 06/10/2024 4	459.72 17/10/24	457.36	18/06/2025	18/06/2025
e-GP-24	Bank Protection Work Along the Left Bank of Sangu River from Km. 0.000 to Km.0.150 (=150.00m.) at Purangorh Mosque Purangorh Union, Upazilla- Satkania.	Plan-411.56 Actual- 393.21	OTM OTM	As per DoFP Superintending Engineer	1/07/2024 11/08/2024	The Dainik Purbokone, The Samakal, The New Age	1/8/2024 2/9/2024	15/8/2024 21/10/2024	30/8/2024 21/10/2024 4	398.57 30/10/24	393.21	18/06/2025	18/06/2025

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Pack age											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	TID : 1007659	Deviation-18.35	-	-	-	-	-	-	-	-	-	-	-
e-GP-25	Bank Protection Work Along the Left Bank of Sangu River from Km. 0.000 to Km.0.150 (=150.00m.) at Bangla Bazar South Charati in Charati Union, Upazilla- Saktania. TID : 1008974	Plan-538.30 Actual-499.4	OTM	As per DoFP Superintending Engineer	1/07/2024 20/08/2024	The Dainik Purbokone, The Dainik Sangbad, The Business Standard	1/8/2024 18/9/2024	15/8/2024 1/10/2024	30/8/2024 14/10/2024	500.05 24/10/24	499.4	20/06/2025	20/06/2025
CRW-1	Repair of Patisa/Chitragong BWDB Colony along with procurement of necessary goods.	Deviation-38.9 Plan-50.00	- OTM/RFQ	- As per DoFP	- 01/07/2019	-	- 1/8/2019	- 15/8/2019	- 30/8/2019	- 50.00	50.00	01/06/2022	01/06/2022
e-GP-01/Lot-1	Capital Dredging of Sangu River at different locations in between KM 20.000 to KM 21.750 (= 1.750 km) in Upazila-Saktania TID : 417112	Actual-1079.21 Deviation-2.2	OTM OTM	As per DoFP Minister	1/01/2020 26/01/2020	The Dainik Samakal, The Bangladesh Today	1/2/2020 24/2/2020	15/4/2020 3/5/2020	30/4/2020 14/5/2020	1791.97 10/06/20	1079.21	30/06/2023	30/06/2023
e-GP-01/Lot-2	Capital Dredging of Sangu River at different locations in between KM 21.750 to KM 24.261 (= 2.511 km) in Upazila-Saktania TID : 417126	Plan-1851.78 Actual-1855.28 Deviation -1.5	OTM OTM	As per DoFP Minister	1/01/2020 26/01/2020	The Dainik Samakal, The Bangladesh Today	1/2/2020 24/2/2020	15/4/2020 3/5/2020	30/4/2020 14/5/2020	1857.79 10/06/20	1855.28	30/06/2022	28/06/2022
e-GP-01/Lot-3	Capital Dredging of Sangu River at different locations in between KM 24.261 to KM 25.582 (= 1.321 km) in Upazila-Saktania TID : 452493	Plan-956.99 Actual-955.74	OTM OTM	As per DoFP Minister	1/01/2020 03/05/2020	The Prothom Alo, The Our Time	1/2/2020 01/6/2020	15/4/2020 24/8/2020	30/4/2020 27/8/2020	1484.22 8/9/20	955.74	30/06/2022	30/06/2022

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As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Package											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
e-GP-02/Lot-1	Capital Dredging of Sangu River at different locations in between KM 25.382 to KM 28.250 (= 2.668 km) in Upazila-Satkania TID : 481351	Deviation-1.25	-	-	-	-	-	-	-	-	-	-	-
		Plan-1700.46	OTM	As per DoFP	01/01/2020	The Daily Amar	01/2/2020	15/4/2020	30/4/2020	2466.40	1700.41	30/06/2022	30/06/2022
		Actual-1700.41	OTM	Minister	26/07/2020	Sangbad, The Daily Observer	12/8/2020	27/9/2020	11/10/2020	-	-	-	-
e-GP-02/Lot-2	Capital Dredging of Sangu River at different locations in between KM 28.250 to KM 30.750 (= 2.500 km) in Upazila-Satkania TID : 417491	Deviation-0.05	-	-	-	-	-	-	-	-	-	-	-
		Plan-1527.99	OTM	As per DoFP	01/01/2020	The Amader Shomoy, The New Age	1/2/2020	15/4/2020	30/4/2020	2428.20	1493.25	30/06/2023	18/06/2023
		Actual-1493.25	OTM	Minister	27/01/2020	-	25/2/2020	03/5/2020	14/5/2020	10/6/20	-	-	-
e-GP-02/Lot-3	Capital Dredging of Sangu River at different locations in between KM 30.750 to KM 33.500 (= 2.750 km) in Upazila-Satkania TID : 417600	Deviation-34.74	-	-	-	-	-	-	-	-	-	-	-
		Plan-1331.00	OTM	As per DoFP	01/01/2020	The Amader Shomoy, The New Age	02/2/2020	15/4/2020	30/4/2020	2565.31	1276.29	15/03/2024	15/03/2024
		Actual-1276.29	OTM	Minister	27/01/2020	-	25/2/2020	03/5/2020	14/5/2020	10/6/20	-	-	-
e-GP-03/Lot-1	Capital Dredging of Sangu River at different locations in between KM 33.500 to KM 36.750 (= 3.250 km) in Upazila-Satkania TID : 417882	Deviation-54.71	-	-	-	-	-	-	-	-	-	-	-
		Plan-1100.00	OTM	As per DoFP	01/01/2020	The Amader Shomoy, The Dhaka Tribune	01/2/2020	15/4/2020	30/4/2020	2456.35	1142.51	30/06/2024	15/06/2024
		Actual-1142.51	OTM	Minister	28/01/2020	-	26/2/2020	03/5/2020	14/5/2020	10/6/20	-	-	-
e-GP-03/Lot-2	Capital Dredging of Sangu River at different locations in between KM 36.750 to KM 39.250 (= 2.500 km) in Upazila-Satkania TID : 417956	Deviation-42.51	-	-	-	-	-	-	-	-	-	-	-
		Plan-1003.13	OTM	As per DoFP	1/01/2020	The Amader Shomoy, The Dhaka Tribune	1/2/2020	15/4/2020	30/4/2020	2343.07	317.70	30/06/2024	20/06/2024
		Actual-317.70	OTM	Minister	28/01/2020	-	26/2/2020	03/5/2020	14/5/2020	10/6/20	-	-	-

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Package											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Deviation-685.43											

* Please mention Dates for plan and actual

* Deviation in days (difference between plan and actual)

*Plan as per procurement plan described in project document

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Information Related to Procurement of Services:

As per Project Document		Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of LOA	Contract Price & Date	Actual Payment	Date of Completion	
Package No	Description of Pack age											As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Not Applicable.													
		Plan											
		Actual											
		Deviation											

* Please mention Dates for plan and actual

* Deviation in days (difference between plan and actual)

* Plan as per procurement plan described in project document

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