

BANGLADESH WATER DEVELOPMENT BOARD

**PROJECT MONITORING FORM-IMED-
04/2003(Revised)****PROJECT COMPLETION REPORT**

Name of Project : River Bank protective work of left bank erosion of the Padma river at different places in Sujanagar Upazilla and right bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazilla of Pabna district (1st Revised)

Project Implementation Period : January/ 2011 to June/ 2017.

Name of Division : Bera O&M Division, BWDB, Bera, 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** : River Bank protective work of left bank erosion of the Padma river at different places in Sujanagar Upazilla and right bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazilla of Pabna 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: Bera and Sujanagar.
05. **Objective of the Project** :

- To protect the Sindurpur, Majhpara, Raypur, Malfia, Malifa, Goaribazar. Nayagram, Kamarhat, Gopalpur, Nazirgonj in Upazila Sujanagar from Left Bank erosion of Padma river and Right Bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Paban District.
- To safeguard segment of existing F.C. Embankment of PIRDP East-West interlinked transmission line at Kazirhat and vast irrigable land potential for agricultural production as well as valuable establishments in the area from erosion of the river Padma and Jamuna.
- To reduce enviromental degradations due to river erosion in that area and provide stable environment for development in the areas adjacent to protect river bank.
- To save huge public and private properties dispersed the said erosion prone area with approximate total worth of TK. 150567.00 lakh will suppose to be saved from river bank erosion.

06. Estimated Cost

:

(In lakh Taka)

	Original	Latest Revised
(a) Total	20089.25	21906.63
(b) Taka	20089.25	21906.63
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

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07. Date of Approval	:	PCP	PP
(a) Original	:	-	26/12/2010
(b) Latest Revised	:	-	24/11/2014

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	January, 2011	June, 2013
(b) Latest Revised	January, 2011	June, 2017
(c) Actual	January, 2011	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							

(In lakh Taka)

b) GOB :

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
21906.63	-	21906.63	-

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, 2011 to June, 2013	January, 2011 to June, 2017	January, 2011 to June, 2017	160.00%	Due to insufficient fund allocation and increase in Schedule of rates.

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	20089.25	21906.63	18598.43	(-) 7.40%	-
TAKA	20089.25	21906.63	18598.43	(-) 7.40%	-
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						
Survey & Investigation	1 item	12.00	1 item	12.00	1 item (100%)	
Petrol & Lubricant	1 item	18.00	1 item	18.00	1 item (100%)	
Stationery, Seal & Stamps	1 item	7.00	1 item	7.00	1 item (100%)	
Printing & Publication	1 item	5.00	1 item	5.00	1 item (100%)	
Repair and Maintenance of existing Vehicles	1 item	8.00	1 item	8.00	1 item (100%)	
Sub Total (a)		50.00		50.00	(100.00%)	
(b) Capital Component						
(i) Acquisition of asset						
Purchase of Jeep (2350 cc, 5 door) - 1 No.	Each	52.80	1 No	52.80	1 No (100%)	
(ii) Construction of Works						
River bank protection work at 11 Nos. places of Sujanagar Upazilla. (3.315 km)	Km	5561.55	3.315 km	4743.82	3.315Km (100%)	Contract value was less than estimated cost.
River bank protection work at Raghunathpur in Bera Upazilla from Km-0.00 to km- 3.520=3.520km and River bank protection work at Raghunathpur to Kazirhat in Bera Upazilla from km-6.000 to km-9.000=3.000m. (6.520 km)	Km	15422.28	6.520 km	13751.87	6.520 km (100%)	Contract value was less than estimated cost.
Dredging of Jamuna river from Nagarbari to Kazirhat km- 0.00 to km - 9.00 (5.37 lakh cum)	Km	650.00	-	-	-	This item was not required as per recommendation of the technical committee and the decision of the 9th Steering Committee (Annex-1)
O & M during Construction	1 item	50.00	-	-	-	Not Required
Sub Total (b)		21736.63	-	18548.49	96.05%	
Sub-Total (a+b)		21786.63	-	18598.49	96.10%	
(c) Physical Contingency	LS	20.00	LS	-	-	Not Required
(d) Price Contingency	LS	100.00	LS	-	-	Not Required
Grand Total (a+b+c+d)		21906.63	100.00%	18598.49	96.10%	

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. Ali Akhbor Superintending Engineer Taka 50000 - 71200 (as per 8th National Pay Scale)	No	Yes	Yes	17-01-2010	01-06-2011	
Somir Kumar Bhattacharja Superintending Engineer Taka 50000 - 71200 (as per 8th National Pay Scale)	No	Yes	Yes	02-06-2011	16-07-2013	
Md. Kobibur Rahman Executive Engineer Taka 43000 - 69850 (as per 8th National Pay Scale)	No	Yes	No	17-07-2013	16-11-2015	
Md. Anisul Islam Superintending Engineer Taka 50000 - 71200 (as per 8th National Pay Scale)	No	Yes	Yes	30-12-2015	15-03-2016	
Muhammad Amirul Haq Bhuiya Superintending Engineer Taka 50000 - 71200 (as per 8th National Pay Scale)	No	Yes	Yes	15-05-2016	To date	

07. Procurement of Transport (in Nos.):

Type of transport	Number as per P.P.	Procured with date	Transfere d to Transport Pool with date	Transferred to O & M with date	Condemned/ damaged with date	Remark s
1	2	3	4	5	6	7
Car	-	-	-	-	-	-
Jeep	1	31-07-12	-	01-07-17	-	-
Microbus	-	-	-	-	-	-
Minibus	-	-	-	-	-	-
Bus	-	-	-	-	-	-
Pick-up	-	-	-	-	-	-
Truck	-	-	-	-	-	-
Motor Cycle	-	-	-	-	-	-
By-cycle	-	-	-	-	-	-
Speed Boat	-	-	-	-	-	-
Launch	-	-	-	-	-	-
Others with name	-	-	-	-	-	-

08. Procurement of Goods, Works and Consultancy Services:

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

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in Lakh 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
Supply of Geo-bag (175 kg) for river bank protection at Raghunathpur from km 0.000 to km 1.000.	1063.80	1063.80	24-02-11	22-06-11	01-01-12	30-06-13
River bank protection work with end termination at Raghunathpur from km 0.000 to km 0.200.	765.39	688.22	24-02-11	05-07-11	01-02-12	30-06-14
Supply of Geo-bag (175 kg) for river bank protection at Raghunathpur from km 1.000 to km 1.520.	489.72	492.71	24-02-11	22-06-11	01-02-12	30-06-13
River bank protection work at Raghunathpur from km 1.200 to km 1.400.	203.12	203.12	24-02-11	05-07-11	01-02-12	25-06-14
Supply of Geo-bag (175 kg) for river bank protection at Raghunathpur from km 1.520 to km 2.020.	397.58	397.58	24-02-11	22-06-11	01-01-12	30-06-13
Supply of Geo-bag (175 kg) for river bank protection at Raghunathpur from km 2.020 to km 2.520.	402.82	402.82	24-02-11	15-06-11	01-01-12	30-06-13

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in Lakh 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
Supply of Geo-bag (175 kg) for river bank protection at Pokkhirmor.	404.99	404.99	30-01-11	15-06-11	01-01-12	29-04-15
River bank protection work at Pokkhirmore from km 0.000 to km 0.600.	517.85	517.85	30-01-11	14-07-11	29-02-12	30-06-14
Supply of Geo-bag (175 kg) for river bank protection at Sindurpur & Majhpara.	404.99	404.99	30-01-11	15-06-11	01-01-12	31-03-16
Supply of Geo-bag (175 kg) for river bank protection at Raypur & Malifa.	378.07	378.07	30-01-11	06-04-11	01-01-12	01-01-12
Supply of Geo-bag (175 kg) for river bank protection at Malfia.	270.00	270.00	30-01-11	15-06-11	01-01-12	04-05-14
River bank protection work at Sindurpur & Majhpara from km 0.000 to km 0.100 & from km 0.000 to km 0.500.	486.50	486.50	30-01-11	16-02-15	29-02-12	28-06-13
River bank protection work at Sindurpur & Majhpara from km 0.000 to km 0.100 & from km 0.000 to km 0.500. (Remaining Work of BERA/RBP-09)	231.28	224.30	27-09-15	22-11-15	28-06-16	23-03-17
River bank protection work at Raypur & Malifa from km 0.000 to km 0.165 & from km 0.000 to km 0.400.	500.05	500.05	30-01-11	17-07-11	29-02-12	22-05-14
River bank protection work at Malfia from km 0.000 to km 0.400.	351.30	351.30	30-01-11	14-07-11	29-02-12	15-06-16
River bank protection at Raghunathpur from km 1.520 to km 2.020.	660.68	660.68	04-04-13	21-07-13	15-06-14	31-05-17
River bank protection at Raghunathpur from km 2.020 to km 2.520.	665.30	665.19	04-04-13	23-06-13	15-06-14	30-06-17
Supply of Geo-bag (175 kg) for river bank protection at Raghunathpur from km 8.500 to km 9.000.	459.75	459.75	04-04-13	18-07-13	31-05-14	26-05-15
River bank protection work with end termination at Raghunathpur from km 8.500 to km 9.000.	963.71	963.71	04-04-13	21-07-13	15-06-14	30-05-15

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Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in Lakh 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
Supply of Geo-bag (175 kg) for river bank protection at Goariabazar & Nayagram.	288.99	288.99	04-04-13	18-07-13	31-05-14	31-03-16
River bank protection at Goariabazar & Nayagram 550m.	764.79	764.79	04-04-13	10-07-13	15-06-14	18-02-17
River bank protection at Raghunathpur from km 2.520 to km 2.970.	983.28	926.61	09-11-14	16-02-15	30-06-15	31-05-17
River bank protection at Raghunathpur from km 2.970 to km 3.430.	965.98	883.61	12-11-14	15-02-15	30-06-15	15-06-16
River bank protection at Raghunathpur from km 3.430 to km 3.520 & km. 6.000 to km. 6.090 = 180m (2 Nos. Termination Point).	975.65	1014.85	16-11-14	17-02-15	30-06-15	30-06-17
River bank protection at Raghunathpur from km 6.090 to km 6.550.	990.94	884.69	19-11-14	16-02-15	30-06-15	30-06-17
River bank protection at Raghunathpur from km 6.550 to km 7.000.	969.39	875.12	23-11-14	17-02-15	30-06-15	30-06-17
River bank protection at Kamarhat 100m. & Gopalpur 200m. total 300m.	596.81	514.61	30-11-14	09-02-15	30-06-15	29-06-17
33. River bank protection at Nazirgonj 300m.	597.21	515.04	01-12-14	09-02-15	30-06-17	29-06-17
River bank protection work at Raghunathpur from km 7.000 to km 7.375.	895.49	709.55	11-05-15	06-08-15	20-06-16	31-05-17
River bank protection work at Raghunathpur from km 7.375 to km 7.750.	893.42	692.72	12-05-15	06-08-15	20-06-16	20-03-17
River bank protection work at Raghunathpur from km 7.750 to km 8.125	891.25	662.74	13-05-15	06-08-15	20-06-16	31-05-17
River bank protection work at Raghunathpur from km 8.125 to km 8.500.	886.07	640.11	14-05-15	06-08-15	20-06-16	20-03-17



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
2010-11	3715.34	3715.34	-	18.49%	199.46	199.46	-	0.91%
2011-12	8613.31	8613.31	-	42.87%	2499.70	2499.70	-	11.41%
2012-13	7760.60	7760.60	-	38.64%	2799.99	2799.99	-	12.78%
2013-14	-	-	-	-	2200.00	2200.00	-	10.05%
2014-15	-	-	-	-	6670.76	6670.76	-	30.45%
2015-16	-	-	-	-	6752.41	6752.41	-	30.82%
2016-17	-	-	-	-	784.31	784.31	-	3.58%
Total=	20089.25	20089.25	-	100.00%	21906.63	21906.63	-	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
2010-11	200.00	200.00	-	1.00%	200.00	199.46	199.46	-	1.00%
2011-12	2500.00	2500.00	-	12.44%	2500.00	2499.70	2499.70	-	12.45%
2012-13	2800.00	2800.00	-	13.94%	2800.00	2799.99	2799.99	-	13.94%
2013-14	2200.00	2200.00	-	10.95%	2200.00	2199.98	2199.98	-	10.96%
2014-15	2000.00	2000.00	-	13.05%	2000.00	1999.98	1999.98	-	12.27%
2015-16	6000.00	6000.00	-	27.39%	6000.00	6000.00	6000.00	-	28.15%
2016-17	3100.00	3100.00	-	21.23%	3100.00	2899.38	2899.38	-	17.33%
Total =	18800.00	18800.00	-	100.00%	18800.00	18598.49	18598.49	-	96.10%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
(a) To protect the Sindurpur, Majhpara, Raypur, Malfia, Malifa, Goaribazar. Nayagram, Kamarhat, Gopalpur, Nazirgonj in Upazila Sujanager from Left Bank erosion of Padma river and Right Bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Paban District.	(a) Actual achievement is same as that of mentioned at Objectives as per PP by implementation of 9.835 km of river bank protective work.	(a) No shortfall.
(b) To protect the Sindurpur, Majhpara, Raypur, Malfia, Malifa, Goaribazar. Nayagram, Kamarhat, Gopalpur, Nazirgonj in Upazila Sujanager from Left Bank erosion of Padma river and Right Bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Paban District.	(a) Actual achievement is same as that of mentioned at Objectives as per PP by implementation of 9.835 km of river bank protective work.	(a) No shortfall.
Objectives as per PP	Actual achievement	Reasons for shortfall, if any

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
(c) To reduce enviromental degradations due to river erosion in that area and provide stable environment for development in the areas adjacent to protect river bank.	(a) Actual achievement is same as that of mentioned at Objectives as per PP by implementation of 9.835 km of river bank protective work.	(a) No shortfall.
(d) To save huge public and private properties dispersed the said erosion prone area with approximate total worth of TK. 150567.00 lakh will suppose ntobe saved from river bank erosion.	(a) Actual achievement is same as that of mentioned at Objectives as per PP by implementation of 9.835 km of river bank protective work.	(a) No shortfall.

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) River bank protection work at 11 Nos. places of Sujanagar Upazilla. (3.315 km).	Meter	3315 meter	3315 meter
(b) River bank protection work at Raghunathpur in Bera Upazilla from Km-0.00 to km-3.520=3.520km and River bank protection work at Raghunathpur to Kazirhat in Bera Upazilla from km-6.000 to km-9.000=3.000m. (6.520 km)	Meter	6520 meter	6520 meter

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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 = 1.86: 1 (ii) Economic = 2.47 : 1	Actual Cost / Benefit Will be evaluated later by BWDB's concern office & IMED.
(2) Internal Rate of Return (i) Financial (ii) Economic	(2) Internal Rate of Return (i) Financial = 23.78% (ii) Economic = 28.58%	

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

No Shortfall Found.

F. MONITORING AND AUDITING**0.1 Monitoring:**

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Ministry / Agency:			
Muhammad Hiruzzaman Deputy Secretary, MoWR.	10-01-16 to 11-01-16	No major problems identified.	Not Available.
Md. Siddikur Rahman Assitant Chief, MoWR.	13-11-15 to 14-11-16	No major problems identified.	Not Available.
A.K.M Momotaz Uddin Chief Engineer, North-Western Zone.	29-05-15	1. Casting was not complete in top pitching. 2. Presence of old shutters.	To remove old shutters from the work site.
Md. Afjal Hossain ADG, BWDB.	12-04-14	Slow progress in construction of End Termination of RBP-44.	1. Proper curing. 2. Construction of End Termination of RBP- 44 should be completed in due time.

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Sayeed Ahsan Ali Chief Engineer, North-Western Zone	15-10-12	Lack of progress in CC blocks pitching.	Proper Geo bag dumping should be completed as per design before cc block pitching.
Md. Afjal Hossain Chief Engineer, North-Western Zone	12-05-12	CC block stacking in danger due to river bank erosion.	Speeding in Dumping of CC block.
IMED :			
Md. Shamimul Hoque Assistant Chief	02-01-13 to 03-01-13	No major problems identified.	Not Available.

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
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
2010-2011	01-08-2012	ডিপিপি এর প্রতিশনের অতিরিক্ত ১,৮০,০০০/- টাকা ব্যয়ে জিপ গাড়ি ক্রয়ে অনিয়মিত ব্যয়।	Not Resolved
2010-2011	01-08-2012	যোগসাজগের মাধ্যমে প্রাক্কলিত মূল্য অপেক্ষা অতিরিক্ত উপরদরে কার্যাদেশ প্রদানে বোর্ড এর ৮,৩৩,১৮,৭৬৫/- টাকা ক্ষতি।	Not Resolved
2012-2013	16-03-2014	জিও ব্যাগ গণনার ১০ দিন পূর্বেই ডাম্পিং দেখিয়ে বিল পরিশোধে সরকারের ৮,১২,৬৪১/- টাকা অনিয়মিত ব্যয়।	Not Resolved
2012-2013	16-03-2014	টাক্স ফোর্স কর্তৃক জিও ব্যাগ গণনার অতিরিক্ত ডাম্পিং দেখিয়ে বিল পরিশোধে জড়িত অর্থ ৪৮,৫৮,৪১৫/- টাকা।	Not Resolved
2012-2013	16-03-2014	মন্ত্রণালয়ের নির্দেশ উপেক্ষা করে ডাম্পিং কমিটির সদস্যদের উপস্থিতি ও সম্মতি ছাড়াই সিসি ব্লক ও জিও ব্যাগ ডাম্পিং দেখিয়ে মেজারমেন্ট বিল পরিশোধ করা হয়েছে। জড়িত অর্থ ৩,১৮,৪২,৯১৩/- টাকা।	Resolved
2012-2013	16-03-2014	অনুমোদিত প্রাক্কলনে জিও ব্যাগ ১০% স্টকপাইল রাখার নির্দেশ থাকলেও তা না রেখে জিও ব্যাগ ডাম্পিং দেখিয়ে মেজারমেন্ট রেকর্ড করতঃ বিল পরিশোধে সরকারের ৪৮,১৯,৪৮৩/- টাকা আর্থিক ক্ষতি।	Not Resolved
2012-2013	16-03-2014	অনুমোদিত প্রাক্কলনে জিও ব্যাগ ১০% স্টকপাইল রাখার পরিবর্তে সম্পন্ন ডাম্পিং দেখানোর ফলে সরকারের ২৪,০৪,২২৯/- টাকা আর্থিক ক্ষতি।	Not Resolved
2012-2013	16-03-2014	অনুমোদিত প্রাক্কলনে সিসি ব্লক ১০% স্টকপাইল রাখার নির্দেশ থাকলেও তা না রেখে সিসি ব্লক ডাম্পিং দেখিয়ে মেজারমেন্ট রেকর্ড করতঃ বিল পরিশোধে সরকারের ৬,০০,৪৩০/- টাকা আর্থিক ক্ষতি।	Not Resolved
2013-2014	21-04-2015	নদী তীর সংরক্ষন মূলক কাজে ব্যবহারের জন্য সরবরাহকৃত মালামালের গুণগত মান পরীক্ষা ব্যতীত ঠিকাদারকে অনিয়মিত ভাবে ২১,১৩,৭২,৯৪০/- টাকা পরিশোধ।	Not Resolved

১

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections Resolved or not.
1	2	3	4
2014-15	03-12-2015	সিপিটিউ এর ওয়েব সাইটে দরপত্র বিজ্ঞপ্তি প্রকাশ না করেই ৩৫,১৪,১৪,১৯৫/- টাকার চুক্তি সম্পাদন।	Not Resolved
2014-15	03-12-2015	অর্থ মন্ত্রণালয়ের আদেশ অমান্য করে জুন মাসে হস্ত রশিদের মাধ্যমে অনিয়মিত ভাবে ৩,৬৫,০০,০০০/- টাকা পরিশোধ।	Not Resolved

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background:

At Sujanagar Upazila

The project area was dispersed at Sindurpur, Pakkirmore, Majhpara, Raipur, Malifa, Malfia, Goaria Bazar, Nayagram, Kamarhat, Gopalpur And Nazirgonj Under Sujanagar Upazila of Pabna district from left bank erosion of the Padma river. Sathbaria & Nazirgonj were important business center in the region which contributed socio-economic enhancement in the areas. Those said areas were under severe threat from left bank erosion of the Padma River.

About 20.00 km flood control embankment along the left bank of the Padma river was constructed during 1982-1985 from Harding Bridge to Nagarbari Ghat of Pabna district in order to stop over bank spill of Padma river during monsoon flood towards adjacent low lying area. The F.C Embankment of PIRDP was threatened due to devastating river erosion of Padma river at Sindurpur, Pakkirmore, Majhpara, Raipur, Malifa, Malfia, Goaria Bazar, Nayagram, Kamarhat, Gopalpur And Nazirgonj Under Sujanagar Upazila of Pabna district.

River erosion occurred since 2003 in the said locations with a huge loss of immovable properties and human hazards. Besides Sujanagar to Nazirgonj, Roypur bazar area known as D.C Road in the area became endangered due to continuous erosion of the river. In that situation, road communication of 6-7 unions of Sujanagar Upazila was threatened to be disrupted due to river bank erosion. 3315 meters length of bank line was engulfed into the river and endangered F.C embankment of PIRDP. During the monsoon season of 2007 & 2008 erosion became most devastating and it is apprehended that erosion rate could be increased further in monsoon season.

In the above circumstances, it was necessary to initiate immediate protective measures against river erosion at this vulnerable area. Other wise various important establishments located in the

vicinity of the area were threatened to be engulfed into the river. There was a long standing social demand for the safety of lives & properties against river erosion hazard. In the backdrop, the proposed project was formulated to protect the river from the erosion 3315 meters bank revetment work along the left bank of the Padma River.

At Bera Upazilla

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 shifting of channels. Along the Brahmaputra- Jumuna River, average erosion rates are 100m/year, but sometimes it increases to as high as 800m/year in case of severe floods. The bank erosion along this river system has deleterious social and economic impacts leading to loss of land and property, environmental degradation and human hazards.

Raghunathpur of Bera Upazila location 1.00km down of Nagarbari Ghat along the right Bank of Jamuna river was under threat of erosion. High Officials of Bangladesh Army from Bogra Contortment, C.E/Northern Zone, BWDB, Rajshahi, Additional Chief Engineer, R&H, Rajshahi visited the area in the month of July/2008 when devastating river erosion started at this area. An inter department meeting was held at Rest House of R&H, Kashinathpur taking the decision of temporary protective measures immediately & later permanent protective measures to be implemented. Accordingly, R&H had taken temporary measure by bullah piling & Sand filled Synthetic Bag while BWDB prepared design & drawing for permanent protective work to stabilize the bank erosion at Raghunathpur. However, devastating river erosion of Raghunathpur village extended to 1520.00m at the end of flood season in 2008. So, 1520m permanent protective work was needed to be constructed to protect the area from devastating river erosion.

Another part of the project area was situated at Raghunathpur, protappur, Notakola, Khanpura, Rajdhardia and Kazirhat Ferry Ghat. Due to the morphological changes of the Jamuna River, the area is seriously threatened by river erosion. During last 5 years, 1-2 km area had been engulfed by the river. The continuation of river erosion in this way could cause the eradication of the Pabna District main flood embankment called Mujib badh. To protect the area 5500m protective work from km 1.520 to km 3.770 and km 5.750 to km 9.000 had been recommended by the technical committee constituted by the Board. The technical committee did not recommend implementing protective work from km 3.770 to km 5.750 because a permanent char was developing in this area.



1.2 Justification/Adequacy:

The project is justified as the background stated above prompted BWDB to take up the project for implementation.

1.3 Objectives:

- To protect the Sindurpur, Majhpara, Raypur, Malfia, Malifa, Goaribazar, Nayagram, Kamarhat, Gopalpur, Nazirgonj in Upazila Sujanagar from Left Bank erosion of Padma river and Right Bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Paban District.
- To safeguard segment of existing F.C. Embankment of PIRDP East-West interlinked transmission line at Kazirhat and vast irrigable land potential for agricultural production as well as valuable establishments in the area from erosion of the river Padma and Jamuna.
- To reduce enviromental degradations due to river erosion in that area and provide stable environment for development in the areas adjacent to protect river bank.
- To save huge public and private properties dispersed the said erosion prone area with approximate total worth of TK. 150567.00 lakh will suppose to be saved from river bank erosion.

1.4 Project revision with reasons:

The original DPP of “River Bank Protective Work of Left Bank Erosion of the River at Different Places in Sujanagar Upazila and Right Bank Erosion of Jamuna River from Nagarbari to Kazirhat in Bera Upazila & Pabna district” was approved by the ECNEC; vide memo no. 20.811.014.17.00.047.2010-2011-287 date 26.12.2010. The Administrative approval letter was issued by MoWR vide memo no.42.041.014.01.00.013.2010-02 dated 05-01-2011. As per approved DPP total cost was Tk. 20089.25 lakh and the implementation period was from January, 20011 to June 2013. The physical and financial progress of the project is 38.32% and Tk.7699.15 lack respectively up to June 2014.

The original DPP was prepared in August 2010 using the approved schedule of rate effective from July 2009. Whereas the revised DPP is being prepared in September 2013 using the approved schedule of rate effective from July 2012. Due to the variation of Schedule of rates the estimated cost of all civil work items more or less increased. On the other hand river course abruptly changeing its scouring depth and velocity for which working designs have been changed. Due to insufficient fund allocation, the implementation period has extended up to June 2017. Due to the increased schedule of rate, change of working design (reason: morphological changes) use of stone chips instead of stone shingles, the cost of work increased. As such the estimated cost of the project has been increased by 9.05%. Due to Morphological changes of Jamuna River bank protective work (from km 3.520 to km 3.770 & km 5.750 to km 6.000) =500 meter was no more required because of heavy siltation. Though the total length of

protective work decreased by 500.00m, yet total project cost has been increased due to increase of schedule of rate, changed in working design, use of stone chips instead of stone shingles.

RDPP has been prepared according to the decisions of Steering Committee Meeting of MoWR held on 19.02.2013. After that RDPP has been recasted according to the decision of the Rationalization Meeting held on 19-01-2014. The project was justified as the background stated above prompted BWDB to take up the project for implementation.

2. 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 effect. River bank erosion in alluvial lands of Bangladesh is a complex and dynamic thrust of nature due to the 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 the recurrence of floods every year.

The large seasonal variation in river flow results in varying sediment transportation capacity and caused immense damages impacted by the occurrence of devastating river erosion. This has significant social and economic impacts. 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. over the period of 1982-1992. The net area of 87,000 ha. lost to erosion was equivalent to an annual erosion rate of 8,700ha.

In this context, there has 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 has been given due importance in the national planned documents for water sector and prioritized strategic location 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 the safety of lives & properties around the area. Throughout the erection of proposed bank revetment work, the safety of vast tract of agricultural lands and other immovable properties total worth of 150567.00 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 in working time, all design of the works reviewed on the basis of latest river morphology, location and time.

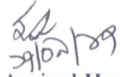
6. Remarks & Recommendations of the Project Director:

The river Jamuna and the Padma are the one of the most erosion prone river in Bangladesh. Bera and Sujanagar Upazila of Pabna district were seriously affected by the bank erosion of these two rivers. To protect Sindurpur, Majhpara, Raipur, Malfia, Malifa, Goaribazar, Nayagram, Kamarhat, Gopalpur, Nazirgonj in Upazila Sujanagar from Left bank erosion of Padma river and Right bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Paban District, "River Bank protective work of left bank erosion of the Padma river at different places in Sujanagar Upazila and right bank erosion of Jamuna river from Nagarbari to Kazirhat in Bera Upazila of Pabna district (1st Revised)" project was approved in ECNEC held on 26-12-2010. After the successful implementation of this project, the project area has been protected vulnerable areas from severe erosion of the river Padma and Jamuna. The safety of the public and private moveable as well as the immovable assets along the left bank of Padma River and the Right bank of Jamuna River has been increased. The socio-economic condition of the people has been improved. Scopes of new jobs & works have been created. The safety of human livelihood and properties has also been improved. The project will also contribute in attaining national self-sufficiency in food grains.

The implementation of dredging component was not required as per report of the technical committee and decision of the 9th Steering Committee and it will not hinder the desired benefit of the project.

Proper monitoring and regular maintenance of the revetment works and other necessary components should be continued to ensure the sustainability of the project. Otherwise, the benefit of the project might be hampered.

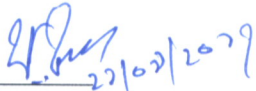
Date:


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

7. Remarks/Comments of Agency Head

A part of Sujanagar & Bera Upazila of Pabna district have been protected from devastating left bank erosion of Padma river and right bank erosion of Jamuna river respectively through this project. Also this project provides safeguard to the segment of existing flood control embankment of Pabna Irrigation project and many valuable and vulnerable establishments of immense value on the project area. Nearly, 2000 Hec agricultural land to net worth 150563 lac taka have been protected. Hence, this project is a success based on physical output.

Date:


Signature and Seal

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

(Md. Mahfuzur Rahman)
Director General
BWDB, Dhaka.

Date:

Signature and Seal

Annex-1

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পানি সম্পদ মন্ত্রণালয়
উন্নয়ন-৩ শাখা
বাংলাদেশ সচিবালয়, ঢাকা
www.mowr.gov.bd

২৬২/১

ম/প তারিখঃ ২৬/১

১. অসপ (পূর্ব/পাট/পরি/প্রশাসন/অর্থ)/ প্রধান (পরি/মানি)

২. অনুগৃহীত অবগতির জন্য প্রেরণ করা হলো।

- * বিধি মোতাবেক ব্যবস্থা নিন।
- * পত্রের মর্মানুসারে প্রতিবেদন পেশ করুন।
- * পরীক্ষা করে পেশ করুন।
- * তদন্ত করে মতামত সহ প্রতিবেদন দিন।
- * সভায় যোগদান করুন এবং কার্যবিবরণী অবস্থিত করুন।
- * আলোচন করুন।

বিষয়টি : “পাবনা জেলার সুজানগর উপজেলার বিভিন্ন স্থানে পদ্মা নদীর বামতীরে ভাঙন রোধ এবং বেড়া উপজেলার নগরবাড়ী হইতে কাজিরহাট পর্যন্ত যমুনা নদীর ডানতীরে ভাঙন রোধ” শীর্ষক প্রকল্পের স্টিয়ারিং কমিটির ৯ম সভার কার্যবিবরণী।

২৭ ডিসেম্বর ২০১৬ তারিখ সকাল ১১.৩০ ঘটিকায় “পাবনা জেলার সুজানগর উপজেলার বিভিন্ন স্থানে পদ্মা নদীর বামতীরে ভাঙন রোধ এবং বেড়া উপজেলার নগরবাড়ী হইতে কাজিরহাট পর্যন্ত যমুনা নদীর ডানতীরে ভাঙন রোধ” শীর্ষক প্রকল্পের স্টিয়ারিং কমিটির ৯ম সভা পানি সম্পদ মন্ত্রণালয়ের সিনিয়র সচিব ড. জাফর আহমেদ খান এর সভাপতিত্বে মন্ত্রণালয়ের সভাকক্ষে অনুষ্ঠিত হয়। সভায় উপস্থিত কর্মকর্তাগণের নামের তালিকা পরিশিষ্ট “ক”তে দেখানো হল।

০২। সভাপতি উপস্থিত সকলকে স্বাগত জানিয়ে সভার কাজ আরম্ভ করেন। সভাপতির অনুমতিক্রমে জনাব মনু কুমার বিশ্বাস, যুগ্ম প্রধান, পানি সম্পদ মন্ত্রণালয় প্রকল্পের পটভূটি নিয়ে আলোচনা করেন। তিনি বলেন, প্রকল্পটি চলতি অর্থ বছরে সমাপ্তির জন্য নির্ধারিত আছে এবং নির্ধারিত সময়ের মধ্যে প্রকল্পের সমুদয় কাজ সম্পন্ন করতে হবে। অতঃপর তিনি প্রকল্প পরিচালককে প্রকল্পের অগ্রগতির বিষয় উপস্থাপনের জন্য আহ্বান জানান। সভাপতির অনুমতিক্রমে জনাব মুহা: আমিরুল হক ভূঞা, প্রকল্প পরিচালক ও তত্ত্বাবধায়ক প্রকৌশলী, পাবনা পওর সার্কেল, বাংলাদেশ পানি উন্নয়ন বোর্ড, পাবনা প্রকল্পের অগ্রগতি, বর্তমান অবস্থা, প্রকল্প বাস্তবায়নে সমস্যা ও সমাধানের উপায় সম্পর্কে বিস্তারিতভাবে সভায় উপস্থাপন করেন। তিনি সভাকে জানান যে, প্রকল্পের সার্বিক অগ্রগতি ৮১.১১%। প্রকল্পের মোট ৩৭টি প্যাকেজের মধ্যে ১৮টি প্যাকেজের কাজ সমাপ্ত হয়েছে (৩.৩৩০ কিঃমিঃ) এবং অবশিষ্ট ১৯টি প্যাকেজের কাজ (৬.৫০৫ কিঃমিঃ) চলমান আছে। চলমান কাজের ৬৮% সম্পন্ন হয়েছে এবং ৩২% কাজ অবশিষ্ট রয়েছে। অবশিষ্ট কাজসমূহ নির্ধারিত সময়ের মধ্যে সম্পন্ন করা সম্ভব হবে। যমুনা নদীতে ড্রেজিং (২টি প্যাকেজ) এর বিষয়ে জানতে চাওয়া হলে প্রকল্প পরিচালক বলেন, বাংলাদেশ পানি উন্নয়ন বোর্ড কর্তৃক গঠিত কারিগরি কমিটি ড্রেজিংয়ের বিষয়ে নিম্নোক্ত মতামত প্রদান করেছেন :

“বর্ণিত স্থানে ড্রেজিং না করে আপাততঃ পর্যবেক্ষণ করা যেতে পারে। এক্ষেত্রে পর্যবেক্ষণ অনুযায়ী auto-dredging এর মাধ্যমে নদী গভীর হওয়ার প্রক্রিয়া চলমান থাকলে dredging এর প্রয়োজন হবে না। যদি পুনরায় siltation প্রক্রিয়া শুরু হয় তাহলে পরবর্তীতে dredging এর বিষয়টি বিবেচনা করা যেতে পারে”।

০৩। প্রকল্পে আর কোন সমস্যা আছে কিনা সে সম্পর্কে জানতে চাওয়া হলে প্রধান প্রকৌশলী, উত্তর-পশ্চিমাঞ্চল, বাংলাদেশ পানি উন্নয়ন বোর্ড, রাজশাহী সভাকে জানান যে, ২০১৬ সনের বর্ষা মৌসুমে প্রকল্পের সুজানগর উপজেলার মালিফা নামক স্থানে প্যাকেজ নং ১০ এর বাস্তবায়িত প্রতিরক্ষামূলক কাজের ৮০.০০ মিটার অংশের কাজ ক্ষতিগ্রস্ত হয়েছে। জরুরি ভিত্তিতে উক্ত স্থান মেরামত করা প্রয়োজন। তিনি আরো জানান, বর্ণিত প্যাকেজটি অসমাপ্ত অবস্থায় Terminate করতে হয়েছে। সভাপতি উক্ত প্যাকেজের সাশ্রয়কৃত অর্থ, প্রকল্পের নির্মাণকালীন রক্ষণাবেক্ষণের ব্যয় এবং stock pile এর মাধ্যমে ক্ষতিগ্রস্ত অংশের পুনঃনির্মাণ কাজ বাস্তবায়ন করা যেতে পারে মর্মে মত প্রকাশ করেন। তিনি আরো বলেন, প্রয়োজনে প্রকল্পের আন্তঃখাত সমন্বয়ের মাধ্যমে অন্য প্যাকেজের উদ্বৃত্ত অর্থ দ্বারা কাজটি বাস্তবায়ন করা যেতে পারে। যেহেতু প্রকল্পটি সমাপ্তির জন্য নির্ধারিত তাই সকল ভৌত কাজ দ্রুত সম্পন্ন করতে হবে।

০৪। প্রকল্পের অনুকূলে ২০১৬-২০১৭ অর্থ বছরে এডিপিতে ৫০০০.০০ লক্ষ টাকা বরাদ্দ প্রদান করা হয়েছে। প্রকল্প সমাপ্ত করতে আর কোন বরাদ্দের অতিরিক্ত অর্থের প্রয়োজন হবে কিনা জানতে চাওয়া হলে প্রকল্প পরিচালক সভাকে জানান যে, নতুন করে অতিরিক্ত অর্থের প্রয়োজন হবে না; বরং চলতি অর্থ বছরে এডিপিতে যে বরাদ্দ আছে সেখান থেকে কিছু অর্থ সাধ্য হবে।

ডায়েরী নং- ২০৬ তারিখঃ ২৫/১২/১৭

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➤ জরুরী/অতি জরুরী/আলাপ করুন/মতামত দিন/প্রয়োজনীয় ব্যবস্থা নিন/তাপাকা দিন/নথিতে পেশ করুন/নথিতে রাখুন।

১৭/১২/১৭ অতিঃ মহাপরিচালক(পঃ রিঃ)

অপর পৃষ্ঠা দ্রষ্টব্য

