

ADP No 25  
2009-10

**BANGLADESH WATER DEVELOPMENT BOARD**

**PROJECT COMPLETION REPORT  
(PCR)**

**IMED-04**

**FOR**

**Protection of Panchgoan, Hasail –Banari and dighirpar Union under  
Tongibari Upazila in Munshigonj District from the erosion of the  
River Padma.**

**DHAKA O & M DIVISION-I  
BWDB, DHAKA.**

**GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH**  
**MINISTRY OF PLANNING**  
**IMPLEMENTATION MONITORING AND EVALUATION DIVISION**

**PROJECT COMPLETION REPORT: IMED 04**

**A. PROJECT DESCRIPTION:**

01. NAME OF THE PROJECT : Protection of Panchgoan, Hasail –Banari and dighirpar Union under Tongibari Upazila in Munshigonj District from the erosion of the River Padma.
02. Administrative Ministry / Division : Ministry of Water Resources.
03. Executing Agency : Bangladesh Water Development Board.
04. Location of the project : Union: Hasail Banari, Upazila: Tongibari, Dist: Munshigonj
05. Objective of the project : To protect the vulnerable area offanchgao, Hasail-Banari and Dighirpar area from erosion of the river Padma.
06. Estimated Cost :

(In Lakh Taka)

	Original	Last Revised
a) Total	8881.50	8032.50
b) Taka	8881.50	8032.50
c) Foreign Currency	-	-
d) Project Aid	-	-
e) RPA	-	-

07. Date of Approval : PCP DPP
- a) Original : - 29-11-07
- a) Latest Revised : - 27-12-09

08. Implementation Project :

Date of Commencement

Date of Completion

- a) Original : July/07 June/10
- b) Latest Revised : July/07 June/10
- c) Actual : July/07 June/10

09. Financing Arrangement (Source –wise) : GOB

- 9.1 Status of Loan / Grant :

- a) Foreign financing :

Sources(s)	Currency as per Agreement	Amount in USS (Million)	Nature(Loan /Grant/Supplier's Credit)	Date of Agreement	Date of Effectiveness	Date of Closing	Remarks
1	2	3	4	5	6	7	8

-Not Applicable-

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b) GOB :

(Taka in Lakh)

Total Amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
8032.50	-	-	-

9.2 Utilization of Project Aid (Source wise) : Not Applicable

( In million)

Source(s)	Total Amount		Actual Expenditure		Unutilized Amount	
	In USS	In Local Currency	In USS	In Local Currency	In USS	In Local Currency
1	2	3	4	5	6	7
-	-	-	-	-	-	-

- Not applicable -

9.3 Re-imbursible Project Aid (RPA) :

(Taka in Lakh).

RPA Amount		Amount Spent	Amount Claimed	Amount Reimbursed	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6

-Not Applicable-

**B . IMPLEMENTATION POSITION**

1.1. Implementation Period :

Implementation Period As per DPP		Actual Implementation Period	Cost over-run (% of Original Implementation Period)	Remarks
Original	Latest Revised			
1	2	3	4	5
July /07 to June /10	July /07 to June /10	July /07 o June /10	-	-

02. Cost of the project :

(Taka in Lakh)

Description	Estimated cost		Actual Expenditure	Time over-run (% of Original cost )	Remarks
	Original	Latest revised			
1	2	3	4	5	6
Total	8881.50	8032.50	7796.24	-	-
Taka	8881.50	8032.50	7796.24		
PA	-	-	-	-	-

03. Project personnel :

Sanctioned strength as per DPP	Manpower employed during execution	Status of the Existing manpower			Remarks
		Manpower requirement	Existing manpower for O&M	Others	
1	2	3	4	5	6
Officer(s)	Not Applicable	Not Applicable	5	Not Applicable	Including other projects.
Staff (s)	Not Applicable	Not Applicable	8	Not Applicable	-DO-
Total	Not Applicable	Not Applicable	13	Not Applicable	-DO-

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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	Not Applicable	Not Applicable	Not Applicable	Not Applicable
b) Local	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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

(In Lakh Taka)

Item of work (As per PP)	Unit	Target (As per PP)		Actual Progress		Remarks
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
i) Petrol & Lubricant	1 Item	4.00	1 Item	3.98	1 Item	
ii) Stationry, seal stamps	1 Item	1.00	1 Item	1.00	1 Item	
iii) Printing and publication	1 Item	1.00	1 Item	1.00	1 Item	
iv)) Survey & Investigation	1 Item	7.00	1 Item	6.44	1 Item	
v) Repair of Vehicle	1 Item	2.00	1 Item	2.00	1 Item	
vi) Repair of Computer & Office equipment	1 Item	1.50	1 Item	1.50	1 Item	
iii) Bank Protective work	m.	8016.00	2558 m.	7780.32	2558 m.	
Total		8032.50		7796.24		-

06. Information regarding Project Director (s) :

Name & Designation with pay scale	Full time	Part time	Responsible For more than one project	Date of		Remarks
				Appointment	Transfer	
1	2	3	4	5	6	
a) Sunil Baran Deb Roy S.E. b) Grade: 4th Grade of Pay salary	Yes	N/A	Yes	19 Aug,07	Till 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
Car	Not Applicable					
Jeep	Not Applicable					
Microbus	Not Applicable					
Minibus	Not Applicable					
Bus	Not Applicable					
Pick-up	Not Applicable					
Truck	Not Applicable					
Motor Cycle	Not Applicable					
By-Cycle	Not Applicable					
Speed boat	Not Applicable					
Launch	Not Applicable					
Others with name	Not Applicable					

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08. Procurement of Goods, works and consultancy services :

8.1. Goods & works of the Project costing above Tk. 200.00 lakh and consultancy above Tk.50.00 lakh .

Description of procurement (goods /works/consultancy) As per bid document.	Tender /bid / proposal cost (In crore Taka)		Tender / bid / proposal		Date of completion of work order and supply of goods	
	As per DPP	As per contract (revised)	Invitation date	Contract signing /L.c Opening date	As per contract	Actual
1	2	3	4	5	6	7
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (Up stream end Termination = 225 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-01)	7.80	8.22	March/08	May/08	21-05-2009	22-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (Up stream end Termination 89m & Km. 86.350 to Km. 86.450= 100 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-02)	8.10	8.39	March/08	May/08	21-05-2009	22-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 86.450 to Km. 86.720 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-03)	7.92	7.98	March/08	May/08	21-05-2009	23-05-2010

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Description of procurement (goods /works/consultancy) As per bid document.	Tender /bid / proposal cost (In crore Taka)		Tender / bid / proposal		Date of completion of work order and supply of goods	
	As per DPP	As per contract	Invitation date	Contract signing /L.c Opening date	As per contract	Actual
1	2	3	4	5	6	7
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 86.720 to Km. 86.990 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-04)	7.49	7.74	March/08	May/08	22-05-2009	20-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 86.990 to Km. 87.260 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-05)	7.22	7.29	March/08	May/08	23-05-2009	15-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 87.260 to Km. 87.530 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-06)	7.38	7.53	March/08	May/08	22-05-2009	25-05-2010

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Description of procurement (goods /works/consultancy) As per bid document.	Tender /bid / proposal cost (In crore Taka)		Tender / bid / proposal		Date of completion of work order and supply of goods	
	As per DPP	As per contract	Invitation date	Contract signing /L.c Opening date	As per contract	Actual
1	2	3	4	5	6	7
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 87.530 to Km. 87.800 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-07)	7.51	7.51	July/08	Sept/08	27-06-2009	28-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 87.800 to Km. 88.070 = 270 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-08)	7.42	7.42	July/08	Sept/08	27-06-2009	23-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (From Km. 88.070 to Km. 88.350 = 280 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-09)	7.50	7.85	July/08	Sept/08	27-06-2009	27-06-2010

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Description of procurement (goods /works/consultancy) As per bid document.	Tender /bid / proposal cost (In crore Taka)		Tender / bid / proposal		Date of completion of work order and supply of goods	
	As per DPP	As per contract	Invitation date	Contract signing /L.c Opening date	As per contract	Actual
1	2	3	4	5	6	7
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (End Termination = 129 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2008-2009 ( Tender Package No. MUN/PHBD-10)	3.79	3.79	July/08	Sept/08	27-06-2009	28-05-2010
Protection work using CC Block dumping, Geo-filter and Block pitching etc. (D/S End Termination 115 m) in c/w protection of Panchgaon, Hasail-Banari and Dighirpar Union under Tongibari Upazila in Munshogonj dist. From the erosion of the river Padma under Dhaka O&M Division-1, during the year 2009-2010 ( Tender Package No. MUN/PHBD-11)	7.99	4.59	Dec/09	Feb/10	02-05-2010	20-05-2010

### 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

-Not Applicable-

### 09. Construction / Erection / Installation Tools & Equipment :

Description of machinery / equipment	Quantity (as per PP)	Quantity procured with date	Transferred to O & M with date	Disposed as per rule with date	Balance	Remarks
1	2	3	4	5	6	7

for

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### C. Financial and Physical programmed.

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

Financial year	Financial provision & physical target as per original DPP				Financial provision & physical target as per Latest revised DPP			
	Total	Taka	P.A.	Physical %	Total	Taka	P.A.	Physical %
1	2	3	4	5	6	7	8	9
2007-2008	1009.75	1009.75		11.37%	100.00	100.00		1.24%
2008-2009	6004.55	6004.55		67.61%	3500.00	3500.00		43.57%
2009-2010	1867.20	1867.20		21.02%	4432.50	4432.50		55.18%

01 (b) Revised ADP allocation and progress:

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
2007-2008	100.00	100.00	-	1.24%	100.00	100.00	100.00	-	1.24%
2008-2009	4200.00	4200.00	-	43.57%	4200.00	4200.00	4200.00	-	73.76%
2009-2010	3500.00	3500.00	-	55.18%	3500.00	3496.24	3496.24	-	24.99%

### D. Achievement of objectives of the Project.

Planned objectives as per DPP	Actual achievement	Reasons for short fall, if any
River Bank Protection	The objective of the project as planned to protect the area under erosion of the Padma river trough the implementation of 2558M bank revetment work has been achieved.	NIL

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## E. BENEFIT ANALYSIS

### 01. Annual Out-put : Not Applicable

Items of out-put	Unit	Estimated quantity Expected at full capacity	Actual quantity of out-put during the 1 <sup>st</sup> year of operation at full capacity (or during ,real production for newly completed project)
1	2	3	4
Actual annual return can not be quantified. But the objective of the project i.e. erosion control has been achieved.			

### 02. Cost/Benefit :

Item	Estimated	Actual
1) Benefit Cost ratio of the project	2.60:1.00	2.60:1.00
a) Financial	2.99 : 1.00	2.99 : 1.00
b) Economic		
2) Internal rate of return	33.68%	33.68%
a) Financial	38.91%	38.91%
b) Economic		

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## F. MONITORING AND AUDITING

### 01. Monitoring :

Name & designation of the inspecting official	Date of inspection	Identified problems and Recommendations
1	2	3
<b>a) Ministry / Agency :</b>		
i) Mrs. Ayeasha Khanom, DS, MOWR	April/10	Work Satisfactory
<b>b) IMED</b>		
High officials i) Doyananda Debnath	20-03-2010/July-10	Work Satisfactory
<b>c) Others : ( Please specify )</b>		
i) Abul Kalam Mohd. Azad, DG,BWDB.	May/2009	Work Satisfactory
ii) Md. Nurunnabi Chowdhury, ADG,BWDB.	March/2009	Work Satisfactory
iii) Md. Mokbul Hossain, ADG,BWDB.	June/2010	Work Satisfactory
iv) Md. Humayun Kabir,CE.BWDB.	March/2009, May/2009,June/2009, Feb/2010,June/2010	Work Satisfactory

### 02. Auditing during and after Implementation :

#### 2.1 Internal Audit : Not Applicable

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 Report	Major findings / objections	Whether objections resolved or not .
1	2	3	4
Feb/2010	May/2010	Expenditure beyond RDPP Allocation	Broad Sheet Reply submitted.

## G. DESCRIPTIVE REPORT .

### 2. GENETAL OBSERVATIONS / REMARKS OF THE PROJECT ON :

1.1. Background : The main objective of the project is to protect the vulnerable ~~To protect the vulnerable~~ area of ~~fanchgao~~, Hasail-Banari and Dighirpar area from erosion of the river Padma. The project was started during June 2007 and has been completed successfully by June/2010.

1.2 Justification /Adequacy : Natural environmental degradations as well as deleterious Socio-economic impacts due to river erosion in the area and the valuable establishments located in the vicinity of the vulnerable eroding area with approximate total work of Tk.72470 lakh has been saved from the river bank erosion.

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1.3 Objective : To protect the vulnerable area of anchgao, Hasail-Banari and Dighirpar area from erosion of the river Padma.

1.4 Project revision with reasons : The project needed revision due to extension of bank revetment work specially down stream end termination (115m).

2. Rational of the project in respect of Concept , Design, Location and Timing: Not Applicable

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

- a. Project Identification -The project was identified in the year 200-07.
- b. Project Preparation - DPP prepared in Nov/07..
- c. Appraisal
- d. Credit Negotiation
- e. Credit Agreement
- f. Credit Effectiveness
- g. Loan Disbursement
- h. Loan Conditional ties
- i. Project Approved - 29-11-07
- i. Others (if any)

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 : Not Applicable

4.3 O&M Programme of the Project : Not Applicable.

4.4 Impact of the project :

4.4.1 Direct : Positive

4.2 Indirect : Positive

4.5 Transfer of Technology and Institutional Building through the Project :- Positive

4.6 Employment generation through the Project : Positive

4.7 Possibility of self employment : Positive

4.8 Possibility of Women- employment Opportunity : Positive

4.9 Women's participation in development : Positive

4.10 Probable impact on Socio –Economic Activity : Positive impact on Socio –Economic condition

4.11 Impact on environment : No adverse Impact on environment is apprehended.

4.12 Sustainability of the Project : The project is sustainable

4.13 Contribution to poverty alleviation / reduction : Positive

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

4.15 Contribution of Micro-credit programme and comments on overtopping with any NGO activities :  
Does not arise.

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

5.1 Project Management :

5.2 Project Director :

5.3 Land Acquisition :

5.4 Procurement :

5.5 Consultancy :

5.6 Contractor :

5.7 Manpower :

5.8 Law & Order

5.9 Natural Calamity :

5.10 Project financing , allocation and release :

5.11 Design formulation /Approval :

5.12 Project aid disbursement and reimbursement :

5.13 Mission of the development partners :

5.14 Time & cost over run :

5.15 Project supervision / Inspection:

5.16 Delay in Decision :

5.17 Transport :

5.18 Training :

5.19 Approval :

5.20 Others :

Not Applicable.

6. Remarks & Recommendations of the Project Director :

The project has been completed. Expected benefit has been achieved through implementation of the project. Similar nature of protective work may be necessary for implementation at other erosion affected areas especially adjacent to upstream and downstream location of the project.

Date .....



(Khandker Manjur Morshed)  
Executive Engineer  
Dhaka O & M Division-1  
BWDB, Dhaka.

  
Signature and Seal 6/4/2020

Sunil Baran Debroy  
Superintending Engineer  
Dhaka O & M Circle  
BWDB, Dhaka.

11. Remarks / Comments of Agency Head :

Date .....

Signature and Seal

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

Date .....

Signature and Seal