

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT: IMED-04/2024

Name of the Project:

- **PROTECTIVE WORK ALONG THE RIGHT BANK OF SURMA RIVER AT DOWARABAZAR UPAZILA COMPLEX, LAXMIBAOR AND BETURA IN UPAZILA DOWARABAZAR AND CHATTAK IN SUNAMGANJ DISTRICT. (1st Revision)**

PROJECT PERIOD: 2020-2024

DIVISION : SUNAMGANJ O&M DIVISION-2, BWDB, SUNAMGANJ.

CIRCLE : SYLHET O&M CIRCLE, BWDB, SYLHET.

ZONE : NORTH-EASTERN ZONE, BWDB, SYLHET.

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	:	Protective Work along the right bank of Surma river at Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chattak in Sunamganj District. (1st Revision)
02.	Administrative Ministry/Division	:	Ministry of Water Resources (MoWR).
03.	Executing Agency	:	Bangladesh Water Development Board (BWDB).
04.	Planning Commission Sector/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
	Sylhet	Sunamganj	Dowarabazar and Chattak January-2020 to June-2024. (Extension time)

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	19167.23	19167.23			January-2020 to June-2023.	28-01-2020	ECNEC
1 st Revised (if applicable)	16387.33	16387.33			January-2020 to June-2024.	13/06/2024	MoWR

1 st No Cost Extension (If Applicable)	19167.23	19167.23			January-2020 to June-2024.	05/07/2023	MoWR

08. Objective of the Project

Overall objective:

Specific Objectives (in bullets):

- To prevent river bank erosion and protect local people from flood by implementing river bank protective works.
- To protect school, haat-bazar, road, bridge, houses, land as well as Govt. and Private

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infrastructures from threatening river erosion situated along the river bank in the project area.

- To increase the conveyance capacity of Surma River by River Bed Dredging Works.
- To ensure Socio-economic development and Sustainable Environmental Balance in the project area.

09. Background of the Project (In brief): The main objective of the project is to protect the upazila parishad complex of Dowarabazar upazila of Sunamganj district located on the right bank of Surma river and adjacent areas, Bazar and Laxmibaor, Betura etc. areas of Chatak upazila, Sunamganj district headquarters including improvement of the environment and socio-economic conditions of the people by increasing the navigability of the river by dredging various parts of Surma river and protecting the riverbank erosion prone areas by riverbank protection.

10. Major Activities:

- 3.27 km of river bank protection work under the project was covered under a total of 9 packages.
- 18.00 km of dredging works were resourced under 6 packages.

11. Reasons for Revision (if applicable):

- 1st Revision: During the implementation of Riverbank Protective Work, package no Sunam-2/RBP/W-4, Sunam-2/RBP/W-5, Sunam-2/RBP/W-6, Sunam-2/RBP/W-7 were badly affected by Bank Slide/ Land Slide which is a very common phenomenon of Surma and Kushiya River. The entire length of the 4 packages of riverbank protective work is densely populated along the river bank. There are large low lands in the adjacent area. There was always accumulated water. Moreover, the water used in residential houses falls on the river bank protective work constantly running through pipes. As there is always water in these low land, due to Seepage of water and slushiness of the earth of that area, the soil beneath the placed slope collapsed repeatedly, causing extensive damage to the protective work during the implementation period. Chief Engineer, Design Circle, BWDB, Dhaka; Chief Engineer, North Eastern Region, BWDB, Sylhet; Superintending Engineer, Design Circle-9, BWDB, Dhaka; Superintending Engineer, Sylhet O & M Circle, BWDB, Sylhet Sir and Executive Engineer, Design Circle-9, BWDB, Dhaka and concerned officials visited the work area. After the inspection, instructions were given to send the design data to the Superintending Engineer, Design Circle-9, BWDB, Dhaka office after completing the necessary survey for repairing the damaged part of the packages. Accordingly, on submission of verified design data, revised approved design dated 06/03/2024 A.D. (DWG No:-pw/Dowarabazar/surma R/sunam2/279, date:-06/03/2024) was available. According to the approved revised design, for implementing the repair work at the damaged parts, the quantities of the Tendered Items were increased and some Non-Tendered items arose. Due to which variation of the said 4 packages was required.

On the other hand, the contract price of the packages under the project was much lower than the official cost estimate. On the other hand the dredging work could not be implemented fully according to the design section because there were private lands within the dredging alignment. Local people and local public representatives created obstacle to the implementation of dredging work in these private areas. As a result the Dredging work under the project has been completed by TK 3445.75 lac (35.33 %) less than the original DPP cost but as per the Revised DPP.

- 2nd Revision

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

- 1st time No-Cost Time Extension : In late March 2022, due to record rainfall in Cherrapunji area of Meghalaya, flash floods occurred in Sunamganj district. Also, in June, 2022, Sunamganj and Sylhet districts were affected by the worst flood in the history of 122 years. As a result, in the previous financial year 2022-23, the CC block casting, geobag sand filling work required for the riverbank protective work of the project was severely delayed.

Due to the floods, the work site of the bank protective works was silted up and submerged for long periods of time. Removal of flood-borne sediments takes extra time to make the post-monsoon work site suitable for work. In the past 2020 and 2021, due to the ongoing lockdown in the country resulting from the global Covid-19 pandemic, there was a labor crisis and disruptions in the mobilization of goods to the site. Apart from this, due to the lack of ADP allocation and sufficient funds in view of the actual progress of the work, the pace of project implementation has slowed down.

If the implementation of the proposed river bank conservation works in these areas was not completed, important infrastructure, paved roads, markets, agricultural land will be lost due to river erosion. Considering these issues, the full implementation of the project was important and necessary. It was necessary to extend the duration of the project without increasing the cost to include the said project in the ADP of the financial year 2023-24 for proper implementation of all the works of the project.

- 2nd time No-Cost Time Extension : N/A

12. Financing Arrangement (Source-wise): N/A

12.1 Status of Loan/Grant

a) Foreign Financing:

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

b) GOB:

Total amount	Loan	Grant	Cash Foreign Exchange
(1)	(2)	(3)	(4)
16387.33		16387.33	

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c) Self-finance/Equity:

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

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

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): N/A

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)

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			
(1)	(2)	(3)	(4)	(5)
January 2020 to June 2023	January 2020 to June 2024	January 2020 to June 2024	28.57%	In late March 2022, due to record rainfall in Cherrapunji area of Meghalaya, flash floods occurred in Sunamganj district. Also, in June, 2022, Sunamganj and Sylhet districts were affected by the worst flood in the history of 122 years. As a result, in the previous financial year 2022-23, the CC block casting, geobag sand filling work required for the riverbank protection work of the project was severely delayed.

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14. Cost of the Project:

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised			
(1)	(2)	(3)	(4)	(5)	(6)
	19167.23	16387.33	14931.38	(-) 22.10%	The contract price of the packages under the project was much lower than the official cost estimate. On the other hand the dredging work could not be implemented fully according to the design section
	19167.23	16387.33	14931.38		
					because there were private lands within the dredging alignment. Local people and local public representatives created obstacle to the implementation of dredging work in these private areas. As a result the Dredging work under the project has been completed by TK 3445.75 lac (35.33 %) less than the original DPP cost but as per the Revised DPP.
					On the other hand, within 50 m distance from package no-Sunam-2/RBP/W-4, 5, 6 & 7, there were some ditches in the private lands in which accumulation of water used to occur. Although there was allocation for filling the Ditches in the revised DPP, The Owner of these private lands did not allow to fill the ditches. The accumulation problem was solved by creating V-drains from the ditches to the river. As a result, Protective Work has been completed by Tk 743.55 Lac (8.05%) less than the Original DPP and 1435.14 Lac (14.46%) less than the revised DPP.
					As a result, the whole project has been completed by TK 4235.85 lac (22.10%) less than the Original DPP and TK 1455.53 lac (8.88%) less than the Revised DPP.



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)
Md. Shafiqul Islam Executive Engineer Scale: 43000-69850 (5 th Grade)	Full Time	-	Yes	04/06/2020	07/09/2020	
Md. Sobibur Rahman Executive Engineer Scale: 43000-69850 (5 th Grade)	Full Time	-	Yes	07/09/2020	31/01/2021	
Khushi Mohan Sarker Superintendent Engineer Scale: 50000-71200 (4 th Grade)	Full Time	-	Yes	31/01/2021	27/12/2021	
Probir Kumer Gossami Superintendent Engineer Scale: 50000-71200 (4 th Grade)	Full Time	-	Yes	27/12/2021	23/07/2023	
Md. Shafiqul Islam Superintendent Engineer Scale: 50000-71200 (4 th Grade)	Full Time	-	Yes	23/07/2023	Till date	

16. Personnel:

16.1 Personnel of Project implementation Unit (PIU):

Sl. No.	Name of Post (Grade)	Approved Strength	Employed during Implementation
(1)	(2)	(3)	(4)
Officer(S)	Existing manpower of the implementing agency were deployed during implementation of the project.		
Staff (S)			
Total=			

16.2 Personnel Required after the Project Completion

Sl. No.	As P reposed in Project Document (PD)		Recruited (Yes/No)	If not recruited explain reason and latest status
	Name of Post	Number		
(1)	(2)	(3)	(4)	(5)
	Project Work has been implemented by existing manpower of Sunamganj O&M Division-2, BWDB, Sunamganj.			
Total=				

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17. Training (Foreign/Local): N/A

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	PA	Self-finance	Others	Total	GOB	PA	Self-finance	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(a) Revenue:												
Travelling Allowance	LS		7.72	7.72				7.72	7.72			
Petrol and Lubricant	LS		7.99	7.99				7.99	7.99			
Printing	LS		1.99	1.99				1.99	1.99			
Publications and Advertisement	LS		3.95	3.95				3.95	3.95			
Honorarium/ Fee/ Remuneration	LS		7.67	7.67				7.67	7.67			
Mid Term Project Evaluation (Honuriam)	LS		9.71	9.71				9.71	9.71			
Survey	LS		3.98	3.98				3.98	3.98			
General Supply	LS		0.99	0.99				0.99	0.99			
Vehicale (Maintanance)	LS		3.98	3.98				3.98	3.98			
Stamp and Seal	LS		2.00	2.00				2.00	2.00			
Sub-total (Revenue)			49.98	49.98				49.98	49.98			
(b) Capital												

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Jeep (2500 CC, 1 No) (5 Doors)	Nos	1	73.30	73.30			73.30	73.30			
Vehicle (Motorcycle)	Nos	1	1.50	1.50			1.49	1.49			
Computer & Accessories (Printer and Scanner)	Nos	2	0.80	0.80			0.80	0.80			
Engineering Equipment (Leveling machine) 1 No.	Nos	1	1.50	1.50			1.49	1.49			
Furniture	Nos	1 Item	2.00	2.00			2.00	2.00			
Forestation (Tree Plantation)	Item	1 Item	8.99	8.99			8.35	8.35			
River Dredging (18.00 km)	KM	18.00	6306.19	6306.19			6306.03	6306.03			
River Bank Protective work (3.27 km)	KM	3.27	9923.07	9923.07			8487.94	8487.94			
b) Sub-total (Capital)			16229.26	16229.26			14881.40	14881.40			
Total a + b (Revenue + Capital)			16367.33	16367.33							
c) Price contingency, 1 Item			10.00	10.00			-	-			
d) Physical contingency, 1 Item			10.00	10.00			-	-			
Grand Total:			16387.33	16387.33			14931.38	14931.38			

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 (2500 CC, 1 No) (5 Doors)	1	1 28/06/2022	28/06/2022	Sunamganj O&M Division-2 28/06/2022			Is being used for official Work of O&M division

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							and Sub division.
Vehicle (Motorcycle)	1	1 20/06/2020	20/06/2020	Sunamganj O&M Division-2 20/06/2020			Is being used for official Work of O&M division and Sub division.
Microbus							
Minibus							
Bus							
Pick-up							
Truck							
By-cycle							
Speed Boat							
Launch							
Others with name							

20. Project Consultant (s) (Local/Foreign): N/A

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:						

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
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(1)	(2)	(3)	(4)	(5)	(6)	(7)
Levelling Machine	1	1 20/06/2020	Sunamganj O&M Division-2 20/06/2020		1	Is being used for Survey for the monitoring of implemented work.
Computer & Accessories (Printer and Scanner)	1	1 20/06/2020	Sunamganj O&M Division-2 20/06/2020		1	Is being used for official Work of O&M division and Sub division.

22. Procurement of Goods, Works and Services:

22.1 Information on packages:

- Total number of packages as per Project Document: -21 (Goods- 05, Works- 16, Services- -----)
- Total number of packages procured: 21 (Goods- 05. Works- 16, -Services- -----)
- Reason for not procuring (if any):
- Number of packages for which the estimated cost is more than 1% of the estimated cost of the project: -----(Goods- ----- Works- ----- Services- -----)

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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Information Related to Procurement of Goods:

As per Project Document Package No	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	Date of Completion Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
sunam-2/G-1/2019-20	Jeep (2500 CC, 1 No) (5 Doors)	Plan Actual Deviation	DPM DPM RFQ	According to DOFP According to DOFP	25.03.2020 22.06.2022 819 days		20.06.2020 28.06.2022 830 days	20.06.2020 28.06.2022 830 days	20.06.2020 28.06.2022 830 days	73.30 28.06.2022 1.50	73.30 28.06.2022 1.49	20.06.2020 28.06.2022 20.06.2020	28.06.2022 30.06.2021
sunam-2/G-4/2019-20	Levelling Machine	Plan Actual Deviation	RFQ RFQ RFQ	According to DOFP XEN According to DOFP	25.03.2020 06.04.2021 377 days		31.03.2020 11.04.2021 376 days	3.04.2020 15.04.2021 377 days	05.04.2020 18.04.2021 378 days	1.50 18.04.2021 1.50	1.49 18.04.2021 1.49	20.06.2020 20.06.2020 20.06.2020	30.06.2021 30.06.2021 30.06.2021
sunam-2/G-2/2019-20	Vehicle (Motorcycle)	Plan Actual Deviation	RFQ RFQ RFQ	According to DOFP XEN According to DOFP	25.03.2020 06.04.2021 377 days		31.03.2020 11.04.2021 376 days	3.04.2020 13.04.2021 375 days	05.04.2020 15.04.2021 375 days	1.50 15.04.2021 0.80	1.49 15.04.2021 0.80	20.06.2020 20.06.2020 20.06.2020	30.06.2021 30.06.2021 30.06.2021
sunam-2/G-3/2019-20	Computer & Accessories (Printer and Scanner)	Plan Actual Deviation	RFQ RFQ RFQ	According to DOFP XEN According to DOFP	25.03.2020 06.04.2021 377 days		31.03.2020 11.04.2021 376 days	3.04.2020 13.04.2021 375 days	05.04.2020 15.04.2021 375 days	0.80 15.04.2021 2.00	0.80 15.04.2021 2.00	20.06.2020 20.06.2020 20.06.2020	30.06.2021 30.06.2021 30.06.2021
sunam-2/G-5/2019-20	Furniture	Plan Actual Deviation	RFQ RFQ RFQ	According to DOFP XEN According to DOFP	25.03.2020 06.04.2021 377 days		31.03.2020 11.04.2021 376 days	3.04.2020 13.04.2021 375 days	05.04.2020 15.04.2021 375 days	2.00 15.04.2021 2.00	2.00 15.04.2021 2.00	20.06.2020 20.06.2020 20.06.2020	30.06.2021 30.06.2021 30.06.2021

* 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 Package No	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 (lac) & Date	Actual Payment (Lac)	Date of Completion As per Contract	Date of Completion Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Sunam- 2/RBP/W- 1	Protective work along the right bank of Surma river from km 94.863 to km 95.273, total 410m at Lakkhi Baor in Upazilla: Chatak, Dist: Sunamganj under Sunamganj O&M Division-2, BWDB, Sunamganj during the Year: 2020- 2021 to 2022-2023.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Somokal, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	975.04	974.86	30.04.2023	31.05.2024
		Actual	OTM (NCT)	CE	05.07.2020		05.08.2020	26.08.2020	20.08.2020	24.09.20			
		Deviation			102 days		102 days	102 days	96 days				
Sunam- 2/RBP/W- 2	Protective work along the Right bank of Surma river from km 95.273 to km 95.683 Total 410 m at Lakkhi Baor in Upazilla: Chatak, Dist: Sunamganj under Sunamganj O&M Division-2.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Somokal, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	1003.68	997.94	30.04.2023	31.05.2024
		Actual	OTM (NCT)	CE	05.07.2020		05.08.2020	25.08.2020	20.08.2020	24.09.20			
		Deviation			102 days		102 days	101 days	96 days				

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	BWDB, Sunamganj during the Year: 2020-2021 and 2022-23.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Dhaka Tribune	25.04.2020 05.08.2020 102 days	16.05.2020 25.08.2020 101 days	895.67 24.09.20	881.32	30.04.2023	31.05.2024
Sunan-2/RBP/W-3	Bank protective work at Chataak area near Betura from km 96.763 to km 97.113 Total 350 m along the right bank of Surma river in Upazilla: Chhatak, Dist: Sunamganj under Sunamganj O&M Division-2, BWDB, Sunamganj during the Year: 2020-2021 to 2022-2023.	Actual Deviation	OTM (NCT)	SE	05.07.2020 102 days							
Sunan-2/RBP/W-4	Bank protective work at Dowarabazar from km 100.780 to km 101.190 total 410m along the right bank of Surma river in Upazilla: Dowarabazar, Dist:	Plan Actual Deviation	OTM (NCT) OTM (NCT)	According to DOFP CE	25.03.2020 05.07.2020 102 days	Somokal, Dhaka Tribune	25.04.2020 05.08.2020 102 days	16.05.2020 26.08.2020 101 days	Original-1050.47 Revised-1076.75 24.09.20	1072.91	29.06.2024	31.05.2024

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Sunam-2/RBP/W-5	Sunamganj under O&M Division-2, BWDB, Sunamganj during the Year: 2020-2021 to 2022 - 2023	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	16.05.2020	Original-1039.07 Revised-1090.16	1083.42	29.06.2024	31.05.2024
		Actual	OTM (NCT)	CE	29.07.2020		31.08.2020	06.09.2020	07.09.2020					
		Deviation			126 days		128 days	113 days	114 days					
											24.09.20			
Sunam-2/RBP/W-6	Bank protective work at Dowerabaz ar from km 101.190 to km 101.590 total 400m along the right bank of Surma river in Upazilla: Dowerabaz ar, Dist: Sunamganj under Sunamganj O&M Division-2, BWDB, Sunamganj during the Year: 2020-2021 to 2022 - 2023.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	16.05.2020	Original-881.23 Revised-925.43	922.72	31.05.2024	31.05.2024
		Actual	OTM (NCT)	SE	29.07.2020		31.08.2020	06.09.2020	07.09.2020					
		Deviation			126 days		128 days	113 days	114 days					
											24.09.20			

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Sunam-2/RBP/W-7	of Surma river in Upazilla: Dowarabazar, Dist: Sunamganj under Sunamganj O&M Division-2, BWDB, Sunamganj during the Year: 2020-2021 to 2022 - 2023.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	Original-939.26 Revised-986.84 24.09.20	984.03	31.05.2024	31.05.2024
		Actual	OTM (NCT)	SE	29.07.2020		31.08.2020	06.09.2020	07.09.2020				
		Deviation			126 days		128 days	113 days	114 days				
Sunam-2/RBP/W-8	Bank protective work at Dowara bazar area from km	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	852.16 24.09.20	838.48	31.05.2024	31.05.2024
		Actual	OTM (NCT)	SE	29.07.2020		31.08.2020	06.09.2020	07.09.2020				
		Deviation			126 days		128 days	113 days	114 days				

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Sunam-2/RBP/W-9	102.250 to km 102.580 total 330M along the right bank of Surma river in Upazilla: Dowerabazar, Dist: Sunamganj under Sunamganj O&M Division-2, BWDB, Sunamganj during the Year: 2020-2021 to 2022-2023.	Plan	OTM (NCT)	According to DOFP	25.03.2020	Somokal, Dhaka Tribune	25.04.2020	16.05.2020	16.05.2020	732.23	31.05.2024	31.05.2024
		Actual	OTM (NCT)	SE	05.07.2020		05.08.2020	25.08.2020	25.08.2020	738.92		
		Deviation			102 days		102 days	101 days	102 days	24.09.20		

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Sunam-2/Dredgin g/W-1	2023. Dredging work of the Surma River from km 91.000 to km 92.400 = 1.400 km and from km 94.200 to km 96.500 = 2.300 km Total 3.700 km at Upazila Chattak in Sunamganj District under Sunamganj O&M Division-2 BWDB Sunamganj during the Year 2020-2021 to 2022-2023.	Plan	OTM (NCT)	According to DOFP	CE	25.03.2020	Bangladesh Post, Amader notun somoy, Sunam konto	25.04.2020	16.05.2020	16.05.2020	16.05.2020	1433.01	1095.34	31.03.2023	31.03.2023
		Actual	OTM (NCT)	DOFP	CE	04.10.2020	193 days	04.11.2020	18.11.2020	18.11.2020	21.11.2020	17.12.20			
		Deviation	OTM (NCT)					193 days	186 days	186 days	189 days				
Sunam-2/Dredgin g/W-2	Dredging work of the Surma River from km 101.200 to km 102.900, km 103.000 to km 104.100 Total 2.800 km at Upazila Dowarabaz ar in Sunamganj District. under Sunamganj O&M Division-2	Plan	OTM (NCT)	According to DOFP	CE	25.03.2020	Bangladesh Post, Amader notun somoy, Sunam konto	25.04.2020	16.05.2020	16.05.2020	16.05.2020	1200.69	911.14	31.03.2023	31.03.2023
		Actual	OTM (NCT)	DOFP	CE	04.10.2020	193 days	04.11.2020	19.11.2020	19.11.2020	21.11.2020	20.12.20			
		Deviation	OTM (NCT)					193 days	187 days	187 days	189 days				

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[illegible]

ar in Sunanganj District. under Sunanganj O&M Division-2 BWDB Sunanganj during the Year 2020- 2021 to 2022-2023.	Plan Actual Deviation	OTM (NCT) OTM (NCT)	According to DOFP CE	25.03.2020 04.10.2020 193 days	Bangladesh Post, Amader notun somoy, Sunam konto	25.04.2020 04.11.2020 193 days	16.05.2020 19.11.2020 187 days	16.05.2020 21.11.2020 189 days	1301.78 17.12.20	1229.28	31.03.2023	31.03.2023
Sunam- 2/Dredgin g/W-5	Dredging work of the Surma River from km 110.400 to km 114.200 Total 3.800 km at Upazila Dowarabaz ar in Sunanganj District. under Sunanganj O&M Division-2 BWDB Sunanganj during the Year 2020- 2021 to 2022-2023.											
Sunam- 2/Dredgin g/W-6	Dredging work of the Surma River from km 114.300 to km 116.100 = 1.800 km & Km 117.200 to km 118.000 = 0.800 Total 2.600 km											

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Sunam-2/TPL/W-1	at Upazila Dwarabazar in Sunanganj District under Sunanganj O&M Division-2 BWDB Sunanganj during the Year 2020-2021 to 2022-2023.	Tree Plantation	Plan	OTM (NCT)	According to DOFP	25.03.2020	Daily Sangbad, Daily Industry	25.04.2020	16.05.2020	16.05.2020	10.00	8.35	30.04.2023	30.04.2023
			Actual	OTM (NCT)	XEN	28.01.2021		14.02.2021	31.03.2021	31.03.2021				
			Deviation			309 days		295 days	319 days	319 days				

* 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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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)
2019-20	2113.05	2113.05	-	-	-	11.02	0.00	0.00	-	-	-	-
2020-21	8742.07	8742.07	-	-	-	45.12	1997.60	1997.60	-	-	-	12.19
2021-22	6157.55	6157.55	-	-	-	32.13	4968.05	4968.05	-	-	-	30.316
2022-23	2154.56	2154.56	-	-	-	11.24	5495.76	5495.76	-	-	-	33.537
2023-24	0.00	0.00	-	-	-	0.00	3925.92	3925.92	-	-	-	23.957
Total	19167.23	19167.23	-	-	-	100.00	16387.33	16387.33	-	-	-	100.00

24. Revised ADP allocation and progress: (Lac BDT)

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
2019-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020-21	2000.00	2000.00	-	-	-	12.19	2000.00	1997.61	1997.61	-	-	-	12.19	2.39
2021-22	5000.00	5000.00	-	-	-	30.316	5000.00	4968.03	4968.03	-	-	-	30.32	31.97
2022-23	5498.16	5498.16	-	-	-	33.537	5498.16	5495.60	5495.60	-	-	-	33.54	2.56
2023-24	3925.92	3925.91	-	-	-	23.957	2525.00	2470.14	2470.14	-	-	-	15.06	54.86
Total=	16387.33	16387.33	-	-	-	100.00	15023.16	14931.38	14931.38	-	-	-	91.11	91.78

*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)
(a) To Prevent River bank erosion and flood by construction of river bank protective works.	(a) 3.27 KM Bank Protective work along the Right/ Left Bank of Surma River has been Completed.	No shortfall
(b) To protect the Govt. and Private infrastructures from threatening river erosion situated along the river bank in the project area.	(b) Various Govt. and Private infrastructure situated along the river bank in the project area are protected by the Bank Protective Works.	

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(c) To increase the conveyance capacity of Surma River by Dredging Work.	(c) 18.00 KM Dredging Work has been completed to increase the conveyance capacity of arial khan river.	
(d) To ensure Socio-economic development and Sustainable Environmental Balance in the project area.	(d) Socio-economic development and Sustainable Environment Balance in the project area.	

E. BENEFIT ANALYSIS

26. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1 st year of operation at full capacity (or during, real production for newly completed project)
1.UNO Office building (Two Storied)	No	1	1
2. Court building	No	1	1
3. UNO Resident (two Storied)	No	1	1
4.Upazilla Chairman (two storied)	No	1	1
5. Office Building	nos	8	8
6. Police Station (Four Storied)	No	1	1
7. Resident building (two storied)	nos	28	28
8. Resident building (One storied)	nos	55	55
9. Tin sheed building	nos	400	400
10. Mosque	nos	11	11
11. Mondir	nos	4	4
12. Hospital	nos	3	3
13. Shope (paka)	nos	55	55
14. Tin Sheed Shope	nos	60	60
15. food LSD	nos	3	3
16. Post Office	no	1	1
17. Bank Building	nos	3	3
18. Govt. High School	nos	3	3
19. Gov. Primary School	nos	5	5
20. Degree College	no	1	1
21. College Playground	no	1	1
22. Community Clinic	no	1	1
23. Road (paka)	km	4	4
24. Eletrical line with	km	2.5	2.5

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80m			
25. Ice Factory	no	1	1
26. Rice Mill	nos	3	3
27. Bazar & Other land	hac	50	50
28. Football Playground	nos	2	2
29. Saw Mill	nos	1	1
30. Union Prodhad Building (two storeid)	no	1	1
31. Muktujuddha Complex (Four Storied)	no	1	1
32. Mobile Tower	nos	2	2
33. T & T Office (Two storied)	nos	1	1
34. Eidgah	no	1	1
35. T & T Line, Gas line, Interline lin	km	8	8
36. Soshan	no	1	1

27. Cost/Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project:		
(i) Financial	-	Will be evaluated later by concern directors of BWDB and IMED
(ii) Economic	2.87:1.00	
(2) Internal Rate of Return:		
(i) Financial	-	
(ii) Economic	33.16%	

28. Please give reasons for shortfall, if any, between the estimated and actual benefit: N/A

F. MONITORING AND AUDITING

29. Monitoring:

Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
1	2	3	4
a) IMED:			
Muhammad Saifur Rahman Deputy Director IMED	12/10/2022	No major problems identified	1) Instructed to follow approved designs for construction works

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Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
			& to complete within the stipulated time.
Aysha Akther Director (Deputy Secretary) IMED.	14/05/2023		1) Project must be completed within stipulated time. Dredged earth must be managed in planned way to reclaim land.
b) Ministry/Agency:			
Mid-Term Evaluation committee consisting of 13 (Thirteen) members 1) Md. Motiur Rahman Chief (irrigation) Agriculture, Agriculture, Water Resources & Rural Division, Planning Commission 2) Muhammad Anamul Haque Joint chief (Irrigation), Agriculture, Water Resources & Rural Division, Planning Commission 3) S.M Rejaul Mostofa Kamal Joint Secretary Ministry of Water Resource. 4) Md. Saiful Islam DG, IMED, Planning Commission 5) S.M Shohidul Islam Chief Engineer (East-west) BWDB, Sylhet. 6) Dipannita Shaha Deputy-Secretary, Ministry of Water Resources. 7) Nasrin Alam Shati Deputy-Secretary, IMED Planning Commission . 8) Probir Kumer Gossami Superintendent Engineer Sylhet O & M Circle, BWDB, Sylhet. & Project Director. 9) Polash Kumer Benerji Executive Engineer Chief Monitoring, BWDB, Dhaka. 10) Md. Shamsul Islam Deputy-Chief, (Irrigation) , Agriculture, Water Resources & Rural Division, Planning Commission. 11) Md. Shamsudduha Executive Engineer, Sunamganj O & M Division-2 BWDB, Sunamganj. 12) Tania Ferdus Senior Assistant Chief (planning-5),	17/02/2022 To 19/02/2022		1) The ongoing Package works of the project must be completed within the stipulated time while maintaining proper quality standards. 2) package of dredging work shall be evaluated and the work shall be started by issuing work orders at the earliest.

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Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
Ministry of Water Resources 13) Md. Sarwar Hussain, Senior Assistant Chief, Agriculture, Water Resources & Rural Division, Planning Commission			
S.M Sohidul Islam, Chief Engineer East-Western Zone, BWDB, Sylhet.	02/03/21	No major problems identified.	Instructed to follow approved designs for construction works & to complete within the stipulated time.
Probir Kumer Gossami Superintending Engineer, Sylhet O&M Circle, BWDB, Sylhet.	02/02/21	No major problems identified.	Instructed to follow approved designs for construction works.
c) Others: (Please specify)			
Md. Muhibor Rahman Manik, MP (Sunamganj-5)	21/10/2022	No major problems identified.	1) Project must be completed within stipulated time.

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
No internal Audit				

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
2019-22	24/01/2023	58	Non-proper management of dredged material obtained from char removal/dredging. Tk= 2,14,205/-	Broadsheet reply were

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		88	Loss due to non-timely dumping of CC Block Manufacturing. Tk=31,41,18,797/-	Submitted for 2 objections.
		05	Payment by CC Block Production and Supply Task Force showing excess amount over calculation report. Tk=1,09,77,341/-	Broadsheet reply were Submitted for 2 objections.
2022-23	08/01/2024	10	Execution and billing of contractor using sub-standard CC blocks out of specification. Tk=1,81,58,657/-	
Total findings/objections and Money involved=			4 objections Tk= 34,34,69,000/-	

G. POST-PROJECT REMARKS

31. General Observations/Remarks on the Project

31.1 Background:

The main objective of the project is to protect the upazila parishad complex of Dowarabazar upazila of Sunamganj district located on the right bank of Surma river and adjacent areas, Bazar and Laxmibaor, Betura etc. areas of Chatak upazila, Sunamganj district headquarters including improvement of the environment and socio-economic conditions of the people by increasing the navigability of the river by dredging various parts of Surma river and protecting the riverbank erosion prone areas by riverbank protection. The mentioned areas are adjacent to the Sunamganj-Sylhet flood control embankment (Sunamganj Unit) and have been subject to repeated riverbank erosion.

In view of that, the project entitled " Protective Work along the right bank of Surma river at Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chhatak in Sunamganj District" was approved as per the instructions of the Honorable Prime Minister in the ECNEC meeting dated 28/01/2020. The main DPP cost of the project with Tk 19167.23 lakhs is scheduled for implementation from January-2020 to June-2023. Due to Riverbank erosion resulting from the flow of Surma river through Dowarabazar and Chatak upazilas of Sunamganj district, various government, semi-government establishments, property etc. were threatened and suffered fatal damage. In such a situation, the areas adjacent to the riverbank could be protected through dredging along with the implementation of permanent protective works in the erosion prone areas. At the same time, the water will be drained quickly with the increase in the conveyance capacity of the river by implementing dredging work.

As per the original DPP, 3.27 km of river bank protection work under the project was covered under a total of 9 packages. Also, 18.00 km of dredging works were resourced under 6 packages.

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31.2 Justification/Adequacy:

Bangladesh is a riverine country and bank-line erosion of different rivers has been a recurrent event. River bank erosion in alluvial lands of Bangladesh is a complex and dynamic thrust of nature due to strong onrush of water and major variation in between normal water flow and surges of inflow during monsoon & post-monsoon period in each year. The monsoon discharge of the major rivers is so large that there is recurrence of floods every year. Sometimes it becomes very severe and causes immense damages impacted by occurrence of devastating river erosion. This has significant social and economic impacts. The loss of land, crop and property has led to landlessness and impoverishment of thousands of dwellers living within bankline/flood-plains. The large seasonal variation in river flow results in varying sediment transportation capacity and causes river-bank erosion, migration of river-bank and meandering of river channels. There is a direct relevance of the project to the objectives stated above. Immediate objective of bank protection from river bank erosion and the ultimate objectives are safety of lives, properties and its economic impacts will be fulfilled for improved socio-economic and environmental impacts.

31.3 Objectives :

- a) Dowarabazar Upazila Parishad Complex of the project area, adjoining areas and markets and Laxmibao, Betura etc. of Chatak Upazila will be protected from river erosion.
- b) The only communication road of Sunamganj district headquarters with Chatak Dowarabazar upazila will be saved from river erosion. As a result, the communication system of the project area with the district headquarters will remain intact.
- c) Through the implementation of Char Removal / River Dredging (River Dredging) works, the navigability of the river will increase resulting in massive benefits to the water transport system.
- d) After the implementation of the project, about 1.00 lakh people of the region will be directly free from the risk of river erosion.
- e) Under the project, it will be possible to create about 310 hectares of high developed land by filling lowlands, sinks, abandoned ponds adjacent to the riverbank with the spoil earth obtained through the implementation of river dredging work. The market value of which will be about Tk 700.00 crores. It will be possible to build government buildings, shelter projects for the landless etc. on the created high developed land.
- f) Development of education, agriculture, social activities, expansion and growth of trade and commerce will happen. As a result of dredging of the river, there will be facilities in the transportation of passengers and goods by sea, as a result of which the continuity of socio-economic development will remain intact.
- g) To prevent river bank erosion and protect local people from flood by implementing river bank protective works.

31.4 Project revision with reasons:

(a) Reasons for No Cost Time Extension:

In late March 2022, due to record rainfall in Cherrapunji area of Meghalaya, flash floods occurred in Sunamganj district. Also, in June, 2022, Sunamganj and Sylhet districts were affected by the worst flood in the history of 122 years. As a result, in the previous financial year 2022-23, the CC block casting, geobag sand filling work required for the riverbank protective work of the project was severely delayed.

Due to the floods, the work site of the bank protective works was silted up and submerged for long periods of time. Removal of flood-borne sediments takes extra time to make the post-monsoon work site suitable for work. In the past 2020 and 2021, due to the ongoing lockdown in the country resulting from the global Covid-19 pandemic, there was a labor crisis and disruptions in the mobilization of goods to the site. Apart from this, due

to the lack of ADP allocation and sufficient funds in view of the actual progress of the work, the pace of project implementation has slowed down.

If the implementation of the proposed river bank conservation works in these areas was not completed, important infrastructure, paved roads, markets, agricultural land will be lost due to river erosion. Considering these issues, the full implementation of the project was important and necessary. It was necessary to extend the duration of the project without increasing the cost to include the said project in the ADP of the financial year 2023-24 for proper implementation of all the works of the project.

(b) Reasons for 1st Revision of the DPP:

The Project " Protective Work along the right bank of Surma river at Dowarabazar upazila complex, Laxmibaoor and Betura in upazila Dowarabazar and Chhatak in Sunamganj District " was approved in the meeting of ECNEC on 28-01-2020. The total estimated cost of the project was BDT. 19167.23 lakhs. The duration of the project was from January, 2020 to June, 2023. In next, No Cost Time Extension for the project was approved by the competent authority till June 2024 without any increase in expenditure. The project consists of a total of 16 packages of physical works. Surma river dredging works of 18.00 km (in 6 packages) and 3.270 km of river bank protection work (in 9 packages) and tree plantation (in 1 package).

Meanwhile, 18.00 km of Surma river dredging work (in 6 packages) was completed. In these 6 packages, the contractor's actual bid price is lower than the sanctioned DPP cost, resulting in cost savings.

During the implementation of Riverbank Protective Work, package no Sunam-2/RBP/W-4, Sunam-2/RBP/W-5, Sunam-2/RBP/W-6, Sunam-2/RBP/W-7 were badly affected by Bank Slide/ Land Slide which is a very common phenomenon of Surma and Kushiya River. The entire length of the 4 packages of riverbank protective work is densely populated along the river bank. There are large low lands in the settlement area. There was always accumulated water. Moreover, the water used in residential houses falls on the river bank protective work constantly running through pipes. As there is always water in the low land, due to Seepage of water and slushiness of the earth of that area, the soil beneath the placed slope collapsed repeatedly, causing extensive damage to the protective work during the implementation period.

Chief Engineer, Design Circle, BWDB, Dhaka; Chief Engineer, North Eastern Region, BWDB, Sylhet; Superintending Engineer, Design Circle-9, BWDB, Dhaka; Superintending Engineer, Sylhet O & M Circle, BWDB, Sylhet Sir and Executive Engineer, Design Circle-9, BWDB, Dhaka and concerned officials visited the work area. After the inspection, instructions were given to send the design data to the Superintending Engineer, Design Circle-9, BWDB, Dhaka office after completing the necessary survey for repairing the damaged part of the packages. Accordingly, on submission of verified design data, revised approved design dated 06/03/2024 A.D. (DWG No:-pw/Dowarabazar/surma R/sunam2/279, date:- 06/03/2024) was available. According to the approved revised design, for implementing the repair work at the damaged parts, the quantities of the Tendered Items were increased and some Non-Tendered items arose. Due to which variation of the said 4 packages was required.

In 2022, due to instability and dollar crisis, the price of stone and other building materials increased, the new rate shedule was approved by the relevant authorities. Later, due to a resurgence in the prices of several steel products, including cement and rods, the rate shedule was revised in 2022. Variation proposals and Rates of Non-Tendered Items of the said 4 packages were prepared based on the latest rate schedule.

According to the section 21.26 of "Development Project Formulation, Procurement, Approval and Amendment Guidelines of June 2022", in any procurement activities under any development project, if price quoted in the

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tender for any package/lot exceeds the approved estimated cost of the package/lot included in the said project, the proposal for the Revision/ Re-appropriation of the project must be approved by the concerned authority before the completion of the tendering process.

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

32.1 Concept:

Bangladesh is a riverine country and bank-line erosion of different rivers has been a recurrent phenomena. River bank erosion in alluvial lands of Bangladesh is a complex and dynamic thrust of nature due to strong onrush of water and major variation in between normal water flow and surges of inflow during monsoon & post-monsoon period in each year. The monsoon discharge of the major rivers is so large that there is recurrence of floods every year. Sometimes it becomes very severe and causes immense damages. This has significant social and economic impacts. The loss of land, crop and property has led to landlessness and impoverishment of thousands of dwellers living within bankline/flood-plains. The large seasonal variation in river flow results in varying sediment transportation capacity and causes river-bank erosion, migration of river-bank and meandering river channels. Many Governments Structure, Roads, Buildings are located in such as a position just 200m distance from the eroded Surma River. So, if more erosion occurs these structures will be at high risk by River flow. The 3.270 KM permanent protective work will protect the project area. So, the location and timing are accurate for this project.

32.2 Design:

The Design of Protective Work was provided vide memo no: PW/SUNAM/DOWARABAZAR-1582 and the Design of Dredging Work was provided vide memo no: DREGING/SURMA/SUNAMGANG/2022.

32.3 Location and :

The project is located along the right bank of Surma river at Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chhatak in Sunamganj District.

32.4 Timing. Year 2020-2024.

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

33.1 Project Identification:

The project is located along the right bank of Surma river at Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chhatak in Sunamganj District. Due to the severe erosion problem of the Surma River, Dowarabazar Upazila Complex and adjacent areas, Dowarabazar to Sunamganj sadar road, Loxmibaor, Betura of Chhatak upazila and adjacent areas, honorable Member of the Parliament Sunamganj-5 (Chattak-Dowarabazar), MD. Muhibor Rahman Manik gave a Demi-Official letter to Honorable Speaker drawing kind attention of Honorable Minister, Ministry of Water Resources regarding the severe erosion of Surma River on 09-04-2018. Besides, Deputy Commissioner, Sunamganj wrote a letter to Secretary, MoWR informing the devastating situation of Riverbank Erosion of Surma River. The prevailing condition of the river erosion was such that it was necessary to construct permanent protective work instead of retired embankment for prevention of erosion. Besides this, most of the inhabitants of Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chhatak areas were under in threat of Bank erosion and inhabitants of these area were already shifted there house several times due to the erosion problem. Local people became frustrated. The socio-economic condition was deteriorating day by day.

33.2 Project Preparation:

To implement the Protective Work along the right bank of Surma river to protect Dowarabazar upazila complex, Laxmibaor and Betura in upazila Dowarabazar and Chhatak and adjacent areas from severe erosion of right

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bank of the Surma River, A Technical Commottee was formed on January, 2018 by BWDB. As per the recomendation of the Technical Committee the DPP was furnished.

33.3 Appraisal:

The appraisal meeting was held on 06-11-2018 at Planning Commission. Then, PEC meeting was held on 29-08-2019 at planning commission. As per desision of appraisal and PEC meeting the DPP was corrected and sent to the ECNEC for approval.

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 and: Not Applicable.

33.10 Others(specify): Not Applicable.

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 completion 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)

a)Direct :

- ♦ Protection against river bank erosion by implementing river bank protective works thus savings of the livelihood of local people from flood.

- ♦ Protecting local school, haat-bazar, road, bridge, houses, cultivable and homestead land as well as Govt. and Private infrastructures from threatening river erosion situated along the river bank in the project area.

- ♦ Increasing the conveyance capacity of Surma River by River Dredging Works.

- ♦ Ensuring socio-economic development and sustainable environmental balance within the project area.

- ♦ Under the project, it has been possible to create about 310 hectares of high developed land by filling the riverbanks and lowlands, sinks, abandoned ponds with the storm water obtained through the implementation of river dredging work, the market value of which will be about Tk 700.00 crores. It will be possible to build government buildings, shelter projects for the landless etc. on the created high ground.

b) Indirect

- i. Safety of human liveihood and properties.

- ii. Improvement of socio-economic condition.

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.

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

34.8 Possibility of Women-employment opportunity.

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

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 sustainable but requires periodic maintenance.

34.13 Contribution to poverty alleviation/reduction.

3270-meter revetment works along the right bank of the Surma River are completed. After Completion of the project, 3270-meter bank erosion along the right bank of the Surma River is under control.

Threat to the Dowarabazar Upazila Complex and adjacent areas, Dowarabazar to Sunamganj sadar road, Chattak upazila Loxmibor, Betura and adjacent areas has been minimised and also vast arable lands potential to agricultural production as well as valuable establishments in the area from the devastating erosion of the river Surma River has been protected.

3270-meter protective works will resist the erosion of the Surma River hence saving huge immovable public and private properties dispersed in the vicinity of the affected area from the river Surma River.

Socio-economic development of the area.

Livelihood options during project implementation period.

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:

In late March 2022, due to record rainfall in Cherrapunji area of Meghalaya, flash floods occurred in Sunamganj district. Also, in June, 2022, Sunamganj and Sylhet districts were affected by the worst flood in the history of 122 years. As a result, in the previous financial year 2022-23, the CC block-casting, geobag sand filling work required for the riverbank protective work of the project was severely disrupted.

35.10 Project financing: GOB

35.11 Allocation and release: Affected during FY 2020-21.

35.12 Design formulation/approval: N/A

35.13 Project aid disbursement and re-imbursement: N/A

35.14 Mission of the development partners: N/A

35.15 Time & Cost Over-run:

As mentioned in B-13.

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:

During the implementation of the project, a total of 3270-meter river bank protection works and 18000-meter river dredging work has been done. The 3270-meter permanent protective work has saved livelihood of local people dwelling near the river bank line as well as embankment and historic infrastructures and cultural heritage. 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

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declaration of the National Water Policy document of GOB (1999). Vision, incorporated in the document is as follows:

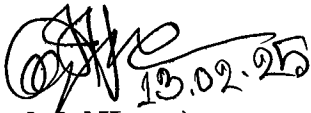
“Ensuring continued progress towards fulfilling the national and MDG goals of development through acquisition of water resources, optimizing its various use, managing resources for poverty reduction and sustainable development for securing their lives and properties from water related disasters”.

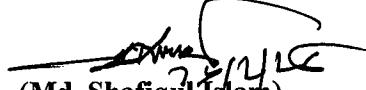
As water is a cross cutting resource, its use is broad-based. Water is a resource on the one hand and a mainstay of livelihoods on the other. So, the goal is not confined within the water sector alone, it extends deep into the livelihoods functions of water (e.g., agriculture, fisheries, health, land 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, Dowarabazar Upazila Complex and adjacent areas, Dowarabazar to Sunamganj sadar road, Chattak upazila Loxmibor, Betura and adjacent areas have been protected from severe bank erosion of the Surma River. 18.00 KM Dredging Work has increased the conveyance capacity of Surma River. Around Under the project, it will be possible to create about 310 hectares of high developed land by filling the riverbanks and lowlands, sinks, abandoned ponds with the storm water obtained through the implementation of river dredging work, the market value of which will be about Tk 700.00 crores. It will be possible to build government buildings, shelter projects for the landless etc. on the created high ground.

Moreover, worldwide COVID-19 pandemic squeezed up eligible working time. Still with close monitoring and careful supervision, the project was completed without time over-run as well as cost saving upon well completion of the project.

Recommendation: This project is performing well and good and as per expectation and can be declared as sustainable. Like any other development projects especially as a hydrological project of more numbers of uncertainties, it will require periodic maintenance of the physical structures which is also prescribed in the DPP. Every year through bathymetric survey conducted during monsoon 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. The socio-economic condition of the people has been improved. The safety of human livelihood and properties have also been improved to a great extent.


(Md. Imdadul Haque)
Executive Engineer
Sunamganj WD Division-2
BWDB, Sunamganj.


(Md. Shafiqul Islam)
Superintendent Engineer
Sylhet WD Circle,
BWDB, Sylhet.
&
Project Director.

37. Remarks/Comments of Agency Head:

The project's key objective was to protect the Upazila Parishad Complex, adjoining valuable lands, markets, and roads of Dowarabazar Upazilla under Sunamganj district from erosion of the river bank. By implementing river bank protection work along the right bank of the Surma River, valuable properties, including schools, haat-bazaar, roads, bridges, houses, and land of both Govt. and Private sectors of the Upazilla have been restored, and by dredging /Char removal from the Surma River, the water transport facilities have been improved. Thus, this project can be regarded as successful in serving its intended purpose.

Date.....

Signature and seal of Agency Head

(A.K.M. Tahmidul Islam)

ID No. 660715001

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