

2016-17

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT MONITORING FORM-IMED-04/2003(Revised)

PROJECT COMPLETION REPORT

Name of Project : Protection of the Left Bank of Padma River from Komorpur to Shara-Jhaudia in Ishwardi Upazila under Pabna District and Tilokpur to Gouripur in Lalpur Upazila under Natore District (1st revised).

Project Implementation Period : January/ 2013 to June/ 2017.

Name of Division : Pabna O&M Division, BWDB, Pabna.

Name of Circle : Pabna O&M Circle, BWDB, Pabna.

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 the Left Bank of Padma River from Komorpur to Shara-Jhaudia in Ishwardi Upazila under Pabna District and Tilokpur to Gouripur in Lalpur Upazila under Natore District (1st revised).
02. **Administrative Ministry/Division** : Ministry of Water Resources
03. **Executing Agency** : Bangladesh Water Development Board.
04. **Location of the Project** : District: Pabna; Upazilla: Ishwardi.
District: Natore; Upazilla: Lalpur.
05. **Objective of the Project** :

- The main objective of the project is to protect left bank of the Padma River from Komorpur to Shara-Jhaudia (Km 0.000 to Km. 6.620) in Ishwardi Upazila under Pabna Dist. & Tilokpur to Gouripur (Km. 0.000 to 0.965) in Lalpur Upazila under Natore District by constructing Bank Revetment work.
- Protect the Project area from Erosion of the Padma River.
- To safeguard vast irrigable lands potential for agricultural production as well as valuable establishments like Ishwardi Airport, EPZ, Railway campus in the area from devastating erosion of the river Padma.
- To reduce environment degradation due to river erosion in the area and provide stable environment for development in the areas adjacent to protected river bank.
- To save huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 86529.00 lakh.

43

06. Estimated Cost :

(In lakh Taka)

	Original	Latest Revised
(a) Total	22020.66	22604.91
(b) Taka	22020.66	22604.91
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approval :

(a) Original :
(b) Latest Revised :

PCP	PP
-	11-04-2013
-	31-05-2017

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	January, 2013	June, 2015
(b) Latest Revised	January, 2013	June, 2017
(c) Actual	January, 2013	June, 2017

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 Effectiveness	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
22604.91	-	22604.91	-

[Handwritten signature]

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					

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, 2013 to June, 2015	January, 2013 to June, 2017	January, 2013 to June, 2017	80.00%	Delayed due to re-tendering for finalizing procurement.

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	22020.66	22604.91	19765.50	(-) 10.24%	
TAKA	22020.66	22604.91	19765.50	(-) 10.24%	
PA	-	-	-	-	

03. Project Personnel :

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)	Existing manpower of the implementing agency were deployed during execution of the project. No separate manpower is engaged for the project.					
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 PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
(a) Revenue Component						
Petrol & Lubricant	1 item	13.00	1 item	9.99	1 item (87.45%)	Planned task is done.
Printing & Publication	1 item	5.00	1 item	5.00	1 item (100%)	
Stationery, Seal & Stamps	1 item	6.00	1 item	5.00	1 item (94.90%)	Planned task is done.
Preparation of EIA & EMP	1 item	17.00	1 item	-	-	As the physical work of the project had already started, the item was no more required which was discussed in the meeting of 7th Steering Committee.
Survey & Investigation	1 item	7.00	1 item	4.99	1 item	Planned task is done.

(In lakh Taka)

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
Environmental Clearance	1 item	2.00	1 item	-		As the physical work of the project had already started, the item was no more required which was discussed in the meeting of 7th Steering Committee.
Repair of existing Vehicles (Jeep 2 nos. Motor cycle 4 nos.)	1 item	8.00	1 item	6.00	1 item (97.45%)	Planned task is done.
Sub Total (b)		58.00		30.98	84.21%	
(b) Capital Component						
Jeep (2350 cc, 5 door) (Made by Pragati) 1 No.	Nos	55.60	1 Nos	55.60	1 Nos (100%)	
Motor cycle (100 C.C.)- 2 Nos.	Nos	4.00	2 Nos	3.60	2 Nos (100%)	Planned task is done with the money spent
River Bank protection works on the left bank of Padma river from Komorpur to Shara-Jhaudia (km 0.000 to km 6.620) in Ishwardi Upazila under Pabna district and Tilokpur to Goripur (km 0.000 to km 0.965) in Lalpur Upazila under Natore district (7.585 km)	km	22387.31	7.585 km	19675.32	7.585 Km (100%)	Planned task is done with the money spent
Sub Total (b)		22446.91		19734.52	100%	
Sub-Total (a+b)		22504.91		19765.50	99.95%	
(c) Physical Contingency	LS	50.00	LS	-	-	
(d) Price Contingency	LS	50.00	LS	-	-	
Grand Total (a+b+c+d)		22604.91		19765.50	99.92%	

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. Mokhlesur Rahman Executive Engineer Taka 22,250 - 31,250 (as per 7th National Pay Scale)	No	Part time	No	10-04-2013	10-02-2015	
Mir Mosharraf Hossain Superintending Engineer Taka 22,250 - 31,250 (as per 7th National Pay Scale)	No	Part time	Yes	10-02-2015	20-05-2015	

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. Anisul Islam Superintending Engineer Engineer Taka 25,750 - 33,750 (as per 7th National Pay Scale)	No	Part time	Yes	05-07-2015	15-02-2016	
Muhammad Amirul Haq Bhuiya Superintending Engineer Engineer Taka 50,000 - 71,200 (as per 8th National Pay Scale)	No	Part time	Yes	15-05-2016	To date	

07. Procurement of Transport (in Nos.):

Type of transport	Number as per P.P.	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
Jeep	1	15-02-2014	-	01-07-2017	-	-
Motor Cycle	2	01-03-2015	-	01-07-2017	-	-

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/Prop osal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contra cted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Supply of Geo-bag (175 kg.) for river bank protection work from Komorpur to Shara-Jhaudia. (km. 0.220 to km. 0.500)	237.19	237.19	25-05-13	16-09-14	16-06-15	08-02-16
River bank protective work from Komorpur to Shara-Jhaudia. (km. 0.000 to km. 0.500)	963.52	963.52	25-05-13	16-09-14	29-06-15	28-06-16
Supply of Geo-bag (175 kg.) for river bank protection work from Komorpur to Shara-Jhaudia. (km. 0.500 to km. 1.000)	429.90	429.90	25-05-13	15-12-14	28-04-15	30-07-16
River bank protective work from Komorpur to Shara-Jhaudia. (km. 0.500 to km. 1.000)	919.87	919.87	25-05-13	16-09-14	29-06-15	28-06-16
Supply of Geo-bag (175 kg.) for river bank protection work from Komorpur to Shara-Jhaudia. (km. 1.000 to km. 1.500)	430.68	430.67	25-05-13	15-12-14	28-04-15	08-01-16

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Prop osal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contra cted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
River bank protective work from Komorpur to Shara-Jhaudia. (km. 1.000 to km. 1.500)	918.91	918.91	25-05-13	17-09-14	29-06-15	20-01-16
River bank protective work from Komorpur to Shara-Jhaudia. (km. 1.500 to km. 2.000)	1309.66	1172.03	01-03-15	13-07-15	27-07-16	31-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 2.000 to km. 2.500)	1370.73	1121.11	01-03-15	06-07-15	27-07-16	31-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 2.500 to km. 3.000)	1378.17	1132.58	01-03-15	06-07-15	27-07-16	31-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 3.000 to km. 3.500)	1377.21	1134.90	26-05-15	22-11-15	24-05-17	24-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 3.500 to km. 4.000)	1366.21	1150.71	26-05-15	22-11-15	24-05-17	24-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 4.000 to km. 4.500)	1389.01	1205.33	26-05-15	22-11-15	24-05-17	24-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 4.500 to km. 5.000)	1400.07	1199.10	26-05-15	26-11-15	02-06-17	02-06-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 5.000 to km. 5.500)	1392.25	1232.31	26-05-15	11-11-15	22-05-17	22-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 5.500 to km. 6.000)	1399.35	1209.32	26-05-15	26-11-15	02-06-17	02-06-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 6.000 to km. 6.500)	1388.49	1179.95	26-05-15	11-11-15	22-05-17	22-05-17
River bank protective work from Komorpur to Shara-Jhaudia. (km. 6.500 to km. 6.620) & Tilokpur to Gouripur (km 0.500 to km 0.965)	1610.82	1425.03	15-10-15	06-01-16	25-06-17	20-06-17
River bank protective work from Tilokpur to Gouripur. (km. 0.000 to km. 0.500)	1511.13	1311.53	01-03-15	08-07-15	27-07-16	31-05-17
River bank protective work from Tilokpur to Gouripur. (End Termination 209.00 meter at Km. 0.965)	1407.84	1260.50	01-03-15	08-07-15	27-07-16	31-05-17

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

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	N/A			
b) Local	N/A			

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
N/A						

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	P.A.	Physical %	Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9
2012-13	300.00	300.00	-	1.36%	0.00	0.00	-	0.00%
2013-14	13372.72	13372.72	-	60.73%	58.10	58.10	-	0.257%
2014-15	8347.94	8347.94	-	37.91%	2498.93	2498.93	-	11.055%
2015-16	-	-	-	-	5499.53	5499.53	-	24.329%
2016-17	-	-	-	-	14548.35	14548.35	-	64.36%
Total	22020.66	22020.66	-	100%	22604.91	22604.91	-	100%

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
2012-13	0.00	0.00	-	0.00%	0.00	0.00	0.00	-	0.00%
2013-14	2200.00	2200.00	-	0.26%	500.00	58.10	58.10	-	0.26%
2014-15	2500.00	2500.00	-	11.28%	2500.00	2498.93	2498.93	-	11.28%
2015-16	5500.00	5500.00	-	24.56%	5500.00	5499.53	5499.53	-	24.56%
2016-17	11820.00	11820.00	-	63.90%	11779.64	11708.94	11708.94	-	63.82%
Total	22020.00	22020.00	-	100%	20279.64	19765.50	19765.50	-	99.92%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
The main objective of the project is to protect the River Bank Protection work of the Padma River from Komorpur to Shara-Jaudia (Km 0.000 to Km. 6.620) in Ishwardi Upazila under Pabna Dist. & Tilokpur to Gouripur (Km. 0.000 to 0.965) in Lalpur Upazila under Natore District.	Objectives have been achieved by the implementation of 7.585 km of bank protective work as per DPP of the project.	No shortfall.
Protect the Project area from Erosion of the Padma River.		
To safeguard segment of existing F.C Embankment of PIRDP and vast irrigable lands potential for agricultural production as well as valuable establishments like Ishwardi Airport, EPZ, Railway campus in the area from devastating erosion of the river Padma.		
To reduce environment degradation due to river erosion in the area and provide stable environment for development in the areas adjacent to protected river bank.		
To save huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 86529.00 lakh will suppose to be saved from river bank erosion.		

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).
(a) Bank protective Work from Komorpur to Shara-Jhaudia.	Meter	6620 meter	6620 meter
(b) Bank Protective Work from Tilokpur to Gouripur.	Meter	965 meter	965 meter




02. Cost / Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial (ii) Economic	(1) Benefit cost ratio of the project (i) Financial = 2 : 1 (ii) Economic = 2.35 : 1	Will be evaluated later by BWDB's concerned office & IMED.
(2) Internal Rate of Return (i) Financial (ii) Economic	(2) Internal Rate of Return (i) Financial = 30.47% (ii) Economic = 35.94%	

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

No shortfall found between the estimated and actual benefit.

F. MONITORING AND AUDITING**1. Monitoring:**

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
(a) Ministry / Agency :			
Md. Heruzzaman Deputy Secretary, MoWR	05-09-2015 to 08-09-2015	No Problems identified.	Not Available.
(b) IMED :			
Parimal Chandra Basu Deputy Director, IMED	11-04-2015	No Problems identified.	The project will not be completed within the stipulated time i.e. June 2015. Hence, the project needs time extension upto June 2017.
Md. Barkatur Rahman Assistant Director, IMED	08-01-2016	-All the package could not start manufacturing CC blocks due to shortage of fund during 2015-16.	-Manufacturing of CC blocks should be started immediately. - Ensuring allocation of fund. - To take initiative to complete works in due time. - Length of work at Lalpur portion should be extended.

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Mohammad Tanvir Akkas Assistant Director, IMED	08-06-2016	No Major Problems identified.	-To take initiative to appoint Project Directors for fulltime and PD should not be changed frequently. - To take initiative to complete works in due time.
(c) <u>Others:</u> (Please specify)			
Shamsur Rahman Sharif Honourable MP, Pabna-4 & Minister, Ministry of Land	25-03-2015	No Major Problems identified.	Not Available.
Advocate Abul Kalam Azad Honourable MP, Natore-1.	15-10-2016	No Major Problems identified.	Not Available.

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
No internal audit done during the project implementation period.			

2.2. External Audit:

Audit period	Date of submission of Audit Report	Major findings/ Objections	Whether objections resolved or not.
1	2	3	4
2014-15	05-05-2015	একই দরপত্রের আওতায় ব্লক তৈরীর একক মূল্য অত্যধিক বেশী হওয়ায় ঠিকাদারকে অতিঃ পরিশোধ করার পাউবোর ক্ষতি।	Objections resolved
2014-15	05-05-2015	নির্ধারিত সময়ে কার্য সম্পাদনে বার্ষিক ঠিকাদারের নিকট হতে জরিমানা বাবদ টাকা আদায় করা হয়নি।	Objections resolved

G. DESCRIPTIVE REPORT :

01. General Observations / Remarks of the Project on:

1.1. Background:

The Project area is dispersed at Komorpur to Shara-Jhaudia (Km. 0.000 to Km. 6.620) in Upazila Ishwardi, Dist. Pabna & Tilokpur to Gouripur (Km. 0.000 to Km. 0.965) in Upazila-Lalpur, Dist. Natore from left bank erosion of the Padma river. Komorpur and Shara-Jhaudia area important business centre in the region which contribute socio-economic enhancement in the areas. Said areas were under severe threat from left bank erosion of the Padma River.

River erosion occurred since 2003 at said vulnerable location and at pre-project time erosion trend had been devastating with resultant loss of huge immovable properties and human hazards. Besides Rajshahi to Ishwardi road via Lalpur in the area became endangered due to continuous erosion of the river. In this situation, road communication of 4-5 union under Ishwardi Upazila was threatened to be disrupted due to river bank erosion. During monsoon of 2007 & 2008 erosion trend became most devastating and it was apprehended that erosion would be increased further in ongoing monsoon season.

In the above circumstances, it was necessary to initiate immediate protective measures against river erosion at this vulnerable area. Otherwise various important establishments located in the vicinity of the area were threatened to be engulfed into river. There was a long standing social demand for safety of lives & properties against river erosion hazards. In this backdrop, the project had been formulated to protect erosion by constructing 7585 meter bank revetment works along left bank of the Padma River.

The local people of the area requested frequently BWDB officials to take necessary steps to implement the project with a view to protect the valuable Govt. and other properties, lives of animals, lands in the project area. To solve the problems of river erosion, the present Honourable Prime Minister of The People's Republic of Bangladesh, Sheikh Hasina on her visit to Natore at Kanaikhali Field on 11st December, 2011 made a commitment to implement the project with sustainable solution of the problems. As the project was in threat from the river erosion, Honourable Minister, Ministry of Planning requested to the Honourable Minister, Ministry of Water Resources to take immediate erosion mitigation measures. Honourable Member of the Parliament, Pabna-4 also requested to implement the project.

To implement the project all physical items of works had been incorporated as per recommendation of report of the technical committee.



1.2. Justification / Adequacy:

The project is justified as the background stated above prompted BWDB to take up the project for implementation. Moreover, it was Honourable Prime Minister's committed project.

1.3. Objectives:

- The main objective of the project is to protect left bank of the Padma River from Komorpur to Shara-Jaudia (Km 0.000 to Km. 6.620) in Ishwardi Upazila under Pabna Dist. & Tilokpur to Gouripur (Km. 0.000 to 0.965) in Lalpur Upazila under Natore District by constructing Bank Revetment work.
- Protect the Project area from Erosion of the Padma River.
- To safeguard vast irrigable lands potential for agricultural production as well as valuable establishments like Ishwardi Airport, EPZ, Railway campus in the area from devastating erosion of the river Padma.
- To reduce environment degradation due to river erosion in the area and provide stable environment for development in the areas adjacent to protected river bank.
- To save huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 86529.00 lakh.

1.4. Project revision with reasons:

DPP of the project of costing Tk. 22020.66 lakh had been approved by the ECNEC meeting held on 05-02-2013. The approval on the DPP was circulated by Planning Commission vide memo No. 20.00.0000.411.14.04.13-95 date: 11-04-2013 and the administrative approval issued by the Ministry of Water Resources vide memo No. 42.041.014.01.000.039.2011-36 dated: 28-04-2013.

The bank revetment work of 7.585 Km of the Project is divided into 20 (Twenty) packages. Cost estimate of bank revetment work was prepared on the basis of approved design and Standard Schedule of Rates of Pabna O&M Circle, BWDB, Pabna of FY 2012-2013. The rate of supplying empty Geo-bag was increased due to change of Geo-bag size. Due to the increased rate of Geo-bag, the project cost was increased from Tk. 22020.66 lacs to Tk. 22604.91 lacs. Hence 1st revision of the DPP was approved. Administrative approval of the 1st revised DPP was issued by the Ministry of Water Resources vide memo No. 42.041.014.01.00.039.2011-34 dated: 05-02-2015.

 

Originally the project implementation period was from January, 2013 to June, 2015. It was not possible to commence physical works of the project during the financial year 2012-13 & 2013-14. So, it was not possible to finish tendering process for all packages and implement total physical works within 2014-15. Consequently, no cost time extension was approved and project implementation period was revised from January, 2013 to June, 2017. The administrative approval for time extension of the project was issued by the Ministry of Water Resources vide memo No. 42.041.014.01.00.039.2011-162 dated: 18-08-2015.

As per decision of meeting of 7th steering committee, re-appropriation of the project had been done. Accordingly the re-appropriation of DPP had been approved by MoWR.

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

Bangladesh is a riverine country and bank line erosion of different rivers has been a recurrent occurrence. 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 was so large that there was recurrence of floods every year. Sometimes it became very severe and caused immense damages impacted by occurrence of devastating river erosion. This had significant social and economic impacts. The loss of land, crop and property had led to landlessness.

The large seasonal variation in river flow resulted in varying sediment transportation capacity and caused river-bank erosion, migration of river-bank and meandering river channels. Recent Satellite Image studies of the Ganges-Brahmaputra-Middle-Meghna rivers show that 1, 06,300 ha. of land were lost to erosion, while only 19,000 ha. were accreted over the period 1982-1992. The net area of 87,000 ha. lost to erosion is equivalent to an annual erosion rate of 8,700ha.

In this context, there had been growing concern and reassessment of the economic and socio- political benefits of protecting important towns, infrastructure, hats and bazaars as well as agricultural land. The issue had been given due importance in the national planned documents for water sector and prioritized strategic location of river banks had been stressed for phased implementation of river bank protection programme at the apex level. The overall objective of the project was to safety of lives & properties around the area. Throughout the

 

erection of proposed bank revetment work, safety of vast tract of agricultural lands and other immovable properties total worth of Tk. 86529.00 lakh be ensured against river erosion.

The construction work components had been incorporated in the DPP in accordance with approved design & drawing by Design Circle-II of BWDB at DPP preparation time, but on working time, all design of the works reviewed on the basis of latest river morphology, location and time. DPP have also been reviewed by 1st revision of the DPP.

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

- Project Identification: **The project was identified on demand of Honourable Prime Minister, People's Republic of Bangladesh's commitment during a visit to that area. Later Honourable Minister, ministry of planning persuaded to take the project urgently.**
- Project Preparation: **BWDB had formed a technical committee to explore feasibility of this committed project. Pabna O&M Division, BWDB, Pabna prepared the project according to the approved technical report. Then DPP of the project was processed for approval.**
- Appraisal: **The project was appraised by Planning Commission.**
- Credit Negotiation : **N/A**
- Credit Agreement : **N/A**
- Credit Effectiveness : **N/A**
- Loan Disbursement : **N/A**
- Loan Conditionality : **N/A**
- Project Approval : **The project was approved by ECNEC on 05-02-2013.**
- Others (if any): **Nil.**

04. 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: **Stakeholders are directly taking advantages of the created facilities of the project and it will be carried out by Non-Development Revenue Budget of BWDB when necessary.**
- 4.3. O & M Programme of the project: **Continuous O&M will be required.**
- 4.4. Impact of the project

- 4.4.1. Direct: **Positive Impact**
 4.4.2. Indirect: **Positive Impact**
- 4.5. Transfer of Technology and Institutional Building through the project: **N/A.**
- 4.6. Employment generation through the project: **Yes**
- 4.7. Possibility of Self employment: **No**
- 4.8. Possibility of women- employment opportunity: **Yes**
- 4.9. Women's participation in development: **Yes**
- 4.10. Probable Impact Socio- Economic activity: **Positive impact**
- 4.11. Impact on environment: **Positive impact**
- 4.12. Sustainability of the project: **Sustainable.**
- 4.13. Contribution to poverty alleviation / reduction: **Positive Impact.**
- 4.14. Opinion of the public representatives, Local elite, Local administration, teachers, religious leaders women's representatives etc. **Positive approach.**
- 4.15. Contribution of Micro-credit programmed and Comments of overlapping with any NGO activities. **Not Applicable.**

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

- | | |
|---|---|
| 5.1 Project Management | 5.12 Project aid disbursement and re-imbursment |
| 5.2 Project Director | 5.13 Mission of the development partners. |
| 5.3 Land Acquisition | 5.14 Time & Cost Over-run |
| 5.4 Procurement | 5.15 Project Supervision/Inspection |
| 5.5 Consultancy | 5.16 Delay in Decision |
| 5.6 Contractor | 5.17 Transport |
| 5.7 Manpower | 5.18 Training |
| 5.8 law & Order | 5.19 Approval |
| 5.9 Natural calamity | 5.20 Others. |
| 5.10 Project financing, allocation and release. | |
| 5.11 Design formulation/approval | |

No problems encountered during implementation of the project regarding the above facts.

6. Remarks & Recommendations of the Project Director:

The river Padma is the one of the most erosion prone river in Bangladesh. Ishwardi Upazilla of Pabna district and Lalpur Ishwardi Upazilla of Natore district were seriously affected by the left bank erosion of the river. Many people became homeless. The landless people passes inhuman life. Many Government and Non-Government establishment, educational institutions, mosques, roads and agricultural land have been engulfed in the river. To protect the further erosion of Komorpur, Palidah, Arambaria, Gopalpur, Boro Masdia, Sarker Para, Islam Para, Sara-Jhaudia of Ishwardi upazilla and Tilokpur, Nabinagar, Laxmipur, Gouripur of Lalpur

 

upazilla areas from the left bank erosion, "Protection of the Left Bank of Padma River from Komorpur to Shara-Jhaudia in Ishwardi Upazila under Pabna District and Tilokpur to Gouripur in Lalpur Upazila under Natore District" project was approved in ECNEC held on 05-02-2013. After the successful implementation of this project, the project area has been protected from severe erosion of the river Padma. The safety of the public and private moveable as well as immoveable asset along the left bank of Padma River has been increased. The socio-economic condition of the people has been improved. Scopes of new jobs & works have been created. Safety human livelihood and properties have also been ensured. The project will also contribute to attain national self sufficiency in food grains. Proper monitoring and regular maintenance of the revetment works and others necessary components should be continued to ensure the sustainability of the project. Otherwise the benefit of the project might be hampered.

Date


 (Muhammad Amirul Haq Bhuiya)
 Project Director
 &
 Superintending Engineer
 Pabna O & M Circle
 BWDB, Pabna.

7. Remarks/ Comments of Agency Head.

Komorpur to Shara-Jhaudia in Ishwardi Upazilla of Pabna & Tilokpur to Gouripur in Lalpur Upazilla of Natore district have been protected from devastating erosion of Padma river through this Honorable Prime Minister's committed project. Also this project provides safeguard to the valuable establishments like Ishwardi Airport, EPZ, Railway campus etc. Nearly 1500 Ha agricultural land of net worth 86529 lac Taka have been protected. Thus project objectives have been achieved in all aspect.

Date


 22/02/2019
 Signature and Seal
 (Md. Maniruzzaman)
 Director General
 BWDB, Dhaka.

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

Date

Signature and Seal