



BANGLADESH WATER DEVELOPMENT BOARD

PROJECT COMPLETION REPORT

IMED FORM NO. 04/2003 (REVISED)

NAME OF PROJECT: PROTECTION OF SHAGHATA BAZAR AND ADJACENT AREA FROM THE EROSION OF JAMUNA RIVER UNDER SHAGHATA UPAZILA OF GAIBANDHA DISTRICT AND PROTECTION LEFT BANK OF THE BRAHMAPUTRA RIVER AT SHAHIBER ALGA (NEAR BOP CAMP) IN DATBHANGA UNION UNDER ROUMARI UPAZILA OF KURIGRAM DISTRICT (1st Revised)

**DIVISION : (a) GAIBANDHA O&M DIVISION, BWDB, GAIBANDHA
(b) KURIGRAM O&M DIVISION, BWDB, KURIGRAM**

CIRCLE : RANGPUR O&M CIRCLE-1, BWDB, RANGPUR

ZONE : NORTHERN ZONE, BWDB, RANGPUR

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 Shaghata Bazar and Adjacent Area from the erosion of Jamuna river under Shaghata Upazilla of Gaibandha District and protection left bank of the Brahmaputra river at Shaheber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazilla of Kurigram District (Revised).”
02. **Administrative Ministry/Division:** - Ministry of Water Resources.
03. **Executing Agency** : Bangladesh Water Development Board.
04. **Location of the Project** : Shagata Bazar in Upazilla- Shaghata, District-Gaibandha
& Shaheber Alga (BOP Camp) in Upazilla- Roumari, Dist:-Kurigram.
05. **Objective of the Project** :

Shaghata Bazar Part (Gaibandha District):

- To protect 7000 hac. Area with immovable properties, worth value TK. 106070.00 lakh dispersed in Shathalia,(Etakuri), Hasilkandi, Hatbari(chalkpara), chinirpotol of Shaghata sadar Union & Ghuridaha Union of Shaghata Upazilla from devastating right bank erosion of the river of Jamuna.

Shahiber Alga (Near BOP) Part (Kurigram Distict) :

- To protect territory of Bangladesh (border area) near BOP at shahiber Alga and adjacent area under Roumari Upazilla in the District of Kurigram from left bank erosion of the Brahmaputra river. Huge public and private properties dispersed around the said erosion prone area with approximate total worth of TK. 38177.00 lakh will suppose to be saved.

06. **Estimated Cost** :

(In lakh Taka)

	Original	Latest Revised
(a) Total	17031.16	18691.80
(b) Taka	17031.16	18691.80
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. **Date of Approval** :

PCP	DPP
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(a) **Original** : - 07/12/2010

(b) **Latest Revised** : - 22/11/2015



08. Implementation :

	Date of Commencement	Date of Completion
(a) Original	October, 2010	June, 2013
(b) Latest Revised	October, 2010	June, 2015
(c) Actual	October, 2010	June, 2016

09. Financing Arrangement (Source-wise) :

9.1 Status of Loan/Grant

a) Foreign Financing :

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of Effective-ness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8
Not applicable							

b) GOB :

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
18691.80	-	18691.80	-

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
Not applicable						

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
Not applicable					

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, 2010 to June, 2013	October, 2010 to June, 2016	October, 2010 to June, 2016	109.09%	* Inadequate yearly fund release * Increase in scope of work as per field requirement. * Increase in market price of all construction materials during implementation

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	17031.16	18691.80	16769.13	The project expenditure didn't exceed original DPP cost.	
TAKA	17031.16	18691.80	16769.13		
PA	-	-	-		

03. Project Personnel :

Sanctioned strength as per DPP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per DPP	Existing manpower for O & M	Others	Male	Female
1	2	3	4	5	Male	Female
Officer (s)	-	13	12 (part)	-	Male	
Staff(s)	-	28	28 (Part)	-	Male	
Total :	-	41	40 (Part)	-	Male	

The Project is implemented by the existing manpower of BWDB. No separate manpower is engaged for the project.

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

Field of Training /Study tour/workshop/Seminer 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 DPP) :

(In lakh Taka)

Items of work (as per PP)	Unit	Target (as per RDPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Revenue						
Supplies & Services						
Petrol & Lubricant		11.00		11.00		
Gaibandha.	L.S	6.00	1 item	6.00	1 item	
Kurigram.	L.S	5.00	1 item	5.00	1 item	
Printing and Publications		4.25		3.11		
Gaibandha.	L.S	2.50	1 item	2.12	1 item	
Kurigram.	L.S	1.75	1 item	0.99	1 item	
Stationery, Seal and Stamp		5.00		4.90		
Gaibandha.		3.00	1 item	2.90	1 item	
Kurigram.		2.00	1 item	2.00	1 item	
Publicity and Advertisement (Kurigram.)		1.00	1 item	0.12	1 item	
Consultancy (Mathematical Model Study) (Gaibandha)		25.00	1 item			
Survey & Investigation		3.00		2.99		
Gaibandha.		1.50	1 item	1.49	1 item	
Kurigram.		1.50	1 item	1.50	1 item	
Repair & Maintenance of existing vehicles		9.00		8.97		
Gaibandha.		5.00	1 item	4.97	1 item	
Kurigram.		4.00	1 item	4.00	1 item	
Total (Revenue) =		58.25		31.09	53.37	
Capital						
GPS (Gaibandha)	Nos	0.50	2 nos	0.50	2 nos	
Computer with printer (Gaibandha)	Nos	2.25	3 nos	1.50	2 nos	
Furniture (Gaibandha)	1 item	3.00	1 item	2.97	1 item	
Tree plantation (including maintenance for 2 years) (Gaibandha)	1 item	4.50				
Construction Works:						
Embankment re-sectioning (Kurigram)	Km.	10.38	2.00 km.	10.38	2.00 km	
Bank Revetment work		18546.92		16685.72		
Gaibandha O&M Div:	m	13539.97	4798 m.	12039.45	4798 m.	
Kurigram O&M Div:	m	5006.95	2065 m.	4646.27	2065 m.	
O & M during construction	1 item.	37.00		36.97		
Gaibandha O&M Div:		30.00	1 item	29.97	1 item	
Kurigram O&M Div:		7.00	1 item	7.00	1 item	
Total (Capital) =		18604.55		16738.04		
Physical Contingency		9.00	1 item			
Price contingency		20.00	1 item			
Grand Total =		18691.80	100.00%	16769.13	99.05%	Enclosed Annexure-A mentioning progress of physical works.

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
Kazi Abu Bakkar Siddique	Full time	-	-	October/ 2010	25.03.2012	
Abu Md. Shafiul Azam	Full time	-	-	02.04.2012	25.11.2014	
Atiqur Rahman	Full time	-	Yes	26.11.2014	23.04.2015	
Babul Chandra Sheel	Full time	-	Yes	23.04.2015	18.06.2015	
Md. Lutfor Rahman	Full time	-	Yes	18.06.2015	13.01.2016	
Md. Harun-Ar-Rashid	Full time	-	Yes	13.01.2016	Till 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
Not Applicable.						

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/Propoal Cost (in Lakh Taka)		Tender/Bid/Proposal		Date of completion of works/services & supply of goods	
	As per RDPP	Contract value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Shaghata Part (Gaibandha Distict)						
Supplying non-woven needle punched geo-textile bag wt. = 250 Kg. at Shaghata Bazar under Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-01/2010-11)	273.77	273.77	17/04/11	15/06/11	13/09/11	31/05/14
Supplying non-woven needle punched geo-textile bag wt. = 250 Kg. at Shaghata Bazar under Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-02/2010-11)	275.63	275.63	17/04/11	19/06/11	06/09/11	30/06/13

Supplying non-woven needle punched geo-textile bag wt. = 250 Kg. at Shaghata Bazar under Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-03/2010-11)	273.77	273.77	17/04/11	15/06/11	12/09/11	30/06/13
Supplying non-woven needle punched geo-textile bag wt. = 175 Kg. at Shaghata Bazar under Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-04/2010-11)	503.11	503.11	17/04/11	15/06/11	12/06/11	30/06/13
Bank protection work from Km 89.392 to Km 89.850 = 458.00 m along the right bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-05/2010-11)	784.90	784.90	03/02/11	19/05/11	15/11/11	30/06/16
Bank protection work from Km 89.850 to Km 90.300 = 450.00 m along the right bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-06/2010-11)	675.42	675.42	03/02/11	26/05/11	27/11/11	25/06/16
Bank protection work from Km 90.300 to Km 90.750 = 450.00 m along the right bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. (Package No SGP-07/2010-11)	737.53	737.53	03/02/11	19/05/11	15/11/11	30/06/16
River Bank Protection of Jamuna River at Shaghata from Km 88.300 to Km 88.800 = 500m along the river bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-08/2011-12.	867.76	867.76	29/01/12	10/01/13	08/07/13	30/06/16
River Bank Protection of Jamuna River at Shaghata from Km 88.800 to Km 89.392 = 592m along the river bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-09/2011-12.	1027.83	1027.83	29/01/12	10/01/13	08/07/13	30/06/16
Supplying non woven needle punched geo-textile (empty) bag ... (Geo-bag Size; 1600mm x 850mm, geo-fabrics th=> 3.0mm, Fill Vol.= 0.1667 cum; wt= 250 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-10/2011-12.	296.51	296.51	29/01/12	16/10/12	13/04/13	25/06/16
Supplying non woven needle punched geo-textile (empty) bag .. (Geo-bag Size; 1600mm x 850mm, geo-fabrics th=> 3.0mm, Fill Vol.= 0.1667 cum; wt= 250 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-11/2011-12.	296.51	296.51	29/01/12	16/10/12	13/04/13	25/06/16
Supplying non woven needle punched geo-textile (empty) bag .. (Geo-bag Size; 1150mm x 800mm, geo-fabrics th= 3.0mm, Fill Vol.= 0.1167 cum; wt= 175 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-12/2011-12.	425.35	425.35	29/01/12	16/10/12	13/04/13	25/06/16
River Bank Protection of Jamuna River at Shaghata from Km 90.750 to Km 91.300 = 550 m along the river bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-13/2011-12.	863.57	863.57	30/01/12	10/01/13	08/07/13	30/06/16
River Bank Protection of Jamuna River at Shaghata from Km 91.300 to Km 91.800 = 500 m along the river bank of Jamuna river at Shaghata Bazar in Shaghata Upazilla of Gaibandha District under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-14/2011-12.	785.06	785.06	30/01/12	10/01/13	08/07/13	30/06/16

Supplying non woven needle punched geo-textile (empty) bag (Geo-bag Size; 1600mm x 850mm, geofabrics th=> 3.0mm, Fill Vol.= 0.1667 cum; wt= 250 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-15/2011-12.	285.20	285.20	30/01/12	06/01/13	04/07/13	30/06/16
Supplying non woven needle punched geo-textile (empty) bag (Geo-bag Size; 1600mm x 850mm, geofabrics th=> 3.0mm, Fill Vol.= 0.1667 cum; wt= 250 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-16/2011-12.	285.20	285.20	30/01/12	06/01/13	04/07/13	30/06/16
Supplying non woven needle punched geo-textile (empty) bag (Geo-bag Size; 1150mm x 800mm, geofabrics th= 3.0mm, Fill Vol.= 0.1167 cum; wt= 175 kg.) under Gaibandha O&M Division, BWDB, Gaibandha. Package No SGP-17/2011-12.	409.15	409.15	30/01/12	06/01/13	04/07/13	30/06/16
Bank Revetment work of Jamuna River at Shaghata from Km. 87.625 to Km. 87.765 = 140m and U/S End Termination 98.50m Total 238.50m, Package No, SGP-18/2014-15	849.13	761.50	15/12/14	15/12/14	27/06/15	28/06/16
Bank Revetment work of Jamuna River at Shaghata from Km. 87.765 to Km. 88.033 = 268m, Package No, SGP-19/2014-15	846.40	759.72	15/12/14	15/12/14	27/06/15	30/06/16
Bank Revetment work of Jamuna River at Shaghata from Km. 88.033 to Km 88.300 = 267 m, Package No, SGP-20/2014-15	843.24	771.08	15/12/14	15/12/14	27/06/15	30/06/16
Bank Revetment work of Jamuna River at Shaghata from Km. 91.800 to Km.92.020 = 220 m, Package No, SGP-21/2014-15	644.63	610.67	15/12/14	15/12/14	27/06/15	02/02/16
Bank Revetment work of Jamuna River at Shaghata from Km. 92.020 to Km. 92.240 = 220 m, Package No, SGP-22/2014-15	644.63	614.19	15/12/14	15/12/14	27/06/15	30/06/16
Bank Revetment work of Jamuna River at Shaghata from Km. 92.240 to Km. 92.423 = 183m and D/S End Termination 37.00m i.e. Total 220.00m, Package No, SGP-23/2014-15	645.63	579.04	15/12/14	15/12/14	27/06/15	30/06/16
Shahiber Alga (Near BOP) Part (Kurigram Distict)						
Rehabilitation of damaged temporary Bank protection work with slope pitching and apron strengthening in between M-1365.00 to M-1865 = 200.00m and from M-1865.00 to M-2065.00 = 200.00, Total length = 400.00m at Shaheber Alga (near BOP Camp) in Dathbhanga union under Roumari Upazilla of Kurigram District under Kurigram O&M Division, BWDB, Kurigram. (Package No Kuri-03/2010-11)	370.29	370.29	28/02/11	14/06/11	11/12/11	30/06/14
Bank protection work from M-400.00 to M-715.00 = 315.00m including ditch filling of sonavhori river old coarse at Shaheber Alga (near BOP Camp) in Dathbhanga union under Roumari Upazilla of Kurigram District under Kurigram O&M Division, BWDB, Kurigram. (Package No Kuri-04/2010-11)	482.53	482.53	28/02/11	14/06/11	11/12/11	20/06/14
Bank protection work from M-715.00 to M-1040.00 = 325.00m at Shaheber Alga (near BOP Camp) in Dathbhanga union under Roumari Upazilla of Kurigram District under Kurigram O&M Division, BWDB, Kurigram. (Package No Kuri-05/2010-11)	338.60	338.60	28/02/11	14/06/11	11/12/11	28/05/14
Manufacturing and supplying of C.C. blocks of different sizes (as stock pile) at Shaheber Alga (near BOP Camp) in Dathbhanga union under Roumari Upazilla of Kurigram District under Kurigram O&M Division, BWDB, Kurigram. (Package No Kuri-07/2010-11)	376.12	376.12	28/02/11	14/06/11	11/12/11	30/06/14
Supplying non-woven needle punched geo-textile bag wt. = 250 Kg. at Shaheber Alga (near BOP Camp) in Dathbhanga union under Roumari Upazilla of Kurigram District under Kurigram O&M Division, BWDB, Kurigram (Package No Kuri-14/2010-11).	846.66	846.66	19/04/11	20/06/11	15/11/11	02/06/14

Apron strengthening of existing temporary Bank protective work in between M-1365.00 to M-1865 = 300.00m at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District under Kurigram O&M Division, BWDB, Kurigram (Package No Kuri-14/2011-12).	335.13	335.13	31/01/12	24/04/12	20/10/12	02/06/14
Supplying non-woven needle punched geo-textile bag wt. = 250 Kg. at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District under Kurigram O&M Division, BWDB, Kurigram (Package No Kuri-17/2011-12).	356.56	356.56	31/01/12	24/04/12	20/10/12	31/05/14
Bank protection work from M-1040.00 to M-1365.00 = 325.00m at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District under Kurigram O&M Division, BWDB, Kurigram during the year 2011-2012 (Package No Kuri-15 (Retendered)/2011-12)	638.11	638.11	31/01/12	06/06/12	01/01/12	30/06/14
Bank protection work from M-2065.00 to 2215.00 = 150.00 M. at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District" under Kurigram O&M Division, BWDB, Kurigram during the year 2014-15 (eGP ID No. 11170, Package No Kuri-18/2014-15).	390.60	390.58	15/12/14	07/12/14	25/06/15	15/06/16
Bank protection work from M-2215.00 to 2365.00 = 150.00 M. at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District" under Kurigram O&M Division, BWDB, Kurigram during the year 2014-15 (eGP ID No. 11178, Package No Kuri-19/2014-15).	399.75	399.40	15/12/14	07/12/14	25/06/15	15/06/16
Bank protection work from M-2365.00 to M-2465.00 = 100.00 M. with D/S End Termination at Shahiber Alga (near BOP Camp) in Datbhanga Union under Roumari Upazila of Kurigram District" under Kurigram O&M Division, BWDB, Kurigram during the year 2014-15 (eGP ID No. 11179, Package No Kuri-20/2014-15).	462.25	461.80	15/12/14	07/12/14	25/06/15	30/06/16

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 :	Not Applicable.			
(b)Local :	Not Applicable.			

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
Not Applicable.						

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	5781.59	5781.59	-	33.95%	798.66	798.66	-	4.27
2011-12	6500.34	6500.34	-	38.17%	1798.78	1798.78	-	9.62
2012-13	4749.23	4749.23	-	27.88%	2904.25	2904.25	-	15.54
2013-14	-	-	-	-	2200.00	2200.00	-	11.77
2014-15	-	-	-	-	6035.83	6035.83	-	32.29
2015-16	-	-	-	-	4954.28	4954.28	-	26.51
Total	17031.16	17031.16		100.00%	18691.80	18691.80		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	798.66	798.66	-	4.27%	800.00	798.66	-	-	7.00
2011-12	1798.78	1798.78	-	9.62%	1800.00	1798.78	-	-	10.00
2012-13	2904.25	2904.25	-	15.54%	2922.00	2904.25			18.16
2013-14	2200.00	2200.00	-	11.77%	2895.00	2774.28			27.00
2014-15	6035.83	6035.83	-	32.29%	4000.00	3993.30			13.97
2015-16	4954.28	4954.28	-	26.51%	4500.00	4499.86			22.92
Total	18691.80	18691.80		100.00%	16917.00	16769.13			99.05

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per DPP	Actual achievement	Reasons for shortfall, if any
(i) To mitigate river erosion	(i) Controlled River erosion	No short fall
(ii) To provide flood control facilities	(ii) Provided flood control facilities	
(iii) Safety of public assets & natural resources	(iii) Provided safety of public assets & natural resources	
(iv) Sustainable socio- economic & tertiary sector's enhancement	(iv) Improved sustainable socio- economic & territory sector's enhancement	

E. BENEFIT ANALYSIS

01. Annual Out-put :

Item 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)
<u>Gaibandha O&M Division</u> 4798.00 meter new River Bank Protection work of Jamuna River at Shaghata upazilla under Gaibandha district.	m	<u>Shaghata Bazar Part :</u> 4798 meter	Bank Revetment work = 6863 m (Shaghata Bazar = 4798m & Shahiber alga = 2065m) ¹
<u>Kurigram O&M Division</u> *River Bank Protection work of Brahmaputra River at Roumari (Shahiberalga) upazilla under kurigram district. * Re-sectioning of Embankment	m	<u>Shahiber alga Part (near BOP):</u> 1765.00 meter	(physical progress 99.05% as per schedule)
	m	2000.00 meter	Embankment Re-sectioning = 2000.00 meter (physical progress 100% as per schedule)

02. Cost/Benefit : Will be evaluated later by BWDB's concern office & IMED.

Item	Estimated	Actual
(1) Benefit cost ratio of the project		
(i) Financial	2.56 : 1.00	N/A
(ii) Economic	3.31 : 1.00	
(2) Internal Rate of Return		
(i) Financial	32.84%	
(ii) Economic	39.79%	

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

There is no short fall inbetween the estimated and actual benefit:

F. MONITORING & AUDITING

01. Monitoring :

Name & Designation of the inspecting official	Date of inspection	Identified Problems	Recommendations
1	2	3	4
(a) <u>Ministry/Agency</u>	09-10-2014	No Problems was Identified.	Instructed to complete the Project in due time.
(i) Barrister Anisul Islam Mahmud, Honorable Minister, Ministry of Water Resources	18-10-2014	No Problems was Identified.	Instructed to complete the Project in due time.
(ii) Mr. Parimal Chandra Deputy chief, Planning Commission			

(iii) Mr. A.N.M. Rokon uddin, Deputy chief, Ministry of Water Resources	14-12-2012	No Problems was Identified.	Instructed to repair the work of Flood damage/2012.
(iv) Md. Najrul Islam & Mr. Rathindra Nath Roy Asstt. Chief, Ministry of Water resources	24-10-2014	No Problems was Identified.	Instructed to complete the Project in due time.
(v) Mr. Abu Usuf Mohammad Rasel. Asstt. Chief, Ministry of Water Resources	30-05-2015 & 31-05-2015	No Problems was Identified.	Instructed to complete the Project in due time.
(b) IMED :			
(i) Md. Habibul Islam Director, IMED	24-05-2013	Delay of work Progress	IMED Recommended to increase the task force member & work progress. IMED also Instructed to complete the Project in due time.
(ii) Mr. Parimal Chandra Basu Deputy Director, IMED	16.04-2015	C.C blocks as stock pile.	*Instructed to take appropriate action to stop manufacturing of c.c blocks as stock pile. *Instructed to complete the Project in due time.
(c) Others : (please specify)			
(i) Mr. R.A.M. Obaidul Maktadir Chowdury, Chairman, Parliamentary Standing committee for Water Resources	25-04-2012	Justification the work requirement at shahiber alga BOP adjacent part.	-Justified. - To extend the project length 1.00 km more at the down stream of shahiber alga BOP adjacent part -To complete the Project maintaining quality & Quantity.
(ii) Md. Ismail Hossain, Director General Bangladesh Water Development Board.	06-06-2015	Ensure the quality of Bank revetment work.	Instructed to complete the Project in due time maintaining quality & Quantity of the bank revetment work.
Md. Hasan Parvez, SE, Design circle-6, BWDB, Dhaka. Convenor of Technical Committee.	21-05-2013	Delay of work Progress	Recommended to submit re-cast DPP soon

0.2. Auditing during and after Implementation :

2.1 Internal Audit

Period of Audit	Date of submission of Audit report	Mejor findings/ objections	Whether objections resolved or not
1	2	3	4
2013-2014 & 2014-2015	14-05-2016	In connection with Tender finalisation of Package no. SGP-22/2014-15	Reply submitted, Not resolved yet.

2.2. External Audit

Audit Period	Date of submission of Audit report	Mejor findings/ objections	Whether objections Not resolved yet.
1	2	3	4
-	-	-	-
2010-2011 & 2011-2012	14-01-2013	In connection with Tender.	Reply submitted, Not resolved yet.
2012-2013	08-12-2013	In connection with Tender.	Reply submitted, Not resolved yet.
2013-2014	08-12-2014	In connection with completion of the contracts	Reply submitted, Not resolved yet.
2014-2015	06-10-2015	Opening & evaluation committee of the tender.	Reply submitted, Not resolved yet.

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on :

1.1 Background

Shaghata Bazar Part:

Shaghata Upazilla is an old business centre in Gaibandha district, historical Bonarpara railway junction is situated in this Upazilla. The area of this Upazilla is 210 sq km and population is about 14,50,000. About hundred years ago the river Jamuna used to flow at a distance of 25 km. from Gaibandha district town. But in 2009 the river Jamuna was flowing at a distance of 3.50 km (Aerial distance) from the Gaibandha district i.e. the course of the river Jamuna was shifted at a distance of 21.50 km. in the South-Western side due to erosion of the river Jamuna . The river Jamuna was also flowing towards down stream by the side of Shaghata Upazilla. From January, 1986 severe river erosion at a length of 7.50 km. (In between km. 70.00 to km, 80.00 i.e. in the up stream of Fulchari Head Quater, started on the right side of the river Jamuna from shanki Bhanga of Gazaria Union to Fulchari Bazar area of Fulchari Upazilla was took place. Before project the river erosion was extended up to Shaghata Upazilla and adjacent area. The distance of the river from BRE in only 0.00 km. in Shaghata area & 100 m. direct (aerial distance) from Shaghata Bazar, 20 years ago during flood 1987 a new (suit) channel of Jamuna was created form the Main channel of Fulchari area and was flowing by the side of the Shaghata areas.

Due to river erosion a part of BRE embankment, number of villages, School and homestead already were engulfed & Munshirhat Govt. Primary school, Shathalia Primary School, Hasilkandi Govt. Primary School, Union Land office, Shaghata Bazar, Shaghata High School, Shaghata college, Shaghata Health Complex, Shaghata Police Station, Sonali Bank, Union Parished Office, Ghuridaha Union Health complex, various NGO offices, Bank Insurance offices, Poultry firm, Fisheries, many homesteads including cultivable area of Shaghat & Ghuridaha Union is under thread of river erosion. As such the distance of the river bank was only 0.00 m from the existing BRE Embankment, as such the flood control system was under danger.

Due to flood/2007, a huge area of Gaibandha district & its adjacent areas was inundated by flood water & damaged the huge infrastructure, homestead, agriculture land & animals. In this Situation the High official of BWDB, GOC of Rangpur Cantonment & other Army officer visited the flood & river erosion situation. At the time local peoples, D, C Gaibandha, Elite person demanded for the permanent solution of the river bank

protection & flood control of the Jamuna River. To protect the said areas from erosion of the river Jamuna necessary data was prepared by the BWDB local field office which was sent to the Superintending Engineer. A huge gathering was held at eroded places of Hasilkandi on 27/10/2007, Stakeholder, affected persons, local peoples, Army Officer of District. Army control cell, local BWDB's officers, local administrative officer, local UP Chairman, Member & local journalist were present there. All were concerned about river erosion & demanded to Government for proper solution of the river erosion. The River erosion situation was highlighted in print media and electronic media strongly. A meeting on Flood Damage Rehabilitation work was held on 06.11.2007 at District Circuit house. The meeting stressed on the rehabilitation work of BWDB infrastructures damaged in flood/2007 especially in river erosion.

Under above circumstances a DPP titled Protection of Shaghat Bazar & its adjacent areas from erosion of the river Jamuna at Shaghat Upazilla in Gaibandha District was prepared.



Shahiber Alga (Near BOP camp) Part:

Shahiber Alga near BOP in Datvanga Union under Roumari Upazilla in Kurigram District is a part of the northern region of Bangladesh. The area comprises the belt of unstable alluvial land along the Brahmaputra Jamuna River where land is constantly being formed and eroded by shifting of river channels. It has an irregular relief of board and narrow ridges and depressions. The area is occupied by sandy and silty alluvium. Rich in weather able k minerals that slightly alkaline in reaction.

The Brahmaputra river is a major international river, ranking in the top three in terms of sediment and water discharge. It covers total darinage area of 583000km², 8.1% (47000 km²) of which lies in Bangladesh. The river originates in the Chemayung-Dung glacier, approximately at 31⁰ 30' N and 82⁰ 0' E, some 145 km from Parkha, a trade centre between lake Manassarowar and Mount Kailas. The total length of the river from its source in south-western Tibbet to the mouth in the bay of Bengal is about 2850 km (including Padma and Meghna up to the mouth). The river enters in Bangladesh east of Bhabanipur (India) and north east of Kurigram district. The river enters in Bangladesh territory, Brahmaputra- Jamuna is 240.00 km long. The Brahmaputra river is characterized by high intensity of flood flows during monsoon season (June through September). During monsoon the Brahmaputra discharges a large volume of water and at the same times brings in huge amounts of sediments. The river is infecting a multi channel one. Channels are of many different sizes and of different patterns including braiding & meandering. The formation and removal (migration) of the chars durign monsoon controls the erosion of bank lines.

The left branch of the Brahmaputra River entered Bangladesh territory at north-south direction and subsequently flowing from north-east towards south-west direction with a meandering shape. Prior erosion trend of the river was confined within Indian territorial part. But severity of erosion took place near Shahiber Alga BOP and adjacent area at Dathanga Union under Roumary Upazilla in Kurigram District during 2005 flood period.

Due to radical morphological change occurred during 2005 monsoon flood and flowing trend of main river channel continued to very near to the left bank and Bangladesh territory. Main river flow at said location directly hit at the left bank in between international Border pillar No. 1050 and 1051. The severity of erosion seemed very devastating since July, 2005 to November, 2006. This vulnerable segment as composed by silt and sandy loam being engulfed in to river within Bangladesh territorial part impacted by storm flows from Indian part . On the other hand, huge char lands was being accreted composed by eroded silt laden form Bangladesh territory in to river bed within Indian territory.

Before project daily erosion rate was stood about 1.00 meter Unless erosion trend could be stopped . It was apprehended that very soon Shahiber Alga Flood Shelter/BOP and vast area of Roumari Upazilla including Digrirchar, Italukanda would be engulfed into river. The distance of Shahiber Alga BOP from river bank line was 100.00 m. during December, 2005. Then it remained only 20.00m. But after flood 2007 it entered little inside to the perimeter of BOP i.e. 10.00m of the BOP perimeter was eroded. Meanwhile peripheral dyke of Shahiber Alga BOP and closure at Sonabari river mouth already eroded. It was worthwhile to mention that Indian Authority execeuted permanent erosion measures at upstream of the Brahmaputra river within Indian Territory. Consequently flow of the main river channel diverted adjecnt towards left bank that increased erosion trend within Bangladesh Territory.



In view of the above circumstances Director General, BDR, Battalion Commander, 39 Rifles Battalion and local administrative authority requested for taking immediate protective measures against erosion of the Brahmaputra river as well as confinement of Bangladesh Territory from river erosion hazards.

Proposed project was formulated for execution of permanent bank protection works at Shahiber Alga (Near BOP Camp). It may be mentioned here that JRC was suggested for execution of proposed bank protection work.

The honorable Minister, Ministry of water Resources visited this site on 10.07.09 accompanied by the local MP's, DC of Kurigram and higher authority of BWDB. The honorable Minister realized the importance of the proposed project and assured the people of the locality that the Govt. would take immediate action by implementation of the project to save the locality and the valuable land of the country from river erosion.

1.2 Justification/Adequacy

Safety of huge immovable properties, valued taka 14425 milion (at current market prise) located in the vicinity of affected area at Shaghata of Gaibandha district & Shaber Alga at Kurigram District will be ensure against proposed investment cost of Tk.167.38 milion. In this context proposed project seems as well as cost effective.

Moreover, cost per meter of proposed Protective work stand at Tk.0.243 milion that seems as cost effective in comparison with other similar type of projects.

There is a direct relevance of the project to the objective stated above. Immediate objective of Bank protection from Riverbank erosion and the ultimate objective is the safety of lives & Properties and its economic impacts be fulfilled for improved environmental impacts.

As for its relevance with the water sector objectives, the project is in line with the policy and macro level plan objective of GOB for poverty reduction as laid down in PRSP (Poverty strategy paper)

1.3 Objectives

The objectives of the project is to mitigate river erosion and to provide human lives properties and improve economic activities by construction of protective works at vulnerable locations along the right bank of the Jamuna river under Gaibandha district & Bramaputra river under Kurigram district. Valuble establishment valued Tk. 14425 milion are supposed to be saved by implementation of the proposed protective works.

However the Specific objectives are as follows.

- To protect 7000 hac. Area with immovable properties, worth value TK. 106070.00 lakh dispersed in Shathalia,(Etakuri), Hasilkandi, Hatbari(chalkpara), chinirpotol of Shaghata sadar Union & Ghuridaha Union of Shaghata Upazilla from devastating right bank erosion of the river of Jamuna.
- To protect territory of Bangladesh (border area) near BOP at shahiber Alga and adjacent area under Roumari Upazilla in the District of Kurigram from left bank erosion of the Brahmaputra river. Huge public and private properties dispersed around the said erosion prone area with approximate total worth of TK. 38177.00 lakh will suppose to be saved.

1.4 Project revision with reasons:

During catastrophic flood in 2011 and in 2012 severe morphological change of Brahmaputra river basin took place at Shahiber Alga in Roumari Upazilla in Kurigram District. The ongoing works had been severely damaged and repair of that works increased increased cost by TK. 416.36 lakh which have been incorporated in this proposed RDPP.

It could be mentioned here that Deputy chief of MoWR Mr. A. N. M. Rokon Uddin visited the project area (Shahiber Alga in Kurigram) on 14.12.2012 and recommended as "Damaged work during the flood 2012 at the upstream and downstream of Shahiber Alga BOP Camp area should be repaired and additional budget allocation against this work could be considered for this project" vide his letter memo. No. 42.017.014.00.00.001.2010-51 date 01.01.2013. Also the honourable MP and Chairman of Parliamentary Standing committee for Water Resources, had been visited the Shahiber Alga site as on 25.04.2012 and recommended to extend the project length 1.00km. more from its downstream end of the Shahiber Alga BOP.

Another reason for revision of the project was the inadequate ADP Budget allocation against the provision kept in the approved DPP. The ADP allocations as per year wise Financial and Physical Target plan in the DPP were Tk. 5781.59 lakh in 2010-11, TK. 6500.34 lakh in 2011-12 and TK. 4749.23 lakh in 2012-13 whereas the yearly RADP allocation of the project were Tk. 800.00 lakh in 2010-11, Tk. 1800.00 lakh in 2011-12 and Tk. 2922.00 lakh in 2012-13. So it was not rationale to complete the project within stipulated time. On this ground, in the 1st meeting of the steering committee of the project held on 09.09.2012 in MoWR it was recommended to revise the project within the DPP cost and to extend the project duration for 3(three) years more, up to 2015-16.

As per decision of the 2nd meeting of the steering committee held on 27.01.2013 at MoWR a technical committee comprising BWDB officials and IWM representative, was formed by BWDB vide memo. No বাপাউরো(সচি/পরি-১/বিবিধ-৩/২০০২/(৬ষ্ঠ খন্ড)/৯৬, Date 23-04-2013. To portrait the field condition for DPP revision. Technical Committee submitted a report and recommended 2065.00 meter protective work at shahiber Alga with a cost of Tk. 5006.95 lakh and 4798.00 meter protective work at Shaghata with a cost of TK.13579.97 lakh

So the reasons for DPP revision could be summarized as follows:

- Increase in length of the Bank Revetment Work than the provision of approved DPP length as per present field condition, recommended by the Technical Committee.
- Increase in the contract price due to increase in market price of all construction materials and labour cost from FY 2008-09 to FY 2012-13.
- Inadequate fund flow than the "Year wise financial and Physical Target Plan" according to the approved DPP.

On basis of the above reasons, the project requires revision to obtain targeted goal from the project as well as to protect many important infrastructures along with huge cultivable land by providing security against flood and river erosion in the project area.



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

Rationale:

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 of 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.

In this context, there have been a growing concern and reassessment of the economic and socio-political benefits of protecting important towns, infrastructure, hats 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 programme at the apex level.

In this backdrop, present project thus proposed to be executed on emergency basis. The overall objective of the project is to reduce environmental degradations & human hazards due to river erosion with ensuring safety of lives & properties around the area. Throughout the creation of proposed bank revetment works safety of establishment worth value of TK. 14427.00 lakh will be ensured against river erosion.

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

◆ **Project Identification:**

The Project is located along the Right Bank of the Jamuna River under Gaibandha O&M division and left Bank of the Brahmaputra River under Kurigram O&M division.

◆ **Project Preparation :**

Erosion of Brahmaputra & Jamuna river is seriously threatened for Shahiber Alga of Kurigram District & Shaghata of Gaibandha District. The river has engulfed huge valuable lands and properties of both the places before Project. To Protect Shaberalga (near BOP camp) and Shaghata Bazar from river erosion, this Project was launched.

Appraisal:

A technical committee was formed by BWDB to examine the feasibility of the project. accordingly the technical committee visited the project area. After verification & study the technical committee recommended to implement the project. As per recommendation of the technical committee the field office prepared a DPP and submitted to concerned authority.

- ◆ **Credit Negotiation:** Not applicable
- ◆ **Credit Agreement :** Not applicable
- ◆ **Credit Effectiveness :** Not applicable
- ◆ **Loan Disbursement :** Not applicable
- ◆ **Loan Conditionalities :** Not applicable
- ◆ **Project Approval. The Project was approved on 07.12.2010 & Subsequent revision was approved on 22-11-2015**
- ◆ **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 stakeholder are directly taking advantages of the created facilities of the Project.

4.3 O & M programme of the project:

Post Project recurrent O&M works will be arranged from the regular O&M allocation.

4.4 Impact of the project -

4.4.1 Direct

*** Protection of Shahiber alga (Near BOP camp) of Kurigram District & Shaghata Bazar of Gaibandha District from Brahmaputra-Jamuna river**

* Safety of Public & Government owned assets and natural resources of Shahiber alga (Near BOP camp) of Kurigram District & Shaghata Bazar of Gaibandha District.

4.4.2 Indirect

Environmental enhancement from river erosion hazard.

Sustainable socio- economic enhancement.

4.5 Transfer of Technology and Institutional Building through the project: Not applicable

4.6 Employment generation through the project :

Employment generation for skilled/unskilled during construction period about 19.21 lakh man days.

4.7 Possibility of Self employment :

There are possibilities of self employment as existing commercial and business centers are protected from river bank erosion.

4.8 Possibility of women-employment opportunity:

Yes, there is possibility of woman employment opportunity.

4.9 Women's participation in development:

Yes

4.10 Probable Impact on Socio-Economic activity:

Protecting the river bank erosion, various infrastures are saved from the erosion. The impact of socio-economic balance in the locality.

4.11 Impact on environment :

Environmental enhancement is achieved through the implementation of the project. Bank erosion hazards of environment is eradicated.

4.12 Sustainability of the project :

The project is sustainable but requires periodic maintainance.

4.13 Contribution to poverty alleviation/reduction :

The project fulfilled following benefits in compatible strategic goal i.e, a) reduction of vulnerability to water related disaster, b) manage erosion of major river and protect large and small towns of poverty alleviation as per PRS:

- (1) The Project ensures immovable property of total worth of taka 1442.50 lakh.
- (2) it generated employment for skilled/unskilled during construction period and also in annual O&M Phase in project performance. Also better employment access in business territory sectors is enhanced.
- (3) Natural security against river Bank erosion is resorted.

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

Positive remarks regarding the Project.

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

Not applicable

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

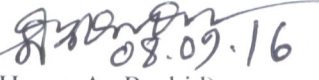
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|---|---|
| 5.1 Project Management | 5.12 Project aid disbursement and re-imbursment |
| 5.2 Project Director | 5.13 Mission of the development partners. |
| 5.3 Land Acquisition | 5.14 Time & Cost Over-run |
| 5.4 Procurement | 5.15 Project Supervision/Inspection |
| 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 :

After the successful implementation of this project Shahiber Alga of Kurigram District & Shaghata bazar of Gaibandha District have been protected from river erosion and the river bank erosion problem along the left bank of Brahmaputra river and right bank of the Jamuna river have been mitigated. The safety of flood control embankment, human livelihood and properties have been increased. Proper monitoring & regular maintenance of the bank revetment works should be continued to ensure the sustainability of the project. Otherwise the benefit of the project might be hampered.


08.09.16

(Md. Harun-Ar-Rashid)
Superintending Engineer
Rangpur O&M Circle-I
BWDB, Rangpur
&
Project Director

Date : 08.09.2016

Signature and seal of the Project Director/Manager

7. Remarks/Comments of Agency Head

After completion of this project, Shaghata Bazar and adjacent area under Shaghata upazilla of Gaibandha district and Shahiber Alga (near BOP camp) in Dattbhanga union under Roumazi upazilla of Kurigram district have been protected from devastating erosion of Jamuna river (on right bank) and Brahmaputra river (on left bank) respectively. These have saved so many public & private properties of national interest as well as mainland of Bangladesh on border area of Kurigram. So it can be said that the objectives of the project have been achieved in all aspect.


02/10/16

Date :

Signature and Seal
(Md. Jahangir Kabir)
Director General
BWDB, Dhaka.

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

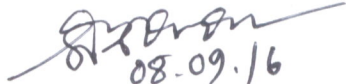
Date :

Signature and Seal

100% Physical progress of the project couldn't be achieved due to following reasons :

- (a) C.C blocks as stock pile couldn't be manufactured at desired quantity both Shahiber Alga & Shaghata bazar. Local people disagreed manufacturing of C.C blocks as stock pile as it occupies valuable agriculture land for unlimited time. Sometimes they resisted to manufacture of C.C blocks as stock pile. However Mr. Parimal Chandra Basu, Deputy Director, Planning Commission, IMED visited the project area on the 16.04.2015 at Shaghata part in Gaibandha district and submitted a report (copy enclosed) mentioning some observations. He also opined in the report that MWR would take necessary appropriate actions urgently for not manufacturing C.C blocks as stock pile.
- (b) 500m bank protective work (package SGP-08/2011-12) at shaghata part of the project is partly completed (81% Physical progress). As around 50 nos. household were situated along the 500 meter length of working site at Shaghata part. It was needed to vacate the household for implementation of the project. But those households were not vacated in time hampering physical progress of that 500 meter length (Package No. SGP-08/2010-2011) in Shaghata part of the project.

It may be mentioned that Gaibandha O&M Division, BWDB, Gaibandha, the concern field office has taken proper initiative to complete the remaining works for 500m bank protective work (package SGP-08/2011-12) at shaghata part of the project from NDR Budget during the financial year 2016-2017.


08.09.16
(Md. Harun-Ar-Rashid)
Superintending Engineer
Rangpur O&M Circle-1
BWDB, Rangpur
&
Project Director

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিকল্পনা মন্ত্রণালয়
বাস্তবায়ন পরিবীক্ষণ ও মূল্যায়ন বিভাগ
শেরে বাংলা নগর, ঢাকা।

ব্যয় বৃদ্ধি ব্যতিরেকে প্রকল্পের মেয়াদ বৃদ্ধির প্রস্তাবে আইএমইডি'র মতামত

১.০	প্রকল্পের নাম	পাইবান্ধা জেলার শাঘাটা উপজেলাধীন শাঘাটা বাজার ও তৎসংলগ্ন এলাকা যমুনা নদীর ভাঙ্গন হতে রক্ষা এবং কুড়িগ্রাম জেলার রৌমারী উপজেলাধীন দাত ভাঙ্গা ইউনিয়নের (বিওপি ক্যাম্পের নিকট) সাহেবের আলপা নামক স্থানে ব্রহ্মপুত্র নদের বামতীর সংরক্ষণ।		
২.০	বাস্তবায়নকারী সংস্থা	বাংলাদেশ পানি উন্নয়ন বোর্ড		
৩.০	উদ্যোগী মন্ত্রণালয়/বিভাগ	পানি সম্পদ মন্ত্রণালয়		
৪.০	অনুমোদিত ব্যয় (লক্ষ টাকায়)	মোট	ঢাকা	প্রকল্প সাহায্য
৪.১	মূল অনুমোদিত	১৭০৩১.১৬	১৭০৩১.১৬	--
৪.২	১ম সংশোধিত অনুমোদিত	১৮৬৯১.৮০	১৮৬৯১.৮০	--
৫.০	বাস্তবায়নকাল	আরম্ভ		সমাপ্তি
৫.১	মূল অনুমোদিত	অক্টোবর, ২০১০		জুন, ২০১৩
৫.২	ব্যয় বৃদ্ধি ব্যতিরেকে বর্ধিত	অক্টোবর, ২০১০		জুন, ২০১৪
৫.৩	১ম সংশোধিত অনুমোদিত	অক্টোবর, ২০১০		জুন, ২০১৫
৫.৪	প্রস্তাবিত	অক্টোবর, ২০১০		জুন, ২০১৬

৬.০ প্রকল্পের মেয়াদ বৃদ্ধি : মন্ত্রণালয় হতে প্রেরিত জুন, ২০১৫ মাসের মেয়াদী ২০১৪-১৫ অর্থ বছরে একমুঠির অনুকূলে সংশোধিত এডিপি বরাদ্দ ৪০০০.০০ লক্ষ টাকা এবং জুন, ২০১৫ পর্যন্ত ক্রমপুঞ্জিত অগ্রগতি ১২২৬৯.২৭ লক্ষ টাকা এবং বাস্তব অগ্রগতি ৭৬.০৮%। প্রকল্পের খরচের পর আরও ৬৪২২.৫৩ লক্ষ টাকা প্রাপ্যতা রয়েছে।

৭.০ মন্ত্রণালয় কর্তৃক প্রেরিত প্রস্তাবে বর্ণিত সকল উত্থানি পর্যালোচনা :

৭.১ আলোচ্য প্রকল্পটি সম্পূর্ণ জিওবি অর্থায়নে মোট ১৭০৩১.১৬ লক্ষ টাকা অনুমোদিত ব্যয় ও অক্টোবর, ২০১০ হতে জুন, ২০১৩ পর্যন্ত মেয়াদে বাস্তবায়নের জন্য ০৭/১২/২০১০ তারিখের একনেক সভায় অনুমোদিত হয়। পরবর্তীতে প্রকল্পের ব্যয় ও বাস্তবায়ন কাল যথাক্রমে ১৮৬৯১.৮০ লক্ষ টাকা এবং অক্টোবর, ২০১০ হতে জুন, ২০১৩ পর্যন্ত নির্ধারণ করে প্রকল্পটি ১ম বার সংশোধন করা হয়। চলতি ২০১৪-২০১৫ অর্থ বছর পর্যন্ত সর্বমোট ১২৩২২.০০ লক্ষ টাকা বরাদ্দ প্রদান করা হয়েছে। চলতি ২০১৫-২০১৬ অর্থ বছরে ৫৫০০.০০ লক্ষ টাকা বরাদ্দ প্রদান করা হয়েছে।

৮.০ প্রস্তাবিত কাজগুলি বর্ধিত মেয়াদে সমাপ্ত করা সম্ভবপর কি না?

প্রয়োজনীয় এডিপি বরাদ্দ প্রাপ্তি সাপেক্ষে মার্চ, ২০১৫ হতে জুন, ২০১৬ পর্যন্ত (চলতি বছরের ৩ মাস + বর্ধিত ১ বছর) সময়ের মধ্যে প্রকল্পের প্রস্তাবিত কাজগুলি সমাপ্ত করা সম্ভব হবে বলে মেয়াদ বৃদ্ধির প্রস্তাবে উল্লেখ করা হয়েছে।

[Signature]

৯.০ প্রকল্প পরিদর্শন: প্রকল্পটি পত ১৬/০৪/২০১৫ খ্রি: তারিখে আইএমইডির উপ-পরিচালক পরিমল চন্দ্র বসু কর্তৃক পরিদর্শিত হয়।

১০.০ প্রকল্পের অর্থনৈতিক ঠোঁট বাস্তবায়ন, আর্থিক জরুরি: পরিদর্শিত-ক দ্রষ্টব্য।

১১.১ পর্যবেক্ষণ:

১১.১ মোট ২৩টি প্যাকেজের আওতায় গাইবান্ধা জেলায় নদী তীর সংরক্ষণ কাজ করা হচ্ছে। যার মধ্যে ১৩টি working package এবং এ ১৩টির মধ্যে ৬টি জিও ব্যাগ ও ব্লক তৈরী, ডাম্পিং ও পিচিং প্যাকেজ। এ ছাড়াও রয়েছে ১০টি সরবরাহ প্যাকেজ;

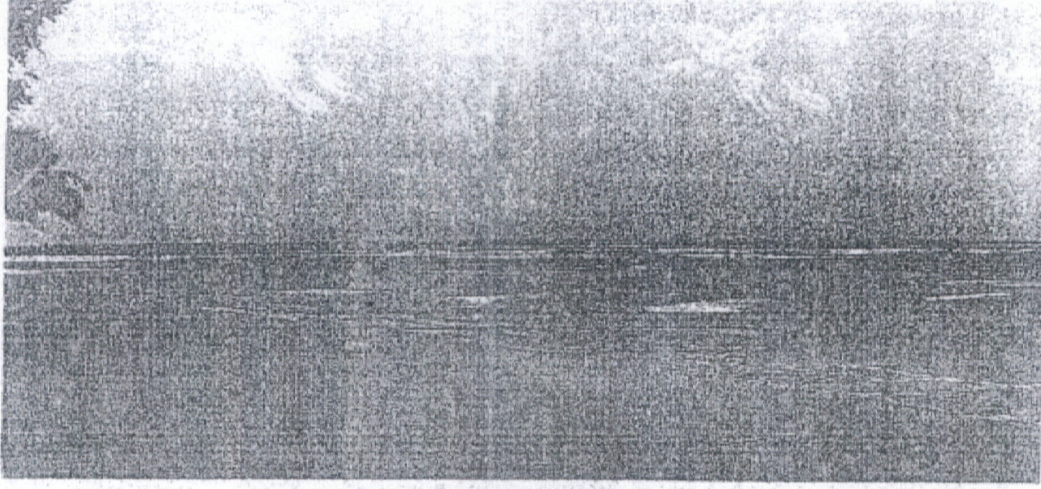
১১.২ প্যাকেজ: ২১ এর আওতায় ২২০ মিটার নদী তীর সংরক্ষণ করা হচ্ছে। এটি একটি complete package অর্থাৎ জিও ব্যাগ ও ব্লক তৈরী, ডাম্পিং ও পিচিং কাজ এ প্যাকেজের অধীনে সম্পাদন করা হবে। এ প্যাকেজের সকল ব্লক ও জিও ব্যাগ তৈরী করা হয়েছে। পানি উন্নয়ন বোর্ডের টার্নফোর্স কর্তৃক গণনা করা হলে তা ডাম্পিং ও পিচিং করা হবে। পরিদর্শন কালে উপস্থিত নির্বাহী প্রকৌশলী জানান যে, টার্নফোর্স-কে চিঠি দেয়া হয়েছে, আগামী ১৫ (পনের) দিনের মধ্যে টার্নফোর্স-এর সদস্যগণ গণনা করবেন মর্মে তিনি জানান। তিনি আরও জানান যে, নদীতে পানি বাড়ছে, বেশী দেরী হয়ে গেলে কাজ করা সমস্যা হবে;



চিত্র-১: ডাম্পিং ও পিচিং-এর জন্য তুপিকৃত ব্লক।

১১.৩ প্যাকেজ: ১৪ এর আওতায় জিও ব্যাগ ডাম্পিং করা হয়েছে তবে ব্লক ডাম্পিং ও পিচিং করা হয়নি। ব্লক পিচিং-এর জন্য ঢাল তৈরী করা হচ্ছে। ব্লক গণনা করা হলে ব্লক ডাম্পিং ও পিচিং শুরু হবে মর্মে পরিদর্শনকালে উপস্থিত গাইবান্ধার নির্বাহী প্রকৌশলী জানান। প্যাকেজ: ১৪ এর আওতায় নদীর তীর সংরক্ষণ স্থলে একটি ছোট চ্যানেল প্রবাহিত হচ্ছে। চ্যানেলটিতে বড় চর পড়েছে;

১০/১৫



চিত্র-৪: প্যাকেজ ১৯ এর আওতায় চলমান কাজ।

১১.৬ প্রকল্পের আওতায় ১০% রিজার্ভ ব্রক নির্মাণের সংস্থান রয়েছে। রিজার্ভ ব্রক এখনও নির্মাণ করা হয়নি মর্মে গাইবান্ধা পানি উন্নয়ন বোর্ডের নির্বাহী প্রকৌশলী জানান। প্রকল্পের বর্তমান অবস্থায় রিজার্ভ ব্রকের প্রয়োজন হবে কিনা জানতে চাওয়া হলে নির্বাহী প্রকৌশলী জানান যে, এ প্রকল্পে ব্রক রিজার্ভ না রাখলেও চলবে। তবে পানি উন্নয়ন বোর্ডের ডিজাইন সেকশনের সাথে আলোচনা করে রিজার্ভ ব্রক নির্মাণ না করা/রিজার্ভ ব্রকের পরিমাণ হ্রাস করার প্রয়োজনীয় ব্যবস্থা গ্রহণ করবেন মর্মে নির্বাহী প্রকৌশলী জানান। রিজার্ভ ব্রক নির্মাণ করা না হলে ক্ষতি কমে যাবে।

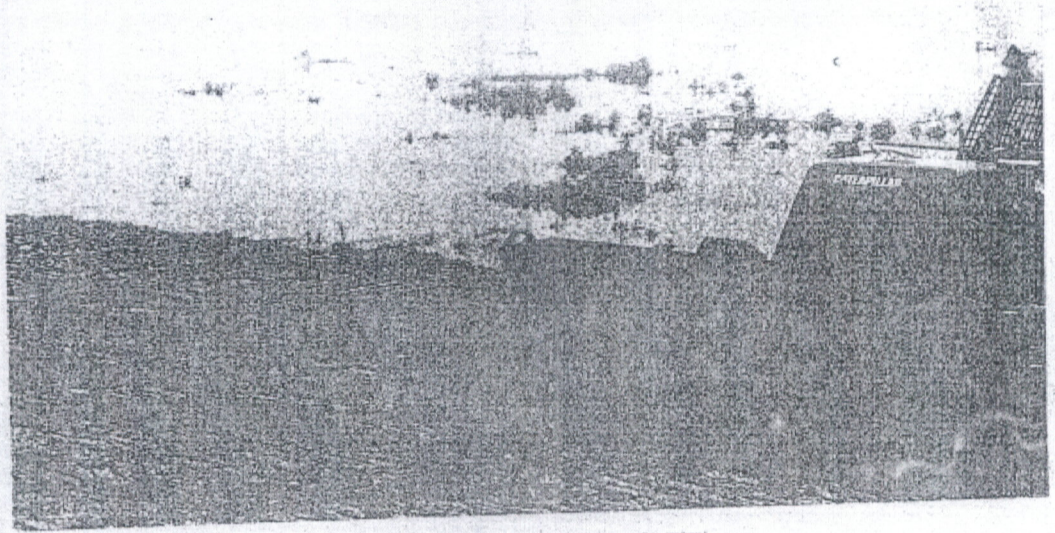
১২.০ বিশেষ পর্যবেক্ষণ: বাংলাদেশ পানি উন্নয়ন বোর্ড কর্তৃক বাস্তবায়িত পদ্মা নদীর তীর সুরক্ষা হতে রাজবাড়ী জেলায় বন্দুপীপুর ও সেন গ্রাম এলাকার ফরিদপুর বন্যা নিয়ন্ত্রণ ও নিষ্কাশন উপ-প্রকল্প এবং রাজবাড়ী শহর সংরক্ষণ প্রকল্পের সকল রিজার্ভ ব্রক অব্যবহৃত অবস্থায় পড়ে আছে, চুরি হয়ে যাচ্ছে এবং স্থানীয় জনসাধারণ বাড়ির উঠান ও ঘরের মেঝেতে ব্যবহার করছে। এ প্রকল্প দুটির রিজার্ভ ব্রক তৈরী করে অর্থের অপচয় করা হয়েছে। এ কারণে অন্যান্য প্রকল্পের বাস্তব অভিজ্ঞতার আলোকে বিবেচ্য প্রকল্পটির রিজার্ভ ব্রক নির্মাণের বিষয়ে সতর্কতা অবলম্বন করা উচিত।

১৩.০ মেয়াদ বৃদ্ধির যৌক্তিকতা :

১৩.১ ডিসেম্বর/২০১৪ হতে মার্চ/২০১৫ পর্যন্ত দেশে বিরাজমান পরিস্থিতির কারণে তীর প্রতিরক্ষা কাজের প্রধান নির্মাণ উপকরণ নুড়ি পাথর এবং বালু পরিবহণে সমস্যা হয়েছে এবং কাজের বাস্তবায়ন বিলম্বিত হয়েছে বলে মেয়াদ বৃদ্ধির প্রস্তাবে উল্লেখ করা হয়েছে;

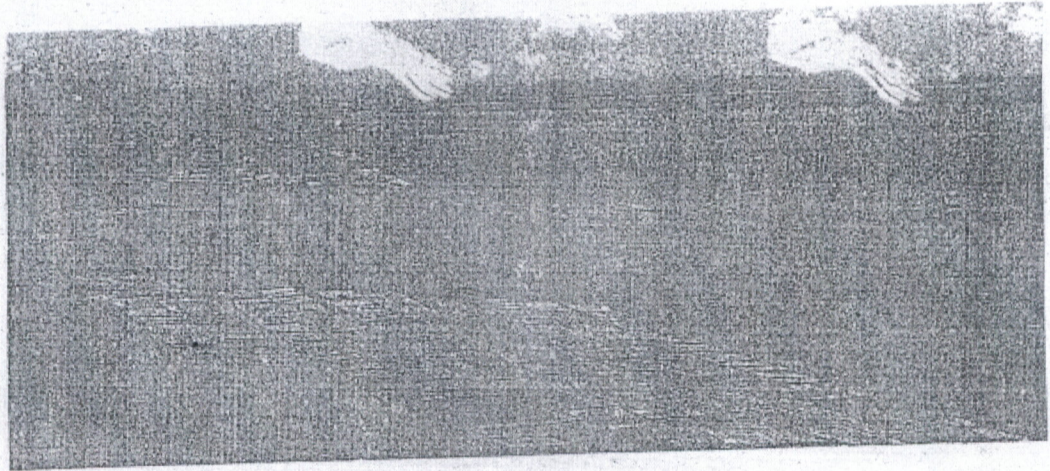
১৩.২ প্রকল্পটির আওতায় অনুমোদিত ডিপিপি অনুযায়ী বরাদ্দ না পেয়ায় প্রকল্পটির কাজ পরিকল্পনা অনুযায়ী বাস্তবায়ন করা যায়নি;

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চিত্র-২: প্যাকেজ ১৪ এর আওতায় চলমান কাজ।

১১.৪ পর্যায়ক্রমে প্যাকেজ: ১৩, ৭ এবং ১৯ নম্বর প্যাকেজের কাজ পরিদর্শন করা হয়। প্যাকেজ: ১৩ এর ব্লক নির্মাণ কাজ সমাপ্ত হয়েছে। ডাম্পিং ও পিচিং করা হয়নি। প্রকল্পের এ স্থানেও একটি ক্ষীণ-সুতপ্রায় চ্যানেল রয়েছে যা অল্প একটু দূরে ভাটিতে গিয়ে বিলীন হয়েছে এবং সামনে বিশাল চর পড়েছে।



চিত্র-৩: প্যাকেজ ১৩ এর আওতায় চলমান কাজ।

১১.৫ প্যাকেজ: ১৯ এর আওতায় সম্পাদিতব্য কাজের স্থানে বর্তমান নদী নেই। বিশাল জায়গা জুড়ে চর পড়েছে। খুব শীঘ্রই নদী এ স্থানে চলে আসবে মর্মেও প্রতীয়মান হয়নি। এ স্থানের কাজ করবার প্রয়োজন আছে মর্মে প্রতীয়মান হয়নি। যদিও এ স্থানটি সংরক্ষণের জন্য জিও ব্যাপ ও ব্লক নির্মাণ করা হয়েছে এবং পিচিং ও ডাম্পিং কাজ চলছে।

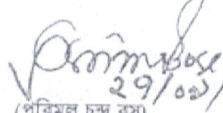
[Handwritten signature]

১৪.০ সমস্যা: পানি সম্পদ মন্ত্রণালয়/বাংলাদেশ পানি উন্নয়ন বোর্ড কর্তৃক গঠিত টাস্ক ফোর্স কাজের গুণগত মান উৎকর্ষ সাধনে যেমন গুরুত্বপূর্ণ ভূমিকা রাখছে, আবার কিছু কিছু ক্ষেত্রে ব্রক ও জিও ব্যাগ পণনা যথাসময়ে করতে না পারার কারণে এগুলো ডাম্পিং করা সম্ভব হচ্ছে না। এ প্রকল্পের ব্রক ও জিও ব্যাগ তৈরী করে কন্ট্রাকটরশন বসে আছেন। কিন্তু ব্রক ও জিও ব্যাগ পণনা না করার কারণে তা ডাম্পিং ও পিসিং করা সম্ভব হচ্ছে না। নদীতে পানি বৃদ্ধি পাচ্ছে। বেশী সময় অতিবাহিত হলে প্রতিরক্ষা কাজটি সুদৃঢ় হবে না।

১৫.০ মতামত : বর্নিত প্রেক্ষাপটে নিম্নলিখিত শর্তসাপেক্ষে প্রকল্পটির মেয়াদ জুন, ২০১৬ পর্যন্ত অর্থাৎ ০১ (এক) বছর বৃদ্ধির বিষয়ে আইএমই বিভাগের মতামত নিম্নরূপ:

১৫.১ পানি সম্পদ মন্ত্রণালয় প্রকল্পের আওতায় রিজার্ভ ব্রক ও জিও ব্যাগ তৈরী না করা/সংখ্যা হ্রাসের বিষয়ে জরুরী ভিত্তিতে যথাযথ ব্যবস্থা গ্রহণ করবে (অনুচ্ছেদ: ১১.৫, ১১.৬ এবং ১২) এবং আইএমই বিভাগকে জানাতে হবে;

১৫.২ আগামী ২০১৫-২০১৬ অর্থ বছরে প্রকল্পের অনুকূলে প্রয়োজনীয় বরাদ্দ প্রদান করে পানি সম্পদ মন্ত্রণালয় জুন/২০১৬ এর মধ্যে প্রকল্পটি সমাপ্তি নিশ্চিত করবে।


২৭/০৯/১৫
(পরিমল চন্দ্র বসু)
উপ-পরিচালক