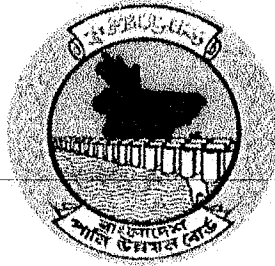


IMED: 04/2003(Revised)

**BANGLADESH WATER DEVELOPMENT BOARD****PROJECT COMPLETION REPORT****IMED FORM NO.:04/2003 (Revised)**

NAME OF PROJECT : RIVER BANK PROTECTION ALONG THE LEFT & RIGHT BANK OF DHARLA RIVER AT GOSHPARA, DAYALTARI & BOSHTARI FOR THE PROTECTION OF FORMER 119 NO BASHKATA CHHITMAHAL AREA IN UZ- PATGRAM, DIST- LALMONIRHAT (1ST REVISED).

DIVISION : LALMONIRHAT O&M DIVISION, BWDB, LALMONIRHAT
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 : River Bank protection along the left & right bank of Dharla river at Goshpara, Dayaltari & Boshtari for the protection of former 119 no Bashkata Chhitmahal area in UZ-Patgram, Dist- Lalmonirhat (1st Revised).

02. Administrative Ministry/Division : Ministry of Water Resources

03. Executing Agency : Bangladesh Water Development Board.

04. Location of the Project : Upazila-Patgram, District-Lalmonirhat.

05. Objective of the Project :

- 1) To protect 1.720 Km. river bank of former 119 no Bashkata Chhitmahal area from severe river bank erosion.
- 2) To safe movable and immovable (homesteads, cultivable lands, educational and regional institutions & other infrastructures, etc) properties from flood during monsoon by repairing of earthen road and buildup the existing level of adjacent land with spoil earth of 4.00 km. shoal/char removal/excavation work.
- 3) To enhance the socio-economic condition as well as livelihood for local dwellers by protecting pacca road and boosting up food grain.

06. Estimated Cost :

	(In lakh Taka)	
	Original	Latest Revised
(a) Total	2474.63	2472.00
(b) Taka	2474.63	2472.00
(c) Foreign Currency		
(d) Project Aid		
(e) RPA		

07. Date of Approval :

PCP	PP
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(a) Original : 14-02-2017

(b) Latest Revised : 14-03-2018

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	January' 2017	June' 2019
(b) Latest Revised	January' 2017	June' 2019
(c) Actual	January' 2017	June' 2019

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
2472.00	-	2472.00	-

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 PP		Actual Implementation period	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
January' 2017- June' 2019	January' 2017- June' 2019	January' 2017-June' 2019	0%	

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	2474.63	2472.00	2367.71	(-) 4.21%	The Project cost is decrease because of change in work scope due to morphological change of the river.
TAKA	2474.63	2472.00	2367.71	(-) 4.21%	
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 man power of the implementation agency was deployed during execution of the project. No separate manpower was engaged for the project.					
Staff(s)						
Total :						

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

Field of Training /Study tour/workshop/ Seminar etc.	Provision as per PP		Actual		Remarks
	Number of person	Man - months	Number of person	Man - months	
1	2	3	4	5	6
a. Foreign	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:						
Petrol, Oil and Lubricants	1 Item	6.00	1 Item	6.00	1 Item	
Printing, Publication & Binding	1 Item	1.50	1 Item	1.50	1 Item	
Stationery, Seals and Stamps	1 Item	1.50	1 Item	1.50	1 Item	
Honorarium/Fees/Remuneration (Mid-term evaluation)	1 Item	10.00	1 Item	9.70	1 Item	
Survey & Investigation	1 Item	3.00	1 Item	3.00	1 Item	
Committee Meetings/ Commission (TOC, TEC and others)	LS	1.00	LS	0.90	LS	
Progress monitoring (PSC, PIC and others)	LS	5.00	LS	1.77	LS	
Repair of Motor Vehicles (EE & SDE Jeep)	Nos	4.00	2	4.00	2	
Sub-Total (Revenue Component)		32.00		28.37		
B) Capital Component:						
Computer / Laptop & Accessories (Printer & Others)	1 Nos	0.80	1 Nos	0.80	1 Nos	
Bank Revetment Works (2.05 Km.)	Km	1725.26	2.05 Km	1660.18	2.05 Km	
River Dredging/ Excavation works (4.0 Km)	Km	713.94	4.00 Km	678.36	4.00 Km	
Sub-Total (Capital Component)		2440.00		2339.34		
Total (A+B)		2472.00	100.00%	2367.71	99.81%	

A

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
(1) Mr. Krishna Kamal Chandro Sarker Executive Engineer Scale: 43000-69850 Tk.	Yes	--	No	23-04-2017	28-12-2017	
(2) Mr. Md. Shofekul Islam Executive Engineer Scale: 43000-69850 Tk.	Yes	--	No	28-12-2017	20-03-2018	
(3) Mr. Md. Abdullah-Al-Mamun Executive Engineer (Addl. Ch.) Scale: 35500-67010 Tk	Yes	--	No	20-03-2018	12-02-2019	
(4) Mr. Md. Ariful Islam Executive Engineer Scale: 43000-69850 Tk.	Yes	--	Yes	28-02-2019	Till date	

07. Procurement of Transport (in Nos.): No vehicles were procured under this project.

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 (2350 CC)	-	-	-	-	-	
Microbus	-	-	-	-	-	
Minibus	-	-	-	-	-	
Bus	-	-	-	-	-	
Double Cabin Pick-up (2478 CC)	-	-	-	-	-	
Truck	-	-	-	-	-	
Motor Cycle (125 CC)	-	-	-	-	-	
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/Proposal Cost (in lakh Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Bank revetment work along the right bank of Dharla river from Km. 4.580 to Km. 4.880 (= 300m) at Goshpara in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 99577, Package no: Lal/Chhitmahal-01)	283.35	265.92	26-04-2017	20-06-2017	30-06-2018	30-06-2018
Bank revetment work along the right bank of Dharla river from Km. 5.400 to Km. 5.820 = 420.00m (Revised length from Km 5.370 to Km 5.820 = 450m) at Goshpara in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 99578, Package no: Lal/Chhitmahal-02)	379.29	355.99	27-04-2017	18-06-2017	07-11-2018	07-11-2018
Bank revetment work along the right bank of Dharla river from Km. 9.850 to Km. 10.250 = 400.00m (Revised length from Km 9.750 to Km 10.150 = 400m) at Dayaltari in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 99579, Package no: Lal/Chhitmahal-03)	311.98	285.07	28-04-2017	07-06-2017	30-06-2018	30-06-2018
Bank revetment work along the right bank of Dharla river from Km. 11.500 to Km. 11.900 (= 400.00m) at Boshitari in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 99580, Package no: Lal/Chhitmahal-04)	372.27	362.49	29-04-2017	11-06-2017	05-05-2018	05-05-2018
Bank revetment work along the right bank of Dharla river from Km. 9.450 to Km. 9.750 (= 300.00m) at Dayaltari in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 162002, Package no: Lal/Chhitmahal-10)	266.31	239.69	13-02-2018	02-04-2018	30-06-2019	30-06-2019
Shoal/ char removal by dredging/ excavation of Dharla river from Km. 4.400 to Km. 5.500 at Goshpara in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 123518, Package no: Lal/Chhitmahal-07)	207.12	183.41	28-09-2017	15-11-2017	26-06-2018	26-06-2018
Shoal/ char removal by dredging/ excavation of Dharla river from Km. 9.500 to Km. 10.500 at Dayaltari in UZ. Patgram, Dist. Lalmonirhat (Tender ID: 123520, Package no: Lal/Chhitmahal-09)	202.4	181.37	30-09-2017	23-11-2017	26-06-2018	26-06-2018

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
2016-2017	300.00	300.00	-	4.00	98.90	98.90	-	4.00
2017-2018	1657.08	1657.08	-	88.00	2020.00	2020.00	-	88.00
2018-2019	517.55	517.55	-	8.00	353.10	353.10	-	8.00
Total =	2474.63	2474.63	-	100.00%	2472.00	2472.00	-	100.00%

(b) Revised ADP allocation and progress :

Financial Year	Revised Allocation & target				Taka release	(In lakh Taka) Expenditure & physical progress			
	Total	Taka	P.A.	Physica 1 %		Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9	10
2016-2017	100.00	100.00	-	4.00	100.00	98.90	98.90	-	4.00
2017-2018	2000.00	2000.00	-	88.00	2000.00	1996.47	1996.47	-	88.00
2018-2019	288.00	288.00	-	8.00	288.00	272.34	272.34	-	7.81
Total =	2388.00	2388.00	-	100.00%	2388.00	2367.71	2367.71	-	99.81%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
(a) To protect 1.720 Km. river bank of former 119 no Bashkata Chhitmahal area from severe river bank erosion.	Construction of 1.720 km revetment work has been completed along the vulnerable river bank of Dharala river near Bashkata Chhitmahal of Patgram Upazila in the district of Lalmonirhat. After completing this work river erosion is totally locked. People of Bashkata Chhitmahal area are living beside Dharala river peacefully without river erosion.	No Shortfall
(b) To safe movable and immovable (homesteads, cultivable lands, educational and regional institutions & other infrastructures, etc) properties from flood during monsoon by repairing of earthen road and buildup the existing level of adjacent land with spoil earth of 4.00 km. shoal/char removal/excavation work.	After completed earthen road repair local people & students are used this road. Cultivated crop carry easily of local market for sell. Local people also satisfied for repair this road. Shoal/char removal/excavation work at 4.00 km to fill up ditch the existing level of adjacent land with spoil earth. Flood water passway easily this canal without enandation local area.	
(c) To enhance the socio-economic condition as well as livelihood for local dwellers by protecting pacca road and boosting up food grain.	To protect pacca road local people transport easily one place to another. Boosting up food grain to improve the socio-economic condition as well as livelihood for local dwellers.	

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).
1	2	3	4
(a) Agriculture Land	Ha	450	Implementation of the project has just been completed and output of the project can be assessed during evaluation carried out by IMED.
(b) House (Paka & Semi-paka)	Nos.	160	
(c) Pacca Road	Km	15	
(d) Kacha Road	Km	30	
(e) Bridge & Culverts	Nos.	9	
(f) Hat, Bazar (including shop)	Nos.	4	
(g) School, Mosques, Mandir, Family Planning Office etc.	Nos.	8	
(h) Brick Field	Nos.	2	

02. Cost / Benefit:

Item	Estimated	Actual
1	2	3
(1) Benefit cost ratio of the project	(i) 1.41 : 1.00	Will be evaluated later by BWDB's concerned office & IMED.
(i) Financial	(ii) 1.66 : 1.00	
(ii) Economic		
(2) Internal Rate of Return	(i) 18.95%	
(i) Financial	(ii) 22.69%	
(ii) Economic		

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

No shortfall found between the estimated and actual benefit.

F. MONITORING AND AUDITING

0.1 Monitoring:

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
(a) Ministry / Agency:			
01) Mantu Kumar Biswas Joint Chief, Planning Wing Ministry of Water Resources	09-09-2018	-	Complete the project as per design and specification
02) Abu Yousuf Mohammad Rasal Senior Assistant Chief, Planning-3 Planning Wing Ministry of Water Resources	09-04-2019	-	Complete the project as per design and specification

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:

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
2018-2019	24-06-2019	1) Irregular expenditure of the Government for non-tender item bill paid without inviting any tender. 2) Government financial damage for abandoned CC block due to lack of exact counting in stock register & asset inventory.	One solved. And another in process.

G. Description Report

1. General observations/Remarks of the Project:

1.1 Background:

The Land Boundary Agreement (LBA) between Bangladesh and India was signed in 1974 to exchange enclaves (Chhitmahal) and to simplify their international border. A revised version of the agreement was adopted by the two countries on 7 May 2015, when the Parliament of India passed the 100th Amendment to the Indian Constitution. Under this agreement, which was ratified on 6 June 2015, India received 51 Bangladeshi enclaves (covering 7,110 acres (2,880 ha)) in the Indian mainland, while Bangladesh received 111 Indian enclaves (covering 17,160 acres (6,940 ha)) in the Bangladeshi mainland. The physical exchange of enclaves has been implemented in November, 2015.

The enclave problem between Bangladesh and India was unique in its complex and its impact is felt more as a human rights and socio-economic related problem. The chit-dweller's suffering and lack of access to some basic human rights is not often considered. In addition to restricted freedom of movement and trade barriers, the enclave populations have limited economic opportunities and poor education and medical facilities. No real development work was taken by the concern Government in those areas because they had been treated as "stateless citizens" since 1947 as a result of these enclaves.

After the exchange of the enclaves, the Government of Bangladesh gives special emphasis and instructed to the concern Department/ Division to take necessary steps for undertaking development programs/ activities to upgrade the socio-economic condition of that area. The Deputy Commissioner, Lalmonirhat is instructed to take the special responsibility for conforming the citizen right and other facilities for the people of those 111 Enclaves. Accordingly, the concern Department/ Division of Lalmonirhat district prepared special development work plan and submitted to the Deputy Commissioner, Lalmonirhat. As a part of the development plan, Lalmonirhat O&M Division, Bangladesh Water Development Board (BWDB), Lalmonirhat under the Ministry of Water Resources (MoWR) prepared a development work plan of Tk 1000.00 lakh for 1000.00 meter bank protection work along the right bank of Dharla river at Goshpara, Dayaltari & Boshtari (former 119 no Bashkata Chhitmahal) in Patgram Upazila. Afterwards, the development work plan has been sent to the office of the Honorable Prime Minister through Divisional Commissioner, Rangpur.

In this regard's, the office of the Honorable Prime Minister has given direction to the Ministry of Water Resources (MoWR) for cost justification/ rationalization of that development work. Accordingly, a committee of 5(five) members was formed headed by the Joint Chief, MoWR. The other members of the committee are Deputy Chief-2 & Assistant Chief-3 of MoWR and Executive Engineers of Planning-1 Directorate & Design Circle-6 wing of BWDB. The committee visited the proposed project area on 11-09-2015 and submitted a field visit report to the Director (Administration), Office of the Honorable Prime Minister.

During the visit, the committee agreed that the proposed bank protection work has to be taken up to protect former 119 no Bashkata Chhitmahal area from severe river bank erosion. They also instructed to the Executive Engineer of Lalmonirhat O&M Division to include extra length (Beyond of proposed 1000.00M length in Chhitmahal) for sustainability of the project.

Afterwards, instruction is also given by Ministry of Water Resources (MoWR) to prepare a DPP according to the recommendation of the field visit report vided memo no 42.00.0000.041.15.008.12-256, date: 06-12-2015. (According to the above instruction, this DPP has been prepared.

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 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 occurrences of devastating river erosion. This has significant social and economic impacts. The loss of land, crop and property has led to landless and impoverishment of thousands of dwellers living within bank lines. The large seasonal variation in river flow results in varying sediment transportation capacity and causes river-bank erosion, migration of river-banks and meandering river channels. Recent Satellite Image Studies of the Ganges- Brahmaputra-Middle Meghna river show that 106,300 ha. of land were lost to erosion, while only 19,300 ha were accreted over the period 1982-1992. The net area of 87,000 ha, lost to erosion is equivalent to an annual erosion rate of 8,700 ha. Dharla river is also one of the trans-boundary rivers of Bangladesh. Dharla river is a highly gradient bed slope and occurs every year flashy flood. The left & right banks erosion of the Dharla river at the proposed area is going on unabated at the uncontrolled locations posing threat on homesteads, cultivable land, government and private installations, school, market etc.

1.3 Objectives :

The main objective of the project is to protect the severe bank erosion along the right & left bank of Dharla river at Goshpara, Dayaltari and Boshtrati areas under Patgram Upazila in the district of Lalmonirhat. Another important objective of the project is to prevent flash flood at Boshtari area during Monsoon.

Overall objective of the project is to reduce environmental degradations and human hazards due to river erosion with ensuring safety of lives & properties around the area. Valuable immovable properties (both public and private) including infrastructures will supposed to be saved from vulnerability of river bank erosion by virtue of implementation of the project.

However, the specific objectives and targets of the Project are as follows:

- To protect 1.720 Km. river bank of former 119 no Bashkata Chhitmahal area from severe river bank erosion.
- To save movable and immovable (homesteads, cultivable lands, educational and regional institutions & other infrastructures, etc) properties from flood during monsoon by repairing of earthen road and buildup the existing level of adjacent land with spoil earth of 4.00 km. shoal/char removal/excavation work.
- To enhance the socio-economic condition as well as livelihood for local dwellers by protecting pacca road and boosting up food grain.

1.4 Project revision with reasons:

The Project entitled "River Bank protection along the left & right bank of Dharla river at Goshpara, Dayaltari & Boshtari for the protection of former 119 no Bashkata Chhitmahal area in UZ- Patgram, Dist- Lalmonirhat (1st Revised)." Noted that during the monsoon season at August, 2017 heavy flood occurred in the project area due to excessive rainfall. It broke down the river bank in the project area and entered the country side in making concave form. On 22-09-2017, the mid-term evaluation committee along with project officials visited the project area. During the visit the committee proposed to make change in proposed protective work chainage (km 9.875 to km 10.225 = 400). This matter was discussed on the project implementation committee (PIC) meeting held on 24-09-2017. PIC decided to send an expert officer from design wing to observe the bank erosion physically and after that reporting on it. An experienced officer from design wing visited the project area on 01-10-2017 and on his report, agreed to the proposal of evaluation committee. According to the proposal for accommodating change in chainage & relevant work scope, the DPP needed a revision. Running protective river revetment work shift 100 m up stream to needed fill up ditch on work place for keep exact alignment. For approved design to completed work fill up 50 m ditch. Opinion of the Design Department revised DPP submitted at 14-03-2017, then approved revised DPP (1st Phase) submitted for Administrative approval from Ministry of Water Resource. In revised DPP (1st Phase) are approved running protective river revetment work 400 m is shifted up stream side 100 m from work place at same alignment.

2. Rationale of the Project in respect of concept, design, location and Timing.

Goshpara, Dayaltari & Boshtari areas of Patgram Upazila in the District of Lalmonirhat was under threat of Bank erosion of the Dharla River. Most of the inhabitants of these area were already shifted their houses several times due to erosion problems. Local people became frustrated. The socio- economic condition was deteriorating day by day. Dharla river is a highly gradient bed slope and occurs every year flashy flood. There was no other way to stop the erosion except Bank revetment works because uncontrolled locations posing threat on homesteads, cultivable land, government and private installations, school, market etc. failed to tackle the erosion problem. It was also necessary to protect the existing Dharla left & Right Bank flood control Embankment from devastating erosion of the river Dharla.

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

Project Identification:

The Land Boundary Agreement (LBA) between Bangladesh and India was signed in 1974 to exchange enclaves ((Chhitmahal) and to simplify their international border. After the exchange of the enclaves, the Government of Bangladesh gives special emphasis and instructed to the concern Department/ Division to take necessary steps for undertaking development programs/ activities to upgrade the socio-economic condition of that area. The Deputy Commissioner, Lalmonirhat is instructed to take the special responsibility for conforming the citizen right and other facilities for the people of those 111 Enclaves. The project is located along the left bank & right bank of Dharla river.

Project Preparation:

Accordingly, the concern Department/ Division of Lalmonirhat district prepared special development work plan and submitted to the Deputy Commissioner, Lalmonirhat. As a part of the development plan, Lalmonirhat O&M Division, Bangladesh Water Development Board (BWDB), Lalmonirhat under the Ministry of Water Resources (MoWR) prepared a development work plan of Tk 1000.00 lakh for 1000.00 meter bank protection work along the right bank of Dharla river at Goshpara, Dayaltari & Boshtari (former 119 no Bashkata Chhitmahal) in Patgram Upazila. Afterwards, the development work plan has been sent to the office of the Honorable Prime Minister through Divisional Commissioner, Rangpur.

In this regard's, the office of the Honorable Prime Minister has given direction to the Ministry of Water Resources (MoWR) for cost justification/ rationalization of that development work. Accordingly, a committee of 5(five) members was formed headed by the Joint Chief, MoWR. The other members of the committee are Deputy Chief-2 & Assistant Chief-3 of MoWR and Executive Engineers of Planning-1 Directorate & Design Circle-6 wing of BWDB. The committee visited the proposed project area on 11-09-2015 and submitted a field visit report to the Director (Administration), Office of the Honorable Prime Minister. They also instructed to the Executive Engineer of Lalmonirhat O&M Division to include extra length (Beyond of proposed 1000.00M length in Chhitmahal) for sustainability of the project. Afterwards, instruction is also given by Ministry of Water Resources (MoWR) to prepare a DPP according to the recommendation of the field visit report vided memo no 42.00.0000.041.15.008.12-256, date: 06-12-2015. According to the above instruction, this DPP has been prepared.

Appraisal :

PEC meeting was held on 20-04-2016 in Planning Commission and decision was taken to River Bank protection along the left & right bank of Dharla river at Goshpara, Dayaltari & Boshtari for the protection of former 119 no Bashkata Chhitmahal area in UZ- Patgram, Dist- Lalmonirhat. Technical committee of the project recommended river bank protection work of total length is 2.05 KM and total dredging length is 4.00 KM. As per decision of PEC, Hon'ble Minister, Ministry of Planning approved the project on 14 February 2017.

- **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 14-02-2017 and subsequent revision was approved on 14-03-2018.

- **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 stake holders 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 homesteads, cultivable land, government and private installations, school, market etc. from river bank erosion.
- Protection of flash flood control embankment from being breached due to 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.

Women's participation in development: Yes

4.9 **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.

4.10 **Impact on environment :**

Environmental enhancement is achieved through implementation of the project.

4.11 **Sustainability of the project:**

The project is sustainable but requires periodic maintenance.

4.12 Contribution to poverty alleviation/reduction :

- Huge public and private properties dispersed around the said erosion prone area with approximate total worth of Tk. 8280.00 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.

4.13 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)

5.1 Project Management	5.9 Design formulation/approval
5.2 Project Director	5.10 Time & Cost Over-run
5.3 Procurement	5.11 Project Supervision/Inspection
5.4 Contractor	5.12 Transport
5.5 Manpower	5.13 Approval
5.6 law & Order	5.14 Others.
5.7 Natural calamity	
5.8 Project financing, allocation and release.	

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

6. Remarks & Recommendations of the Project Director :

The river Dharla is the most erosion prone river in Bangladesh. Goshpara, Dayaltari & Boshtari areas of Patgram Upazila in the District of Lalmonirhat were seriously affected by the left & right bank erosion of the river. Many people became helpless and dispersed. The landless people passed inhuman life. Many Government and Non-Government establishments, educational institutions, mosques, roads, homesteads and agricultural land had been engulfed in the river. To protect the further erosion of Goshpara, Dayaltari & Boshtari areas of Patgram Upazila in the District of Lalmonirhat from the left & right bank erosion, "River Bank protection along the left & right bank of Dharla river at Goshpara, Dayaltari & Boshtari for the protection of former 119 no Bashkata Chhitmahal area in UZ- Patgram, Dist- Lalmonirhat (1st Revised)." project was approved in ECNEC on 14-02-2017. Further 1st Revised DPP has been approved by ECNEC on 14-03-2018. After the successful implementation of this project, the project area has been protected from severe left & right bank erosion of the river Dharla. The safety of flood control embankment along the left & right bank of Dharla River has been increased. The socio-economic condition of the people has been improved. Scope of new jobs & works have been created. The safety of human livelihood and properties have also improved. The project will also contribute to attain national

self sufficiency in food grains. Proper monitoring and regular maintenance of the revetment works and other necessary components should be continued to ensure the sustainability and longevity of the project.

Date : 11/09/2019

Signature and seal of the Project Director/Manager
11/09/2019

7. Remarks/Comments of Agency Head

Implementation of the project resulted in reducing river bank erosion of Dhanla River near Jommen Bankata Chitmahal of Patgram Upazilla in Lalmonirhat District. As a result, immovable public and private property are protected from river bank erosion. Also, protection of pucca roads in project area resulted in continued mobility which in turn increases socio-economic condition of people living in the project area. Thus, the project is a successful one.

Date :

Signature and Seal
22/05/2020

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

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

Date :

Signature and Seal