

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT: IMED-04

Name of the project : Khaliajuri Flood Control & Drainage Project.

Project Period : July/2003 to June/2012.

Name of Division : Netrakona O&M Division

Name of Circle : Mymensingh O&M Circle

Name of Zone : Central zone, BWDB, Dhaka.

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 : Khaliajuri Flood Control & Drainage Project.
02. Administrative Ministry/Division : Ministry of Water Resources.
03. Executing Agency : Bangladesh Water Development Board.
04. Location of the Project : Upazilla – Khaliajuri, Modan, Dist- Netrakona,
Upazilla – Itna, Dist.- Kishoregonj, Division- Dhaka.
Upazilla – Dharmapasha, Sahalla & Jamalgonj,
Dist-Sunamgonj, Division, Sylhet.

05. Objective of the Project :

- a) Reduce intensity of a flash flood damage to crops properties and human suffering etc during pre-monsoon in the project area;
b) Reduce drainage congestion during post monsoon;
c) Augment agricultural productivity and acceleration economic growth;
d) Enhance pisi-culture;
e) Improving the navigation along the khals, major streams and rivers within the project area during the wet and dry seasons.

06. Estimated Cost :

(In lakh Taka)

	Original	Latest Revised
(a) Total	3090.00	4160.78
(b) Taka	3090.00	4160.78
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approval :

PCP	DPP
-----	-----

- (a) Original :
(b) Latest Revised :
October, 2003
November, 2009



08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	July, 2003	June, 2007
(b) Latest Revised	July, 2003	June, 2012
(c) Actual	July, 2003	June, 2012

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
N/A							

b) GOB:

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
4160.78	-	4160.78	-

(In lakh Taka)

9.2 Utilization of Project Aid: (Source wise)

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
July 2003 to June 2007	July 2003 to June 2012	July 2003 to June 2012	125%	-

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	3090.00	4160.78	3908.93	26.50%	Project Completed
TAKA	3090.00	4160.78	3908.93	26.50%	Project Completed
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	Male	Female
1	2	3	4	5	6	
Officer (s)	-	12 Nos	6 Nos			
Staff(s)		14 Nos	10 Nos			
Total :		26 Nos	16 Nos			

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

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

a. Foreign -N/A-

b. Local -N/A-



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

(In lakh Taka)

Items of work (as per DPP)	Unit	Target (as per DPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
A) Revinue Budget						
Survey & investigation	1 item	20.92	1 item	20.92	1 item	
Supply of fuel	1 item	4.00	1 item	4.00	1 item	
Stationary	1 item	2.00	1 item	2.00	1 item	
Envioronment Mangement assesent	1 item	15.20	1 item	15.20	1 item	
Mathmetical modeling	1 item	35.00	1 item	35.00	1 item	
Contingency	1 item	26.80	1 item	26.80	1 item	
Repair Maintanance of Rest house	1 item	3.00	1 item	3.00	1 item	
Repair Maintanance of Office building	1 item	1.00	1 item	1.00	1 item	
Repair Maintanance of Residential building	1 item	1.00	1 item	1.00	1 item	
Office Furniture	1 item	0.50	1 item	0.50	1 item	
Repair of Vehicle	1 item	0.50	1 item	0.50	1 item	
Over head Cost	1 item	95.00	1 item	95.00	1 item	
Sub - total		204.92		204.92		
B) Capital component						
Motor cycle	nos	1.80	2 nos	1.80	2 nos	
Printer & Axilary computer	nos	1.00	1 no	1.00	1 no	
Photocopyer	nos	0.80	1 no	0.80	1 no	
Survey investigation	1 item	1.20	1 set	1.20	1 set	
Construction of Submersible embankt.(16.25 km)	km	560.49	124.64 km	560.49	124.64 km	
Construction of Netrakona O & M office building (3.80 sqm)	nos	40.00	1 no	40.00	1 no	
Construction of Earthern Closure	nos	140.08	11 nos	135.36	11 nos	(-) 4.72 Expenditure incurred as per actual work done.
Re-excavation/ excavation of diversion channel	km	33.26	30.00 km	33.26	30.00 km	
Dhanu- Baulay & Old surma Connecting Channel	km	148.51	2.74 km	148.51	2.74 km	
Drainage cum Flushing regulator						
1 vent (1.52x1.82)	nos	385.25	5 nos	385.25	5 nos	
2 vent (1.52x1.82)	nos	517.19	5 nos	512.72	5 nos	
3 vent (1.52x1.82)	nos	380.98	3 nos	382.66	3 nos	
4 vent (1.52x1.82)	nos	964.96	5 nos	915.21	5 nos *	
* (i) 1 no 4-vent regu. (Putia)- 100%, (ii) 1 no 4-vent regu. (Payarkhal)- 100%, (iii) 1 no 4-vent regu. (Kirtankhola)- 45%, (iv) 1 no 4-vent regu. (Ranichapur)-71%, (v) 1 no 4-vent regu. (Bagani)-85% Progress achieved. Out of 5 nos regulator, 3 nos Structure's targeted progress could not be achieved due to early flash flood and Climatic disaster. Remming work will be completed by NDR Budget-2012-2013. Specially Kirtankhola Regulator washed out by flash flood during construction, which has been declared abandoned by Chief Engineer, Design & recommended to construct at new site under NDR Budget 2012-2013.						

Items of work (as per DPP)	Unit	Target (as per DPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Construction of Cause way	nos	365.83	5 nos	323.42	5 nos *	* Out of 5 nos Causeway, Progress of .2 nos Putia Causeway (in 1 package) has been achieved 78%. Remming work will be completed by NDR Budget-2012-2013.
Construction of Drainage outlet 1 vent (1.52x1.82)	nos	345.21	13 nos	344.33	13 nos	
Construction of Irrigation Inlet	nos	26.95	20 nos	26.94	20 nos	
O & M during construction	1 item	39.35	1 item	39.35	1 item	
Sub- total		3955.86		3704.01		
Total (A+B)		4160.78		3908.93		

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
Md. Abdul Baten, Executive Engineer	-	Yes		19-01-2002	31-08-2004	
Md. Alauddin, Executive Engineer	-	Yes		31-08-2004	11-11-2007	
Md. Didarul Alam, Executive Engineer	-	Yes		11-11-2007	09-09-2009	
Md. Kamruzzaman, Executive Engineer	-	Yes		09-09-2009	01-10-2009	
Md. Harun- Ar-Rashid, Executive Engineer	-	Yes		01-10-2009	04-11-2010	
Md. Monirul Islam, Executive Engineer	-	Yes		04-11-2010	08-08-011	
A.T. M Khalekuzzaman Executive Engineer	-	Yes		08-08-011	-	

07. Procurement of Transport (in Nos.):

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						
Microbus						
Minibus						
Bus						
Pick-up						
Truck						
Motor Cycle	2 nos	June, 2007	-	-	-	Under use by the project Officials
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 crore Taka)		Tender/Bid/Proposal		Date of completion of works/services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
N/A						

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
-Nil-				

a) Foreign : N/A

b) Local : N/A

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
N/A						

C. FINANCIAL AND PHYSICAL PROGRAMME:

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

(In lakh Taka)

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
2003-04	844.00	844.00		27.32	338.46	338.46		8.38
2004-05	1327.88	1327.88		42.97	553.62	553.62		11.59
2005-06	724.12	724.12		23.43	323.54	323.54		2.64
2006-07	194.00	194.00		6.28	103.50	103.50		2.69
2007-08					612.25	612.25		13.42
2008-09					345.94	345.94		7.87
2009-10					594.58	594.58		16.34
2010-11					497.67	497.67		11.98
2011-12					791.19	791.19		20.09
Total	3090.00	3090.00		100%	4160.78	4160.78		100%

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
2003-04	338.46	338.46		8.38			338.46		8.38
2004-05	553.62	553.62		11.59			553.62		11.59
2005-06	325.54	323.54		3.64			325.54		3.64
2006-07	104.50	103.50		4.78			104.50		3.69
2007-08	612.96	612.25		13.42			612.96		13.42
2008-09	345.94	345.94		10.87			345.94		11.96
2009-10	594.58	594.58		16.34			594.58		16.34
2010-11	497.67	497.67		11.98			497.67		11.98
2011-12	787.51	787.51		19.00			535.66		14.50
Total	4160.78	4160.78		100%			3908.93		95.50%



D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
a) Reduce intensity of a flash flood damage to crops properties and human suffering etc during pre-monsoon in the project area;	95.50% Objectives have been achieved by the implementation of the project as per DPP 2 nd revised re-appropriation proposal Re-cast at the cost of tk. 3908.93 lakhs. For the greatest interest of the project people the remaining work shall have to be executed. Otherwise peoples would not get expected benefit by the project. Remaining works shall be implemented by O&M budget, So that, people could get the full benefit.	The implementation of the project as per DPP 2 nd revised re-appropriation proposal Re-cast at the cost of tk. 3908.93 lakhs. But due to unavoidable circumstances of natural climatic disaster i.e. early flash flood of hilly area 4.5% of the physical work could not be achieved. Remaining works shall be implemented by O&M budget, So that, people could get the full benefit.
b) Reduce drainage congestion during post monsoon;		
c) Augment agricultural productivity and acceleration economic growth;		
d) Enhance pisi-culture;		
e) Improving the navigation along the khals, major streams and rivers within the project area during the wet and dry seasons.		

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).
It is a project consists of various physical component such a const. of submergible embkt., closure, const. of drainage cum-flushing regulator, excavation/re-excavation of khal, link khal, irrigation inlet & const. of causeway etc. Incremental paddy production of 27002.98 Mt. will be achieved at full development period. Gross area 19380 ha (net. 14225 ha) will be provide comprehensive flood control & drainage improvement by erecting the component as mentioned above.		Construction of submersible embankment. : 124.65 Km	Construction of submersible embankment. : 124.65 Km
		Construction of closure. : 11 nos	Construction of closure. : 11 nos
		Excavation/re-excavation khal : 30 km.	Excavation/re-excavation khal : 30km.
		Link canal of Dhanu-Baulai and Old Surma River : 2.74 Km.	Link canal of Dhanu-Baulai and Old Surma River : 2.74 Km.
		Construction of drainage cum flushing regulator : 18 nos	Construction of drainage cum flushing regulator : 18 nos. (i) 1 no 4-vent regu. (Putia)- 100%, (ii) 1 no 4-vent regu. (Payarkhal)- 100%, (iii) 1 no 4-vent regu. (Kirtankhola)- 45%, (iv) 1 no 4-vent regu. (Ranichapur)-71%, (v) 1 no 4-vent regu. (Bagani)-85% Progress achieved. Out of 5 nos regulator, 3 nos Structure's targeted progress could not achieved due to early flash flood and Climatic disaster. Remming work will be completed by NDR Budget-2012-2013. Specially Kirtankhola Regulator washed out by flash flood during construction, which has been declared abandoned by Chief Engineer, Design & recommended to construct at new site under NDR Budget 2012-2013.
		Construction of cause way : 5 nos	Construction of cause way : 5 nos
		Construction of drainge Outlets : 13 nos	Construction of drainge Outlets: 13nos
		Construction of irrigation inlet : 20 nos	Construction of irrigation inlet : 20nos

02. Cost / Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project		Post evaluation or assesment yet to be done.
(i) Financial	1.62 : 1.00	
(ii) Economic	2.53 : 1.00	
(2) Internal Rate of Return		
(i) Financial	19.76%	
(ii) Economic	28.16%	

03. Please give reasons for shortfall, if any, 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
I) Md. Shahidur Rahman, ADG (Eeastern Region), BWDB.	06-05-2011	Damage of Kirtonkhula 4-Vent Regulator during flush flood of 2010.	Regulator to be constructed at new site.
II) Md. Liakat-al-Faruk, & Md. Humayun Kabir, Chief Engineer (CZ), BWDB,			
III) Md. Abul Kashem & K.M Nazmul Haque, SE, (Mymn. Circle), BWDB.			
IV) Sunil Baran Debroy, Chief Engineer (CZ), BWDB.	06-05-2011	Damage of Kirtonkhula 4-Vent Regulator during flush flood of 2010.	Regulator to be constructed at new site
I) Sunil Baran Debroy, Chief Engineer (CZ) II) Md. Rafiqul Islam SE, (Mymn. Circle)	10-04-2012	Damage of Kirtonkhula 4-Vent Regulator during flush flood of 2010.	As per recommendation of Chief Engineer (CZ) BWDB, Dhaka. Regulator to be constructed at new site
I) Md. Jahangir Kabir, Supdt. Engineer (Design Circle-1) II) Md. Harun-ur-rashid Xen, (Design Circle- 1)	01-04-2012	Damage of Kirtonkhula 4-Vent Regulator during flush flood of 2010.	As per decession of Chief Engineer design, BWDB, Dhaka. Regulator should be constructed at new site



(a) **Ministry / Agency:** N/A.

(b) **IMED :** IMED & Ministry of Water Resource এর প্রতিনিধি DPP Re-appropriation এর আগে প্রকল্প পরিদর্শন করেছেন।

(c) **Others:** (Please specify) : N/A.

0.2. Auditing during and after Implementation: N/A.

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
- N/A -			

2.2. External Audit:

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections Resolved or not.
1	2	3	4
07-06-2011 to 13-06-2011	13-06-2011	Does not arrived	N/A



G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background

The Khaliajuri Flood Control and Drainage Improvement Project is located in Netrakona, Sunamganj and Kishoregonj districts. The Project area experiences annual flash floods causing damages to the properties and the Boro crop. Bangladesh Water Development Board (BWDB) has taken up a flood control and drainage improvement project for the Khaliajuri area with the primary objective of saving the Boro crop from flash floods and improving the post monsoon drainage. The feasibility study of Khaliajuri project done jointly by Development Design Consultants Limited (DDC) and House of Consultants Limited (HCL) recommended for partial flood protection of the area that includes four individual polders with peripheral submersible embankments. The major project components recommended in the feasibility study were submersible embankments, closure, re-excavation of drainage channels, drainage-cum-flushing regulators and drainage outlets. At the stage of project implementation, the local people in view of operational difficulties of regulated gates of drainage-cum-flushing regulators, demanded alternative structures other than regulators. The BWDB Official proposed "Causeway" as an alternative structure to the regulator. The Chief Engineer, Central Zone, BWDB recommended that, at this stage of the project implementation, a model study by the Institute of Water Modelling (IWM) was necessary to evaluate the technical feasibility of such modification in the project concept. In view of the above the mathematical modelling study for Khaliajuri Flood Control and Drainage Improvement Project was taken up. The study has analysed the river and flood plain hydrology taking critical situations of pre-monsoon flash floods and post-monsoon drainage, and provided suggestion about the suitability of replacing regulators with causeways while maintaining the same project benefits as proposed by the feasibility consultants.

The maximum pre-monsoon flood occurred much before 15th May in 2004 and had significant recession on 15th May. Thus during the design of the hydraulic structures by BWDB this was identified as a critical issue for filling the polders after 15th May 2006. Therefore as per the requirement of Design Circle-I of BWDB the hydrological event of 1991-92 was taken for evaluating critical condition during overtopping of submersible embankments after 15th May.

In the case of high upstream inflows in the Khaliajuri project area, river stage raises quickly exceeding inside water level of the polders and pre-monsoon drainage in such a situation is not possible with any type of structure in place. With the design year events, the drainage from the polders during pre-monsoon is almost nil due to the same reasons and hence placing regulator or causeway will bring the same drainage scenario inside the polders. It is to be noted that if the opening areas in both types of the structures are kept the same, post-monsoon drainage is similar for both the regulator and the causeway.

The regulator provides better water management option especially during filling of polders area after the pre-monsoon. The causeway retains the navigational facilities however it eliminates controlled operation of the structure. It has been found from the project covering the technical solution. Therefore, the combination of regulators and causeways can meet the demands of the stakeholders satisfying hydraulic condition. The Modelling study initially proposed the third alternative plan where a combination of 11 regulators and 11 causeways were suggested. The local people in the field workshops expressed their views for the construction of causeways in 4 location (3 No. in Polder-I and 2 No. in Polder-IV) and regulators.



The design crest levels of submersible embankments were kept unchanged as proposed in the Feasibility Study Report of DDC in the Draft Report published by IWM, since IWM was only entrusted to check the technical feasibility of replacing regulators with "Causeways". The modification to the embankment crest level was required to be essential for strictly following the overtopping criteria of submersible embankments as suggested by Design Circle-I of BWDB. Besides, the Feasibility Study consultants (DDC) earlier did not take into account the hydraulic gradient of the Baulai River flowing through the project area. Thus when the project condition gradient of the Baulai River flowing through the project area. Thus when the project condition was applied in the model taking all Haor projects as safe, 1.40 meter head difference between the most northern and southern points of the proposed Khaliajuri Project was observed during high pre-monsoon flood of 10 year return period. Therefore, providing a single design crest level for all four polders was not justified. Also, if the completed Haor projects are taken into re-habilitation then maintaining consistency with crest levels of surrounding polders is also a matter for consideration.

1.2 Justification/Adequacy

The project justification was evaluated by conducting the economic and financial analysis as well as considering other potential effects upon different parameteral implications. The project impacts on economic welfare of the project stakeholders and on the economy as a whole were assessed by project evaluation along with possible different alternatives.

The methodology and procedures of FPCO Guidelines for Project Assessment, 1992, which are also in conformity with the procedures followed by different donors, were used in the analysis. The key indicators provided for analysis are BCR, IRR and NPV. The analysis was based on basic assumption as recommended by FPCO.

The 2000-2001 farm-gate prices were used for input-output prices and average prices during peak and lean seasons were considered to assess financial cost and benefits. The shadow conversion factors as furnished in FPCO guidelines were used to determine economic benefits and cost. For unskilled and skilled labour, shadow conversion factor and SCF on non-traded items were used to convert them into border price.

1.3 Objectives

The Project covers a gross area of 19,380 ha. Of which net cultivable area is 14,225 ha. (73.40%). Major objectives of the project are :

- a) Reduce intensity of a flash flood damage to crops properties and human suffering etc during pre-monsoon in the project area;
- b) Reduce drainage congestion during post monsoon;
- c) Augment agricultural productivity and acceleration economic growth;
- d) Enhance pisi-culture;
- e) Improving the navigation along the khals, major streams and rivers within the project area during the wet and dry seasons.



1.4 Project revision with reasons :

Original

Khaliajuri Flood control and Drainage Project having a gross benefited area of 19,380 ha. (net benefited area of 14,225 ha.) is located in khaliajuri & Maden upazilla of Netrakona district, partly in Dharmaphassa, shalla & jamalgonj of Sunamgonj district and a small protion in Itna upazilla of Kishoregonj district. The project experiences flood/flash flood every year spilling banks of the Surma-Dhanu-Baulia River and damages boro crops. In view of proteeting the project area from flood, this project has been taken whose original PCP was approved by ECNEC on 16.09.2003, with a total cost of Tk. 3,090.00 lakh.

Second Revesion

However construction of regulators and causeway involve mainly M.S Rods and cements with other engineering materials. Unfortunately the price of these two items were increased excessively in local market in the year 2007 & 2008. To address the price like construction materials BWDB Schedule due to rates was changed in the financial year 2008-2009. With this large increase in cost estimate 2nd Revision of DPP became unavoidable. Finally 2nd revesion of the project was approved by ECNEC on 17-12-2009 with a cost of Tk. 4,160.78 lakh.

One year time extention :

The project completion time of approved 2nd RDPP was June 2010, which has already been extended by one year (2010-2011) through memo of MoWR no 42.043.014.01.01.023, 2001.176.

Re-appopriation Proposal of costs of 2nd RDPP. After the extended period the project progress was show in most of the civil construction work. A a result some of the item costs have increased, while some are decreased in without affecting the total project cost Tk. 4,160.78 lakh. A such the project needs re-appropriation. Accordingly re-appropriation proposal has been made costing Tk. 4,160.78 lakh. So the total cost remains same as 2nd RDPP cost.

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

3. Brief description on planning and financing of the project and its applicability: N/A

- ◆ Project Identification
- ◆ Project Preparation
- ◆ Appraisal
- ◆ Credit Negotiation
- ◆ Credit Agreement
- ◆ Credit Effectiveness
- ◆ Loan Disbursement
- ◆ Loan Conditionalities
- ◆ Project Approval.
- ◆ 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, they have taken clear knowledge about the target/objectives of the project.
4.2	Programme for use of created-facilities of the project	The project will be facilitated Reducing intensity of a flash flood damage, Reduce drainage congestion, Augment agricultural productivity and acceleration economic growth, Enhance pisi-culture and Improving the navigation along the khals, major streams and rivers within the project area.
4.3	O & M programme of the project.	Will be done by BWDB.
4.4	Impact of the project -	
	4.4.1 Direct	Net financial benefit Tk 1,738.45 lakh. Incremental agricultural prod. 27,002.98 Mt.
	4.4.2 Indirect	Employment generation, alleviation of poverty, women empowerment and development of socio economic condition.
4.5	Transfer of Technology and Institutional Building through the project	Transfer of Technology and Institutional Building Capacity through Formation of Water Users Group (WUG) in the project area.
4.6	Employment generation through the project.	40.95 lakh mandays.
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.
4.11	Impact on environment	Positive.
4.12	Sustainability of the project	Proper O&M will ensure the project sustainability.
4.13	Contribution to poverty alleviation/reduction	Poverty will be reduced due to income generation.
4.14	Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc.	Highly recommended to implement the project with donation of land.
4.15	Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.	All micro-credit programmes and NGO activities will ensure.



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

5.1	Project Management	N/A
5.2	Project Director	N/A
5.3	Land Acquisition	N/A
5.4	Procurement	N/A
5.5	Consultancy	N/A
5.6	Contractor	N/A
5.7	Manpower	N/A
5.8	law & Order	N/A
5.9	Natural calamity	Targeted progress cannot achieved due to natural climatic disaster.
5.10	Project financing, allocation and Release.	N/A
5.11	Design formulation/approval	N/A
5.12	Project aid disbursement and re-imbursement	N/A
5.13	Mission of the development partners.	N/A
5.14	Time & Cost Over-run	N/A
5.15	Project Supervision/Inspection	N/A
5.16	Delay in Decision	N/A
5.17	Transport	N/A
5.18	Training	N/A
5.19	Approval	N/A
5.20	Others	N/A



6. Remarks & Recommendations of the Project Director:

The main objectives of the project is to provide comprehensive flood control & drainage improvement by construction of submergible embkt., closure, const. of drainage cum-flushing regulator,excavation/re-excavation of khal, link khal, irrigation inlet & const. of causeway etc. under Khaliajuri Flood Control & Drainage Improvement (FCDI) Project.

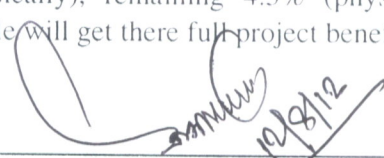
Another important objective of the project is improving the navigation along the khal, Major streams and river within the project area during the wet & dry season.

Implementation of the project ensured safety of lives & properties and restored social and natural security along with the environment up-gradation and relieved continuous threat of hilly flood for sustainable socio economic enhancement in the project area.

The objective of the project have direct relevance with the natural objective of self-reliance, generation of rural employment, Poverty ellevation specially for rural poor section, creation of social and environmental balance and building of economic infrastructures for the future generation to sustain. All of these have direct or indirect implication for poverty relation.

Total progress of the project is 95.50% (physically), remaining 4.5% (physically) will be implemented by the O&M budget and subsequently people will get there full project benefit undoubtedly.

Date: 12-08-2012


Signature and seal of the Project Director/Manager

(ATM Khalequzzaman)

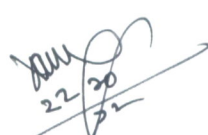
Executive Engineer

Netrakona O&M Division

BWDB, Netrakona

7. Remarks/Comments of Agency Head

Date:


Signature and Seal

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

K.A.M. Shahiduzzaman.
Director General
BWDB, Dhaka.

Date:

Signature and Seal