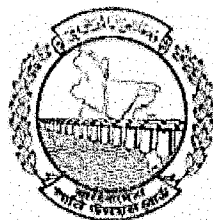


BANGLADESH WATER DEVELOPMENT BOARD



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

Name of the Project: BANK PROTECTION WORK FROM THE CONTINUOUS EROSION OF ATRAI RIVER AT DIFFERENT PLACES OF KHANSAMA UPAZILA IN DINAJPUR DISTRICT (1st Revised).

PROJECT PERIOD: OCTOBER 2018 TO JUNE 2021.

DIVISION : DINAJPUR O&M DIVISION, BWDB, DINAJPUR.
CIRCLE : THAKURGAON O&M CIRCLE, BWDB, THAKURGAON.
ZONE : NORTHERN ZONE, BWDB, RANGPUR.

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

PROJECT COMPLETION REPORT: IMED 04/2003 (REVISED)

A. PROJECT DESCRIPTION:

- 01. Name of Project** : Bank Protection Work from the Continuous Erosion of Atrai River at Different Places of Khansama Upazila in Dinajpur District (1st Revised).
- 02. Administrative Ministry/ Division** : Ministry of Water Resources (MoWR).
- 03. Executing Agency** : Bangladesh Water Development Board (BWDB).
- 04. Location of the Project** : Upazila – Khansama, District- Dinajpur.
- 05. Object of the Project** :
- To Protect the project area by implementing a total 5.10 km river bank protection work at (1) Munshipara (1000 m), (2) Foridabad (450 m), (3) Bashuli (1000 m), (4) Bishnupur (250 m), (5) Joar (200 m), (6) Agra Guchagram (500 m) & (7) Paschim Gobindapur (1700 m) from Atrai River erosion at Khansama Upazila in Dinajpur District.
 - To Protect the houses of the people living in the project area, various government and non-government infrastructures, agricultural and non-agricultural lands, forest gardens, crops, mosques, temples, crematory ghats etc. including the public properties of TK. 22735.00 Lakh.
 - To protect the 10 km paved road connecting Birganj-Khansama Upazila from river erosion and to maintain communication with all the surrounding areas.
 - To protect the Fire Service station of Khansama Upazila.
 - To protect the cultivable land from river erosion and increase the production of crops.
 - Eliminate the adverse effects on the security and national economy of the development area including the socio-economic conditions.

06. Estimated Cost:

(In Lakh Taka)

	Original	Latest Revised (1st)
a) Total	4864.73	5568.84
b) Taka	4864.73	5568.84
c) Foreign Currency	-	-
d) Project Aid	-	-
e) RPA	-	-

07. Date of Approval :

PCP	PP
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- a) Original : 08-10-2018
- b) Latest Revised (1st) : 25-02-2020

08. Implementation period :

	Date of Commencement	Date of Completion
a) Original	October, 2018	June, 2021
b) Latest Revised (1st)	October, 2018	June, 2021
c) Actual	October, 2018	June, 2021

09. Financial Agreement (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 Effectiveness	Date of Closing	
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
5568.84	-	5568.84	-

9.2 Utilization of Project Aid: (Source wise)

(In Million)

	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 Reimbursable Project Aid (RPA)

(In Lakh Taka)

RPA Amount		Amount Spent	Amount claimed	Amount Reimbursed	Remarks.
As Per DPP	As per Agreement				
1	2	3	4	5	6

..... N/A

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

Implementation Period as per DPP		Actual Implementation Period	Time Over Run (% of Original Implementation Period)	Remarks
Original	Latest Revised			
1	2	3	4	5
October/2018 to June/2021	October/2018 to June/2021	October/2018 to June/2021	Nil	The project was completed in time.

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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	4864.73	5568.84	5276.39	8.46%	Due to inclusion of additional bank protective works in RDPP.
Taka	4864.73	5568.84	5276.39	8.46%	
PA	-	-	-	-	

03. Project Personnel: Project work has been completed by the existing manpower of Dinajpur O&M Division, BWDB, Dinajpur.

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	Male	Female
1	2	3	4	5	6	7
Officer(s)						
Staff(s)						
Total						

..... Nil

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

Field of Training /Study tour/work shop/ 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 Nil

b) Local 2 seminar were held under this project including an inauguration programme. Number of participants & associated man-months was not specified in DPP/RDPP.

05. Component wise Progress (As per Latest approved DPP):

(In Lakh Taka)

Srl No.	Items of work (As per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
			Financial	Physical (Quantity)	Financial	Physical (Quantity)	
	1	2	3	4	5	6	7
Revenue:							
1	Internal Travels	LS	5.00	1 item	4.98	1 item	
2	Patrol & Lubricant	LS	4.00	1 item	4.00	1 item	
3	Stationary, Seal & Stamp	LS	2.00	1 item	2.00	1 item	
4	Printing & Binding	LS	1.00	1 item	1.00	1 item	
5	Seminar/Conference	Nos	4.00	2	3.99	2	
6	Honorarium for PSC, PIC etc	LS	5.00	1 item	5.00	1 item	
7	Mid Term Evaluation	LS	5.00	1 item	5.00	1 item	
8	Survey	LS	5.00	1 item	4.99	1 item	
Repair & Maintenance:							
9	Motor of Vehicles (Jeep 2 Nos, Motor Cycle 9 Nos = 11 Nos)	Nos	3.00	11	2.99	11	

Srl No.	Items of work (As per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
			Financial	Physical (Quantity)	Financial	Physical (Quantity)	
	1	2	3	4	5	6	7
Capital:							
10	Computer & Others (Printer with Scanner Computer -2 Set & CC Camera 1 Set = 3 Nos)	Nos	3.00	3	3.00	3	
11	Engineering Materials (1 Set Total Station & 1 Set Level Machine = 2 Set)	Set	10.00	2	10.00	2	
12	Tree Plantation (Plants 3600 Nos)	1 item	7.00	1 item	6.97	1 item	
13	Bank Revetment work 5.10 km	km	5454.33	5.100	5222.47	5.100	
14	Dredging/Removal of Shoal(0.37 Lac Cum)	m	50.51	100.00	-	-	As per decision of PSC's 4 th meeting, this package was excluded to avoid duplication as specified in Annexure-1
	Physical Contingency		5.00		-		
	Price Contingency		5.00		-		
	Total :		5568.84	100.00%	5276.39	100.00%	

06. Information Regarding Project Director(s):

Name & Designation with pay scale.	Full time	Part time	Responsible for more than one Project	Date of		Remarks.
				Joining	Transfer	
1	2	3	4	5	6	7
Md. Faizur Rahman Executive Engineer 5 th grade scale: (43000-69850)	Full		No	25/11/2018	27/08/2020	
Md. Rakibul Hasan Executive Engineer 5 th grade scale: (43000-69850)	Full		No	28/01/2021	Till date	

07. Procurement of Transport (in nos.): No provision of transport procurement in this project.

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
-	-	-	-	-	-	-

08. Procurement of Goods, Works and Consultancy Service.

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

Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
Bank Revetment Work on the Left Bank of Atrai Rivar from Km 4.200 to Km 5.200 (=1000 m) at Munshipara in Upazilla: Khansama, Dist: Dinajpur (Tender ID : 263763).	Original 9.73 1 st revised 9.61	9.60	20-12-2018	19-03-19	19-05-20	19-05-20
Bank Revetment Work on the Left Bank of Atrai Rivar from Km 11.750 to Km 12.650 & Km 12.670 to Km 12.770 (=1000 m) at Bashuli in Upazilla: Khansama, Dist: Dinajpur (Tender ID : 263774).	Original 9.57 1 st revised 10.04	10.03	20-12-2018	18-03-19	18-05-20	18-05-20
Bank Revetment Work on the Right Bank of Atrai Rivar from Km 14.800 to Km 15.900 (=1100 m) at Pashchim Gobindapur in Upazilla Khansama Dist Dinajpur (Tender ID : 263778).	Original 11.52 1 st revised 11.37	11.36	20-12-2018	19-03-19	11-05-20	11-05-20
Bank Revetment work on the Left Bank of Atrai River from km 14.600 to km 14.850 Total 250m at Bishnupur in connection with the Project Bank Protection work from the Erosion of Atrai River at different places in Upazila Khansama District Dinajpur during the year 2019-2020. (Tender ID : 426513).	Original – 1 st revised 3.21	2.89	17-12-2020	21-06-20	25-06-21	25-06-21
Bank Revetment work on the Right Bank of Atrai River from km 15.900 to km 16.500 Total 600m at Pashchim Gobindapur in connection with the Project Bank Protection work from the Erosion of Atrai River at different places in Upazila Khansama District Dinajpur during the year 2019-2020. (Tender ID : 426516).	Original – 1 st revised 7.42	6.67	17-12-2020	16-06-20	15-05-21	15-05-21
Bank Revetment work on the Left Bank of Atrai River from km 27.700 to km 28.200 Total 500m at Agra Guchchagram in connection with the Project Bank Protection work from the Erosion of Atrai River at different places in Upazila Khansama District Dinajpur during the year 2019-2020. (Tender ID : 426494).	Original – 1 st revised 5.70	5.13	17-12-2020	18-06-20	25-06-21	25-06-21

Description of procurement (goods/work/consultancy) as per Bid document	Tender/Bid/ Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works /services and supply of goods.	
	As per DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7
Bank Revetment work on the Left Bank of Atrai River from km 11.300 to km 11.750 Total 450m at Faridabad in connection with the Project Bank Protection work from the Erosion of Atrai River at different places in Upazila Khansama District Dinajpur during the year 2019-2020. (Tender ID : 426506).	Original - 1 st revised 5.48	4.93	17-12-2020	18-06-20	25-06-21	25-06-21

08.2. 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 utilized	Remarks
	As per PP	As per contract.		
1	2	3	4	5

a) Foreign Nil

b) Local Nil

09. Construction / Erection / Installation Tools & Equipment:

Description of items	Quantity (As per DPP)	Quantity procured with date	Transferred to O&M with date	Deposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7

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

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	PA	Physical %	Total	Taka	PA.	Physical %
1	2	3	4	5	6	7	8	9
2018-19	3674.50	3674.50	-	75.53%	799.97	799.97	-	14.37%
2019-20	1122.48	1122.48	-	23.08%	2512.04	2512.04	-	45.10%
2020-21	67.75	67.75	-	1.39%	2256.83	2256.83	-	40.53%
Total	4864.73	4864.73	-	100.00%	5568.84	5568.84	-	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
2018-19	800.00	800.00	-	14.37%	800.00	799.97	799.97	-	13.00%
2019-20	2500.00	2500.00	-	47.63%	1875.00	1873.00	1873.00	-	49.00%
2020-21	2657.00	2657.00	-	38.00%	2606.27	2603.42	2603.42	-	38.00%
Total	5957.00	5957.00	-	100.00%	5281.27	5276.39	5276.39	-	100.00%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objective as per DPP	Actual achievement	Reasons for shortfall, if any.
(a) To protect the bank from the erosion of Atrai river at (1) Munshipara (1000 m), (2) Faridabad (450 m), (3) Bashuli (1000 m), (4) Bishnapur (250 m), (5) Joar (200 m), (6) Agra Gucchagram (500 m), and (7) Pacchim Gobindapur (1700 m) area total 5100.00 m at Khansama upazila in District Dinajpur.	The Bank Protection work at (1) Munshipara (1000 m), (2) Faridabad (450 m), (3) Bashuli (1000 m), (4) Bishnapur (250 m), (5) Joar (200 m), (6) Agra Gucchagram (500 m), and (7) Pacchim Gobindapur (1700 m) area total 5100.00 m at Khansama upazila in District Dinajpur has been implemented & river erosion has stopped in that area.	No shortfall
(b) To protect the house of living people in project area, Govt-Non Govt Infrastructures, Agricultural-Non Agricultural land, Mosque-Temple and the cremation ground including the property of Taka 22735.00 Lac.	Homestead, Govt-Non Govt Establishments, Agricultural-Non Agricultural lands, religious places worth property value of Taka 22735.00 Lac has been protected from river erosion.	
(c) To protect the 10 km paved road connecting Birganj-Khansama Upazila from river erosion and to maintain communication with all the surrounding areas.	The 10 km paved road connecting Birganj-Khansama Upazila has been protected from river erosion.	
(d) To protect the Fire Service station of Khansama Upazila.	The Fire Service station of Khansama Upazila has been protected from river erosion.	
(e) To protect the cultivable land from river erosion and increase the production of crops.	The cultivable lands have been protected from river erosion.	

E. BENEFIT ANALYSIS:

01. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-puts during the 1 st year of operation at full capacity (or during real production for newly completed project)
1	2	3	4
Ensured safeguard to river bank erosion of following items:			
Agriculture Land	ha	315	315
Homestead	Nos	265	265
Forest	ha	1.5	1.5
Paved Road (RHD)	km	1.5	1.5
Paved Road (LGED)	km	3	3
Village Road	km	7	7
Petrol Pump	Nos	1	1
Freedom Fighter Graveyard	Nos	1	1
Eidgah	Nos	2	2
Mosque	Nos	4	4
Temple	Nos	1	1
Graveyard	Nos	2	2
Cremation	Nos	1	1
Madrassa	Nos	2	2
Primary School	Nos	3	3
Secondary School	Nos	1	1
Godown	Nos	3	3
Bazar/Market	Nos	2	2
Shops	Nos	75	75

02. Cost / Benefit:

Item	Estimated	Actual
(1) Benefit cost of the project		It will be evaluated later by concern directorate of BWDB & IMED.
(i) Financial	1.47:1.00	
(ii) Economic	1.75:1.00	
(2) Internal rate of return		
(i) Financial	20.22%	
(ii) Economic	24.60%	

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

F. MONITORING AND AUDITING.

01. Monitoring:

Name & Designation of the inspecting official	Date of inspection	Identified Problems	Recommendations
1	2	3	4
(a) Ministry / Agency :			
Mahmudul Islam Additional Secretary (Development), MoWR.	12-06-2020 30-08-2020	Not found	The progress of this project should be accelerated ensuring proper quality.
Alam Ara Begum Additional Secretary (Admin), MoWR.	28-02-2021 06-06-2021	Not found	i) The project is to be completed within time. ii) The progress of project must be ensured with specific work plan.
Mantu Kumar Biswas Joint Chief, MoWR.	09-11-2019 21-12-2019	Not found	The progress is to be ensured to complete the project with in time.
Md. Habibur Rahman ADG (West Region), BWDB	Once	Not found	The quality and quantity of project must be ensured.
Md. Motaher Hossain ADG (Planning) and Ex-Chief Engineer, Design, BWDB.	28-01-2021	Not found	The works must be completed as per design and specification.
Jyoti Prosad Ghosh Chief Engineer, Rangpur Zone, BWDB.	17-04-2021 16-05-2021	Not found	The quality and progress must be ensured.
Abu Usuf Mohammad Rasel Senior Assistant Chief, MoWR.	08-02-2019 16-03-2019	Not found	The quality and progress of project must be ensured.
Md. Mahbubar Rahman Superintending Engineer, Thakurgaon O&M Circle, BWDB.	03-04-2020 11-05-2020 07-06-2020	Not found	To ensure the quality of works the materials (aggregates, cement etc) must be tested tested in laboratory.
Md. Mukhlesur Rahman Superintending Engineer, Thakurgaon O&M Circle, BWDB.	10-03-2021 26-04-2021 16-05-2021	Not found	The quality and progress is to be ensured by regular monitoring by concerned field personnel.
(b) IMED :			
Dr. Md. Mahmudul Hasan DD, IMED.	4-12-2019 24-11-2020	Not found	1. Necessary action to be taken for the approval of proposed revised DPP. 2. The project is to be completed within time ensuring the quality.
(c) Others (Please specify):			
Deputy Commissioner, Dinajpur.	12-10-2018	Not found	The quality of works must be ensured.

The mid-term evaluation committee visited the project on 20 December, 2019.

02. Auditing during and after Implementation:

2.1. Internal Audit: Not Conducted.

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

f

2.2. External Audit:

Audit Period	Date of submission of Audit Report.	Major findings/objections	Whether objection resolved or not.
1	2	3	4
2018-19	01-03-2019	Title: Government's loss of VAT due to not insuring by the contractor for the contracted work is Tk. 8,70,30,372/- (Eight Crore Seventy Lac Thirty Thousand Three Hundred Seventy Two). Details: Executive Engineer, Dinajpur O&M Division, Bhola-1, Khulna-1, Chandpur, Cox's Bazar, Habiganj, Dalia Nilphamari, Gaibandha, Jamalpur, Kurigram, Lalmonirhat, Nilphamari, Rangpur, Syedpur, Thakurgaon, Faridpur, Rajshahi Satkhira-1, Satkhira-2, Jhenaidah, Bera Pabna, Natore, Joypurhat and Bogra offices audit during the financial year 2018-2019, it was seen that the government revenue of Tk. 8,70,30,372/- (Eight Crore Seventy Lac Thirty Thousand Three Hundred Seventy Two) was lost. The tender documents, contracts and related records of the contract work are reviewed. According to GCC and PCC Clause-37 of the tender document, the contractor is required to insure on various risks. However, in the case in question, the condition was not complied with by the contractor. Moreover, no action has been taken by the local supervisory authority to ensure that the insurance conditions are not complied with by the contractor. Therefore, despite being in GCC and PCC, the government has incurred revenue loss of VAT due to not insuring. The cause of the irregularity: Violation of GCC and PCC clause-37 of the agreement.	Answer is submitted through Competent Authority and resolve of the objection is under process.
2019-20	Yet to be conducted	-	-
2020-21	Yet to be conducted	-	-

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background

The project area is located at the North-East part of Dinajpur District under Khansama Upazila across the left & right bank of Atrai River and Khansama upazila is a densely populated area. The main source of Atrai river is Karatoya river. The river Atrai was in the past a major tributary of the river Trisrota or Teesta. In Rennell's 1776 map, the first flow of the Teesta is to the east, the second to the southeast, the third to the south, and the third and main to the south of the present Atrai. The river Karatoya flows from Debiganj in Panchagarh district as Atrai river. After the flood of 1787, the main course of the river Trisrota changed its course to the Ghaghat river and fell directly into the Brahmaputra river called Teesta. At present the Atrai River is flowing south, taking its main course as a tributary of the Karatoya River.

As the average land level of Panchagarh district in the north of Dinajpur district is about 25 meters above Dinajpur, the upstream water of Atrai river comes down to Dinajpur district very fast with many sediments during the monsoon season. The river behaves like the Flashy River in Panchagarh district but in the Dinajpur part it continues to a continuous flow. The width and depth of Atrai river in Dinajpur part is 450 meters and 4 meters respectively. The average gradient of the river from north to south in Dinajpur part is 40 cm / km. Numerous chars wake up in the river during the customs season and a weak currents continue to swirl. However, when it gets young in the rainy season, the river runs aggressively on its banks. Due to the presence of chars in the river, the current exerts all its power along the river and pushes various government and non-government infrastructures including paved roads, educational and religious institutions, agricultural and non-agricultural lands, crops, public houses etc. into the river. If such erosion continues in different parts of Khansama upazila of Dinajpur district, valuable agricultural lands, markets, schools, madrasas, mosques, paved roads and riverine areas will be lost in the river, adding to human suffering. Issued a DO letter along with the Hon'ble Minister of Water Resources for dredging some parts of the river along with river protection work. The Hon'ble Minister gave verbal instructions to the Director General, BWDB to take urgent action in this regard. Later, the Director General, BWDB directed to prepare a DPP for the area.

In this situation, on the demand of people from all sections of Khansama Upazila in Dinajpur District The project has been prepared so that the Atrai river in Khansama Upazila will regain its navigability and prevent the continuous river erosion.

1.2 Justification/Adequacy:

Bangladesh is a riverine country and bank line erosion of different rivers has been a recurrent effect. 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 bank lines.

The large seasonal variation in river flow results in varying sediment transportation capacity and causes river-bank erosion, migration of river-banks and meandering river channels. In this context, there have been a growing concern and reassessment of the economic and socio-political benefits of protecting important towns, infrastructure, huts and bazars as well as agricultural land. The issue has been given due importance in the national planned documents for water sector and prioritized strategic locations of river banks have been stressed for phased implementation of river bank protection program at the apex level.

The overall objective of the project is to reduce environmental degradations and human hazards due to river erosion with ensuring safety of lives and properties around the area. Throughout the erection of proposed bank revetment works and retired embankment, safety of vast tract of agricultural lands and other immovable properties total worth of Tk. 22735.00 lakh will be ensured against river erosion.

1.3. Objectives:

- To Protect the project area by implementing a total 5.10 km river bank protection work at (1) Munshipara (1000 m), (2) Foridabad (450 m), (3) Bashuli (1000 m), (4) Bishnupur (250 m), (5) Joar (200 m), (6) Agra Gucchagram (500 m) & (7) Paschim Gobindapur (1700 m) from Atrai River erosion at Khansama Upazila in Dinajpur District.
- To Protect the houses of the people living in the project area, various government and non-government infrastructures, agricultural and non-agricultural lands, forest gardens, crops, mosques, temples, crematory ghats, etc. including the public properties of TK. 22735.00 Lakh.
- To protect the 10 km paved road connecting Birganj-Khansama Upazila from river erosion and to maintain communication with all the surrounding areas.
- To protect the Fire Service station of Khansama Upazila.
- To protect the cultivable land from river erosion and increase the production of crops.
- To Eliminate the adverse effects on the security and national economy of the development area including the socio-economic conditions.

1.4. Project revision with reasons:

The revetment work in 05 packages and the dredging work in 01 package out of 06 packages of physical work was included in DPP of the project. In the meantime, contractors have been appointed by inviting tenders for 04 out of 05 packages of revetment work. Work on 4 packages is in progress. As per the approved schedule of rate 2018-2019, it was not possible to invite tenders for 1 package of revetment work due to the increase in the cost of revetment work.

The 5.00 Km dredging work of Atrai river was included in this project. In the meantime, under the project "Re-excavation of small rivers, canals and reservoirs within 64 districts (Phase I)", Panchagarh

O&M Division, BWDB, Panchagarh has invited tenders for dredging work in the project area of this project and the dredging work of remaining length of Atrai River has been already started by the Bangladesh Inland Water Transport Authority (BIWTA) by hiring contractors. At the 1st meeting of the steering committee of the project, it was decided to exclude the dredging work of the project from the project and to take steps to amend the DPP by including additional bank protection work in the DPP considering the actual needs of the sector. According to that, 1300 meters of revetment work was included in the DPP considering the local needs. As per the decision of the 2nd meeting of the project steering committee (PSC), a 07 (seven) member technical committee was formed to vetting the issue of inclusion of 1300 m revetment work in 3 packages. According to the recommendation of the committee, total 1300 meters of revetment work including 450 meters in Faridabad, 250 meters in Bishnupur and 600 meters in West Gobindpur of Alokjhari Union of Khansama Upazila and 100 meters of dredging/excavation work to ensure water availability in BWDB's '60 Light Irrigation Project Electric Block No.- 6 ' has been included in the DPP.

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

Bangladesh is a densely populated with poor natural resources base, lack of industrialization and vulnerability to natural disasters; like flooding, river bank erosion, saline inundation and cyclones etc. made Bangladesh as one of the undeveloped countries in the world. The major problem responsible for poverty includes high level of landlessness due to river bank erosion (i.e. population displacement and potential erosion damages and losses to productive agricultural and urban land and severe damage to property and infrastructure), recurrent floods, unemployment, illiteracy and malnutrition. The population of the Project area is very dense and landless population is about 20-30%. Socio-economic development of the people through agriculture and business generation development providing flood control support and protection of potential lands, infrastructures of towns and rural areas from erosion damages is the main objective to alleviate poverty of the area. The project is placed in environmental screening category B since it's bank protective works do not create irreversible and diverse adverse physical and social impacts. Identifiable adverse impacts were confined to the implementation period. As such, the intervention by providing river bank protective work has very little impacts or no negative impacts in and around the area. The project would prevent the erosion and loss of about 315 ha of Agriculture land and about 1.50 ha of forest land. It would also prevent severe flood damage to crops, property and infrastructure as a result of breaching caused by river bank erosion of the project site.

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

◆ Project Identification:

The project area is located at the North-East part of Dinajpur District across the left & right bank of Atrai River to protect different palces at Upazilla Khansama in District Dinajpur. Main component of this project is to construct 5.10 km bank revetment work.

◆ Project Preparation:

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To protect Munshipara, Foridabad, Bashuli, Bishnupur, Joar, Agra Gucchagram and Paschim Gobindapur area of Khansama Upazila in Dinajpur District from severe erosion of the Atrai River, a Technical Committee was formed by Board Secretariat of BWDB on 24-05-2016. As per recommendation of the Technical Committee, the DPP was furnished.

◆ **Appraisal/ PE4 Meeting in Planning Commission:**

The PEC meeting was held on 09-08-2018 at Planning Commission. As per decision of PEC meeting the DPP was corrected and sent to the Hon'ble Minister, Ministry of Planning for approval the above project.

◆ **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 Hon'ble Minister, Ministry of Planning on 08-10-2018 and 1st Revised DPP was approved by Hon'ble State Minister, MoWR on 25-02-2020.

◆ **Others (if any):** Nil.

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 stack holders are directly taking advantages of the created facilities of the project.

4.3 O & M programme of the project.

After complementation 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

- Protection of vast arable lands and other public and private properties valued approximately Tk. 22735.00 lakh under Munshipara, Foridabad, Bashuli, Bishnupur, Joar, Agra Gucchagram, Paschim Gobindapur and adjacent area of Khansama Upazila in the District of Dinajpur from the erosion of left & right bank of Atrai River have been ensured by execution of 5.10 km revetment works along the vulnerable river bank.

4.4.2. Indirect

- River alignment has been maintained in a sustainable thalweg for sustainable river management.
- Socio-economic condition has improved in the project area.
- Environmental impact has been mitigated and ecological balance has been established.

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 and business centres 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.

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

Project Management	N/A.
Project Director	N/A.
Land Acquisition	N/A.
Procurement	N/A.
Consultancy	N/A.
Contractor	N/A.
Manpower	N/A.
Law & Order	N/A.
Natural calamity	N/A.
Project financing, allocation and release	N/A.
Design formulation /approval	N/A.
Project aid disbursement and re-imburement	N/A.
Mission of the development partners.	N/A.
Time & Cost Over-run	Due to inclusion of additional bank protective works in RDPP.
Project Supervision /Inspection	N/A.
Delay in Decision	N/A.
Transport	N/A.
Training	N/A.
Approval	N/A.
Others	N/A.

6. Remarks & Recommendations of the Project Director:

The project area is located at the North-East part of Dinajpur District across the left & right bank of Atrai River to protect different palces at Upazilla Khansama in District Dinajpur. The main objective of the project is to protect vast arable lands and other public and private properties valued approximately Tk. 22735.00 lakh under Munshipara, Foridabad, Bashuli, Bishnupur, Joar, Agra Gucchagram, Paschim Gobindopur and adjacent area of Khansama Upazila from the erosion of left & right bank of Atrai River by implementing 5.10 km river bank protective works along the vulnerable river bank. After implementation of the project, physical safety and sense of security among the people of the project area have been developed, resulting in enhanced investment in housing and commercial buildings, enhanced investment in business and development work and have also caused positive impacts on agriculture and fish resources production and land prices. These all components will enhance the opportunity of employment and poverty alleviation.

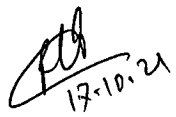
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The very nature & objective of this project have direct relevance with the natural objective of attaining self-reliance, generation of rural employment, poverty alleviation especially for rural poor section, creation of social & environmental balance & building of economic infrastructures for the future generation to sustain due to river erosion mitigation.

The commencement and completion of the project is schedule to be accomplished in 2018-2019 to 2020-2021 as per approved 1st Revised DPP and accordingly the project has been completed within stipulated time. In RDPP, the scope of work got increased due to inclusion of further bank revetment works. All the components of the project have been implemented except dredging/ Re-excavation work of char to avoid the duplication of excavation works as per recommendation of the Project Steering Committee (PSC). BWDB's Taskforce committee has ensured the quality of implemented protective works. During implementation period, high officials from IMED, MoWR & BWDB has visited the project & their observations & recommendations have been complied. Now after completion of the project, proper monitoring and regular maintenance of the implemented revetment works are required for more sustainability.

The project is specifically linked with SDGs (Goal 1, 2, 6, 11 & 12). 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. The project fits well to achieve other such strategic goals.

Date.....


(Md. Rakibul Hasan)
Executive Engineer
Dinajpur O&M Division
BWDB, Dinajpur
&
Project Director

07. Remarks/ Comments of Agency Head.

After completion of the project, 5.10 km bank line along the Atrai River and approx. 315 hectares of land are protected from riverbank erosion. Thus the project is protecting the local people from being homeless and saving huge immovable public and private properties worth approx. 22735 lakh taka. The project has been implemented within the stipulated time without any time extension.

Date.....


28/10/2021
Signature and Seal
(FAZLUR RASHID)
Director General
BWDB, Dhaka.

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

Date.....

Signature and Seal.

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পানি সম্পদ মন্ত্রণালয়
উন্নয়ন-২ অধিশাখা



বিষয়: “দিনাজপুর জেলার খানসামা উপজেলার বিভিন্ন স্থানে আত্রাই নদীর অব্যাহত ভাঙ্গন প্রতিরোধ ও নদীতীর সংরক্ষণ (১ম সংশোধিত)” শীর্ষক প্রকল্পের স্টিয়ারিং কমিটি ৪র্থ সভার কার্যবিবরণী।

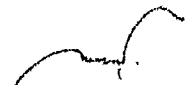
সভাপতি কবির বিন আনোয়ার
সিনিয়র সচিব
সভার তারিখ ২৪ মার্চ ২০২১
সভার সময় বেলা ১২: ১৫ ঘটিকা
স্থান মন্ত্রণালয়ের সভাকক্ষ ও Virtual Platform
উপস্থিতি পরিশিষ্ট-‘ক’

সভাপতি সকলকে স্বাগত জানিয়ে সভার কার্যক্রম শুরু করেন। সভাপতির অনুমতিক্রমে প্রকল্প পরিচালক সভায় জানান যে, প্রকল্পটির ৫৫৬৮.৮৪ লক্ষ টাকা ব্যয়ে অক্টোবর ২০১৮ হতে জুন ২০২১ পর্যন্ত মেয়াদে বাস্তবায়নের জন্য নির্ধারিত রয়েছে। ২০ মার্চ ২০২১ পর্যন্ত প্রকল্পটির আর্থিক অগ্রগতি ৩৬৪৩.৮৮ লক্ষ টাকা (৬৬.০০%) এবং বাস্তব অগ্রগতি ৮৭.০০%। চলতি অর্থ বছরের মধ্যে প্রকল্পের অবশিষ্ট কাজ সমাপ্ত হবে।

০২। সভায় প্রকল্পটির অগ্রগতি ও বাস্তব অবস্থা বিবেচনায় নিয়ে যথাযথ ও কার্যকর পদক্ষেপ গ্রহণের লক্ষ্যে নিম্নোক্ত আলোচনা ও সিদ্ধান্ত গ্রহণ করা হয়:

ক্র: নং	আলোচ্য বিষয়	সিদ্ধান্ত	বাস্তবায়নকারী
০১।	প্রকল্পটির ভৌত কাজের ০৯টি প্যাকেজের মধ্যে ০৮টি প্যাকেজের দরপত্র আহবানপূর্বক কার্যাদেশ প্রদান করা হয়েছে। তন্মধ্যে ৪ টি প্যাকেজের কাজ সমাপ্ত হয়েছে এবং ৪ টি প্যাকেজের কাজ চলমান রয়েছে। প্রকল্পের অবশিষ্ট ০.১০০ কিমি. ড্রেজিং/চর অপসারণ কাজের প্যাকেজটির স্থানে পঞ্চগড় পওর বিভাগ, বাপাউবো, পঞ্চগড় কর্তৃক ড্রেজিং/চর অপসারণ কাজ “৬৪ জেলার অভ্যন্তরস্থ ছোট নদী, খাল, জলাশয় পুনঃখনন প্রকল্প (১ম পর্যায়)” এর আওতায় চলমান থাকায় দৈততা পরিহারের লক্ষ্যে ০.১০০ কিমি. ড্রেজিং/চর অপসারণ কাজের প্যাকেজটি বাস্তবায়নের প্রয়োজন নেই মর্মে প্রকল্প পরিচালক সভায় অবহিত করেন। এছাড়া, প্রকল্পটি জুন ২০২১ এ সমাপ্ত হওয়ার বিষয়টি সভায় উল্লেখ করা হয়। নির্ধারিত সময়ের মধ্যে প্রকল্পের সকল ভৌত কাজ যথাযথভাবে সমাপ্ত করার জন্য সভাপতি নির্দেশনা প্রদান করেন।	১.১। দৈততা পরিহারের লক্ষ্যে প্রকল্পের ০.১০০ কিমি. ড্রেজিং/চর অপসারণ কাজের প্যাকেজটি বাস্তবায়নের প্রয়োজনীয়তা নেই। অবশিষ্ট প্যাকেজসমূহের কাজের গুণগতমান বজায় রেখে নির্ধারিত সময়ের মধ্যে প্রকল্পের কাজ সমাপ্তির লক্ষ্যে সার্বিক প্রয়োজনীয় পদক্ষেপ গ্রহণ করবেন।	প্রকল্প পরিচালক।

০৩। সভায় আর কোন আলোচনা না থাকায় সভাপতি সকলকে ধন্যবাদ জানিয়ে সভার সমাপ্তি ঘোষণা করেন।


কবির বিন আনোয়ার

স্মারক নম্বর: ৪২.০০.০০০০.০৩৫.১৪.০১৮.১৮.১০৬

তারিখ: ২৩ চৈত্র ১৪২৭

০৬ এপ্রিল ২০২১

বিতরণ (জ্যেষ্ঠতার

ক্রমানুসারে নয়) :

- ১) সিনিয়র সচিব, অর্থ বিভাগ
- ২) সচিব, বাস্তবায়ন পরিবীক্ষণ ও মূল্যায়ন বিভাগ
- ৩) সদস্য, কৃষি পানি সম্পদ ও পল্লী প্রতিষ্ঠান বিভাগ (সদস্য)-এর দপ্তর, পরিকল্পনা কমিশন
- ৪) সদস্য, সাধারণ অর্থনীতি বিভাগ (সদস্য)-এর দপ্তর, পরিকল্পনা কমিশন
- ৫) সদস্য, কার্যক্রম বিভাগ (সদস্য)-এর দপ্তর, পরিকল্পনা কমিশন
- ৬) অতিরিক্ত সচিব, প্রশাসন, পানি সম্পদ মন্ত্রণালয়
- ৭) অতিরিক্ত সচিব, উন্নয়ন উইং, পানি সম্পদ মন্ত্রণালয়
- ৮) মহাপরিচালক, বাংলাদেশ পানি উন্নয়ন বোর্ড
- ৯) যুগ্মসচিব, যুগ্ম-সচিব উন্নয়ন-১ এর দপ্তর, পানি সম্পদ মন্ত্রণালয়
- ১০) যুগ্মসচিব, পরিকল্পনা উইং, পানি সম্পদ মন্ত্রণালয়
- ১১) যুগ্মপ্রধান, এনইসি-একনেক ও সমন্বয় অনুবিভাগ, পরিকল্পনা বিভাগ
- ১২) অতিরিক্ত মহাপরিচালক (পশ্চিম রিজিয়ন), পশ্চিম রিজিয়ন, বাংলাদেশ পানি উন্নয়ন বোর্ড
- ১৩) অতিরিক্ত মহাপরিচালক (পরিকল্পনা), পরিকল্পনা, বাংলাদেশ পানি উন্নয়ন বোর্ড
- ১৪) প্রধান প্রকৌশলী (পুর), প্রধান প্রকৌশলী (পুর), পরিকল্পনা এর দপ্তর, বাংলাদেশ পানি উন্নয়ন বোর্ড
- ১৫) প্রধান প্রকৌশলী, প্রধান প্রকৌশলী, ডিজাইন, ঢাকা, বাংলাদেশ পানি উন্নয়ন বোর্ড
- ১৬) মাননীয় প্রতিমন্ত্রীর একান্ত সচিব, প্রতিমন্ত্রীর দপ্তর, পানি সম্পদ মন্ত্রণালয়
- ১৭) মাননীয় উপমন্ত্রীর একান্ত সচিব, উপমন্ত্রীর দপ্তর, পানি সম্পদ মন্ত্রণালয়
- ১৮) প্রকল্প পরিচালক, “দিনাজপুর জেলার খানসামা উপজেলার বিভিন্ন স্থানে আত্রাই নদীর অব্যাহত ভাঙ্গন প্রতিরোধ ও নদীতীর সংরক্ষণ” শীর্ষক প্রকল্প, দিনাজপুর গওর বিভাগ, দিনাজপুর।
- ১৯) অফিস কপি।

মোঃ মাহমুদ হাসান

উপসচিব

