

BANGLADESH WATER DEVELOPMENT BOARD



IMED-04/2003 (REVISED)

PROJET COMPLITIION REPORT

NAME OF PROJECT : Bank Revetment work at the left and right bank of Jamuneswary, Chcikly & Charalkata River in Kishoregonj, Taragonj & Badargonj Upazilla.

PERIOD: SEPTEMBER, 2017.

NAME OF DIVISION : SAIDPUR O&M DIVISION, BWDB, SAIDPUR, NILPHAMARI.

NAME OF CIRCLE : RANGPUR O&M CIRCLE-2, 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 : Bank Revetment work at the left and right bank of Jamuneswary, Cheikly & Charalkata River in Kishoregonj, Taragonj & Badarganj Upazilla.
02. Administrative Ministry/Division : Ministry of Water Resources
03. Executing Agency : Bangladesh Water Development Board (BWDB)
04. Location of the Project : Upazila- Kishoreganj, Taraganj & Dadarganj, District- Nilphamari & Rangpur.
05. Objective of the Project:
- To protect the area from the river erosion by protecting river bank at different locations of Kishoregonj, Taragonj & Badarganj upazila.
 - To protect 2500 ha fertile agricultural land from river erosion.
 - To safe infra-structures such as school, college, bazar, hats, bridges etc. of approximate value Tk. 63540.00 lakh.

06. Estimated Cost:

(In lakh Taka)		
	Original	Latest Revised
(a) Total	8355.27	-
(b) Taka	8355.27	-
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approval :

PCP	PP
-----	----
- (a) Original : - 03 February, 2015
- (b) Latest Revised : -

08. Implementation Period:

	Date of Commencement	Date of Completion
(a) Original	January, 2015	June, 2017
(b) Latest Revised	-	-
(c) Actual	January, 2015	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
8355.27	-	8355.27	-

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):

RPA 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 PP		Actual Implementation period	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
2015-2017	-	2015-2017	0.00 %	

CRG

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	8355.27	-	6737.16	(-)19.36%	
TAKA	8355.27	-	6737.16		
PA	-	-	-	-	

03. Project Personnel:

Sanctioned strength as per PP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per pp	Existing manpower for O & M	Others		
1	2	3	4	5	Male	Female
Officer (s)	Existing manpower of the implementing agency were deployed during execution of the project.					
Staff(s)						
Total:						

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

Field of Training /Study tour/workshop/ Seminar etc.	Provision as per PP		Actual		Remarks
	Number of person	Man - months	Number of person	Man - months	
1	2	3	4	5	6

a. Foreign: Not Applicable

b. Local: Not Applicable

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

(In lakh Taka)						
Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
A. Revenue Component:						
Fuel	l Item	5.00	100%	4.89	97.80%	(-0.11); Paid all bills
Petrol & Libricant	l Item	4.00	100%	3.63	90.75%	(-0.37); Paid all bills
Printing & Publications	l Item	2.00	100%	2.00	100%	(0.00)
Stationary, Seal & Stamps	l Item	2.00	100%	2.00	100%	(0.00)
Survey & Investigation	l Item	2.00	100%	1.99	99.50%	(-0.01)
Honourarium for the Members of Steering & Tender Evaluation Committee	l Item	6.00	100%	3.84	64.00%	(-2.16); Paid all bills
Repair & maintenance of existing vehicles (Jeep 4 nos. & Motor Cycle 9 nos.)	l Item	5.00	100%	5.00	100%	(0.00)
Sub Total (A):		26.00		23.35		(-2.65)
b. Capital Component						
Motor Cycle (3 Nos.)	Nos.	6.00	3 Nos.	5.99	3 Nos.	(-0.01)
Photocopier Machine (1 No.)	Nos	1.50	1 No.	1.50	1 No.	(0.00)
Survey Instrument with stand (2 Nos.)	Nos	3.00	2 Nos	2.98	2 Nos	(-0.02)
Brand Computer with Laser Printer & Accessories (Laptop- 3 Nos, Desktop-1 No. & Laser printer-2 Nos.)	Nos.	5.00	6 Nos.	4.99	6 Nos.	(-0.01)
Bank Revetment work (Left & Right) of Jamuneswary 4600 m, Chickly 4550 m and Charalkata 1950 m (total 11100 m)	Meter	7616.26	11100m	6278.29	11100m	(- Because Contract 1337.97); value was less than Estimated Value.
Dredging of Jamuneswary and Chara'kata River at Bahagili, Rahimapur Joybangla, Madaikhamar & Nitai Panialpukur (3500 m.).	Meter	587.51	3500m	420.06	3500m	(-167.45); Physical Work done by Contractor 72.18 % only.
O&M during construction	l Item	10.00	100%	0.00	0.00%	(-10.00)
Sub Total (B):		8229.27		6713.81		(- 1515.46)
Total (A+B):		8255.27	100%	6737.16	96.00%	(- 1518.11)

Signature

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
Mr. Atiqur Rahman, Addl.Chief Engineer Scale: 3 rd Grade (56500-74400)	Full time	-	Yes	03.02.2015	02.05.2016	
Mr. Md. Abdul Mannan Khan, Addl.Chief Engineer Scale: 3 rd Grade (56500-74400)	Full time	-	Yes	02.05.2016	09.05.2017	
Mr. Mohammad Ali, Addl.Chief Engineer Scale: 3 rd Grade (56500-74400)	Full 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	Transferr ed to O & M with date	Condemned/ damaged with date	Remarks
1	2	3	4	5	6	7
Motor Cycle	3 Nos.	1 Nos 29/06/2016	30/06/2016			
		2 Nos 28/06/2017	30/06/2017			

Equipment: Survey Instrument.

Type of transport	Number as per P.P.	Procured with date	Transferred to Transport Pool with date	Transferr ed to O & M with date	Condemned/ damaged with date	Remarks
1	2	3	4	5	6	7
Survey Instrument with stand	2 Nos	28/06/2016	30/06/2016			



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:

(In lakh Taka)

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Bank Protection work by C.C. Block along the Right bank of Jamunaswari River at Shannashipara from Km. 29.00 to Km. 29.50=500 M at upazila Kishoregonj District Nilphamari. (Package No. SW-01)	341.00	332.56	28.06.2015	20.10.15	06.06.16	30.06.17
Bank Protection work by C.C. Block along the Right bank of Jamunaswari River at Ghanirampur Jhakuapara from Km. 38.20 to Km. 38.70=500 M at upazila Taragonj District Rangpur. (Package No. SW-02)	450.40	431.79	28.06.2015	20.10.2015	15.06.16	30.06.17
Bank Protection work by C.C. Block along the Right bank of Jamunaswari River at Rahimapur Joybangla from Km. 40.30 to Km. 40.75=450 M at upazila Taragonj District Rangpur. (Package No. SW-03)	461.44	403.02	28.06.2015	20.10.2015	15.06.16	06.06.17
Bank Protection work by C.C. Block along the Left bank of Jamunaswari River at Nandaram Pachalipara from Km. 42.80 to Km. 43.90=1100 M at upazila Taragonj District Rangpur. (Package No. SW-04)	908.98	786.24	28.06.2015	20.10.2015	15.06.16	17.05.17
Bank Protection work by C.C. Block along the Left bank of Chickly River at Mondolpara from Km. 66.00 to Km. 67.00=1000 M at upazila Badargonj District Rangpur. (Package No. SW-05)	628.08	541.40	28.06.2015	24.10.2015	20.06.16	20.06.16
Bank Revetment Work along Right Bank of Jamuneshwary River from Km 52.25 to Km 52.75= 500 meter at Feskipara in Badargonj UZ, Dist. Rangpur. (Package No. SW-07)	405.05	364.41	28.06.2015	25.10.2015	21.06.16	06.06.17
Bank Protection work by C.C. Block along the Left bank of Chickly River at Chengpara from Km. 64.50 to Km. 65.50=1000 M at upazila Taragonj District Rangpur. (Package No. SW-08)	614.85	614.05	28.06.2015	20.10.2015	15.06.16	30.05.17
Bank Protection work by C.C. Block along the Left bank of Chickly River at Pathanpara from Km. 69.50 to Km. 70.00=500 M at upazila Badargonj District Rangpur. (Package No. SW-09)	328.98	212.81	28.06.2015	20.10.2015	15.06.16	15.06.16

(Signature)

(In lakh Taka)

Description of procurement (goods/works /consultancy) as per bid document	Tender/Bid/Proposal Cost (in crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Bank Protection work by C.C. Block along the Right bank of Jamuneswari River at South Hazipara from Km. 42.25 to 42.65 = 400 M at upazila Taragonj District Rangpur. (Package No. SW-10)	360.32	354.00	20.08.2015	23.11.2015	15.06.16	15.06.16
Bank Protection work by C.C block along the Right Bank at Madaikhamar of Jamunaswari River from km 67.20 to 67.55 = 350 m at Badargonj Upazilla in Rangpur District (Package No. SW-11)	316.79	272.75	20.08.2015	26.11.2015	22.10.16	30.06.17
Bank Protection work by C.C block along the Right Bank at Shahebgonj of Jamunaswari River from km 68.20 to 69.00 = 800 m at Badargonj Upazilla in Rangpur District (Package No. SW-12)	885.70	740.50	20.08.2015	23.11.2015	21.07.16	30-06-17
Bank Protection work by C.C block along the Left Bank at Uttar Durakuti of Charalkatha River from km 48.00 to 48.80 = 800 m at Kishoregonj Upazilla in Nilphamari District. (Package No. SW-13)	351.49	250.34	20.08.2015	23.11.2015	20.11.16	25-06-17
Bank Protection work by C.C block along the Right Bank at Fazilpur of Chickly River from km 41.30 to 41.80 = 500 m at Taragonj Upazilla in Rangpur District (Package No. SW-17)	272.54	258.39	26.06.2016	20.09.2016	17.05.17	17.05.17
Bank Protection work by C.C block along the Left Bank at Kashirampur Madrasa of Chickly River from km 30.300 to 31.150 = 850 m at Saidpur Upazilla in Nilphamari District. (Package No. SW-18)	379.84	352.02	26.06.2016	21.09.2016	18.05.17	18.05.17
Shoal/Char removal by dredging of Jamuneswari and Charalkata River at Bahagili, Rahimapur Joybangla, Madaikhamar & Nitai Panialpukur in connection with Bank Protection of Jamuneswari, Chickly and Charalkata River at Kishoregonj, Taragonj & Badargonj Upazilla in Nilphamari & Rangpur District. (Package No. SW-21)	587.51	582.00	29.12.2016	29.03.2017	16.06.17	16.06.17

8.2 Use of Project Consultant (s) (Foreign/Local): there was no provision of consultant deployment in this Project.

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
Photocopier Machine (1 No.)	1 No.	28/06/2016	30/06/2017			
Brand Computer with Laser Printer & Accessories (Laptop- 3 Nos, Desktop-1 No. & Laser printer-2 Nos.)	6 Nos.	3 Nos 29/06/2016	30/06/2016			
		3 Nos 28/06/2017	30/06/2017			

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
2014-15	200.00	200.00	-	0.00	-	-	-	-
2015-16	6306.20	6306.20	-	50.00	-	-	-	-
2016-17	1849.07	1849.07	-	50.00	-	-	-	-
Total:	8355.27	8355.27		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
2014-15	0.00	0.00	-	0.00%	0.00	0.00	0.00	-	0.00%
2015-16	2500.00	2500.00	-	50.00%	2500.00	2499.96	2499.96	-	50.00%
2016-17	4600.00	4600.00	-	50.00%	4600.00	4237.20	4237.20	-	46.00%
Total	7100.00	7100.00		100.00%	7100.00	6737.16	6737.16		96.00%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
(a) To protect the area from the river erosion by protecting river bank at different locations of Kishoregonj, Taragonj & Badargonj upazila.	Proposed 11100 m. bank protection works has been completed along the vulnerable river bank located in different points of Jamuneswary, Chickly and Charalkata River at Kishoregonj, Taragonj & Badargonj Upazilla under Nilphamari & Rangpur District	No Shortfall found
(b) To protect 2500 ha fertile agricultural land from river erosion.	About 3000 hec. Agricultural land and other establishments adjacent to the vulnerable river bank located in different points of Jamuneswary, Chickly and Charalkata River of project area is now safe from devastating erosion of above mentioned river.	
(c) To safe infra-structures such as school, college, bazar, hats, bridges etc. of approximate value Tk. 63540.00 lakh.	After the implementation of the protective work att present about 10 km Highway, 2 Nos. Highway Bridge, 50 km. metal & non-metal Road and 450 pucca house, 800 kacha house, 82 nos. of bridge/culvert, many Hat-bazar including other valuable public and private properties in the project area and it's vicinity has been saved from river bank erosion.	

E. BENEFIT ANALYSIS

01. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1st year of operation at full capacity (or during, real production for newly completed project).
(a) Area protected from river bank erosion.	Ha	2500 Ha of agricultural land	2500 Ha of agricultural land
(b) Yeild from protected agricultural land	M Ton	32900.00	39480.00
(C) Properties Land: i) Highway	Km.	10.00	10.00
ii) Highway bridge	Nos	2	2
iii) Local Road (Paka/kacha)	Km.	50.00	50.00
iv) Houses (paka/ semi paka/kacha)	Nos	1250	1250

02. Cost / Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial (ii) Economic	1.99 : 1.00 2.33 : 1.00	Will be evaluated later by concern directorate of BWDB.
(2) Internal Rate of Return (i) Financial (ii) Economic	24.40 % 28.27 %	

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) <u>IMED:</u>			
Mr. Afzal Hossain Director, IMED.	18.10.2016	Excess gap found between each line of C.C. Block in Revetment work of Ghanirampur & Joybangla under Taraganj Upazilla.	Gap between each row & coloumn of C.C. Block should be rectified during finishing work of those packages of Ghanirampur & Joybangla.

0.2. Auditing during and after Implementation:

2.1. Internal Audit: No internal Audit was 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: No external Audit was conducted

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



G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background:

The proposed project area is located at Kishoregonj, Taragonj & Badargonj upazila in Nilphamari & Rangpur District. The area is a part of Northern Region of Bangladesh. The Chickly river entered in the north of Bangladesh in Domar upazila, Dist. Nilphamari and flowing in meandering nature and fallen in the Jamunaeswary River at Pathaner hat in Badargonj upazila under Rangpur District. The length of Chickly River about 43 km and Jamunasewary is 116 km. Chickly River is originated from Burikhora River and Jamunasewary River from lower Beel area of Ketkibari Union under Domar upazila which are passing a long way with meandering nature. During Monsoon a huge quantity of rain water passing through the river and directly hitted at the curve portion by which erosion take place and gulfed the public and government properties like homestead, cultivated land, Roads, Buildings, Bridges/Culverts etc. and inundated huge area. As a result, a large number of people of the locality badly suffered from intrusion of flood water and occurred river erosion that is while the people of the locality and public representative and the Member of the Parliament are requested to protect the river Bank erosion at Chickly river at Taragonj & Saidpur and Charakata & Jamunasewary river in Kishoregonj, Taragonj & Badargonj upazila in Rangpur & Nilphamari.

In this circumstance, it is apprehended to further extend intensity of erosion in ensuing monsoon season. In this context there has been a long standing social demand for taking up immediate protective measures against devastating river erosion. The matter was discussed at higher policy level and opined for initiating immediate sustainable solution against devastating river erosion to safeguard lives, properties and natural environment.

Accordingly, present project has been formulated for immediate erection of 11100.00 meter bank protective work & 3500.00 meter Dredging of Jamuneswary and Charalkata River dispersed in Kishoregonj, Taragonj & Badargonj upazila in Rangpur & Nilphamari.



1.2 Justification/Adequacy:

Bangladesh is a riverine country and bank-line erosion of different rivers has been a recurrent effect. River bank erosion in alluvial lands of Bangladesh is a complex and dynamic thrust of nature due to 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 bankline/flood-plains. The large seasonal variation in river flow results in varying sediment transportation capacity, and causes river-bank erosion, migration of river-banks and meandering of river channels.

1.3 Objectives

- The objective of the project is to protect of Bank along the Bank of Chickly river at Changpara, Mondolpara, Pathanpara, Kashirampur Madrasa, Alampur about 4.05 km and at the right Bank at Fazilpur about 0.50 km. Also, to protect the right of the Jamunasewary river at Shannashipara, UP Bahagili, Ghonirampur Jhakuapara, Rahimapur Joybangla, UP Taragonj & Shahebgonj, Feskipara, UP Badargonj and at the left Bank at Nandaram Pachalipara to Koalapara UP Taragonj about 5.25 km and at the left Bank of Charalkata at Nitai UP Nitai, Uttar Durakuti & Durakuti, UP Bahagili about 1.950 km of Kishorgonj, Taragonj, Saidpur & Badargonj under Nilphamari & Rangpur District. Total 11.100 km eroded River Bank Protection by Bank Revetment works which reduced extension of Bank erosion. At present 3000 hec. Agricultural land, 10 km Highway, 2 Nos. Highway Bridge, 20 km metal & non-metal Road and 450 pucca house, 800 kacha house, 82 nos. of bridge/culvert, many Hat-bazar including other valuable public and private properties is now safe from devastating erosion of above mentioned river.
- The overall achievement of the project is providing safety of human lives, properties & infrastructures and maintaining improvement of economic activities, trade & commerce.
- The contributions of poverty alleviation by ensuring that future economic benefit are achieved.



- The improvement of social & economic condition of the destitute families living in the project area is significant.
- It is observed that substantial employment opportunities and cash income for landless poor & vulnerable people both men and women during the construction period provide a stable environment for development in areas adjacent to the protected river banks.

1.4 Project revision with reasons. Project revision does not require

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

- Bank of Chickly River at Changpara, Mondolpara, Pathanpara, Kashirampur Madrasa, Alampur about 4.05 km and at the right Bank at Fazilpur about 0.50 km. Also the right of the Jamunasewary river at Shannashipara, UP Bahagili, Ghonirampur Jhakuapara, Rahimapur Joybangla, UP Taragonj & Shahebgonj, Feskipara, UP Badargonj and at the left Bank at Nandaram Pachalipara to Koalapara UP Taragonj about 5.25 km and at the left Bank of Charalkata at Nitai UP Nitai, Uttar Durakuti & Durakuti, UP Bahagili about 1.950 km of Kishorgonj, Taragonj, Saidpur & Badargonj under Nilphamari & Rangpur District was under the threat of Bank erosion of the Chickly, Charalkata & Jamunasewary River which was already reduced the threat of Bank erosion. Most of the inhabitants of these area were already shifted there house several times due to the erosion problem. Local people became satisfied. The socio-economic condition was improving day by day. There was no other way to stop the erosion except Bank revetment works because many previously constructed temporary structure failed to tackle the erosion problem. So, it was necessary to protect the existing River Bank from devastating erosion of the river Chickly, Charalkata & Jamunasewary



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

♦ **Project Identification:**

The Project is located along the left/right bank of Chickly, Charalkata & Jamunasewary River.

♦ **Project Preparation:**

Due to the severe erosion problem at Chickly river at Taragonj & Saidpur and Charakata & Jamunasewary river in Kishoregonj, Taragonj & Badargonj upazila in Rangpur & Nilphamari, many homestead, cultivable lands, villages, infrastructures are engulfed in Chickly, Charalkata & Jamunasewary River. To mitigate the erosion problem of the area and to save the homestead, cultivable lands, villages, infrastructures this project inevitable. A Technical Committee was formed by BWDB dated: 24/04/2013 to produce Technical Report of this project by investigates the necessity, feasibility of the project in respect of social, economical & environmental impact, safety of properties & infrastructure and sustainability of the project in technical ground etc and the project is taken on the basis of Technical Committee report.

♦ **Appraisal:** The Project was appraised by planning Commission on 14-09-2014.

♦ **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 by ECNEC on 03.02.2015.

♦ **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 stakeholders 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 houses, educational institution, mosques, high way, Bidges, Culverts, metal & non-metal roads, public properties, agricultural lands from river bank erosion.

4.4.2 Indirect:

- Safety of human livelihood and properties.
- Improvement of socio-economic condition.

4.5 Transfer of Technology and Institutional Building through the project:

Not Applicable

4.6 Employment generation through the project:

A large number of skilled/unskilled workers were employed during construction period.

4.7 Possibility of Self employment:

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

4.8 Possibility of women-employment opportunity:

Yes, there is possibility of women-employment through the project.

4.9 Women's participation in development: Yes.

4.10 Probable Impact on Socio-Economic activity:

By protecting the river bank erosion, various infrastructures are saved from the erosion. As a result socio-economic balance in the locality is enhanced.

4.11 Impact on environment:

Positive Environmental enhancement is achieved through the implementation of the project.

4.12 Sustainability of the project:

The project is sustainable but requires periodic maintenance.



4.13 Contribution to poverty alleviation/reduction:

- Huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk.75810.00 lakh is saved from river bank erosion by the implementation of the project.
- It generated employment for skilled/unskilled workers during construction period and also in annual O&M phase. Also better employment access in business sector is enhanced.
- Natural security against river bank erosion is restored.

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

The public representatives, local elite, local administration, teachers, religious leaders, women's representatives have 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	Approval
5.6	Contractor	5.17	Others.
5.7	Manpower		
5.8	law & Order		
5.9	Natural calamity		
5.10	Project financing, allocation and release.		
5.11	Design formulation/approval		

No such problems encountered.

As per recommendation of IMED, Gap between each row & coloumn of C.C. Block has been rectified during finishing work of those packages of Ghanirampur & Joybangla. And in addition to that as per recommendation of both IMED and Stering committee, the so far implemented work had been declared as complete.



6. Remarks & Recommendations of the Project Director:

The project area is located at Kishoregonj, Taragonj & Badargonj upazila in Nilphamari & Rangpur District. The river Chickly, Charalkata & Jamunasewary is the most erosion prone river in the Northern Zone of Bangladesh. Due to the severe erosion problem at Chickly river at Taragonj & Saidpur and Charakata & Jamunasewary river in Kishoregonj, Taragonj & Badargonj upazila in Rangpur & Nilphamari, many homestead, cultivable lands, villages, infrastructures are engulfed in Chickly, Charalkata & Jamunasewary River. To mitigate the erosion problem of the area and to save the homestead, cultivable lands, villages, infrastructures this project inevitable "Bank Revetment work at the left and right bank of Jamuneswary, Cheikly & Charalkata River in Kishoregonj, Taragonj & Badargonj Upazilla" project was approved in ECNEC held on 03.02.2015.

After the successful implementation of this project, the project area has been protected from severe bank erosion of the river Chickly, Charalkata & Jamunasewary. The socio-economic condition of the people has been improved. Scopes of new jobs & works have been created. The safeties of human livelihood and properties have also been improved. The project will also contribute to attain national self sufficiency in food grains. Proper monitoring and regular maintenance of the revetment works and others necessary components should be continued to ensure the sustainability of the project. Otherwise the benefit of the project might be hampered.



(Aziz Mohammad Chowdhury)

Date:

Signature and seal of the Project Director/Manager

Addl. Chief Engineer
Northern Zone
BWDB, Rangpur

7. Remarks/Comments of Agency Head

Due to implementation of this project different locations of Kishoregonj, Taragonj and Badargonj upazila of Rangpur district have been saved from river erosion by Jamuneswary, Chickly and Charalkata river. About 2500 Ha of agricultural land have been saved which yields 32500 Metric Ton crops per year. 1250 homesteads, 10 Km highway, 50 Km local road, 2 highway bridges, and many other establishments all combining worth of 635.40 Crore Taka have been saved. So, this is a successful project.

Date:

Signature and Seal



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

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

Date:

Signature and Seal

