

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT: IMED-04/2003 (Revised)

Name of the Project:

RIVER BANK PROTECTION WORK FROM EROSION OF
ARIAL KHAN RIVER AT HOSNABAD BAZAR, LAUNCH
GHAT AND ADJACENT AREA IN GOURONADI UPAZILLA
OF BARISHAL DISTRICT.

PROJECT PERIOD: January/2021 to June/2023

DVISION : BARISHAL O&M DIVISION, BWDB, BARISHAL.
CIRCLE : BARISHAL O&M CIRCLE, BWDB, BARISHAL.
ZONE : SOUTHERN ZONE, BWDB, BARISHAL.

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

PROJECT COMPLETION REPORT : IMED 04/2003 (Revised)

A. PROJECT DESCRIPTION :

01. Name of the Project : River Bank protection work from erosion of Arial Khan River at Hosnabad Bazar, Launch Ghat and Adjacent area in Gouronadi Upazilla of Barishal District.
02. Administrative Ministry/Division : Ministry of Water Resources (MoWR)
03. Executing Agency : Bangladesh Water Development Board (BWDB)
04. Location of the Project : Upazilla :- Gournadi, District :- Barishal.

05. Objective of the Project :
- To Protect the Project area from erosion of Arial Khan River.
 - To Protect Local homestead, Agricultural and Non-Agricultural land, Crops, Educational and Religious Institutions as well as Various public and private infrastructures etc from the erosion of Arial Khan River.
 - To provide safety for human lives, properties and improve economic along with Socio-Economic development of the project area.

06. Estimated Cost :

(In lakh Taka)

	Original	Latest Revised
(a) Total	4184.55	-
(b) Taka	4184.55	-
(c) Foreign Currency		
(d) Project Aid		
(e) RPA		

07. Date of Approval :

PCP	PP
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- (a) Original : 03/03/2021
- (b) No Cost Time Extension : 17/07/2022

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	January, 2021	June, 2022
(b) No Cost Time Extension	January, 2021	June, 2023
(c) Actual	January, 2021	June, 2023



09. Financing Arrangement (Source-wise) :

9.1 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 Effective -ness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8

.....N/A.....

b) GOB :

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
4184.55	-	4184.55	-

9.2 Utilization of Project Aid : (Source wise)

(In million)

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

.....N/A.....

9.3 Re-imbursible Project Aid (RPA):

(In lakh Taka)

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

.....N/A.....

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B. IMPLEMENTATION POSITION**01. Implementation Period :**

Implementation Period as per PP		Actual Implementation period	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
January,2021 to June,2022	January,2021 to June,2023	January,2021 to June,2023	66.67%	Due to Covid-19 outbreak & associated financial constraints.

02. Cost of the Project :**(In lakh Taka)**

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised			
1	2	3	4	5	6
TOTAL	4184.55	-	3938.97	(-) 5.87%	
TAKA	4184.55	-	3938.97	(-) 5.87%	
PA	-	-	-	-	

03. Project Personnel : Project work has been implemented by existing manpower of Barishal O&M Division, BWDB, Barishal.

Sanctioned strength as per PP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per pp	Existing manpower for O & M	Others		
1	2	3	4	5	Male	Female
Officer (s)	The project was executed by the existing manpower of the implementing agency Staff(s) (Barishal O&M Division, BWDB, Barishal).					
Staff(s)						
Total :						

04. Training of Project Personnel (Foreign/Local) :

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

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

(In lakh Taka)

Items of work (as per DPP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Revenue Component:						
Supplies and Services						
Domestic travel expenses	L.S.	3.00	100%	2.488	82.93%	
Petrol, oil and lubricants	L.S.	8.00	100%	6.777	84.71%	
Printing and binding	L.S.	1.00	100%	0.993	99.30%	
Advertisement	L.S.	1.00	100%	1.000	100.00%	
Stamps and seals	L.S.	1.00	100%	0.997	99.70%	
Labour wages to non-employees	L.S.	5.00	100%	2.987	59.74%	
Honorarium	L.S.	4.00	100%	2.678	66.95%	
Survey	L.S.	6.00	100%	5.738	95.63%	
Repairs Maintenance: Motor Vehicles	Item	3.00	100%	2.490	83.00%	
Sub Total (a) :		32.00	100%	26.15	81.72%	
Capital Component:						
b1. Acquisition of Assets						
Motor Cycle	No.	1.80	1	1.800	1	
Engineering Equipment	Set	5.00	1	4.998	1	
Computer (with printer)	Nos	3.00	2	2.990	2	
Office Equipments	Nos	1.50	1	1.490	1	
Sub Total (b1) :		11.30		11.28		
b2. Construction of works:						
River bank protection	m	4131.25	2270	3901.54	2270	
Sub Total (b2) :		4131.25		3901.54		
Sub Total (b1+b2) :		4142.55		3912.82		
Physical Contingency		5.00		-	-	
Price Contingency		5.00		-	-	
Total (a+b+c+d):		4184.55		3938.97		

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06. Information regarding Project Director (s):

Name & Designation with pay Scale.	Full time	Part time	Responsible for more than one project	Date of		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
Dipak Ranjan Das Executive Engineer Barishal O&M Division BWDB, Barishal. Grade-5 (43,000-69,850)	Full time	-	No	21.04.21	01.09.22	
Md. Raqib Hossain Executive Engineer (C.C.) Barishal O&M Division BWDB, Barishal. Grade-6 (35,500-67,010)	Part time	-	No	01.09.22	01.12.22	
Md. Raqib Hossain Executive Engineer (C.C.) Barishal O&M Division BWDB, Barishal. Grade-6 (35,500-67,010)	Part time	-	No	01.12.22	Present	

07. Procurement of Transport (in Nos.):

Type of transport	Number as per DPP	Procured with date	Transferred to Transport Pool with date	Transferred to O & M with date	Condemned/ damaged with date	Remarks
1	2	3	4	5	6	7
Motor Cycle	01	20/05/22	-	01/07/2023 Barishal O&M Division BWDB, Barishal.	-	Being used by Barishal O&M Division for future inspection & maintenance of the Project. (Motor Cycle Registration No:- Barisal Metro-La-12- 5075)

08. Procurement of Goods, Works and Consultancy Services:

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

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
River Bank Protection work from Erosion of The ArialKhan River From km. 0.000 to km. 0.270, & km. 0.900 to km. 1.200 Total = 570.00m at Hosnabad Bazar, Launch Ghat & Adjacent Area in Gournadi Upazilla Under Barishal O & M Division, BWDB, Barishal During the year 2021-2022. (Tender Id-598527, Package No:BSL/2020-21/HSNBD/WD-01)	Original 1400.83	Original 1268.24 Revised** 1622.01	19.08.21	Original 16.11.21 Revised 18.04.23	25.06.23	25.06.23
River Bank Protection work from Erosion of The ArialKhan River From km. 1.200 to km. 2.050 equal to 850.00m at Hosnabad Bazar, Launch Ghat & Adjacent Area in Gournadi Upazilla Under Barishal O & M Division, BWDB, Barishal During the year 2021-2022. (Tender Id-598528, Package No:BSL/2020-21/HSNBD/WD-02)	Original 1362.98	Original 1345.78 Revised** 985.41	19.08.21	Original 17.11.21 Revised 17.04.23	30.06.23	25.06.23
River Bank Protection work from Erosion of The ArialKhan River From km 2.050 to km. 2.900 equal to 850.00m at Hosnabad Bazar, Launch Ghat & Adjacent Area in Gournadi Upazilla Under Barishal O & M Division, BWDB, Barishal During the year 2021-2022. (Tender Id-598529, Package No:BSL/2020-21/HSNBD/WD-03)	Original 1367.44	Original 1319.87	19.08.21	Original 16.11.21	30.06.23	25.06.23

** The matter was Pro Rata Progress of Package No: BSL/ 2020-21/ HSNBD/ WD-02 was poor and the work was likely not to be completed by June, 2023 was brought to the attention of the higher authorities, PIC of the project meeting was thereby held on 14/03/2023. After discussion in the meeting, decision taken as "since the progress of adjacent Package No: BSL/ 2020-21/ HSNBD/ WD-01 was satisfactory, some portion of work was to be deducted from Package No: BSL/ 2020-21/ HSNBD/ WD-02 and would be implemented by the contractor of Package No: BSL/ 2020-21/ HSNBD/ WD-01 by variation for completion of the project". As per decision taken in PIC meeting (copy of PIC meeting attached) variation of both packages had been approved by the competent authorities and works had been completed in stipulated time.

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

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

09. Construction/Erection/Installation Tools & Equipment:

Description of items	Quantity (as per PP)	Quantity procured with date	Transferred to O & M with date	Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
2 Nos Level Machine & 2 Nos Digital Hand GPS	1 set (04 Nos)	14.04.23	Barishal O&M Division, BWDB, Barishal. 01/07/2023	-	-	Being used by Barishal O&M Division for future survey, inspection & maintenance of the Project.

C. FINANCIAL AND PHYSICAL PROGRAMME :

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

(In lakh Taka)

Financial Year	Financial provision & physical target as per original DPP				Financial provision & physical target as per latest revised DPP			
	Total	Taka	P.A.	Physical %	Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9
2020-21	1678.30	1678.30	-	40.11%	-	-	-	-
2021-22	2506.25	2506.25	-	59.89%	-	-	-	-
Total	4184.55	4184.55		100.00%				



01. (b) Revised ADP allocation and progress :

(In lakh Taka)

Financial Year	Revised Allocation & target				Taka release	Expenditure & physical progress			
	Total	Taka	P.A.	Physical %		Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9	10
2020-21	0.00	0.00	-	0.00%		0.00	0.00		0.00%
2021-22	1000.00	1000.00		23.88%		993.21	993.21		24.83%
2022-23	3000.00	3000.00		76.12%		2945.76	2945.76		75.17%
Total	4000.00	4000.00		100%		3938.97	3938.97		100%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

SL No	Objectives as per DPP	Actual achievement	Reasons for shortfall, if any
01	To Protect the Project area from erosion of Arial Khan River.	The project area has been protected from erosion of Arial Khan River by the implementation of the project.	No shortfall
02	To Protect Local homestead, Agricultural and Non-Agricultural land, Crops, Educational and Religious Institutions as well as Various public and private infrastructures etc from the erosion of Arial Khan River.	Local homestead, Agricultural and Non-Agricultural land, Crops, Educational and Religious Institutions as well as Various public and private infrastructures etc have been protected from the erosion of Arial Khan River.	
03	To provide safety for human lives, properties and improve economic along with Socio-Economic development of the project area.	Safety for human lives, properties has been ensured after implementation of the project. Economic activities have been promoted in project area which indicates Socio-Economic development of that area.	



E. BENEFIT ANALYSIS

01. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1st year of operation at full capacity (or during, real production for newly completed project).
Ensured safeguard from river bank erosion of following items :			
High School (Including Land)	Nos	2	2
Govt. Primary School (Including Land)	Nos	2	2
Launch/Steamer Ghat	Nos	2	2
Madrassha (Including Land)	Nos	1	1
Eidgah	Nos	2	2
Mosque	Nos	4	4
Hosnabad Market (Shops)	Nos	300	290
Bank	Nos	2	2
Two/Three storied building (Including Land)	Nos	15	15
Village House Pucca/Semi Pucca (Including Land)	Nos	300	296
Road	Km	3.5	3.5
Health Complex	Nos	1	1
Agricultural Land (Including Agriculttural Gardens)	Acre	190	190

02. Cost / Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial (ii) Economic	1.46:1.00	Will be evaluated later by concern directorate of BWDB & IMED.
(2) Internal Rate of Return (i) Financial (ii) Economic	19.17%	

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

F. MONITORING AND AUDITING

0.1 Monitoring:

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
(a) Ministry/Agency			
Md. Nurul Islam Sarkar Chief Engineer, Southern Zone, BWDB, Barishal.	Several times	No major problems identified	Instructed to follow approved designs for construction work & to complete within the stiputed time with ensuring quality of the work.
Majibur Rahman Chief Engineer Southern Zone, BWDB. Barishal.	Several times	No major problems identified	Instructed to follow approved designs for construction work & to complete within the stiputed time.
Md. Sabibur Rahman Superintending Engineer Barishal O&M Circle, BWDB, Barishal.	Several times	No major problems identified	Instructed to follow approved designs for construction work and gear up progress with ensuring quality of the work.
Mohammad Nasir Uddin Superintending Engineer Barishal O&M Circle , BWDB, Barishal.	Several times	No major problems identified	Instructed to follow approved designs for construction work
Md. Aminul Islam Superintending Engineer, Design Circle-2, BWDB, Dhaka.	Several times	No major problems identified	Approved design and specification must be followed
(b) IMED :			
Md. Saiful Islam Director General, IMED	10/06/2022	No major problems identified	Suggested to complete the project following the approved design with proper monitoring timely.

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0.2. Auditing during and after Implementation:

2.1. Internal Audit:

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

2.2. External Audit:

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
2021-22	29.09.2022	Contractors did not perform insurance on various risk. That's why govt losses money as VAT.	Reply has been submitted through competent authority and resolution of the objection is on process.
	02.10.2022	Supplying, filling and dumping bill of CC Block was given to the contractor without test report and taskforce report.	
2022-23	Yet to be conducted.		

G. DESCRIPTIVE REPORT

General Observations/Remarks of the Project on:

1.1 Background

Hosnabad Bazar, Launch ghat and adjacent area under Gournadi Upazila of Barisal District is a very populated and important area located on the banks of Arial Khan River. The area is located 40.00 km North East from Barisal Sadar which was severely affected by erosion of the Arial Khan river. The main stream of Arial Khan river enters Hosanabad area from the north and flows eastward near Hosanabad Bazar. Another stream flows towards the west which is known as Arial Khan river in that area. Heavy currents and waves during the monsoons continued to cause extensive damage to the completed project site over the past few years. Every year, due to the continued erosion, shops, houses, business establishments, banks, madrasas, primary schools, secondary schools, mosques, orchards and government-owned properties including crops and government-owned properties were washed away.

In this context, the concerned local dignitaries strongly demanded the Water Development Board to take necessary measures to prevent the breakdown. Also, on 07/09/2019, Honorable Member (Secretary), Agriculture, Water Resources and Rural Institutions Division, Planning Commission Mr. Md. Zakir Hossain Akand and BWDB field level & high officials visited the damaged area. The Honorable Member



of the Planning Commission who was present directed the Superintending Engineer, Barishal O&M Circle, BWDB, Barishal to take effective initiatives to implement permanent river bank protection works in the light of reality. In that light, for the purpose of preparing a technical report for verifying the technical feasibility of the project entitled "River Bank protection work from erosion of Arial Khan River at Hosnabad Bazar, Launch Ghat and Adjacent area in Gouronadi Upazilla of Barishal District" a technical committee consisting of 09 (nine) members was constituted. The committee submitted its report in December 2019. With referring to the recommendation of technical committee, DPP was formed with the aim of implementing permanent river bank protection work of 2270.00 meters of river bank protection to protect Hosnabad Bazar, Launch Ghat and adjacent areas of Gournadi Upazila of Barisal District. The DPP was later approved by the Honorable Minister, Ministry of Planning.

1.2 Justification/Adequacy:

Arial Khan River is a meandering channel. Because of the concave bend, the thalweg line on the banks of the Arial Khan river has flowed along the cul-de-sac of the river and due to the eddying of the water, the back flow has caused the river to break. Besides, during the rainy season, due to the waves caused by the movement of numerous watercrafts, engine-powered boats, launches, etc., the erosion of the river banks is accelerated in the mentioned places. Two traditional schools and many houses along with Hosanabad Bazar belonging to Gournadi Upazila of Barisal district were lost in Ariyal Khan River. Over the past few years, river erosion has intensified and the river has intruded several meters inland. As the river erosion continues, the set back distance from Hosnabad Secondary School, Hosnabad Community Hospital, Launch Ghat, Mosque, Eidgah, Hosnabad Bazar business establishment, Steamer Ghat, arable land and residential property and other public and private owned properties is gradually decreasing and many valuable structures were feared to be lost in the coral grass of the Arial Khan river soon. To protect these structures at Hosnabad Bazar, Launch Ghat and adjacent areas, this project was taken and implented.

1.3. Objectives:

The main objectives of this project are-

- To Protect the Project area from erosion of Arial Khan River.
- To Protect Local homestead, Agricultural and Non-Agricultural land, Crops, Educational and Religious Institutions as well as Various public and private infrastructures etc from the erosion of Arial Khan River.
- To provide safety for human lives, properties and improve economic along with Socio-Economic development of the project area.

1.4. Project revision with reasons:

The project does not require to be revised.

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

It comes out from the study that revetment type of protection measure with provision for post construction monitoring may be taken up. An adaptive approach of bank protection could be followed in this regard. It involves the identification of priority bank protection and its implementation. The need for the subsequent work would be determined based on the river responses to the already



constructed work. The study covers prediction of consequences of such partial measures that could be further fine-tuned by inclusion of updated filed data.

Detailed Cost-Estimate for physical interventions of the project for implementation of 2.270 km bank protection work as recommended by the Technical Committee Report and included under this approved Development Project Proposal (DPP) has been prepared on the basis of approved design and later on reviewed during implementation of physical work on the basis of latest river morphology and current Schedule of Rates of Barishal O&M Circle, BWDB, Barishal.

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

◆ Project Identification:

- ◆ The project was initially identified by local politicians, local dignitaries, public representatives, local administration etc. The concerned local dignitaries strongly demanded the Water Development Board to take necessary measures to prevent the breach. Also, on 07/09/2019, Honorable Member (Secretary), Agriculture, Water Resources and Rural Institutions Division, Planning Commission Mr. Md. Zakir Hossain Akand and BWDB field level officials visited the damaged area. Due to severe river erosion, the Honorable Member of the Planning Commission directed the Water Development Board to take effective initiatives to implement permanent river bank protection works in light of the reality. Accordingly, the project was prepared in prescribed format of project proposal which was duly accepted by the Ministry of Water Resources and sent to planning commission for approval.

◆ Project Preparation:

According to the instruction of Honorable Minister, Ministry of Water Resources & the Secretary, Ministry of Water Resources & the Director General, BWDB, a Technical Committee was formed vide memo no: BWDB(Sachi)/Part-1/Miscellaneous-3/2019(1st Volume)/193 Date 23-09-2019 to submit a Technical Report in respect of social, economical & environmental impact, safety of properties & infrastructure and also sustainability in the project area. Technical committee submitted a report and based on that report the project was prepared.

◆ Appraisal:

The PEC meeting was held on 13.12.2020 at Planning Commission. The DPP was recast as per decision taken in that meeting. Later DPP was later approved by the Honorable Minister, Ministry of Planning and administrative order circulated on March 03, 2021.

◆ Credit Negotiation: Not Applicable.

◆ Credit Agreement: Not Applicable.

◆ Credit Effectiveness: Not Applicable.



- ◆ **Loan Disbursement:** Not Applicable.
- ◆ **Loan Conditionality:** Not Applicable.
- ◆ **Project Approval:**

The Project was approved by the Hon'ble Planning Minister 14 February 2021.

Others (if any):

Ministry of Water Resources vide letter dated 17/08/2022 received administrative approval to extend the duration of the project by 01 year (up to June, 2023).

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

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

Yes.

4.2 Programme for use of created-facilities of the project

The stock holders are directly taking advantages of the created facilities of the project.

4.3 O & M programme of the project.

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

4.4 Impact of the project -

4.4.1 Direct.

- The project area has been protected from erosion of Arial Khan River by the implementation of the project.
- Local homestead, Agricultural and Non-Agricultural land, Crops, Educational and Religious Institutions as well as various public and private infrastructures etc have been protected from the erosion of Arial Khan River.

4.4.2. Indirect

- a. Safety of human livelihood and properties.
- b. Improvement of socio-economic condition in the project area.

4.5 Transfer of Technology and Institutional Building through the project

Not Applicable.

4.6 Employment generation through the project.

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

4.7 Possibility of Self employment



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

4.8 Possibility of women-employment opportunity

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

4.9 Women's participation in development

Yes.

4.10 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.

4.11 Impact on environment

Environmental enhancement is achieved through the implementation of the project.

4.12 Sustainability of the project

The project is sustained but requires periodic maintenance.

4.13 Contribution to poverty alleviation/reduction

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

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

Positive remarks regarding the project.

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

Not Applicable

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

- | | |
|-------------------------------|---|
| 5.1 Project Management | : N/A. |
| 5.2 Project Director | : N/A. |
| 5.3 Land Acquisition | : N/A. |
| 5.4 Procurement | : N/A. |
| 5.5 Consultancy | : N/A. |
| 5.6 Contractor | : N/A. |
| 5.7 Manpower | : N/A. |
| 5.8 Law & Order | : N/A. |
| 5.9 Natural calamity | : Cyclone like Yaash, Sitrang and Mocha had created some problem at working site. |

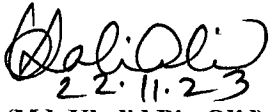


5.10 Project financing, allocation and release	: N/A.
5.11 Design formulation/approval	: N/A
5.12 Project aid disbursement and re-imbursement	: N/A.
5.13 Mission of the development partners.	: N/A.
5.14 Time & Cost Over-run	: 66.67% time over-run. Implementation period was extended due to insufficient budget allocation and effect of Covid-19 pandemic.
5.15 Project Supervision/Inspection	: N/A.
5.16 Delay in Decision	: N/A.
5.17 Transport	: N/A.
5.18 Training	: N/A.
5.19 Approval	: N/A.
5.20 Others	: N/A.

6. Remarks & Recommendations of the Project Director: Hosnabad Bazar, Launch ghat and adjacent area under Gournadi Upazila of Barisal District, a very populated and important area, is located 40.00 km North East from Barisal Sadar on the banks of Arial Khan River. The project area was severely affected by erosion of the Arial Khan River. Due to the continued erosion, shops, houses, business establishments, banks, madrasas, primary schools, secondary schools, mosques, orchards and government-owned properties including crops and government-owned properties were washed away in recent past years. In that context, Bangladesh Water Development Board (BWDB) took this project. The project had been implemented in compliance with approved design & specifications. Close monitoring during the execution of the work has been ensured by staying concern Sub-Assistant Engineer in the project area. Quality control has been ensured by BWDB's concern field officer (Sub-Divisional Engineer, Executive Engineer/ Project Director, Superintending Engineer & Chief Engineer) and Taskforce member to ensure highest quality. Along with BWDB field officer high official from BWDB headquarter, Ministry of Water Resources, Planning Commission & IMED visited the project area. Moreover Local Allies visited the project time to time. Important opinion from high officials were implemented to complete the project successfully.

It is also to be mentioned that in future the completed bank protection works will need maintenance. Sufficient O&M budget should be allocated for the proper maintenance of the project. In addition, additional length of bank protection work may need to be implemented in future considering erosion vulnerability of the river bank of aforesaid river.

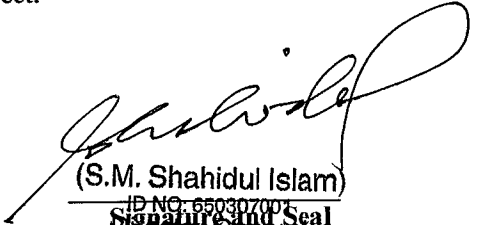
Date:


 22.11.23
(Md. Khalid Bin Olid)
 Executive Engineer
 Barishal O&M Division
 BWDB, Barishal.
 &
 Project Director

7. Remarks/Comments of Agency Head:

The main objective of this project was to protect Hosnabad Bazar, Launch ghat and adjacent area under Gournadi Upazila of Barisal District from river bank erosion of Arial Khan River. This objective is achieved by implementation of 2.270 km. river bank protection work. As a result, river bank erosion stopped which resulted in increased safety to the people living in the project area. Also, Livelihood has been improved. Thus, this project can be considered as a successful project.

Date: 03/12/2023


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

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

The main objective of this project was to protect Hosnabad Bazar, Launch ghat and adjacent area under Gournadi Upazila of Barisal District from river bank erosion of Arial Khan River. This objective is achieved by implementation of 2.270 km. river bank protection work. As a result, river bank erosion stopped which resulted in increased safety to the people living in the project area. Also, Livelihood has been improved. Thus, this project can be considered as a successful project.

Date:

Signature and Seal

