

BANGLADESH WATER DEVELOPMENT BOARD

PROJECT COMPLETION REPORT
IMED-04/2003 (REVISED).

NAME OF THE PROJECT : PROTECTION OF BRAHMAPUTRA RIVER RIGHT BANK AT BAIRAGIRHAT AND CHILMARI BANDAR AREA OF CHILMARI & ULIPUR UPAZILA IN KURIGRAM DISTRICT (PHASE-2)(1st. Revised).

NAME OF DIVISION : KURIGRAM O&M DIVISION, BWDB, KURIGRAM

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

NAME OF 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 Brahmaputra River Right Bank at Bairagirhat and Chilmari Bandar area of Chilmari & Ulipur Upazila in Kurigram District (Phase-2).
02. **Administrative Ministry/Division** : Ministry of Water Resources.
03. **Executing Agency** : Bangladesh Water Development Board.
04. **Location of the Project** : Anantapur in Upazilla- Ulipur, Kaskol & Romna in Upazilla- Chilmari, Dist:-Kurigram.
05. **Objective of the Project** :

- The main objective of the project is to protect bank erosion along the right bank of Brahmaputra River at Bairagirhat, Anantapur and Chilmari Bandar area in Kurigram District. To reduce vulnerability of river erosion by implementation of 6450 meter bank revetment work along the right bank of the Brahmaputra River.
- Huge immovable public & private properties with estimated total worth of Tk. 151020.00 lakh dispersed in the vicinity of affected area will be saved from erosion.

06. **Estimated Cost** : (In lakh Taka)

	Original	Latest Revised(Ist. Revised)
(a) Total	19136.03	25691.79
(b) Taka	19136.03	25691.79
(c) Foreign Currency		
(d) Project Aid		
(e) RPA		

07. **Date of Approval** :

	PCP	DPP
(a) Original	-	05/02/2013
(b) Latest Revised	-	28/06/2016

08. **Implementation Period** :

	Date of Commencement	Date of Completion
(a) Original	Nov, 2012	June, 2016
(b) Latest Revised	Nov, 2012	June, 2017
(c) Actual	March,2013	June, 2017



09. Financing Arrangement (Source-wise) :

9.1 Status of Loan/Grant

a) Foreign Financing :

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of 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
25691.79	-	25691.79	-

9.2 Utilization of Project Aid : (Source wise)

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
Not applicable						

9.3 Re-imbursible Project Aid (RPA):

R P A Amount		Amount Spent	Amount Claimed	Amount Re-imbursed	Remarks
As per DPP	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
Nov,2012 To June,2016	Nov,2012 To June,2017	Nov,2012 To June,2017	27.27%	Due to additional bank revetment work Rehabilitation of Kalirkura Cross Bar and other Component, the project extended by 1 year

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	19136.03	25691.79	24463.12	27.84%	Due to additional bank revetment work, Rehabilitation of Kalirkura Cross Bar and other Components, project cost increased.
Tk.	19136.03	25691.79	24463.12		
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	Male	Female
1	2	3	4	5	Male	Female
Officer (s)	Existing manpower of the implementing agency were deployed during execution of the project.					
Staff(s)	No separate manpower were engaged for the project.					
Total :						

04. Training of Project Personnel (Foreign/Local) : No training was scheduled in this project.

Field of Training /Study tour/workshop/Seminer etc.	Provision as per DPP		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						
Petrol and Lubricant	1 item	10.00	1 item	10.00	1 item	
Printing and publication	1 item	3.00	1 item	1.99	1 item	
Stationery, Seal & Stamps	1 item	3.00	1 item	3.00	1 item	
Honorarium/ Fee/ Remuneration of different Committee.	1 item	5.00	1 item	1.77	1 item	
Mid Term Evaluation(by BWDB, MoWR & IMED)	1 item	10.00	1 item	8.84	1 item	

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
Survey & investigation	1 item	5.00	1 item	4.99	1 item	
Repair & Maintenance of existing vehicles	1 item	8.00	1 item	7.99	1 item	
Repair & Renovation of Inspection Bangalow of Kurigram & Zonal Laboratory, BWDB, Rangpur.	1 item	50.00	1 item	39.94	1 item	*Contractor quoted 10% less and a deep tube-well boring work finally dropped
Total (Revenue) =		94.00		78.52	83.53%	
Capital						
Purchase of Jeep (2300 CC)	nos	70.82	1 no	70.51	1 no	
Leveling Instrument (2 Nos.)	nos	1.50	2 nos	1.50	2 nos	
Multi Media with accessories (1 set)	nos	1.00	1 no.	1.00	1 no.	
Brand Computer with accessories (One laptop & one Laser printer) 1 No.	nos	0.75	1 no	0.75	1 no	
Construction works:						
Bank Revetment work	km	22346.97	6.450	21617.19	6.450	** due to shortage of acquired land, stock pile of cc block dropped from different contracts and rejection of some cc block in the last counting
Temporary protective work at Kaskol	km	1450.17	2.00	1422.72	2.00	
Dredging of Brahmaputra river= 500 m.	meter	269.64	500.00	-	-	* Component dropped due to not getting any contractor in tendering
Rehabilitation of Kalirkura X-bar-1No.	nos	1406.94	1 no	1253.07	1 no	* due to shortage of acquired land stock pile of cc block dropped from the contract.
O & M during construction = 1 item.	1 item.	50.00	1 item.	17.86	1 item.	
Total (Capital) =		25597.97		24384.60		1213.19
Grand Total =		25691.79	100.00%	24463.12	95.22%	1228.67

6. 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. Abu Taher EE Pay Scale: 22250- 900*10-31250.	Full Time		No	14-02-2011	18-09-2014.	-

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
Mr. Obaidur Rahman Addl. CE Pay Scale: 56500-- -74400.	Full Time		No	18-09-2014	16-08-2015	-
Mr. Atiqur Rahman Addl. CE Pay Scale: 56500-- -74400.	Full Time		Yes	16-08-2015	02-05-2016	-
Mr. Md. Abdul Mannan Addl. CE Pay Scale: 56500-- -74400.	Full Time		Yes	02-05-2016	09-05-2017	-
Mr. Mohammad Ali Addl. CE Pay Scale: 56500-- -74400.		Part Time	Yes	09-05-2017	30-06-2017	-

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
Car						.
Jeep	1 Nos	1 Nos 14.10.2014	-	01.07.2017	-	
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 above Tk. 100.00 lakh :

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Propo sal 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
1) Bank revetment work in Brahmaputra Right bank from Km 52.000 to Km 52.120 (including end termination) at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W1/ Lot No. 01/03).	2087.50	1049.24	04.03.2013	02.01.2014	01.06.16	01.06.16
2) Bank revetment work in Brahmaputra Right bank from Km 52.120 to Km 52.285 at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W1/ Lot No. 02/03).		506.76	04.03.2013	02.01.2014	12.02.17	12.02.17
3) Bank revetment work in Brahmaputra Right bank from Km 52.285 to Km 52.450 at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W1/ Lot No. 03/03).		458.53	04.03.2013	02.01.2014	25.06.17	25.06.17
4) Bank revetment work in Brahmaputra Right bank from Km 52.450 to Km 52.595 at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W2/ Lot No. 01/02).	905.00	449.17	04.03.2013	02.01.2014	31.01.17	31.01.17
5) Bank revetment work in Brahmaputra Right bank from Km 52.595 to Km 52.740 at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013(Package No. Kuri-W2/ Lot No. 02/02).		448.95	04.03.2013	02.01.2014	26.02.17	26.02.17
6) Bank revetment work in Brahmaputra Right bank from Km 52.740 to Km 53.00 at Anantapur in Ulipur Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -29761, Package No. Kuri-W8)	843.22	808.15	23.08.2015	04.12.2015	25.06.17	25.06.17
7) Bank revetment work in Brahmaputra Right bank from Km 61.320 to Km 61.112 (including end termination) at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W3/ Lot No. 01/02).	1375.49	730.70	04.03.2013	26.06.2013	01.03.17	01.03.17
8) Bank revetment work in Brahmaputra Right bank from Km 61.112 to Km 60.940 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W3/ Lot No. 02/02).		643.66	04.03.2013	26.06.2013	02.06.17	02.06.17

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Propo sal 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
9) Bank revetment work in Brahmaputra Right bank from Km 60.940 to Km 60.795 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W4/ Lot No. 01/02).	1202.56	593.04	04.03.2013	26.06.2013	14-06-17	14-06-17
10) Bank revetment work in Brahmaputra Right bank from Km 60.795 to Km 60.650 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W4/ Lot No. 02/02).		598.01	04.03.2013	26.06.2013	14.06.17	14.06.17
11) Bank revetment work in Brahmaputra Right bank from Km 59.570 to Km 59.940 at kachkol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18049, Package No. Kuri-W13/ Lot No. 01/03).	2433.59	1186.81	21.01.2015	26.04.2015	25.06.17	25.06.17
12) Bank revetment work in Brahmaputra Right bank from Km 59.940 to Km 60.120 at kachkol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18051, Package No. Kuri-W13/ Lot No. 02/03).		565.52	21.01.2015	26.04.2015	25.06.17	25.06.17
13) Bank revetment work in Brahmaputra Right bank from Km 60.120 to Km 60.300 at kachkol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18056, Package No. Kuri-W13/ Lot No. 03/03).		599.26	21.01.2015	11.05.2015	25.06.17	25.06.17
14) Bank revetment work in Brahmaputra Right bank from Km 60.300 to Km 60.475 at kachkol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18039, Package No. Kuri-W09/ Lot No. 01/02).	1207.42	606.20	21.01.2015	11.05.2015	14.06.17	14.06.17
15) Bank revetment work in Brahmaputra Right bank from Km 60.475 to Km 60.650 at kachkol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18041, Package No. Kuri-W09/ Lot No. 02/02).		601.22	21.01.2015	11.05.2015	25.06.17	25.06.17
16) Bank revetment work in Brahmaputra Right bank from Km 57.870 to Km 58.110 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61103, Package No. Kuri-W21)	860.44	873.36	29.06.2016	14.11.2016	25.06.2017	25.06.17
17) Bank revetment work in Brahmaputra Right bank from Km 58.110 to Km 58.350 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61105, Package No. Kuri-W22)	861.75	818.90	29.06.2016	16.11.2016	25.06.2017	25.06.17

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Propo sal 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
18)Bank revetment work in Brahmaputra Right bank from Km 58.350 to Km 58.590 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61106, Package No. Kuri-W23)	861.75	849.84	29.06.2016	03.11.2016	25.06.2017	25.06.17
19)Bank revetment work in Brahmaputra Right bank from Km 58.590 to Km 58.810 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61107, Package No. Kuri-W24)	786.45	804.85	29.06.2016	06.11.2016	25.06.2017	25.06.17
20)Bank revetment work in Brahmaputra Right bank from Km 58.810 to Km 59.030 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61098, Package No. Kuri-W16)	760.07	793.18	29.06.2016	01.11.2016	25.06.2017	25.06.17
21)Bank revetment work in Brahmaputra Right bank from Km 59.030 to Km 59.250 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61099, Package No. Kuri-W17)	744.97	783.69	29.06.2016	03.11.2016	25.06.2017	25.06.17
22)Bank revetment work in Brahmaputra Right bank from Km 59.250 to Km 59.410 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61100, Package No. Kuri-W18)	591.38	619.01	29.06.2016	07.11.2016	25.06.2017	25.06.17
23)Bank revetment work in Brahmaputra Right bank from Km 59.410 to Km 59.570 at Kaskol in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2016-17 (ID No -61101, Package No. Kuri-W19)	591.38	593.04	29.06.2016	06.11.2016	25.06.2017	25.06.17
24)Repair/Rehabilitation of Kalirkura X-Bar No-1 at Km. 57.327 of Brahmaputra Right Embankment in Ranigonj Union, Upazilla-Chilmari, District-Kurigram under Kurigram O&M Division, BWDB, Kurigram during the year 2015-16 (ID No -59595, Package No. Kuri-W20)	1406.94	1349.31	16.06.2016	03.11.2016	25.06.2017	25.06.17
25)Bank revetment work in Brahmaputra Right bank from Km 64.390 to Km 64.530 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W5/ Lot No. 01/02).	788.50	415.43	04.03.2013	02.01.2014	02.06.16	02.06.16
26)Bank revetment work in Brahmaputra Right bank from Km 64.530 to Km 64.665 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W5/ Lot No. 02/02).	788.50	398.99	04.03.2013	02.01.2014	02.03.17	02.03.17

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Propo sal 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
27)Bank revetment work in Brahmaputra Right bank from Km 64.665 to Km 64.805 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W6/ Lot No. 01/02).	815.50	410.75	04.03.2013	02.01.2014	02.03.17	02.03.17
28)Bank revetment work in Brahmaputra Right bank from Km 64.805 to Km 64.940 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W6/ Lot No. 02/02).		426.51	04.03.2013	02.01.2014	02.03.17	02.03.17
29)Bank revetment work in Brahmaputra Right bank from Km 64.940 to Km 65.080 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W7/ Lot No. 01/02).	865.00	449.58	04.03.2013	02.01.2014	29.02.16	29.02.16
30)Bank revetment work in Brahmaputra Right bank from Km 65.080 to Km 65.215 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2012-2013 (Package No. Kuri-W7/ Lot No. 02/02).		433.49	04.03.2013	02.01.2014	24.05.16	24.05.16
31)Bank revetment work in Brahmaputra Right bank from Km 65.215 to Km 65.355 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18059, Package No. Kuri-W10/ Lot No. 01/02).	852.50	446.22	21.01.2015	11.05.2015	17.03.17	17.03.17
32)Bank revetment work in Brahmaputra Right bank from Km 65.355 to Km 65.490 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18063, Package No. Kuri-W10/ Lot No. 02/02).		425.43	21.01.2015	30.04.2015	24.03.17	24.03.17
33)Bank revetment work in Brahmaputra Right bank from Km 65.490 to Km 65.630 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18064, Package No. Kuri-W11/ Lot No. 01/02).	858.50	448.68	21.01.2015	11.05.2015	27.03.17	27.03.17
34)Bank revetment work in Brahmaputra Right bank from Km 65.630 to Km 65.765 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18065, Package No. Kuri-W11/ Lot No. 02/02).		433.22	21.01.2015	11.05.2015	27.03.17	27.03.17

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Propo sal 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
35)Bank revetment work in Brahmaputra Right bank from Km 65.765 to Km 65.905 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18066, Package No. Kuri-W14/ Lot No. 01/02).	827.50	421.92	21.01.2015	11.05.2015	23.06.17	23.06.17
36)Bank revetment work in Brahmaputra Right bank from Km 65.905 to Km 66.040 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18068, Package No. Kuri-W14/ Lot No. 02/02).		428.40	21.01.2015	30.04.2015	24.03.17	24.03.17
37)Bank revetment work in Brahmaputra Right bank from Km 66.040 to Km 66.240 at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18071, Package No. Kuri-W15/ Lot No. 01/02).	1226.50	573.01	21.01.2015	07.05.2015	25.06.17	25.06.17
38)Bank revetment work in Brahmaputra Right bank from Km 66.240 to Km 66.390 (with end termination) at Chilmari in Chilmari Upazilla under Kurigram O&M Division, BWDB, Kurigram during the year 2014-2015 (ID No -18072, Package No. Kuri-W15/ Lot No. 02/02).		646.52	21.01.2015	07.05.2015	25.06.17	25.06.17

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

Name of the Field	Approved man month		Actual man month utilised	Remarks
	As per DPP	As per contract		
1	2	3	4	5
a) Foreign : N/A.				
b) Local :				

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 DPP :

(In lakh Taka)

Financial Year	Financial provision & physical target as per original DPP				Financial provision & physical target as per latest revised PP			
	Total	Taka	P.A.	Physical %	Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9
2012-13	300.00	300.00	-	1.57%	199.90	199.90	-	0.78%
2013-14	9120.90	9120.90	-	47.66%	3391.98	3391.98	-	13.20%
2014-15	5721.60	5721.60	-	29.90%	3252.10	3252.10	-	12.66%
2015-16	3993.53	3993.53		20.87%	6500.00	6500.00		25.30%
2016-17	-	-	-	-	12347.81	12347.81	-	48.06%
Total	19136.03	19136.03		100.00%	25691.79	25691.79		100.00%

(b) Revised ADP allocation and progress :

(In lakh Taka)

Financial Year	Revised Allocation & target				Taka release	Expenditure & physical progress			
	Total	Taka	P. A.	Physical %		Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9	10
2012-13	200.00	200.00	-	1.00%	200.00	199.90	199.90		0.78%
2013-14	3400.00	3400.00	-	13.00%	3400.00	3391.98	3391.98		13.20%
2014-15	3256.00	3256.00	-	13.00%	3256.00	3252.10	3252.10		12.66%
2015-16	5600.00	5600.00		22.00%	5600.00	5598.93	5598.93		24.63%
2016-17	12950.00	12950.00	-	51.00%	12949.00	12020.21	12020.21		43.95%
Total	25406.00	25406.00		100.00%	25405.00	24463.12	24463.12		95.22%

NB:-On IMED-05 of June,2017, Physical progress achieved on FY 2016-17 was shown 48.12%. As dredging component couldn't be implemented as well as some packages were left without stock pile of blocks. Hence, the actual physical progress achieved on FY 2016-17 will be 43.95%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per DPP	Actual achievement	Reasons for shortfall, if any
<p>(i) The main objective of the project is to protect bank erosion along the right bank of Brahmaputra River at Bairagirhat, Anantapur and Chilmari Bandar area in Kurigram District. To reduce vulnerability of river erosion by implementation of 6450 meter bank revetment work along the right bank of the Brahmaputra River.</p> <p>(ii) Huge immovable public & private properties with estimated total worth of Tk. 151020.00 lakh dispersed in the vicinity of affected area will be saved from erosion.</p>	<p>(i) After completion of the project , River bank erosion along the right bank of Brahmaputra River at Bairagirhat, Anantapur and Chilmari Bandar and adjacent areas in Kurigram District have been fully protected.</p> <p>(ii) The public and private properties amounting Tk more than the estimated cost of RDPP are fully safe from erosion of Brahmaputra river. At present, People are enjoying safety feelings from river erosion .</p>	Nill

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).
<p>BWDB's infrastructure is input, provided service benefits to the stake holders is output</p> <p>(a) Land protected from River erosion</p> <p>(b) people beneficiaries <i>protected homestead</i></p> <p>(c) Agricultural land protected</p> <p>(d) Yield of crop protected</p>	<p>Ha</p> <p>Nos</p> <p>Ha</p> <p>M.Ton</p>	<p align="center">-</p> <p><i>4685 Nos</i></p> <p><i>4450 Ha</i></p> <p><i>3000 M.Ton/yr</i></p>	<p>Yet to be evaluated as the project has been just completed</p>

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02. Cost / Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial (ii) Economic	2.77 : 1.00 3.23 : 1.00	Will be evaluated later by concerned directorate of BWDB
(2) Internal Rate of Return (i) Financial (ii) Economic	38.10% 43.23%	

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

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

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4

(a) Ministry / Agency: Mid Term Evaluation Committee/Ministry of Water Resources

Mr. A.N.M. Rokonudulla, Deputy Chief, MoWR	30-08-2013	-	Instructed to increase the progress of the physical works
Mr. Kazi Obidur Rahman Joint Secretary MoWR	15-04-2015	-	Instructed to complete the Project maintaining quality and quantity
Mr. Md. Ismail Hossain, Director General, BWDB	05.06.2015	-	Instructed to increase the progress
Mr. Mantu Kumar Bishwas Joint Chief MoWR	09-03-2017 to 11-03-2017	-	Instructed to increase the progress
Mr. Abdul Azim Chowdhury Joint Chief Planing Commission	09-03-2017 to 11-03-2017	-	Instructed to increase the progress
Mr. Md. Jane Alam Deputy Chief MoWR	09-03-2017 to 11-03-2017	-	Instructed to increase the progress
Mr. Md. Foridul Islam Sr. Assistant Chief Planing Commission	09-03-2017 to 11-03-2017	-	Instructed to increase the progress
Mr. Abu Ushuf Md. Rasel Assistant Chief MoWR	09-03-2017 to 11-03-2017	-	Instructed to increase the progress

(b) IMED :

Mr. Lushmi Chakma Assistant Director IMED	19-05-2015	-	Suggested to recast DPP for Add. 2.00km work
Mr. Mohammad Tanvir Akkas Assistant Director IMED	09-03-2017 to 11-03-2017	-	Suggested to increase progress
Mr. Md. Mahamudul Hasan Assistant Director IMED	15-06-2017	-	Suggested to complete the Project with in June/2017

(c) Others: (Please specify)**2. Auditing during and after Implementation:****2.1. Internal Audit: No internal audit were conducted**

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

2.2. External Audit:

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
2013-2014	10-11-2014	In connection with test of material of contract.	Reply Submitted. Not resolved
2014-2015	29-10-2015	In connection with Tender.	Reply Submitted. Not resolved

G. DESCRIPTIVE REPORT**1. General Observations/Remarks of the Project on :****1.1 Background**

The proposed project area is situated at Chilmari and Bairaigirhat area at Chilmari Upazila and Anantapur area at Ulipur Upazila in Kurigram District, which is a part of the northwest region of Bangladesh. The Project area comprises the belt of unstable alluvial land along the Brahmaputra-jamuna Rivers where land is constantly being formed and eroded by shifting of river channels. It has an irregular relief of broad and narrow ridges and depressions. The area is occupied by sandy and silty alluvium, rich in weatherable k minerals that are 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 drainage area of 583000 km², 8.1% (47000 Km²) of which lies in Bangladesh. The river originates in the Chemayung-Dung glacier, approximately at 31°30'N and 82°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 southwestern Tibet 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 northeast of Kurigram district. Within Bangladesh territory, Brahmaputra-Jamuna is 240 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 time brings in huge amounts of sediments. The river is in fact a multi-channel one. Channels are of many different sizes and of different patterns including braiding, meandering and anastomosing pattern. The formation and removal (migration) of the chars during monsoon controls the erosion of banklines.

Bairagirhat and Chilmari Bandar are on the right bank of the Brahmaputra river in Kurigram district. Bairagirhat is situated at immediately downstream of the confluence of the Dharla and the Jamuna Rivers. Chilmari Bandar is very important business centre in northern part of the country and situated just upstream of the confluence of the Teesta and the Jamuna Rivers. Both the places are historically renowned having growth centres, schools, colleges and other govt. & non-govt. Installations. Chilmari Bandar plays a very important role in northern Bengal to transport jute, oil, tobacco etc. Chilmari Upazilla headquarter is no far away from the river. The other important establishment at Chilmari area are railway station, community clinic, schools, bazaars, etc. There also exists BWDB embankment along the right bank of river in between Chilmari and Anantapur and other structures.

Right bank erosion of the Brahmaputra river at Chilmari and Bairagirhat area at Chilmari Upazila and Anantapur area at Ulipur Upazila in Kurigram District have been a matter of serious concern since last few decades. Brahmaputra River Training Study (BRTS) also identified these locations as vulnerable to erosion. The comparison of banklines of 1999 and 2005 indicates a maximum 900 right bank erosion at Bairagirhat (Anantapur) area and 600m erosion at Chilmari area. It means progressive erosion has been taking place in the project area. At Anantapur area the yearly rate of erosion was about 90m during 1999-2002. It increased no as high as 220m during 2002-2004. At Thanahat the yearly rate of erosion was about 40m during 1999-2002. In the subsequent years (upto 2005) the yearly rate of erosion was about 50m. At Chilmari the yearly rate of erosion is on the increasing trend since 1999 (80m in 1999-2000 and 110m in 2004-2005). Severe bank erosion took place at Chilmari Bandar during monsoon 2005 as reported by local people.

It was revealed from CEGIS study (CEGIS, April 2006) that for the last few decades the Brahmaputra River had been widening both banks migrating outwards at a higher rate. The rate of erosion varied over time. The rate at which the river was widening had been declining from 150 m/year in 1970s and 1980s to 40 m/year during the last 14 years. During the period 1973-2006 erosion in Kurigram district was 18.160 ha. against the accretion of 220 ha. Analysis of yearly erosion from 2001 to 2006 showed that erosion in Kurigram District was 1.929 ha. The segment of flood protection embankment and other structures were under threat of river bank erosion. Progressive erosion threatened the existing flood control embankment necessitating its retirement. Under an embankment retirement scenario continued bank erosion had a significant impact on the terrestrial environment. The trend of erosion suggested that the problem might deteriorate further. If proper mitigation measures could not be taken to arrest the ongoing erosion process then in course of time Chilmari, Bairagirhat and other adjacent areas i.e. Joragacha, Ramna Bazar, Putimari, Kajaldanga (Thanahat) and many other places will be washed away.

In view of the above circumstances, protection of Bairagirhat and Chilmari area from vulnerability of river bank erosion had been endorsed due to importance at apex level.

Also the project had been considered as priority project of the Honourable Prime Minister of GOB. In order to protect these areas, River Research Institute (RRI), Faridpur in 1997 developed a scale model of the western anabranch on the bathymetry and hydrology of 1995. The model was outdated then due to morphological changes of the highly dynamic Brahmaputra river over the last 10 years. The scale model study recommended for erection of 7 (seven) T-head groyne and 1200m bank revetment works. On the basis of physical modelling study, BWDB formulated a project document (PCP) in January 2002 and processed for approval.

Due to morphological changes, the field conditions were changed during 1995-2002. Accordingly, BWDB reformulated the PCP in October 2002 containing 6.625 Km bank revetment works at three different locations between two sites in stead of T-head groynes and 1200m bank revetment works as proposed earlier. The PCP included the provision for conduction model study. Planning Commission opined for prior conducting of model study under feasibility study of "BWDB new Projects" and follow up formulation of the project as per recommendation of the study. The study was conducted by IWM and accordingly past DPP (phase-1) had been prepared as per recommendations of the study. Already phase-I of this project had been completed with a cost of TK. 9368.00 Lac. & with the bank revetment length 3.026 km in June/2010, the Resultant of that project was very functional i.e protected huge agricultural land, flood control embankment, lot of social infra-structures etc. As per recommendations of the previous study (Sept/2006) conducted by IWM and technical report (Nov/2012) accordingly the DPP (phase-2) has been prepared.

1.2 Justification/Adequacy

Safety of huge immovable properties, valued Tk 15102.00 million (at current market price) located in the vicinity of affected area at Bairagirhat, Anantapur and Chilmari Bandar area in Kurigram district was ensured against proposed investment cost of Tk 2569.179 million. In this context , the project seemed as well as cost effective.

There was a direct relevance of the project to the objective stated above, immediate objective of bank protection of riverbank erosion and the ultimate objective was the safety of lives and properties and its economic impacts was fulfilled for improved environmental impacts.

As for its relevance with the water sector objectives, the project was in line with the policy and micro level plan objective of GOB for poverty reduction as laid down in PRSP.

1.3 Objectives

The main objective of the project was to protect bank erosion along the ritght bank of the Brahmaputra River at Bairagirhat, Anantapur and Chilmari Bandar area in Kurigram District. To reduce vulnerability of river erosion by implementation of 6450 meter bank revetment work along the right bank of the Brahmaputra River.

Huge immovable public & private properties with estimated total worth of Tk. 151020.00 lakh dispersed in the vicinity of affected area will be saved from river erosion.

1.4 Project revision with reasons

During Flood 2014, the extreme right channel of the Brahmaputra River moved towards the embankment at Kaskol-Kalirkura and started flowing adjacent with the embankment. For this reason, the embankment from km. 87.820 to km. 89.820 become vulnerable to erosion & the R/S slope with it's crest of major length of the said vulnerable embankment washed out suddenly. To control that disasterous situation and to save the embankment from breaching or washing out into the river, emergency work had to execute. At that time, the situation was taken under control by continuing dumping of sand filled geo bags on emergency basis.

Mr. Motahar Hossain, Superintending Engineer, Design Circle-6, BWDB, Dhaka visited on 28.04.2014 the vulnerable area from Kalirkura to Kaskol area. He advised to take immediate action against bank erosion in the affected area.

He was anxious that without urgent mitigation against river erosion from Kalirkura to Kaskol, Chilmari (10 Vent) regulator along with BWDB's Brahmaputra Right Embankment will be partially engulfed into the river and it would not be possible to obtain targeted goal from the completed, ongoing and planning project.

After that, the 3rd steering committee's meeting held on 14.10.2014 at MoWR in C/W the emergency situation. In that meeting the field officials of BWDB presented the Google Map showing the endangered situation of the embankment portion from km. 87.820 to km. 89.820 at Kaskol-Kalirkura and stated how its importance was to execute permanent protective work by the inclusion under the ongoing project. After an elaborate discussion, a decision was made to form a committee comprising MoWR, Planning commission, IMED and BWDB for recommendation after their field visit. The committee visited the site on 27.02.2015 and recommended to include that portion of the endangered embankment including rehabilitation of Spur no.1 at Kalirkura under the ongoing project and suggested to take emergency measures, so that there might not be occurred breaching of that portion of embankment or keeping it as it was until execution of permanent protective work. To keep the limit of project cost, the committee also suggested to exclude 300 meter protective work from Anantapur part under the DPP provision because of its less importance on this existing situation comparing with the location at Kaskol-Kalirkura.

The 4th steering committee meeting related to the project held on 07.04.2015 at MoWR. After detailed discussion, the committee suggested for checking the breach of said 2.00 km. embankment along with infrastructures before flood of 2015 by the budget allocation 2015 of the ongoing project through emergency protective work was subjected to inclusion in the RDPP. Revision of DPP and it's approval for execution of the proposed protective work could take a long time.

Again the flood of 2015, it would be a chance for breaching the embankment which could engulf BWDB's embankment along with infrastructures, ongoing phase-2 project and might cause damage to the completed phase-1 project with a vast area of Chilmari Upazilla with Upazilla Headquarter. The meeting also asked BWDB to take immediate step for submission of RDPP by inclusion of protective work with adjustment of emergency measure.

As per decision/recommendation of the 4th steering committee's meeting, design no NWZ/4(B) 8185-8190 date: 13/05/15 was prepared for emergency protective work of the embankment from km. 57.870 to 59.870 Kaskol-Kalirkura and design no. NWZ/ 4(B) date: 02/06/2015 was prepared for permanent protective work at same location for the preparation of RDPP. So that the part of emergency work could be adjusted to the permanent protective work during its execution. Accordingly, emergency work was done following the first one design (the position of embankment before and after execution the emergency work and considering the 60% salvaging with 10% stack pile) from the executed emergency protective work. The estimate was prepared for permanent protective work under this revised DPP (This adjustment is done in the Packages Kuri-W16 to W-19, Kuri-W-21 to W-24 & kuri-13/14-105 (partly).

Accordingly, in the revised DPP, the rehabilitation of the Spur no.1 at km. 57.327 of embankment in Kalirkura area was included and 500 meter of Protective work was dropped instead of 300 meter from the Anantapur part because of its less importance as well as minimized the project cost. On the other hand, as per revised design, 1500 meter protective work changed to 1750 meter towards U/S at Kaskol area under the original DPP due to its U/S End termination changed to linearly adjustment with proposed U/S newly included portion in the revised DPP. Hence, the newly proposed U/S 2000 meter protective work decreased to 1750 meter and due to the presence of Kalirkura x-bar at km. 57.327 (included for rehabilitation) no U/S End termination was required in the protective work of Kaskol-Kalirkura part as per design. Moreover, further 50 meter of protective work reduced from whole of protective work designed for this part considering the covering of the spur action upto 550 meter at its D/S. So, at Kaskol-Kalirkura part, the total protective work included in the revised DPP was 3450 meter (1500m+250m+1750m-50m) which is from km. 57.870 to km. 61.320. And due to proposed dropping of 500 meter protective work from D/S part at Anantapur, total protective work proposed in the revised DPP was 6450 meter (1000m at Anantapur+3450 meter at Kaskol-Kalirkura+2000 meter at Chilmari Bandar (Ramna ghat) area. So newly 1450 meter (6450m-5000m) of permanent protective work was included in the revised DPP.

As per direction of the Honorable Prime Minister in the ECNEC meeting held on 04.08.2015, in observation of the river course, flowing channels and formation of shoal's under the water in the Google map of the project area, 500 meter of removal of newly formatted shoal in a nearest distance from the embankment at Kaskol by dredging was included in the revised DPP. This revised DPP was recast as per recommendation of the Divisional Project Evaluation Committee (DPEC) meeting held on 26.10.2015 at MoWR.

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 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 was 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 context, present project that was implemented last June 2017 is very much rationale. 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. 151020.00 lakh will be ensured against river erosion.

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

Project Identification: As per recommendation of IWM study which was Right bank erosion of the Brahmaputra river at Kaskol & Romna area in Chilmari Upazilla, Bairagirhat & Anantapur area at Ulipur Upazilla in Kurigram District became a matter of serious concern since last few decades. Brahmaputra River Training Study (BRTS) also identified those locations as vulnerable to erosion. It was revealed from CEGIS study (CEGIS, April 2006) that for the last few decades the Brahmaputra River was widening both banks migrating outwards at a higher rate. Progressive erosion could threaten the existing flood control embankment necessitating its retirement. Considering such issue, protection of Bairagirhat and Chilmari area from vulnerability of riverbank erosion was endorsed due to the importance at apex level. As a priority project of the honourable Prime Minister of GOB, a study was conducted by IWM to trace the vulnerability of the specified area along the right bank of Brahmaputra river.

◆ **Project Preparation :**

A technical committee was formed by BWDB to examine the feasibility of the project. Accordingly the technical committee visited the project area. After verification and 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.

- ◆ **Appraisal:** The project was appraised by planning commission on 28.03.2016
- ◆ **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 05.02.2013 & Subsequent revision was approved on 28.06.2016
- ◆ **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 Brahmaputra River Right Bank at Bairagirhat and Chilmari Bandar area of Chilmari and Ulipur Upazila of Kurigram District from Brahmaputra River.**

* Safety of Public & Government owned assets and natural resources of Bairagirhat and Chilmari Bandar and adjacent areas of Kurigram 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 55 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 infrastructures 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 maintenance.

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 15102.00 million.
- (2) It generated employment for skilled/unskilled during construction period and also employment will be generated in annual O&M Phase in project performance. Also better employment access in business territory sectors will be increased.
- (3) Natural security against river Bank erosion is resorted.

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

Positive remarks regarding the Project.

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

Not applicable


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

5.1	Project Management	5.12	Time & Cost Over-run
5.2	Project Director	5.13	Project Supervision/Inspection
5.3	Land Acquisition	5.14	Delay in Decision
5.4	Procurement	5.15	Transport
5.5	Consultancy	5.16	Training
5.6	Contractor	5.17	Approval
5.7	Manpower	5.18	Others.
5.8	Law & Order		
5.9	Natural calamity		
5.10	Project financing, allocation and release.		
5.11	Design formulation/approval		

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

6. Remarks & Recommendations of the Project Director :

In this project, 6450 meter Bank protection work was implemented (Anantapur 1000m, Kaskol 3450m and Ramna 2000m) and a cross bar named Kalirkura cross bar was rehabilliated. Both the items, revetment work and cross bar are functioning well as planned to protect the Bairagirhat and Chilmari Bandar area. It is protecting the immovable properties (as estimated in the RDPP) of the project area. In Anantapur, already 60 Ha land has been reclaimed and now the river flow has also been diverted from the Kalirkura cross bar due to construction of the cross bar. After the successfull implementation of this project, Bairagirhat, Anatapur and Chilmari Bandor area of Kurigram District have been protected from river erosion and the river bank erosion problem along the Right bank of Brahmaputra river of the project area have been mitigated. As such the safety of flood control embankment, human livelihood and properties have been incresed. Proper monitoring & regular maintainence of the bank revetment work will be continued to ensure the sustainability of the project. It needs budget allocation for regular maintenance of the project, othewise the benefits of the project might be hampered.


 (Aziz Muhammad Chowhury)
 Chief Engineer
 Northern Zone
 BWDB, Rangpur

Date :

Signature and seal of the Project Director/Manager

7. Remarks/Comments of Agency Head

Implementation of this project has protected Bairagirhat, Anantapur and Chilmari Bandar area from right bank erosion of Brahmaputra river in Kurigram district. 4450 Ha area of cultivable land has been protected which yields yearly 1000 Metric Ton crops. 4685 Nos house/homestead have been saved. Huge immovable public and private properties with estimated total worth of 1510.20 crore Taka have been saved from erosion. This way, it is a successful project indeed.


 24/20/2019

Date :

Signature and Seal
 (Md. Mahfuzur Rahman)
 Director General
 BWDB, Dhaka.

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

Date :

Signature and Seal