

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT MONITORING FORM-IMED-04/2003(REV.)

Name of Project : Protection of Bhandarbari and Adjacent Area Under
Dhunat Upazilla in Bogra District From Right Bank
Erosion of the Jamuna River.

NAME OF DIVISION : BOGRA O&M DIVISION, BWDB, BOGRA.
NAME OF CIRCLE : BOGRA O&M CIRCLE, BWDB, BOGRA.
NAME OF ZONE : NORTH-WESTERN ZONE, BWDB, RAJSHAHI.

Government of the people's Republic of Bangladesh
Ministry of Planning
Implementation Monitoring and Evaluation Division
PROJECT COMPLETION REPORT: IMED-04/2003(REVISED)

A. PROJECT DESCRIPTION

01. Name of the Project: Protection of Bhandarbari and Adjacent Area under Dhunat Upazilla in Bogra District From Right bank Erosion of the Jamuna River.
02. Administrative Ministry/Division: Ministry of Water Resources.
03. Executing Agency : Bangladesh Water Development Board.
04. Location of the Project : Union: Bhandarbari, Upazilla Dhunot, Dist: Bogra.
05. Objective of the Project: The main Objective of the Project is to protect Bhandarbari union and adjacent area under Dhunat Upazilla in the District of Bogra from Right Bank erosion of the Jamuna River by Implementation of 700.00 meter revetment works along the vulnerable river bank. Another important Objective of the Project is to safeguard segment of existing Brahmaputra Right Bank, Flood Control Embankment (BRE) and vast Cultivable lands potential for agricultural production as well as valuable establishments in the area from devastating erosion of the river Jamuna. The overall objective is to reduce environmental degradations due to river erosion in the area. Huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 2231.50 million will suppose to be saved from river bank erosion by virtue of proper implementation of the project.

06. Estimated Cost:

	Original	Latest Revised
(a) Total	2298.00	-
(b) Taka	2298.00	
(c) Foreign Currency	-	
(d) Project Aid	-	
(e) RPA	-	

07. Date of Approved:

	DPP	PP
(a) Original	: 19.10.2006	-
(b) Latest	: 19.10.2006	-
08. Implementation Period	: 2006-2007 to 2008-2009.	

	Date of Commencement	Date of Completion
(a) Original:	July/2006	June/2008
(b) Latest	July/2007	June/2009
(c) Actual	July/2007	June/2009

W

09. Financial Agreement (Source-wise)

9.1 Status of Loan/Grant

(a) Foreign Financing : Not applicable.

Source	Currency 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:

(In Lakh Taka)

Total Amount	Loan	Grant	Cash Foreign Exchange
-	-	-	-

9.2 Utilization of Project aid(Source-wise): Not applicable.

(In Million)

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

9.3 Re-imbursment Project Aid (RPA) : Not applicable.

(In Lakh Taka)

RPA Amount		Amount Spent	Amount Claimed	Amount Re-imbursment	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6
-	-	-	-	-	-

(-)

B.IMPLEMENTATION POSITION

01. Implementation:

Implementation period as per PP		Actual Implementation	Time over-run (%Of Original Implementation)	Remarks
Original	Latest revised			
1	2	3	4	5
2006-2007 to 2007-2008	2007-2008 to 2008-2009	2007-2008 to 2008-2009		

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	2298.00	-	2028.56		
TAKA					
PA					

03. Project Personnel : Project work has been completed by existing manpower of BWDB.

Sanctioned Strength as per PP	Manpower Employee during execution	Status of the Existing Manpower			Manpower Employed	
		Manpower Requirement for O&M	Existing Manpower for O&M	Others	Male	Female
1	2	3	4	5	6	7
Officer (s)	-	-	-	-	-	-
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	Manmonths	Number of Person	Manmonths	
1	2	3	4	5	6
-	-	-	-	-	-

- a) Foreign : Not Applicable.
b) Local : Not Applicable

W

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

(In Lakh Taka)

Item of Work (as per PP)	Unit	Target as per PP		Actual Progress		Reasons for deviation (+)
1	2	3	4	5	6	7
Revenue Component:						
Stationary& others	1 Item	2.00	1 Item	2.00	1 Item	
Survey & investigation	1 Item	1.00	1 Item	0.91	1 Item	
Overhead Cost @ 8% of Civil work:	1 Item	170.00	-	-	-	
Revenue Sub Total:		173.00		2.91		
Capital Component:						
Bank protective work (700 Meter)	M	2100.00	700 (Meter)	2025.65	700 Meter	
O&M during Construction	1 Item	25.00	-	-	-	
Capital Sub Total:		2125.00		2025.65		
Total:		2298.00	-	2028.56	-	

W

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
1. Md.Obidur Rahman	Full time	-	No	01.07.07	07.01.08	
2. Sarder Sirajul Haque	Full time	-	No	07.01.08	18.11.08	
3. Md. Aminul Islam	Full time		No	18.11.08	20.01.09	
4. A.K.M. Momtaz Uddin.	Full time		No	20.01.09	30.06.09	

07. Procurement of Transport (in Nos.): Not Applicable.

Type of Transport	Number as Per PP	Procured with date	Transferred to transport Pool with date	Transferred to O&M with date	Condemned/da maged with date	Remarks
1	2	3	4	5	6	7
Car						
Jeep						
Microbus						
Minibus						
Bus						
Motor Cycle						
By-Cycle						
Speed Boat						
Launch						
Others with Name						

08. Procurement of Goods Works and consultancy Services : Not Applicable.

Description of procurement (good/work/consultancy) as per Bid document			Tender/Bid/propo sal		Date of Completion of works/services and supply of goods.	
	As per PP				As per Contract	Actual
1	2	3	4	5	6	7
-	-	-	-	-	-	-

8.2 Use of Consultant (s)(Foreign/Local):

Name of the field			Actual Man-month utilized	Remarks
	As per PP	As per Contract		
1	2	3	4	

a) Foreign : Not Applicable.

b) Local : Not Applicable.

09. Construction / Erection / installation Tools & Equipment: Not Applicable

Description of Items	Quantity (as per PP)	Quantity procured with Date		Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
-	-	-	-	-	-	-

C. FINANCIAL AND PHYSICAL PROGRAMME

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

(In lakh Taka)

Financial Year	Financial provision & physical target as per original PP				Financial provision & physical target as per latest revised PP			
	Total	Taka	PA	Physical%	Total	Taka	PA	Physical%
1	2	3	4	5	6	7	8	9
2006-2007	1362.00	1362.00	-	60%	-	-	-	-
2007-2008	936.00	936.00	-	40%	1362.00	1362.00	-	60%
2008-2009	-	-	-	-	936.00	936.00	-	40%
	2298.00	2298.00	-	100%	2298.00	2298.00	-	100%

01.(b) Revised ADP allocation and Progress:

(In lakh Taka)

Financial Year	Revised allocation & target				Taka Release	Expenditure & Physical Progress			
	Total	Taka	PA	Physical %		Total	Taka	PA	Physical %
1	2	3	4	5	6	7	8	9	10
2007-2008	1500.00	1500.00	-	65%	1500.00	1441.21	1441.21	-	78%
2008-2009	613.00	613.00	-	35%	664.00	587.35	587.35	-	22%
Total	2113.00	2113.00	-	100%	2164.00	2028.56	2028.56	-	100%

W

Objective as per PP	Actual achievement	Reasons for shortfall, if any
The main Objective of the Project is to protect Bhandarbari union and adjacent area under Dhunat Upazilla in the District of Bogra from Right Bank erosion of the Jamuna River by Implementation of 700.00 meter revetment works along the vulnerable river bank. Another important Objective of the Project is to safeguard segment of existing Brahmaputra Right Bank, Flood Control Embankment (BRE) and vast Cultivable lands potential for agricultural production as well as valuable establishments in the area from devastating erosion of the river Jamuna. The overall objective is to reduce environmental degradations due to river erosion in the area. Huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 2231.50 million will suppose to be saved from river bank erosion by virtue of proper implementation of the project.	After implementing the project Bhandarbari union and adjacent area under Dhunat Upazilla in the District of Bogra from Right Bank erosion of the Jamuna River has been protected by Implementation of 700.00 meter revetment works along the vulnerable river bank. Environmental degradations due to river erosion in the area. has been minimised. Huge public and private properties around the said erosion prone area with approximate total worth of Tk. 2231.50 million saved from river bank erosion by virtue of proper implementation of the project.	

E.BENEFIT ANALYSIS:

01. Annual Out-put: Not Applicable

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).

02. Cost/Benefit: Not Applicable

Item	Estimated	Actual
(1)Benefit cost ratio of the project (i) Financial (ii) Economic		
(2)Internal Rate of Return (i)Financial (ii)Economic		

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

W

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: b)IMED: c) Others: (Please specify)	-	-	Representative of MOWR/IMED/BWDB officials time to time visited the project and it has been completed in all respect as per their recommendations.

03.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:

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

G.DESCRPTIVE REPORT:

1.1 The Background:

The Brahmaputra Jamuna River system is the largest and most important in Bangladesh accounting for 50% of the total inflow into the country across the border. This river is braided with frequently shiftings of channels . Along the Brahmaputra-Jamuna River, average erosion rates are 100m/year, but sometimes increases to as high as 800m/year in case of severe floods. The bank erosion along this river system has deteriorated social and economic impacts leading to loss of land and property, environmental degradation and human hazards.

1.2 Justification/Adequacy:

Flood Embankment (known as Brahmaputra right Embankment-BRE) was constructed parallel to the right bank during the sixties and early seventies stretching from Teesta down to the Hurasagar confluence to protect floods and bank-line erosion. Later on, appropriate measures were taken at different important location i.e. construction of hard points, groyne, and spurs etc. to mitigate devastating bank erosion and dreaching of BRE About 140.00 km. out of total length of 220.00 km. had to be retired over last 20 years since erection of BRE due to bank-line erosion Hence erection of bank protection at several locations (27 stratehic locations, ref: BRTS) was completed to stop westward migration of the river and prevent the possibility of merger of the Bangali & Jamuna Rivers and thus ensure protection of BRE.

(w)

03. Brief Description on planning and financing of the project and its applicability

- o Project Identification : Bogra O&M Division, BWDB, Bogra.
- o Project Preparation : Bogra O&M Division, BWDB, Bogra.
- o Appraisal: ECNEC.
- o Credit Negotiation : -
- o Credit Agreement : -
- o Credit Effectiveness : -
- o Loan Disbursement : -
- o Loan Conditionality : -
- o Project Approval : ECNEC.
- o Others (if any) : Funding by GOB.

4. Analysis of the Post-implementation situation and result of the project: : It is the successful project.

4.1 Whether the beneficiaries of the project have clear knowledge about the target/objectives of the project.

Yes.

4.2 Program for use of created facilities of the project.

4.3 O&M program of the project.

4.4 Impact of the project.

4.4.1 Direct. ✓

4.4.2 Indirect.

4.5 Transfer of Technology and Institutional Building through the project. Yes.

4.6 Employment generation through the project. Yes.

4.7 Possibility of Self-employment. Yes.

4.8 Possibility of Women employment opportunity. Yes.

4.9 Woman's participation in development. Yes.

4.10 Problem impact on Socio-Economic activity. No

4.11 Impact on Environment. Positive.

4.12 Sustainability of the project. Positive.

4.13 Contribution to poverty alleviation/reduction. Positive.

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

4.15 Contribution of micro credit programme and comments on overlapping with any NGO activities. No.

6

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

- | | |
|--|---|
| 1. Project management | 11. Design formulation\ approval. |
| 2. Project Director | 12. Project aid disbursement and reimbursement. |
| 3. Land Acquisition | 13. Mission of the development partners. |
| 4. Procurement | 14. Time & Cost over-run. |
| 5. Consultancy | 15. Project supervision \Inspection. |
| 6. Contractor | 16. Delay in decision. |
| 7. Manpower | 17. Transport. |
| 8. Law & Order | 18. Training |
| 9. Natural calamity. | 19. Approval |
| 10. Project financing, allocation and release. | 20. Others. |

6. Remarks & Recommendation of the project Director.

The project has been successfully completed in all respects. The objective of the project have been achieved with the implementation of the project as laid down in the PP. After implementation of the project, resulting reduced bank erosion, Cost of properties and human sufferings Tk.100 Lakh is required annually for Operation & Maintenance of this project .

Date: 17 / 09 / 2009 Signature and seal of the Project Director.

A.K.M. Momtaz Uddin
Executive Engineer
Bogra O & M Division
BWDB Bogra

7. Remarks/Comments of Agency Head

Date:/...../..... Signature and seal

8. Remarks/Comments of the Officer-in-Charge of the Ministry.

Date:/...../..... Signature and seal