

BANGLADESH WATER DEVELOPMENT BOARD**PROJECT MONITORING FORM-IMED-04/2003 (REV.)**

**Name of Project : Integrated Flood Control, Drainage and Irrigation Project
at Right Bank of Karatoa River in Upazilla- Nawabganj &
Ghoraghat, Dist-Dinajpur.**

Division : Dinajpur O & M Division, BWDB, Dinajpur.

Circle : Thakurgaon O & M Circle, BWDB, Thakurgaon.

Zone : Northern Zone, BWDB, Rangpur.

Government of the People's 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 : Integrated Flood Control, Drainage and Irrigation Project at Right Bank of Karatoa River.
02. Administrative Ministry/Division : Ministry of Water Resources.
03. Executing Agency : Bangladesh Water Development Board.
04. Location of the Project : Upazilla- Nawabganj & Ghoraghat, Dist-Dinajpur.
05. Objective of the Project : **The Objective of the Project are:**
- To provide comprehensive FCD facilities to Project the area Covering gross & net benefited area 14500 hac. & 11500 hac. respectively. The Proposed Project has been formulated to meet following multiple objectives.
 - Providing flood management, Irrigation and Drainage facilities to the project area.
 - Reducing damages to crops, properties and installations by reducing pre-monsoon and monsoon flood damage and improving post-monsoon drainage.
 - Accelerating other economic activities by developing social infrastructures.
06. Estimated Cost :

	Original	Latest Revised
(a) Total	2554.91	-
(b) Taka	2554.91	-
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approved :
- (a) Original : 23-07-2013.
- (b) Latest Revised : -

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	01-08-2013	30-06-2015
(b) Latest Revised	-	-
(c) Actual	01-08-2013	30-06-2015

09. Financing Agreement (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
2554.91	-	2554.91	

9.2 Utilization of Project Aid (Source-wise): Not applicable.

(In Million)

Source (s)	Total Amount		Actual Expenditure		Total 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-imburement Project Aid (RPA) :

Not applicable.

(In Lakh Taka)

RPA Amount		Amount	Amount Claimed	Amount Re-imburement	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6
-	-	-	-	-	-



B. IMPLEMENTATION POSITION

01. Implementation Period :

Implementation		Actual Implementation	Time Over-run (% Of original Implementation Period)	Remarks
Original	Latest revised			
1	2	3	4	5
01-8-2013 30-6-2015	-	01-8-2013 to 30-6-2015	-	

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	2554.91	-	1953.87	-	The Project ended within 23.52% less of DPP cost.
TAKA	2554.91	-	1953.87	-	
PA	-	-	-	-	

03. Project Personnel : Project work has been completed by existing manpower of BWDB.

Sanctioned Strength as per pp	Manpower Employee 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	6	7
Officer (s)	-	-	-	-	-	-
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 approve pp):

(In Lakh Taka)

Item 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
1. Patrol & Lube	1 item	6.00	1 item	6.00	1 item	
2. Printing & Publication	1 item	2.00	1 item	2.00	1 item	
3. Stationary	1 item	2.00	1 item	2.00	1 item	
4. Survey & invest	1 item	5.00	1 item	5.00	1 item	
5. Mid Term Evaluation	1 item	3.00	1 item	-	-	
6. R.M of Vehicle	1 item	2.00	1 item	2.00	1 item	
7. GPS	Nos	0.40	2 Nos	0.40	2 Nos	
8. Leveling Instrument	Nos	2.00	2 Nos	2.00	2 Nos	
9. Land Aquisition	Hac	342.59	27.74 Hac	-	-	Embankment & Regulator of this project has been constructed on the Government Khash land & along the Village Roads, So land acquisition was not required.
10. Embankment	km	875.11	25.215 km	791.95	25.215 km	
11. Regulator 2-vent	Nos	85.24	1No	82.61	1No	
12. Regulator 3-vent	Nos	158.68	1No	149.79	1No	
13. Regulator 2-vent	Nos	133.51	1No	112.35	1No	
14. Regulator 5-vent	Nos	362.18	1No	358.55	1No	
15. Regulator 1-vent	Nos	59.46	1No	57.54	1No	
16. Pipe outlet (750 mm dia)	Nos	66.49	7 Nos	65.43	7 Nos	
17. Pipe outlet (900 mm dia)	Nos	31.10	4 Nos	30.38	4 Nos	
18. Re-excavation of river/khal	km	344.32	24.00 km	285.87	24.00 km	
Sub-total =		2481.08		1953.87		
Physical Contingency		24.61		-		
Price Contingency		49.22		-		
Ground Total =		2554.91		1953.87		

06. Information regarding Project Directors (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
Syed Ahsan Ali, Additional Chief Engineer 29000/- - 35600/-		Part time		01-8-2013	21-8-2014	
Obaidur Rahman Additional Chief Engineer 29000/- - 35600/-		Part time	Yes	21-8-2014	16-4-2015	
Atiqur Rahman Additional Chief Engineer 29000/- - 35600/-		Part time	Yes	16-4-2015	To date	

07. Procurement of Transport (in Nos.) :

Type of Transport	Number as per pp	Procured with date	Transferred to transport pool with date	Transferred to O&M with date	Condemned/damaged with date	Remarks
1	2	3	4	5	6	7
Not Applicable						

08. Procurement of Goods, Works and Consultancy Services :

8.1 Goods & Works of the Project costing above Tk. 100.00 lakh and Consultancy above Tk. 50.00 lakh :

Description of Procurement (goods/Work/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				As per Contract	Actual
1	2	3	4	5	6	7
Construction of Flood control Embankment (25.215 k.m)	8.7511		7.9953		25-03-2015	25-03-2015
Construction of Chowlidhoba 2-Vent Regulator	1.3351		1.1303		10-03-2015	15-01-2015
Construction of Maila 5-Vent Regulator	3.6218		3.5883		29-05-2015	15-01-2015
Re-excavation of river/kha (24.00 k.m)	3.4432		2.8620		25-03-2015	20-05-2015
Construction of Salti 3-Vent Regulator	1.5868		1.5058		25-03-2015	20-06-2015

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

Name of the field			Actual Man-month utilize	Remarks
	As per pp	As per Contract		
1	2	3	4	5
	-	-		

a) Foreign :

b) Local :

09. Construction/Erection/Installation Tools & Equipment :

Description of Items	Quantity (as per pp)	Quantity Procured with Date		Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
-	-	-	-			

(Signature)

C. FINANCIAL AND PHYSICAL PROGRAMME

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

Financial Year	Financial Provision & Physical target as per original pp				Financial Provision & Physical target			
	Total	Taka	PA	Physical	Total	Taka	PA	Physical
1	2	3	4	5	6	7	8	9
2013-14	200.00	200.00	-	7.83%	700.00	700.00	-	40%
2014-15	2354.91	2354.91	-	92.17%	1258.00	1258.00	-	60%
Total	2554.91	2554.91	-	100%	1958.00	1958.00	-	100%

01. (b) Revised ADP allocation and Progress :

(In Lakh Taka)

Financial Year	Revised allocation & target				Taka Release	Expenditure & physical progress			
	Total	Taka	PA	Physical (%)		Total	Taka	PA	Physical (%)
1	2	3	4	5	6	7	8	9	10
2013-14	700.00	700.00	-	40%	700.00	700.00	700.00	-	40%
2014-15	1258.00	1258.00	-	60%	1255.75	1253.87	1253.87	-	60%
Total	1958.00	1958.00	-	100%	1955.75	1953.87	1953.87	-	100%

(Signature)

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT :

Objectives as per PP	Actual achievement	Reasons for shortfall. if any
Major objective of the project is to i) Reduce damages to crops, properties and humans sufferings by providing flood control and drainage facilities, ii) Augment agricultural production and accelerate other economic activities in the area and iii) Protection of human lives, homesteads, cattle heads etc. from flash/occasional floods.	i) Reduced damages to crops, properties & human sufferings by providing flood embankment. ii) Improved irrigation facilities & drainage facilities & iii) protected human lives, home stead, cattle, Cultivated Land, Valuable installation etc. from flood.	N/A

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E. BENEFIT ANALYSIS :

01. Annual Out-put : N/A.

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)

02. Cost/Benefit : N/A.

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. N/A.



F. MONITORING AND AUDITING

01. Monitoring :

Name & designation of the inspecting official	Date of Inspection	identified Problems	Recommendations
1	2	3	4
a) Ministry/Agency : Abu Yusuf Mohammad Rasel Asstt. Chief, Ministry of Water Resource.	16-05-2015		BWDB officials time to time visited the project area. The project has been completed in all respect as per their Instructions.
b) IMED :	-		
c) Others : (Please specify)	-		

02. Auditing during and after implementation:

2.1 internal Audit :

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:

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



G. DESCRIPTIVE REPORT:

01. General Observations/Remarks of the project on:

1.1 Background: The Project is located on the right bank of the river Karatoa in Ghoraghat & Nawabgonj upazilla under dist. of Dinajpur. The large area on the right bank of the river Karatoa in the district Dinajpur suffered from flooding due to spill of water from the Karatoa during Monsoon in almost every year. The existing village road along the right bank of the Karatoa river from Muradpur, Kutubpur, Siraj, Isshorpur, Hatbhangi, Azampur, Moharajpur, Mirjapur in upazilla Nawabgonj & Parbatipur, Kristorumpur, Narayanpur, Joyrampur, Bhelamari, Satpara, Bharnapara, Chandpara, Tekani, Esshighat & Kumira in upazilla Ghoraghat etc. down of disrupted at several places due to flood and flood water entered in to project area through these breaches as well as occurs sometimes overtopping the road. Such entry of flood water into area caused the damage of standing crops, homesteads and others properties. In the situation, the open area needs to be Protected by construction of flood control embankment with ancillary structures for ensuring safety of crops, properties and lives. Local peoples strongly demanded for taking permanent flood mitigation measures. Accordingly, proposed integrated flood control, drainage & irrigation project proposal has been executed. Since the proposed project is socially and environmentally acceptable and economically viable. The final report was accepted by competent authority and as per recommendation of the said report, the project was taken up for implementation. The gross benefited area of 14500 hac. Siraj, Isshorpur & Hatbhangi along area of the river is now flood free area by virtue of the implementation of the project.

1.2. Justification/Adequacy : The project is justified as the back ground stated above prompted BWDB to take up the project for implementation.

1.3. Objectives : To provide comprehensive FCDI facilities in the flood prone area in between middle ridge of Karatoa river disperse in the area of Siraj, Isshorpur & Hatbhangi etc. covering gross & net benefited area 14500 hac & 11500 hac. respectively and extending irrigation facilities throughout surface water preservation in existing khals/channels during rainy season. To ensure safety of vast area situated at Siraj & Isshorpur under Nawabgonj upazilla in the district of Dinajpur from devastating erosion at the right bank of Karatoa river.

1.4. Project revision with reason : N/A.

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

2.1. Rationale: The geo-physical setting of the country makes it extremely vulnerable both by flood and drought. Certain parts of Bangladesh are subjected to recurrent floods and drought during monsoon season which adversely affects the cultivation of crops and human lives. Also scarcity of surface water in dry season has aggravated the situation. Thus the need of flood protection. Improved drainage and irrigation through promotion of water conservation is to be fulfilled for enabling environment as well as achieving food grain self sufficiency by ensuring year-round sustainable irrigation coverage. The extended FCDI facilities made a significant impact on rural poverty alleviation.

Rural population is more poor than the urban Population Significant gender disparity also exists in income poverty. For rapid poverty reduction. GoB's priority is to develop the rural areas where most of the poor people are lives. This requires accelerated growth in agricultural and rural non-farm sector. Development in Water Resources including irrigation, flood control and drainage improvement has played significant roles in increasing agricultural production and food security in the past and this would be continue. The major problems responsible for poverty include high level of landless, unemployment, illiteracy, and malnutrition infant mortality, Although the conditions in some areas are less gloomy than others, the project area as a whole is no exception to this situation.

03. Brief Description on planning and financing of the project and its applicability.

- Project identification : Dinajpur O & M Division, BWDB, Dinajpur.
- Project Preparation : Do
- Appraisal : Planning Commission
- Credit Negotiation :
- Credit Agreement :
- Credit Effectiveness :
- Load Disbursement :
- Load Conditionality :
- Project Approval : Planning Commission
- Others (if any) : Funding by GOB

4. Analysis of the Post-Implementation situation and result of the project:

It is the successful project.

4.1 Whether the beneficiaries of the project have clear knowledge about the target/objectives of the project.

Yes.

4.2 Program for use of created facilities of the project.

4.3 O & M Program 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. Yes.

4.6 Employment generation through the project. Yes.

4.7 Possibility of Self-employment Yes.

4.8 Possibility of Women employment opportunity Yes.

4.9 Woman's participation in development Yes.

4.10 Problem impact on Socio-Economic activity No.

4.11 Impact on Environment. Positive.


4.12 Sustainability of the project Positive.

- 4.13 Contribution to poverty alleviation/reduction. Positive.
- 4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, woman's representatives etc. Positive.
- 4.15 Contribution of micro credit program and comments on overlapping with any NGO activities. No.
5. Problems encountered during implementation (with duration & steps taken to remove those) :
- | | |
|---|--|
| 1. Project management | 11. Design formulation/approval |
| 2. Project Director | 12. Project aid disbursement and re-imburement |
| 3. Land Acquisition | 13. Mission of the development partners. |
| 4. Procurement | 14. Time & Cost Over-run. |
| 5. Consultancy | 15. Project supervision/Inspection |
| 6. Contractor | 16. Delay in decision |
| 7. Manpower | 17. Transport |
| 8. Law & Order | 18. Training |
| 9. Natural calamity | 19. Approval |
| 10. Project financing, allocation and release | 20. Others. |



6. Remarks & Recommendation of the project Director :

The project has been successfully completed in all respects with the implementation of the project as laid down in the pp have been achieved. After implementation of the Construction of Integrated Flood Control, Drainage and Irrigation Project at Right Bank of Karatoa River in Upazilla- Nawabganj & Ghoraghat, Dist-Dinajpur, the project area has stopped to flooding and drainage problem has also improved. Resulting reduced damage to crops, properties and human sufferings, improve irrigation facilities and, protect of human lives, homesteads and cattle heads from agriculture covering Gross & Net benefited area 14500 hac & 11500 hac respectively in Upzilla. Nawabganj & Ghoraghat, Dist-Dinajpur.


02/2/2020

(Atiqur Rahman)
Addl. Chief Engineer
Northern Zone
BWDB, Rangpur
Signature and seal
of the Project Director

Date:

7. Remarks/Comments of Agency Head

This project has provided FED2 facilities to a net benefited area of 11500 Ha. Damage of crops and properties has been reduced significantly. Drainage condition of the project area has also been improved. So, this is a fruitful project in all aspect.

Date :


22.9.2015
Signature and seal

(MD. ISMAIL HOSSAIN)
Director General
BWDB, Dhaka.

8. Remarks/Comments of the Officer-in-Charge of the Ministry/Division

Date :

Signature and seal