

Government of the People's Republic of Bangladesh
Ministry of Water Resources



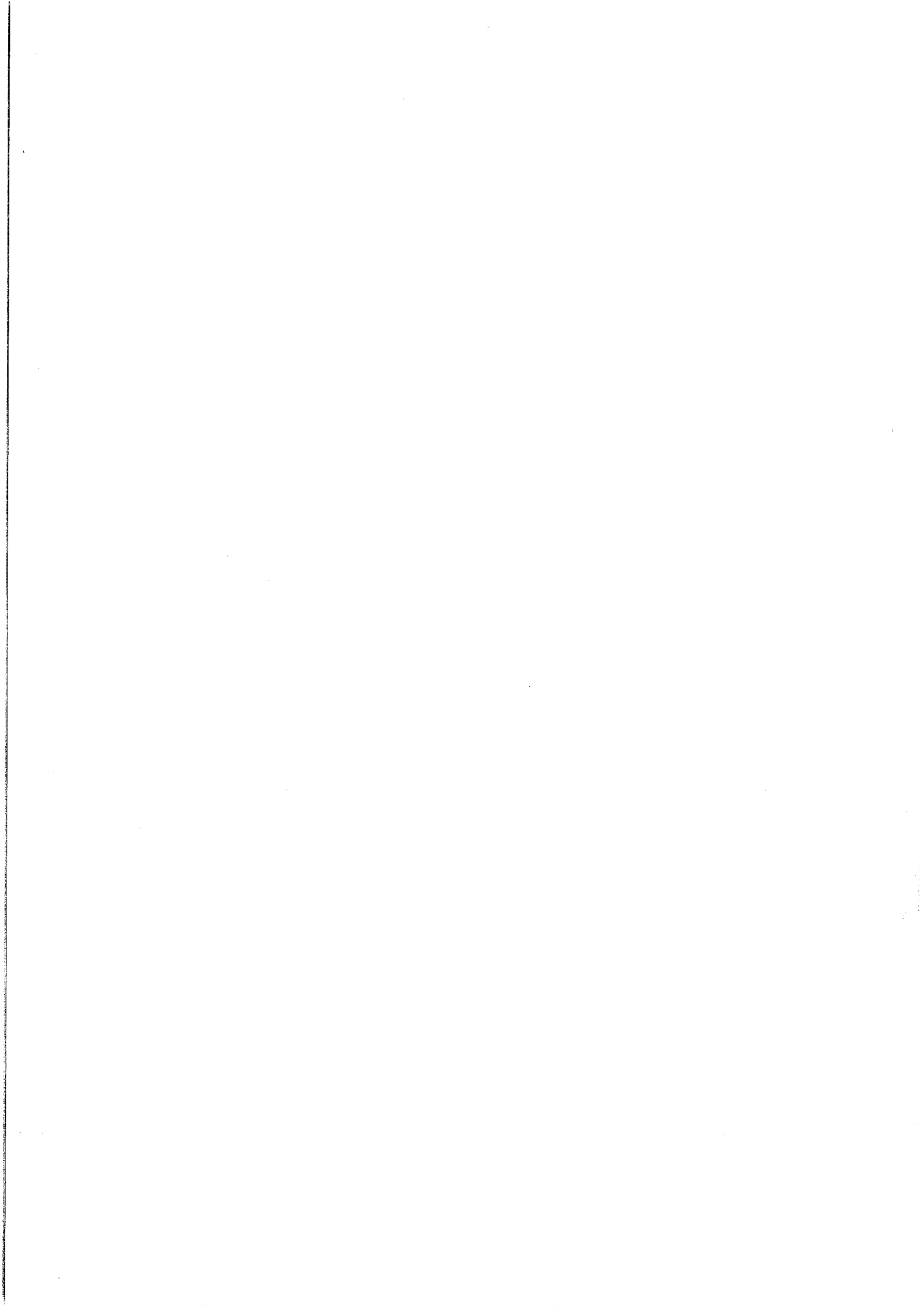
Bangladesh Water Development Board

PROJECT COMPLETION REPORT: IMED 04/2003 (Revised)

**Feasibility Study for the Management of the Brahmaputra and Jinjiram
River Basins through Flood Control, Drainage Facility and Bank Protection
in Kurigram District.**

September 2023

7



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** : Feasibility Study for the Management of the Brahmaputra and Jinjiram River Basins through Flood Control, Drainage Facility and Bank Protection in Kurigram District.
(Project code- 224352800)
02. **Administrative Ministry/Division** : Ministry of Water Resources (MoWR)
03. **Executing Agency** : Bangladesh Water Development Board (BWDB)
04. **Location of the Project** : Kurigram, Jamalpur, Sherpur and Gaibandha District.

05. **Objective of the Project:**

(a) Main Objective:

The main objective of the study is the management of the Brahmaputra and Jinjiram river basins in Kurigram district through flood control, drainage facility and river bank protection.

(b) Specific Objectives:

The specific objectives of the study are as follows:

- Investigation of the feasibility of the flood embankment, drainage facilities in the Brahmaputra river basin within the study area;
- Investigation of the feasibility of river bank protection work along the left bank of Brahmaputra river within the study area;
- Identification of the feasibility and location of regulators along the Brahmaputra river to improve the drainage facility of the study area;
- Assessment of drainage facilities and identification of drainage canals of the study area;
- Investigation of the feasibility of the bank protection work of Jinjiram and connecting rivers within the study area;
- Assessment of the impact of the proposed bank protection works on morphology of the study rivers;
- Design of bank protection works, flood control embankment, drainage canals and regulators at proposed locations;
- Environmental and Social Impact Assessment (ESIA);
- Preparation of DPP of the subsequent investment project.

A.

06. Estimated Cost:

	(In lakh Taka)	
	Original	Latest Revised
(a) Total	498.99	-
(b) Taka	498.99	-
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07.	Date of Approval	:	PCP/PFS	PP
(a)	Original	:	13/03/2022	-
(b)	Latest Revised	:	-	-
(c)	No Cost Time Extension	:	02/01/2023	-

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	March 2022	February 2023
(b) Latest Revised	March 2022	June 2023
(c) Actual	13 March 2022	26 June 2023

09. Financing Arrangement (Source-wise):

9.1 Status of Loan/Grant

a) Foreign Financing : *Not Applicable*

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of Effectiveness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8

b) GOB:

(In lakh Taka)			
Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
498.99	-	498.99	-

9.2 Utilization of Project Aid: *Not Applicable*

(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

9.3 Re-imbursible Project Aid (RPA): *Not Applicable*

(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

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
March 2022- February 2023 (12 months)	March 2022- June 2023 (16 months)	13 March 2022- 26 June 2023 (15 months 15 days)	29.16%	Data collection and mathematical model development of the project took more time than planned for which the consultant could not accomplish the task as scheduled.

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	498.99	-	466.30	(-6.55%)	The actual expenditure was less than the estimated cost.
TAKA	498.99	-	466.30		
PA	-	-	-		

03. **Project Personnel:** Existing manpower of Directorate of Planning-2, BWDB were engaged for implementation of the project.

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)	-	-	-	-	-	-
Staff(s)	-	-	-	-	-	-
Total :	-	-	-	-	-	-

04. **Training of Project Personnel (Foreign/Local):** No provision of training under this project.

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	-	-	-	-	-
b. Local	-	-	-	-	-

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

(In lakh Taka)

Items of work (as per PFS)	Unit	Target (as per PFS)		Actual Progress		Reasons for deviation (±)
		Physical	Financial	Physical (%)	Financial	
1	2	3	4	5	6	7
A. Revenue						
1. Honorarium	LS	100%	2.000	25%	0.500	
2. Domestic Travel Expenses (TA & DA)	LS	100%	1.000	98%	0.976	
3. Consultancy Expenditure	LS	100%	494.990	100%	463.827	
Sub-total (Revenue):		100%	497.990	99.7%	465.303	
B. Capital						
4. Computers & Accessories (1 Laptop)	Nos.	100%	1.000	100%	0.998	
Sub-total (Capital):		100%	1.000	100%	0.998	
Grand-Total		100%	498.990	99.7%	466.301	

X

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
Farzana Ahmed Executive Engineer (Civil) Directorate of Planning-2, BWDB, Dhaka. Grade-5; 43,000-69,850	Yes	-	Yes	24 April 2022	Till date	-

07. Procurement of Transport (in Nos.): *Not Applicable*

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
Jeep	-	-	-	-	-	
Pick-up	-	-	-	-	-	

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 PFS	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Consultancy Services for "Feasibility Study for the Management of the Brahmaputra and Jinjiram River Basins through Flood Control, Drainage Facility and Bank Protection in Kurigram District-Mathematical Modelling Component".	326.43	309.89	10.05.2022	19.07.2022	27.02.2023	26.06.2023

[Handwritten mark]

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 :	-	-	-	
b) Local :	Mathematical Modelling Component: 45 man month Physical Modelling Component: 24 man month Environmental and Social Study Component: 18 man month	Mathematical Modelling Component: 45 man month Physical Modelling Component: 24 man month Environmental and Social Study Component: 18 man month	Mathematical Modelling Component: 45 man month Physical Modelling Component: 24 man month Environmental and Social Study Component: 18 man month	Mathematical Modelling Component was conducted by IWM, Physical Modelling Component was conducted by RRI and Environmental and Social Study Component was conducted by CEGIS.

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
Procurement of laptop	1 Nos.	25.06.2023	-	-	1 Nos	Being used by Directorate of Planning-2, BWDB, Dhaka .

C. FINANCIAL AND PHYSICAL PROGRAMME :

01. (a) Original and revised schedule as per PFS:

(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
2022-23	498.99	498.99	-	100%	-	-	-	-
Total	498.99	498.99	-	100%	-	-	-	-

~~X~~

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
2022-23	478.00	478.00	-	100%	476.93	466.30	466.30	-	99.7%
Total	478.00	478.00	-	100%	476.93	466.30	466.30	-	99.7%

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP/PFS	Actual achievement	Reasons for shortfall, if any
Technical Feasibility Study		
(a) Main Objective		
Management of the Brahmaputra and Jinjiram river basins in Kurigram district through flood control, drainage facility and river bank protection.	Completed. This study analysed 4 different options and recommended the best one based on multi-criteria analysis for the management of Brahmaputra and Jinjiram river within the study area (Section-4, page 4-1 to 4-73 of the final report).	-
(b) Specific Objectives		
Investigation of the feasibility of river bank protection work along the left bank of Brahmaputra river within the study area;	Completed. The study recommended bank protection works along the left bank of Brahmaputra river which is incorporated in section-4 (page 4-72) of the final report.	-
Identification of the feasibility and location of regulators along the Brahmaputra river to improve the drainage facility of the study area;	Completed. The study analysed an option for flood embankment with drainage structures which is incorporated in section-10 (page 10-3, 10-7) of the final report.	-
Assessment of drainage facilities and identification of drainage canals of the study area;	Completed. This study suggested drainage facility for the option related to flood protection of the study area which is incorporated in section-10 (page 10-23 to 10-30) of the final report.	-

Objectives as per PP/PFS	Actual achievement	Reasons for shortfall, if any
Investigation of the feasibility of the bank protection work of Jinjiram and connecting rivers within the study area;	Completed. Recommendation on bank protection work of Jinjiram and other rivers are incorporated in section-10 (page 10-2) of the final report.	
Assessment of the impact of the proposed bank protection works on morphology of the study rivers;	Completed. Impacts of proposed options including bank protection work on the morphology of the study rivers are incorporated in section-10 (page 10-11 to 10-22) of the final report.	
Design of bank protection works, flood control embankment, drainage canals and regulators at proposed locations;	Completed. Design of proposed interventions are incorporated in Volume-II of the final report.	
Environmental and Social Impact Assessment (ESIA);	Completed. A detailed ESIA is done which is incorporated in section-5 of the final report together with a separate report on ESIA.	
Preparation of DPP of the subsequent investment project.	Completed. All necessary documents (such as cost estimate, design etc.) to prepare a DPP is incorporated in the final report.	

E. BENEFIT ANALYSIS

01. Annual Out-put: *Not Applicable* for the Study Project.

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)			
(b)			

X

02. Cost / Benefit: *Not Applicable* (It is not an investment project, hence *not applicable*)

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial (ii) Economic		
(2) Internal Rate of Return (i) Financial (ii) Economic		

03. Please give reasons for shortfall, if any, between the estimated and actual benefit: *Not Applicable*

F. MONITORING AND AUDITING

Monitoring: Nil.

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
a) <u>Ministry / Agency:</u>	-	-	-
b) <u>IMED :</u>	-	-	-
c) <u>Others:</u>	-	-	-

0.2. Auditing during and after Implementation:

2.1. Internal Audit: Not conducted yet.

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: Not conducted yet.

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

4.

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background

The Brahmaputra is one of the major rivers of the greater GBM (Ganges-Brahmaputra-Meghna) basin. Originating from the Manas Sarovar lake region of the Himalayas in Tibet, the river enters into Bangladesh at Rowmari upazila. Rowmari and Rajibpur are two upazilas under Kurigram district located near the left bank of the Brahmaputra river. Both of the upazilas are suffering from flood every year. Visiting the affected area after 2020 flood, the Honb'le Minister of State, Ministry of Water Resources (MoWR) committed the local people about construction of flood protection embankment together with protection of the river bank. Also, the Honb'le Minister of State, Ministry of Primary and Mass Education sent a DO letter to the Honb'le Minister of State of the Ministry of Water Resources in this regard. In this connection, BWDB is formulating a project titled "Construction of town protection flood control embankment in Rowmari and Rajibpur upazilas of Kurigram" for which a feasibility study is required along the left bank of the Brahmaputra river at Rowmari and Rajibpur upazilla to undertake the implementation project.

Another river named Jinjiram river flows through Rowmari and Rajibpur upazila. Jinjiram is a transboundary river originates from the Meghalaya state of India and enters into Bangladesh at Rowmari upazila. The river flows through Rowmari to Ragibpur and later on falls into the Old Brahmaputra river at Kamarer Char upazila under Sadar of Sherpur District. Jinjiram is a flash flood prone river which doesn't have enough current during the dry season. But the heavy rainfall of the adjacent hilly regions during monsoon causes flash flood which results sudden increase of water level and generates extreme currents in the river. The floods of 2020 and 2021 caused severe bank erosion of the river near Barbandha, Ijlamari Bokbandha and Poshchim Lalkura. If the erosion continues at this rate, it will threaten the Kheowarchor Bazar and surrounding high school, primary school, mosque, graveyard and also 3 camps including Kheowarchor (BOP) camp. Also, the erosion may endanger the security system of the Bangladesh-India border, several important government & non-government structures would be at risk, people's lifestyles would be destroyed. Communication system would be disrupted and would cause massive suffering for the people. BWDB is formulating a project titled 'Protection of left and right banks of Jinjiram flowing through Rowmari upazila of Kurigram district' for which a detailed feasibility study is required at the erosion prone areas along the left and right bank of Jinjiram river.

In view of the above, BWDB conducted a detailed feasibility study for the management of the Brahmaupra and Jinjiram river in Kurigram district. The DPEC meeting of the proposed study project was held on 02 February 2022 in the Ministry of Water Resources (MoWR). The Senior Secretary of MoWR presided over the meeting. As per decision of the meeting, the study area for Brahmapurta river has been extended upto Shanandabarihaat of Jamalpur district.

1.2 Justification/Adequacy

The project relevance has been derived from national master plan and national goal of the country. The National Master Plan, Bangladesh Delta Plan 2100, Perspective Plan of Bangladesh and the 8th Five Year Plan have been consulted to frame the project. The relevant slice of the text of the plans are furnished below:

- **Perspective Plan of Bangladesh 2021 – 2041.**

This Plan addresses governance, human development, industry and trade, agriculture, climate change and environment. The Plan presents a path to shift Bangladesh from a rural agrarian economy to a primarily industrial and digital economy.

- **8 th Five Year Plan, FY2021 to FY2025.**

The 8th FY Plan initiates the transition to the goals of the Perspective Plan and is built around six themes: (i) rapid recovery from COVID; (ii) GDP growth acceleration; employment generation, and rapid poverty reduction, (iii) a broad-based strategy of inclusiveness; (iv) a sustainable development pathway that is resilient to disaster and climate change; (v) improvement of critical institutions; and (vi) achieving the United Nations 17 sustainable development goals.

- **National Women Development Policy (2011).**

National Women Development Policy (2011) provides clear goals relating to women, poverty, water, and agriculture in the context of climate change.

- **Linkage with Sustainable Development Goal (SDG)**

SDGs' targets	Integrated Issues (Development Targets) with Government 8FYP
SDG 13. Take urgent action to combat Climate change and its impacts	i) Protection against Flood for safety of people, crop, and other resources. Conservation of rivers, waterways, wetlands etc. ii) River dredging to enhance navigability and to facilitate water transportation and utilization of surface water irrigation.
Achievement of Targets due to implementation of the project	
<ul style="list-style-type: none"> • Mitigation of Flood in the study area. • Protection of riverbanks vis-vis lands and rural resources along the banks of the river. • Enhance food security by taking necessary measures of embankment damage along the banks of the river. 	

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Achievement of Targets due to implementation of the project	
<ul style="list-style-type: none"> • Mitigation of Flood in the study area. • Protection of riverbanks vis-vis lands and rural resources along the banks of the river. • Enhance food security by taking necessary measures of embankment damage along the banks of the river. 	

1.4 Project revision with reasons: Not Applicable

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

The Brahmaputra River has originated from Tibet's Manasarovar and passes through India's Assam state's Goalpara and its left most branch enters the Bangladesh border through the west side of Datbhanga union of Kurigram district's Roumari Upazila. Kurigram district's Roumari and Rajibpur Upazilas are located near the left bank of the Brahmaputra River. These two upazilas are 5.0 km in average width in between the Brahmaputra River and the Bangladesh-India international border. Therefore, these two upazilas have immense importance in the interest of the military & economics including the national security of Bangladesh. Floodwater enters both upazilas every year and floods several places in these upazilas including the upazila sadars. As a result, the people are experiencing tremendous sufferings. Floodwater does extensive damage to the internal roadway system. Agricultural lands go under the floodwater. Jinjiram is a transboundary river originating in the Meghalaya state of India. It enters Bangladesh through Roumari upazila of Kurigram district. It flows from Roumari to Rajibpur and then falls into the Old Brahmaputra River in Dewanganj, Jamalpur. Floods in the previous year 2020 and current year 2021 have caused extensive erosion in the Jinjiram near Barbandha, Ijlamari Bokbandha and West Lalkura. If erosion continues in this rate, there is high risk of a large portion of the area falling into the riverbed. Therefore, it is required to rehabilitate these projects before the next disaster happens.

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

◆ Project Identification

Rowmari and Rajibpur are two upazilas under Kurigram district located near the left bank of the Brahmaputra river. Both of the upazilas are suffering from flood every year. Visiting the affected area after 2020 flood, the Honb'le Minister of State, Ministry of Water Resources (MoWR) committed the local people about construction of flood protection embankment together with protection of the river bank. Also, the Honb'le Minister of State, Ministry of Primary and Mass Education sent a DO letter to the Honb'le Minister of State of the Ministry of Water Resources in this regard.

Another river named Jinjiram river flows through Rowmari and Rajibpur upazila. The heavy rainfall of the adjacent hilly regions during monsoon causes flash flood which results sudden increase of water level and generates extreme currents in the river. The floods of 2020 and 2021 caused severe bank erosion of the river near Barbandha, Ijlamari Bokbandha and Poshchim Lalkura.

Under the circumstances stated above, BWDB has decided to conduct a detailed feasibility study for the management of the Brahmaupra and Jinjiram river in Kurigram district.

◆ Project Preparation

In view of the above, BWDB prepared a PFS to execute the feasibility study project.

Appraisal: The DPEC meeting was held on 02/02/2022.

◆ Credit Negotiation-N/A

- ◆ **Credit Agreement-N/A**
- ◆ **Credit Effectiveness-N/A**
- ◆ **Loan Disbursement-N/A**
- ◆ **Loan Conditionalities-N/A**
- ◆ **Project Approval:** The project was approved by honorable state minister, MoWR on 13/03/2022.
- ◆ **Others (if any).**

4. Analysis of the Post-Implementation situation and result of the project: *Not Applicable for this study project.*

- 4.1 Whether the beneficiaries of the project have clear knowledge about the Target/ Objectives of the project.**
- 4.2 Programme for use of created-facilities of the project**
- 4.3 O & M programme of the project.**
- 4.4 Impact of the project -**
 - 4.4.1 Direct**
 - 4.4.2 Indirect**
- 4.5 Transfer of Technology and Institutional Building through the project**
- 4.6 Employment generation through the project.**
- 4.7 Possibility of Self employment**
- 4.8 Possibility of women-employment opportunity**
- 4.9 Women's participation in development**
- 4.10 Probable Impact on Socio-Economic activity.**
- 4.11 Impact on environment**
- 4.12 Sustainability of the project**
- 4.13 Contribution to poverty alleviation/reduction**
- 4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc.**
- 4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.**

~~X~~

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

5.1 Project Management	5.12 Project aid disbursement and re-imbursment
5.2 Project Director	5.13 Mission of the development partners.
5.3 Land Acquisition	5.14 Time & Cost Over-run
5.4 Procurement	5.15 Project Supervision/Inspection
5.5 Consultancy	5.16 Delay in Decision
5.6 Contractor	5.17 Transport
5.7 Manpower	5.18 Training
5.8 law & Order	5.19 Approval
5.9 Natural calamity	5.20 Others.
5.10 Project financing, allocation and release.	
5.11 Design formulation/approval	

This is a consultancy service procurement project. No such problems were occurred.

6. Remarks & Recommendations of the Project Director:

The study was approved by the Ministry of Water Resources (MoWR) vide memo number :42.00.0000.041.14.056.21-244, dated 13 March 2022. The project was accomplished on 26 June 2023.

The main objective of the study is the management of the Brahmaputra and Jinjiram river basins in Kurigram district through flood control, drainage facility and river bank protection.

The study has been framed to attain its objectives through three components: Mathematical Modelling Component, Physical Modelling Component and Environmental and Social Study Component. Under Mathematical Modelling Component, detailed hydromorphological analysis of the concerned area was done. The feasibility of option-2 was cross-checked by Physical Modelling Component. Under Environmental and Social Study Component of the project, detailed environmental and social impact assessment (ESIA) has been completed to analyse the impact of the project interventions on the environment and the society of the project area.

The study proposed four (4) different options to attain its objectives. Among the 4 options, the best suited option has been selected based on the multicriteria analysis considering technical, economical, environmental and social aspects of the proposed interventions. After analysing the best option, around 51.70 km long bank protection work has been recommended along the left bank of the Brahmaputra river including 21.2 km bank portion around the Char area (connect Dighlapara Char with the mainland). Around 43.35 km length on the right bank of Brahmaputra river has been suggested for bank protection works. Also, around 17.025 km protection works along both banks of the Jinjiram river and around 6.54 km protection works along both banks of the Halhalia river have been recommended for implementation in this study.



It is anticipated that the study project output would help in DPP preparation and implementation of the subsequent investment project.

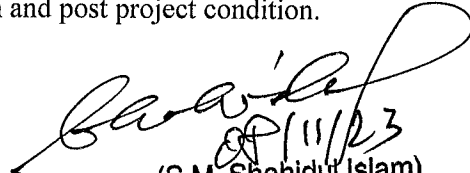

Farzana Ahmed
Project Director & Executive Engineer
Directorate of Planning-2
BWDB, Dhaka.

Date : 07.09.2023

Signature and seal of the Project Director

7. Remarks/Comments of Agency Head

Brahmaputra and Jinjiram river suffer from flood and river bank erosion almost every year resulting in subsequent loss of infrastructures, existing settlements and fertile agriculture lands. So, the need of erosion management along both banks of Brahmaputra and Jinjiram river is urgent. In this context, a detailed feasibility study has been carried out to investigate the hydro-morphological condition of the Brahmaputra and Jinjiram river for identifying suitable protection measures to protect the bank. It is expected that implementation of the project based on the study outcomes would bring lots of benefits to the people living in the project area. It is also anticipated that the project will also generate a significant number of employment opportunities during implementation and post project condition.


09/11/23
(S.M. Shahidur Islam)
ID NO: 650307001
Director General
BWDB, Dhaka.

Date :

Signature and Seal

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

The project has been done successfully and subsequent investment project will be taken as per recommendations of the study.

Date :

Signature and Seal

