

BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT (PCR)

OF

“NEW DAKATIA AND OLD DAKATIA-LITTLE FENI RIVER
DRAINAGE PROJECT
(PART OF SOUTH COMILLA AND NORTH NOAKHALI
COMPREHENSIVE DRAINAGE PROJECT)”

Division : Noakhali O&M Division, BWDB, Noakhali.
Feni O&M Division, BWDB, Feni.
Comilla O&M Division, BWDB, Comilla.

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

Zone : Eastern Zone, BWDB, Comilla

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** : New Dakatia and Old Dakatia-Little Feni River Drainage Project (Part of South Comilla and North Noakhali Component Drainage Project) (5th Revised)
- 02. Administrative Ministry/Division** : Ministry of Water Resources
- 03. Executing Agency** : Bangladesh Water Development Board
- 04. Location of the Project** : District: Comilla; Upazilla: Comilla sadar, Laksham, Chowddagram, Langolkot & Barora;
District: Chandpur; Upazilla: Kachua, Shahrasti, Chandpur sadar & Faridganj.
District: Feni; Upazilla: Sonagazi, Dagonbhuiyan & Feni sadar; District: Noakhali; Upazilla: Companigonj

05. Objective of the Project :

The main objective of the project is to uplift economic condition and living standard of the population through improvement of drainage system of Comilla, Chandpur, Feni and Noakhali District. Feasibility study on "South Comilla and North Noakhali Comprehensive Drainage Project" concerning sustainable removal of drainage congestion has been considered for taking necessary interventions. The project incorporate physical programmed such as construction of regulator at Musapur (23-vent-3.00m X 3.00m), construction of closure with tie embankment, re-excavation of diversion and internal channels etc. to enhance agricultural output as well as prevention of saline water intrusion, drainage improvement for a gross area of 1,30,347 ha and to provide irrigation facilities to some extent for net irrigable area of about 1,01,845 ha. More specifically, the project objectives are:

By the implementation of the project the following multiple objectives will be achieved:

- To provide drainage improvement facilities to about 1,30,347 ha gross area;
- To reduce intensity of floods, damages to crops, properties and human sufferings etc;
- To reduce drainage congestion/water logging during the post monsoon season;
- To augment agricultural productivity and acceleration of other economic activities;
- To increase fish production in the project area.



06. Estimated Cost :

(In lac Taka)

	Original	Latest Revised
(a) Total	7905.42	28052.38
(b) Taka	7905.42	28052.38
(c) Foreign Currency	-	-
(d) Project Aid	-	-
(e) RPA	-	-

07. Date of Approval	:	PCP	PP
(a) Original	:	-	11/02/2004
(b) 1 st Revised	:	-	28/02/2005
(c) 2 nd t Revised	:	-	22/05/2008
(d) Re-appropriation	:	-	19/04/2009
(e) 3 rd Revised	:	-	24/07/2012
(f) 4 th Revised	:	-	25/03/2014
(g) 5 th Revised	:	-	09/12/2014

08. Implementation Period :

	Date of Commencement	Date of Completion
(a) Original	July, 2003	June, 2007
(b) 1 st Revised	July, 2003	June, 2007
(c) 2 nd t Revised	July, 2003	June, 2010
(d) Re-appropriation	July, 2003	June, 2010
(e) 3 rd Revised	July, 2003	June, 2014
(f) 4 th Revised	July, 2003	June, 2015
(g) 5 th Revised	July, 2003	June, 2017

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 Effectiveness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8
Not Applicable							

b) GOB :

(In lac Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
28052.38	-	28052.38	-

9.2 Utilization of Project Aid : (Source wise)

(In million)

Source (s)	Total Amount		Actual Expenditure		Un-utilized Amount	
	In US \$	In Local Currency	In US \$	In Local Currency	In US \$	In Local Currency
1	2	3	4	5	6	7
Not Applicable						

9.3 Re-imbursible Project Aid (RPA) :

(In lac Taka)

R P A Amount		Amount Spent	Amount Claimed	Amount Re-imbursed	Remarks
As per PP	As per Agreement				
1	2	3	4	5	6
Not Applicable					

B. IMPLEMENTATION POSITION**01. Implementation Period :**

Implementation Period as per PP				
Original	Latest Revised	Actual Implementation period	Time Over-run (% of original implementation period)	Remarks
1	2	3	4	5
July, 2003 to June, 2007	July, 2003 to June, 2017	July, 2003 to June, 2017	250 %	The main two component of the project-closure & regulator situated in remote & coastal area. Project activities hampered seriously by natural calamities like Sidor & Aila etc.

02. Cost of the Project :

(In lac Taka)

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised			
1	2	3	4	5	6
TOTAL	7905.42	28052.38	26896.57	240.23%	The design of main two component of the project-closure & regulator reviewed & schedule rate also changed/increased.
TAKA	7905.42	28052.38	26896.57		
PA					

03. Project Personnel :

Sanctioned strength as per PP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per pp	Existing manpower for O & M	Others		
1	2	3	4	5	Male	Female
Officer (s)	9	11	9	-	Existing manpower were engaged for overall management	
Staff(s)	4	14	4	-		
Total :	13	25	13	-		

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

Field of Training/Study tour/workshop/ Seminar etc.	Provision as per PP		Actual		Remarks
	Number of person	Man - months	Number of person	Man Months	
1	2	3	4	5	6
a. Foreign	Not Applicable				
b. Local	Not Applicable				

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

(In lac Taka)

Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
A) Revenue Component						
Petrol/fuel for existing vehicle	LS	6.04	1 item	6.00	1 item	
Printing/pub. of Tender Document	LS	3.00	1 item	3.00	1 item	
Geo-Technical Investigation	LS	6.13	1 item	3.02	1 item	
Survey & Investigation	LS	16.00	1 item	15.93	1 item	
Contingency	LS	35.41	1 item	35.41	1 item	
Overhead Cost	LS	155.65	1 item	155.65	1 item	
Sub-total Revenue (A) :		222.23		219.01		
B) Capital component						
Acquisition of Assets:						
Motor Cycle (125 XL)	nos.	6.00	5	6.00	5	
Photocopier	nos.	2.50	2	2.50	2	

Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (±)
		Financia 1	Physical (Quantity)	Financia 1	Physical (Quantity)	
1	2	3	4	5	6	7
Acquisition/Purchase of land and Landed properties of Assets:						
Land Acquisition	Ha.	563.60	77.32Ha	390.27	60.83 Ha	Acquisition was as per condition of field requirement.
Construction of works:						
Construction of Musapur Regulator (23 Vent-3.00 MX3.00 M)	Nos	3676.17	1	3664.83	1	
Construction of Closure with Tie Embankment	Nos (Km)	17478.75	Nos (4.92Km)	17415.78	1 Nos (4.92Km)	
Excavation of Diversion Channel of Musapur Regulator (2176569 cum)	Km	3353.95	2.36	2616.18	2.36	
Renovation of Kazirhat Regulator	Nos	5.00	1	5.00	1	
Re-excavation of Channels (5108392 cum)	Km	1694.47	103.79	1551.60	59.65	As per field condition.
Re-excavation of Internal Channels (445800 cum)	km	190.07	30.00	190.07	30.00	
Re-excavation of Sonaichari and New Dakatia River (766699 cum)	km	434.84	109.86	434.84	109.00	
Protection work	km	414.80	0.53	390.54	0.530	
O&M during construction	1 item	10.00	1 item	9.95	1 item	
Sub-total Capital (B) :		27830.15		26677.56		
Physical contingency (C) :		0.00		0.00		
Price contingency (D) :		0.00		0.00		
Grand Total (A+B+C+D) :		28052.38	100%	26896.57	100.00%	

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
Mr. Saiyad Ahammod Superintending Engr. Feni O&M Circle, (Scale 15000-600 x 8-19800)	Yes		Yes	০১-০৭-২০০৩	০৬-০১-২০০৮	
Mr. A.K.M. Said Uddin Superintending Engr. Feni O&M Circle, (Scale 15000-600 x 8-19800)	Yes		Yes	২৮-০১-২০০৮	১০-০১-২০০৯	
Mr. Ahsanul Alam Superintending Engr. Feni O&M Circle, (Scale 15000-600 x 8-19800)	Yes		Yes	১১-০১-২০০৯	২১-০১-২০০৮	





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
Mr. Mhd. Fazlur Rahman Superintending Engr. Feni O&M Circle, (Scale 15000-600 x 8-19800)	Yes		Yes	২২-০১-২০০৮	০৪-০৯-২০০৮	
Mr. Shamsul Huda Khan Superintending Engr. Feni O&M Circle, (Scale 25750 -1000x8-33750)	Yes		Yes	০৫-০৯-২০০৮	১০-০৮-২০১০	
Mr. Jashim Uddin Bhuiyan Superintending Engr. Feni O&M Circle, (Scale 25750 -1000x8-33750)	Yes		Yes	০৫-০৯-২০১০	০৫-১১-২০১৩	
Mr. K M Anwar Hossain Superintending Engr. Feni O&M Circle, (Scale 25750 -1000x8 -33750)	Yes		Yes	১১-১১-২০১৩	২৫-০৭-২০১৫	
Mr. Akhil Kumar Bishwas Superintending Engr. Feni O&M Circle, (Scale 50,000 -71,200/-)	Yes		No	২৬-০৭-২০১৫	২০-০১-২০১৬	
Mr. Rafique Ullah Superintending Engr. Feni O&M Circle, (Scale 50,000 -71,200/-)	Yes		No	২১-০১-২০১৬	৩০-০৬-২০১৭	

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	5(Five)	14-06-2009		June, 2017		
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 lac and Consultancy above Tk.100.00 lac :

Description of procurement (goods/works/consultancy) as per bid document	Tender / Bid / Proposal Cost (in lac Taka)		Tender / Bid / Proposal		Date of completion of works / services and supply of goods	
	As per PP	Contracted value	Invitation date	Contract signing / LC opening date	As per contract	Actual
1	2	3	4	5	6	7
Construction of Musapur Regulator 23-vent (3.00mx3.00m) over Little Feni River in C/W New Dakatia and Old Dakatia-Little Feni River Drainage Project (Part of South Comilla and North Noakhali Component Drainage Project) under Noakhali O&M Division, BWDB, Noakhali during the year-2004-2005, 2005-2006 & 2006-2007 (Package/Lot No.CMR-01)	1878.85	2112.23 ***	24/07/2004	12/03/2005	30/04/2007	25/05/2009
Supply and Installation of Electric Type Hoisting devise of Musapur 23-vent Regulation	812.78	812.78	12/04/2005	07/10/2008	15/12/2009	15/12/2009
Construction of Closure at Musapur over Little Feni River including Re-excavation of Diversion Channel (U/S & D/S).	19358.99	18621.23	14/10/2014	15/03/2015	14/06/2016	14/06/2016
Construction & Re-sectioning and carpeting of inspection road from km. 0.000 to km 5.585 = 5.585 km.	389.93	389.47	07/09/2015	01/11/2015	30/06/2016	30/06/2016
Bank Protection work at right bank of Little Feni River near DS-1 sluice along the embankment from km 1.550 to km 1.850 = 300 m.	333.67	311.29	07/09/2015	01/11/2015	30/06/2016	10/02/2017
Re-excavation of Little Feni River km.67.00 to km 90.000=23.000 km (Package No Little Feni-01/15-16)	650.60	507.73	22/11/2015	11/01/2016	31/05/2016	09/06/2016
Total =	23424.82	22754.73				

***As per reviewed and revised approved design of Musapur 23-vent regulator, the quantity of reinforcement, loose apron and diversion channel items increased. schedule rate also changed/ increased.

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

Name of the Field	Approved man month		Actual man month utilized	Remarks
	As per PP	As per contract		
1	2	3	4	5
A) Foreign :	Not Applicable			
B) Local :	Not Applicable			

09. Construction/Erection/Installation Tools & Equipment:

Description of items	Quantity (as per PP)	Quantity procured with date	Transferred to O & M with date	Disposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
Not Applicable						

C. FINANCIAL AND PHYSICAL PROGRAMME :

01. (A) Original and revised schedule as per PP:

(In lac Taka)

Financial Year	According to Original DPP				According to 5 th revision			
	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
2003-2004	1146.02	1146.02	-	4.09%	1.50	1.50	-	0.01%
2004-2005	1001.50	1001.50	-	3.57%	1000.00	1000.00	-	11.77%
2005-2006	1004.44	1004.44	-	3.58%	1004.44	1004.44	-	11.82%
2006-2007	1478.61	1478.61	-	5.27%	1478.61	1478.61	-	12.82%
2007-2008			-		633.21	633.21		5.49%
2008-2009					1191.90	1191.90		10.34%
2009-2010					1683.17	1683.17		14.60%
2010-2011					8.29	8.29		4.00%
2011-2012					100.00	100.00		2.65%
2012-2013					17.38	17.38		8.25%
2013-2014					0.00	0.00		0.00%
2014-2015					6200.00	6200.00		8.25%
2015-2016					9990.82	9990.82		7.81%
2016-2017					3692.00	3686.97		2.25%
	7905.42	7905.42	-	100.00%	28052.38	28052.38	-	100.00%




b

01. (B) Revised ADP allocation and progress:

(In lac 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
2003-2004	2.00	2.00	-	0.02%	2.00	1.50	1.50	-	0.02%
2004-2005	1000.00	1000.00	-	11.77%	1000.00	1000.00	1000.00	-	11.77%
2005-2006	1100.00	1100.00	-	11.82%	1055.75	1004.88	1004.88	-	11.82%
2006-2007	2000.00	2000.00	-	12.82%	2000.00	1478.61	1478.61	-	12.82%
2007-2008	1000.00	1000.00	-	5.492%	998.50	633.16	633.16	-	5.49%
2008-2009	1200.00	1200.00	-	10.34%	1197.00	1191.81	1191.81	-	10.34%
2009-2010	1700.00	1700.00	-	14.75%	1700.00	1683.17	1683.17	-	14.75%
2010-2011	8.78	8.78	-	4.00%	8.78	8.29	8.29	-	4.00%
2011-2012	2.00	2.00	-	2.49%	2.00	0.00	0.00	-	2.49%
2012-2013	1750.00	1750.00	-	8.25%	1750.00	17.38	17.38	-	8.25%
2013-2014	10.00	10.00	-	0.00%	0.00	0.00	0.00	-	0.00%
2014-2015	6200.00	6200.00	-	8.25%	6200.00	6200.00	6200.00	-	8.25%
2015-2016	10000.00	10000.00	-	7.85%	9990.82	9990.80	9990.80	-	7.85%
2016-2017	3692.00	3692.00	-	2.15%	3687.00	3686.97	3686.97	-	2.15%
Total =	29655.78	29655.78	-	100%	29591.85	26896.57	26896.57	-	100.00%

N.B. Each FY RADP allocation & fund release was provided considering the approved total DPP cost provision. At the completion of the project, the sum of fund allocation & release exceeds final DPP cost. Due to being unable to spend the released sum on FY 2006-07, 2007-08 and 2012-13, such situation happened.

  

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
a) Self reliance in food grain production. b) Poverty Reduction Strategy of Gov. c) Environmental improvement Accelerated Macroeconomic activities to provide protection from cyclone surges, flood and storms. d) To save the homestead lands, Health complex, government Offices, school and madrasa etc. e) Uplift the economic condition of the people; f) To create employment Opportunity.	-About 1,30,347 Ha gross area have got drainage facilities improvements -Protection Intrusion of saline water and cyclone surges have facilitated for net irrigable area of about 1,01,845 ha. -Agriculture extension has helped preventing reduction by creating employment opportunities. So economic condition of stake holder have been raised. -Construction of Musapur Closure has saved various public and private establishment and land for tidal surge erosion. -tourism opportunities have been created. -Increase agricultural productions & business. -Increase land value of the area. -Employment opportunity for men & women was created at the construction phase of the project.	No shortfall arise.

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)
a) Drainage Facilities Extension	Ha (area)	130347 Ha	The project is just completed on June, 2017. The output can be estimated after a year elapse.
b) Prohibition of saline water intrusion & tidal surge	Ha (area)	101845 Ha of net irrigable area	
c) Tourism	-	Unquantifiable	

02. Cost / Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project		Will be evaluated later by concern directorate of BWDB.
(i) Financial	2.42 : 1.00	
(ii) Economic	2.59 : 1.00	
(2) Internal Rate of Return	23.77 %	
(i) Financial	24.70 %	
(ii) Economic		

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03. Please give reasons for shortfall, if any, between the estimated and actual benefit: Does not arise.

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:			
Sheik Altaf Ali Senior Secretary Ministry of Water Resources	30/01/2013	-	-
Md. Mahbubur Rahman State Minister of Water Resources & Mr. Azizul Haque DG, BWDB;	25/06/2013		
Mr. Rothindra Nath Mohottom & Mr. Rokonudoula Joint-Chief Ministry of Water Resources	25/10/2013		
Mr. Anisul Islam Mahmud Minister Water Resources; Md. Zafor Ahmed Khan; Secretary of Water Resources Ministry Md. Afzal Hossain; DG, BWDB, Dhaka & Mr. Emirates Dr. Ainunnishat; Professor (BRAC University)	01/02/2015		Honorable Minister give directions to take N/A to stop the flow & develop the Musapur Closure into full design section within the contract period.
Mr. Anisul Islam Mahmud Minister, Water Resources; Md. Abdur Rob Mia, DG, BWDB, Dhaka.	27/02/2015		
Obaidul Kader Minister Road & Communication Ministry; Md. Nazrul Islam State Minister of Water Resources; Md. Zafor Ahmed Khan Secretary of Water Resource; A.N.M. Abdur Rahman Additional Secretary of Water Resources & Md. Ismail Hossain DG, BWDB	15/04/2015		Musapur Closure is to be completed in full design section within the contract period.

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Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Mr. Anisul Islam Mahmud Minister Water Resources; Md. Nazrul Islam, State Minister of Water Resources; Md. Zafor Ahmed Khan Secretary of Water Resources; A.N.M. Abdur Rahman; Addl. Secretary of Water Resources & Md. Ismail Hossain DG, BWDB.	14/07/2015		
Md. Nazrul Islam, State Minister of Water Resources; Abdullahel Baki, ADG, BWDB; CE, Comilla, BWDB; Kazi Tofael, SE, BWDB & PD, BWDB;	18/03/2016		
AKM Monzur Hasan, Chief Monitoring, BWDB; Md. Siddiqur Rahman Assistant Chief, Ministry of Water Resources;	03/09/2016		
r. Romesh Chandra Sen Chairman of Water Resource related 10 th Parliamentary Committee & Members, Parliamentary committee	04/02/2017		1. Necessary steps to be taken for keeping Musapur Closure workable under regular supervision. 2. Necessary steps to be taken by BWDB for forestation by leveling & dressing un-utilized land in Musapur project area.
(b) IMED:			
MR. Doyanando Deputy Director, IMED, Planning Commission, Dhaka	11/04/2010		

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Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Mr. Md. Sayeduzzaman Deputy Chief, IMED, Planning Commission, Dhaka	07/01/2011	Musapur Closure is the most important component of the project. Project benefit would not achieve without construction of Musapur Closure. Early action is to be taken by BWDB authority against running contractor following PPR-2008. New contractor is to be engaged in this regard at the earliest possible time.	1. BWDB authority is to be more concern about selecting contractor of Musapur Closure in the 2 nd Revised DPP. 2. Early action is to be taken by BWDB authority against running contractor following PPR-2008. New contractor is to be engaged in this regard at the earliest possible time.
DG (Agri.), IMED, Dhaka With 06 Members (Special Committee) IMED, Planning Commission, Dhaka	01/03/2014		
MD. Monzurul Karim Joint Chief & Md. Kamrul Islam Ass. Chief IMED, Planning Commission, Dhaka	15/03/2014		
ERD Secretary, Division Chief & Joint Chief, IMED, Planning Commission, Dhaka	17/04/2016		
Md. Borkatur Rahman Assistant Director, IMED, Planning Commission, Dhaka	31/10/2015	1. Insufficient sand filling on the slope of Musapur Closure 2. No electrification in Musapur Regu. 3. No operation & security facility in Musapur Regu. 4. Incomplete road connectivity with Musapur Closure	1. Scope of dredging work is to be completed as soon as possible, 2. Necessary steps to be taken on emergency basis for electrification in Musapur Regu. 3. Necessary steps to be taken for operation & security facility in Musapur Regu. 4. Incomplete work of Inspection Road related to Musapur Closure is to be completed as early as possible.
(C) BWDB:			
Jashim Uddin Bhuiyan PD/SE, Feni O&M Circle, BWDB, Feni	22/11/2012		
ADG, East Zone, BWDB, Dhaka & PD, BWDB, Feni.	01/12/2012		

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Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	10/12/2012		
ADG, East Region, BWDB, Dhaka & PD, BWDB, Feni.	17/12/2012		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	19/12/2012		
DG, BWDB, Dhaka & Quarter Master General, Bangladesh Army	31/12/2012		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	05/01/2013		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	24/01/2013		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	07/02/2013		
PD, BWDB, Feni.	14/02/2013		
PD, BWDB, Feni.	16/02/2013		
C.E, South Eastern zone, BWDB, Chittagong; C.E, Design, BWDB, Dhaka; SE, Design circle-IV, BWDB, Dhaka; & PD, BWDB, Feni.	19/02/2013		
Mr. Abdul Hai Baqi, SE, , BWDB, Feni. & Md. Haran-ur-Rashid, E.E., , Design circle-I, BWDB, Dhaka;	25/02/2013		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	06-03-2013		
Mr. Sunil Bormon Deb Roy ADG, BWDB, Dhaka; C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	17/03/2013		





Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
PD, BWDB, Feni.	20/03/2013		
PD, BWDB, Feni.	21/03/2013		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	22/03/2013		
Technical Committee (Heeded by ADG, BWDB, Dhaka)	11/09/2013		
Mr. K.M. Anwar Hossain, SE, Feni Circle, BWDB, Feni	17/11/2013		
Mr. Abdul Mannan SE, Design Circle-IV, BWDB, Dhaka & Dr. Zibon Kumar Sarkar EE, Design Circle-IV, BWDB, Dhaka	30/01/2014		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	01/02/2014		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	22/02/2014		
C.E, South Eastern zone, BWDB, Chittagong & PD, BWDB, Feni.	13/03/2014		
Md. Shahidur Rahman DG, BWDB, Dhaka	01/11/2014		
Md. Afjal Hossain DG, BWDB, Dhaka & Mr. Kazi Tofael Hosen SE, Design Circle-2, BWDB, Dhaka.	19/12/2014		
C.E., Eastern zone, BWDB, Comilla.	10/12/2014		

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Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Md. Abdur Rob Mia DG, BWDB, Dhaka & Mr. Saiyed Ahsan Ali ADG, BWDB, Dhaka;	22/02/2015		
C.E., Eastern zone, BWDB, Comilla & PD, BWDB, Feni.	11/03/2015		
PD, BWDB, Feni.	23/03/2015		
C.E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni.	03/04/2015		
Md. Abdul Baten ADG, BWDB, Dhaka; Mr. B.M. Nath SE, Design Circle-V, BWDB, Dhaka & PD, BWDB, Feni.	04/04/2015		
Md. Abdul Baten, ADG, BWDB, Dhaka & PD, BWDB, Feni.	10/04/2015		
Md. Zahangir Kabir C.E Design, BWDB, Dhaka.	07/05/2015		
Md. Masud Ahmed P.Eng. Chief Monitoring, BWDB, Dhaka.	17/05/2015	-	-
Design Team from Dhaka Design Office	20/05/2015		
Md. Ismail Hossain. DG, BWDB, Dhaka Md. Mosaddeq Hossain C.E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni.	04/07/2015		
PD, BWDB, Feni.	05/08/2015		
Md. Abdul Khalek Chief Monitoring, BWDB, Dhaka. Md. Ali, Director (O&M), BWDB, Dhaka & Md. Shofiqul Haque Director (Pressing) , BWDB, Dhaka.	21/10/2015		
C.E, Eastern zone, BWDB, Comilla	20/12/2015		
PD, BWDB, Feni.	26/01/2016		
C.E, Eastern zone, BWDB, Comilla, PD, BWDB, Feni & Dr. Zibon Kumar Sarkar EE, Design Circle-IV, BWDB, Dhaka	30/01/2016		
PD, BWDB, Feni.	17/03/2016		
C.E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni.	30/04/2016		

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Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
C E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni.	24/05/2016		
Dr. Zibon Kumar Sarkar EE, Design Circle-IV, BWDB, Dhaka & Md. Mazedur Rahman EE, Design Circle-IV, BWDB, Dhaka	02/06/2016		
Md. Lutfar Rahman, S.E, Planning, BWDB, Dhaka	05/06/2016		
Md. Atiqur Rahman, ADG, BWDB, Dhaka; C/E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni	24/06/2016		
Dr. Zibon Kumar Sarkar EE, Design Circle-IV, BWDB, Dhaka	26/06/2016		
Mr. Md. Momtaz Uddin, ADG (East), BWDB, Dhaka; C/E, Eastern zone, BWDB, Comilla & PD, BWDB, Feni	20/08/2016		
ADG, Planning, BWDB, Dhaka; Chief Planning, BWDB, Dhaka & Director Planing-1, BWDB, Dhaka	04/02/2017		

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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
No Internal Audit was done			

2.2. External Audit:

Audit period	Date of submission of Audit Report	Major findings/ objections		Whether objections Resolved or not.
		Para	Title	
২০১২-২০১৩	০৫/০৯/২০১৬	০২	শিরোনাম : ক্রেজার নির্মাণ কাজে একনেক অনুমোদিত পরিমানের অধিক অর্থ ব্যয় চুক্তি সম্পাদন। ১৪,০৪,০০,০০০ টাকা এখতিয়ার বর্ধিত ব্যয়।	Resolved
২০১৪- ২০১৫	০৫/০৯/২০১৬	০১	শিরোনাম : প্রাক্কলন সংশোধনের নামে ডিপিপি মূল্য অপেক্ষা এবং ১ম চুক্তি অপেক্ষা অনিয়মিতভাবে ১,৩৯,৯০,৯৮,১২০/- টাকার চুক্তি সম্পাদন করায় অতিরিক্ত ব্যয় এবং ঠিকাদারকে অনিয়মিতভাবে ৬২,০০,০০,০০০/- টাকা পরিশোধ, বিলম্বে জরিমানা কর্তন না করায় ৪,৯৪,৮০,০০০/- টাকা আর্থিক ক্ষতি।	Resolved
২০১৪- ২০১৫	০৫/০৯/২০১৬	০২	শিরোনাম : মুছাপুর ছোট ফেনী নদীতে ক্রেজার নির্মাণ কাজে ঠিকাদার চুক্তিমূল্যের উপর বীমা না করায় বীমার প্রিমিয়াম বাবদ ১,০৬,৭৯,২৭৯/= টাকা এবং প্রিমিয়ামের উপর ভ্যাট বাবদ ১৬,০১,৮৯১/= টাকা রাজস্ব ক্ষতি।	Resolved


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G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on :

1.1 Background

The drainage basin of the old Dakatia/Little Feni River is bounded by the Tippera Hills and the Feni Sonagazi Road at the east and a natural ridge on the west. The total catchments area is about 669 sq. km. The upper reach of the river above the Gunabati Railway bridge is known as the old Dakatia river and the southern part below the Railway Bridge is known as the Little Feni River. The Dakatia river is bifurcated at the confluence with Sonai-charri khal near Pipula Bazar. The channel that flows westward and meets the Meghna at Chandpur is known as the New Dakatia river and the other branch of the channel that flows Southward is called the old Dakatia River. The Old Dakatia/ Little Feni River originates from the Sonai Chari confluence with the New Dakatia and flowing towards south falls to the Bay of Bengal through Sandwip channel.

A report of "Construction of Costal Embankment" was prepared by the Irrigation Department of the then East Pakistan. The report was reviewed by M/S Engineering & Co. And recommended for Construction of 74 polders in the project title "Costal Embankment Project". The project was completed 1961-62 to 1970-71 by the then EP-WAPDA including construction of polder 59/1A and polder 60. Construction of Kazirhat Regulator (20-vents) at the confluence of two polder (polder 59/1A and polder 60), re-excavation of river, construction of embankment, Loop Cut etc. was completed during 1967-68 to improve the drainage facilities, intrusion saline water, tide and to provide irrigation facilities. Construction of Kazirhat Regulator was completed in the year of 1963. The coast line which was about 12.00 km. away from the Kazirhat Regulator at the time of its construction. The Coast line has farther moved about 12.00 k.m. due to Construction of Meghna Cross Dam No-2 and other interventions and present coastline stands about 24.00 k.m. at downstream of Kazirhat Regulator. The monsoon reroof coming from hilly region in the upstream area passes through Old Dakatia / Little Feni River to the Bay of Bengal through the Sandwip channel. Drainage Congestion in the catchments is still a problem partly due to heavy siltation at the outfall of the Kakri River and partly due to the tidal deposition downstream of Kazirhat Regulator. The active channel (The Little Feni River) downstream of the Kazirhat Regulator continuously silted up every year due to tidal affect and about a length 4.00 k.m. is required to be excavated to release the monsoon runoff of the catchments. The catchments area both upstream and downstream suffered drainage congestion, saline water intrusion, tide etc. during monsoon. As a result the following damages and problems occur in the project area.

- (i) Damage of crops;
- (ii) Reduce Fertility of Cultivable lands;
- (iii) Irrigation facilities of the upstream of Kazirhat Regulator during monsoon;
- (iv) Human sufferings;

Under the situation described above, the problem can be improved through implementation of physical interventions such as Construction of Regulator (23-vents 3.00mx3.00m) at Musapur. Renovation of Kazirhat Regulator to box culvert, Closure on the Little Feni River with Tie Embankment, Loop cut, excavation of River/Khal etc.

It is mentioned that in the study report of "south-East Regional Study" under Fap-5 (August 1993, Volume-1, Part-1, Page-2-37) recommended for Construction of 20-vents Regulator at downstream of Kazirhat Regulator to improve the existing problem in the catchments. Moreover, Study report of "North Noakhali drainage project (October, 1993, Vol.-1, Main Report, Page 10 to 15,16,17,20 & 21) and Model Study results done by Surface Water

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Modeling Center (SWMC, now IWM) also recommended for Construction of a Regulator at Musapur, 15 KM downstream of Kazirhat Regulator. Since, the project was not taken up as per recommendation till 1999. Decision was taken for further study increasing the project area to about 3,20,000 ha. Accordingly Surface Water Modeling Center (SWMC, now IWM) and M/s Engineering and Planning Consultant (EPC) were assigned for Modeling and Feasibility Study of the Project respectively. The Consultant submitted the final feasibility report in the project title “South Comilla and North Noakhali Comprehensive Drainage Project” in the month of March 2002, The Executive Summary of the study report is enclosed (Appendix-7). In the Feasibility Study Report, the whole Project area was divided into for systems, which is as follows:

- (i) Wapda-Rahmatkhali Khal System.
- (ii) Noakhali-Bamni River System.
- (iii) Old Dakatiya-Little Feni River System.
- (iv) New Dakatiya System.

Comprising of the above 2 (two) system (iii and iv) as recommended in the Feasibility study, a project named “New Dakatiya and Old Dakatiya-Little Feni River Drainage Project” (Part of South Comilla & North Noakhali Comprehensive Drainage Project) has been prepared with total gross area 1,01,845 ha.

1.2 Justification/Adequacy

The two main Justifications are-

- To allow the adoption of a realistic time requirement for implementing of the project location in the project area where tide occurred two times in a day. Consequent, working time found less in compared to main land.
- To include the additional volume of work beyond the existing project due to high tidal fluctuation, cyclone, erosion and siltation of in adjacent location & beyond the project.

1.3 Objectives :

The main objective of the project is to uplift economic condition and living standard of the population through improvement of drainage system of Comilla, Chandpur, Feni and Noakhali District. Feasibility study on “South Comilla and North Noakhali Comprehensive Drainage Project” concerning sustainable removal of drainage congestion has been considered for taking necessary interventions. The project incorporate physical programme such as construction of regulator at Musapur (23-vent-3.00m x 3.00m), construction of closure with tie embankment, re-excavation of diversion and internal channels etc. to enhance agricultural output as well as prevention of saline water intrusion, drainage improvement for a gross area of 1,30,347 ha. and to provide irrigation facilities to some extent for net irrigable area of about 1,01,845 ha. More specifically, the project objectives are:

- ▶ To provide drainage improvement facilities to about 1,30,347 ha gross area;
- ▶ To reduce intensity of floods, damages to crops, properties and human sufferings etc;


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- ▶ To reduce drainage congestion/water logging during the post monsoon season;
- ▶ To augment agricultural productivity and acceleration of other economic activities;
- ▶ To increase fish production in the project area.

The cropping intensity of the project area is estimated to be increased from 155.66% to 220.45% with the implementation of the project. At full development stage, the project will provide an annual incremental paddy production of 246113.09 m.ton equivalent to Taka 18972.30 lac. Moreover, during construction period, the project will provide employment for about 73.00 lac man-days and 3.43 lac man-days of skilled and unskilled labour for annual O&M of the project. The total man-days required for acceleration of farm activities are 313.42 lac man-days as against 202.58 lac man-days at present. As such 110.84 lac man-days of additional employment will be generated each year in direct agricultural activities.

1.4 Project revision with reasons:

The PCP of the project was approved in ECNEC meeting held on 11.02.2004 with a cost of Tk.7905.42 lac. Subsequently original PP of the project was prepared in the light of approved PCP and finalized in DPEC meeting held on 13.03.2004 in the Ministry of Water Resources (MoWR).

The main objective of the project is to reduce drainage congestion of the entire area impacted by hilly stream flowing from Tripura Hilly Terrain of India. But the re-excavation of major channels as provided in original project programmed would not improve the overall drainage condition of the entire area. As such, re-excavation of all connecting link channels needed to be included in the project. Local peoples including elected representatives also demanded for re-excavation of link channels. In response to the local demand and existing field condition, the 1st revision of the project was made with inclusion of "Rehabilitation/re-excavation of all connecting link channels in Sonaichari & New Dakatia River System". The cost of the project was increased to Tk.8494.02 lac in the 1st revision PP for inclusion of 139.90 km connecting/link channels in Sonaichari & New Dakatia river system, which was duly been approved by the competent authority following recommendations of the DPEC meeting held on 28.02.2005 in the Ministry of Water Resources (MoWR).

The project supposed to be commenced in FY: 2003-2004 as per approved PCP/PP. But the PCP was approved in February, 2004 and PP was finalized in March, 2004. As such practically no work was undertaken in FY: 2003-2004 and the project was actually commenced in FY: 2004-2005.

During 1st year implementation period (2004-2005), the project activities practically limited to tender finalization etc and as a result no significant progress of project work was made up to



June, 2005. But during implementation, it was observed that some items needed to be addressed immediately with inclusion in the revised PP so that the different component of work executed smoothly for achieving targeted goals. These are inclusion of increased cost of different item of works, which was evolved for change of schedule of rates, change of design and change of scope of work. Accordingly the 2nd revised DPP was prepared with the accommodation of the above things and finally approved in the ECNEC meeting held on 22nd May, 2008 with a cost of Tk. 11525.17 lac. The revised DPP was prepared based on schedule of rates of 2006.

The cost of labour and construction materials was increased abnormally in the January, 2008 to May, 2008. To accommodate the prevailing market price, the schedule of rates also changed and the changed schedule of rates effective from 1st July, 2008. As a result the cost of different items of works in the different components of RDPP was increased.

The estimated cost of manufacturing & installation of Flap gates and radial gates including electric type hoisting device of Musapur Regulator increased as per prevailing schedule of rates of 2008, which was supplied & installed by Mechanical Equipment Directorate of BWDB.

The cost of construction of closure also increased from Tk. 1484.70 lac to Tk. 1721.98 lac as per prevailing schedule of rates of 2008. By this time tender was floated for the construction of the closure and the quoted amount of the lowest responsive bidder was Tk. 1665.00 lac. To execute the work by the above rate, necessary provision was made in the RDPP.

On the other hand the provision for excavation of Diversion channel of Musapur regulator in the approved RDPP was Tk. 1859.15 lac. The tender was finalized for the work & the work has been completed. The contract value of the work is Tk. 1295.30 lac. As such, Tk. 563.85 (1859.15 - 1295.30) lac was saved against this component. The saving was proposed to utilize for gate manufacturing & installation of Musapur regulator & construction of closure by re-appropriation. To keep necessary provision in the RDPP for different component by re-appropriation for implementation of different component properly and timely to achieved the target of the project by utilizing the project cost, the recast of RDPP was proposed. The total cost of the project would remain unchanged in the recast RDPP.

The project needed re-appropriation within the 2nd revised approved project implementation span due to change in estimated cost of major physical components based on approved design and present approved schedule of rates and re-appropriation was made and approved by the MoWR in 2008.

A meeting of the Project Evaluation Committee (PEC) was held on 05-04-2012 at Planning Commission to discuss the 3rd revision of the recast DPP. As per decision of the PEC meeting, the DPP (3rd revision) was recast and total project cost stood at Tk. 14815.70 lac

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(a) As per approved RDPP (4th Revised) provision, the cost of construction of closure with tie embankment is Tk. $(4948.00+120.88)=5068.88$ lac, But the estimated cost of the closure on the basis of Revised design is about Tk. 17357.87 lac and for tie embankment Tk. 120.88 lac. So total cost will be Tk. $(17357.87+120.88)= 17478.75$ lac. Thus increase will be $(17478.75-5068.88)= 12409.87$ lac.

Thus recast cost will be $12409.87+5068.88= 17478.75$ lac

(b) As per approved RDPP (4th Revised) provision, the cost for excavation of Diversion channel is Tk. 2591.21 lac. where diversion channel was planned to be excavated as per minimum design section, in-stead of full, design section. To excavate the Channel in full design section cost will be around Tk. 2059.00 lac. 2.36 km. diversion channel was excavated during 2008-2009 and cost was 1294.95 lac. At that time, the contractor for construction of closure failed to complete the closure work. In the mean time the excavated diversion channel become silted-up. So, for smooth functioning of Musapur regulator. the excavation of Diversion Channel in full design section is essential and without this excavation the construction of closure would not be possible to done.

So recast cost for full section excavation and Re-excavation of diversion channel will be Tk. $(2059.00+1294.95) = 3353.95$ lac. . Thus increase will be Tk. $(3353.95-2591.21)= 762.74$ lac.

Thus recast cost will be $2059.00+1295.95= 3353.95$ lac.

It may be mentioned here that after execution of diversion channel, if for any reason construction of closure could not be done as per schedule or fail after closing the newly re-excavated diversion channel will again be started to silt-up and then there will be no provision left for diversion channel re-excavation further. For that reason, this work need to be incorporated with closure-work following PPR'2008. And at that time, payment procedure for Diversion Channel re-excavation will follow payment procedure of closure work and only after successful-closing of Musapur Closure, Payment for diversion channel re-excavation will be made as field measurement.

c) As per RDPP 4th revision, provision for construction of 23-vet Musapur Regulator is Tk.3541.18 lac where Tk.3234.84 lac was spend up-to June, 13 for construction (Civil & Mechanical part) of 23-vet(3.00mx3.00m) Musapur regulator. The remaining Tk.306.34 lac was kept on for Electrical work thatise Construction of control room, Supply of transformer and installation of Musapur Regulator and carpeting of 5.400 km. inspection road. The estimated cost of the above works was prepared on the basis of schedule of rates of Feni O&M Circle,2011-2012. The cost of the above works now has been increased due to increased in present market rate. Present cost of the above works have been considered in this revision as per current schedule of rates (2014-2015) and hence additional taka 144.99 lac will be required to meet the expenditure for the above works, that is, total requirement under this sub-head item (Musapur Regulator) will be Tk. $(3541.18+134.99)=Tk.3676.17$ lac which has been proposed in this revision.

(d) In the RDPP 4th revision, there was provision of Tk.79.25 lac for 230 m protective work. But as Musapur Closure could not be constructed within the desired time, right bank of Little Feni River was damaged seriously in deferent locations within the last few years. During flood, 2014,

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পানি সম্পদ মন্ত্রণালয়
পরিকল্পনা শাখা-২
বাংলাদেশ সচিবালয়, ঢাকা।

নং- ৪২.০৪০.০১৪.০১.০০৩.২০০৩-১৫

প্রাপ্তি নং: ৬৪৫	তারিখ: ০৮/০২/১৫
* সহঃ প্রকৌশলী * সহঃ পরিচালক (ভূগরা) * সহঃ রাজস্ব কর্মকর্তা * প্রাকলিনিক * স্টেনোগ্রাফার/পিএ * উচ্চমান সহকারী * ডিইউ * রাজস্ব সার্ভেয়ার	* প্রকৌশলী/অতি জরুরী * আলাপ করুন * মজুমদার দিন * প্রয়োজনীয় ব্যবস্থা নিন * প্রতিবেদন দিন * পূর্ব প্রসঙ্গ পেশ করুন * তাগদ দিন * গণপত্র ও প্রাচীন

১৪-১০-১৪২১ বঙ্গ
১৭-০১-২০১৫ খ্রিঃ

প্রেরক : কিসমত জাহান ফেরদৌস
সহকারী প্রধান
প্রাপক : প্রধান হিসাব রক্ষণ কর্মকর্তা
পানি সম্পদ মন্ত্রণালয়
২য়-১২ তলা ভবন, সেগুন বগিচা, ঢাকা।

বিষয় : "নতুন ডাকতিয়া ও পুরাতন ডাকতিয়া-জেটি ফেনী নদী নিক্ষেপন (দক্ষিণ কুমিল্লা ও উত্তর নোয়াখালী সমন্বিত প্রকল্পের অংশ)" (এম সংশোধিত) শীর্ষক প্রকল্পের প্রশাসনিক অনুমোদন।

সূত্র : পরিকল্পনা কমিশনের পত্র নং-২০.০০.০০০০.৪১১.১৪.০৫২.১৪-০৮; তারিখ: ১৮-০১-২০১৫

আমি নিম্নস্বাক্ষরকারী নির্দেশক্রমে "নতুন ডাকতিয়া ও পুরাতন ডাকতিয়া-জেটি ফেনী নদী নিক্ষেপন (দক্ষিণ কুমিল্লা ও উত্তর নোয়াখালী সমন্বিত প্রকল্পের অংশ)" (এম সংশোধিত) শীর্ষক অনুমোদিত প্রকল্পটি মোট ২৮০৫২.৩৮ বর্গ (দুইশত আশি একটি বারান্ন বর্গ আটত্রিশ বাকর) টানা (সম্পূর্ণ অংশই জিওবি অনুদান) প্রাকলিত ব্যয়ে নিম্নবর্ণিত শর্ত সাপেক্ষে প্রশাসনিক অনুমোদন প্রাপ্ত করা হয়।

"সঠিক রিস্ক ফ্যাক্টর গণনার মাধ্যমে নদীর Natural Flow কে ঠিক রেখে ক্রোজার নির্মাণের কার্যক্রম সম্পন্ন করতে হবে এবং এটিই এ প্রকল্পের শেষ সংশোধনী।"

২। প্রকল্পটির অনুমোদিত বাস্তবায়ন মেয়াদ ইলুই, ২০০৩ হতে জুন, ২০১৭ পর্যন্ত।

৩। প্রকল্পটির অনুমোদিত অংশ ও অংশভিত্তিক ব্যয় বিবরণ নিম্নরূপ : (লক্ষ টাকায়)

ক্রম নং	অংশের বিবরণ	পরিমাণ	ব্যয়
ক)	রাজস্ব খাত :		
১)	পেট্রোল/ফ্যুয়েল	১ দফা	৬.০৪
২)	স্বাস্থ্য ওকমেট মূল্য/প্রচার	১ দফা	৩.০০
৩)	জিওবি কনসাল্ট ইনকোর্পোরেশন	১ দফা	৬.১৩
৪)	জিওবি কনসাল্ট	১ দফা	১৬.০০
৫)	কার্যনির্বাহক	১ দফা	৩৫.৪১
৬)	জিওবি কনসাল্ট	১ দফা	১৫৫.৬৫
	রাজস্ব খাতের উপমোট :		২২২.২৩
খ)	মূলধন ব্যয় :		
৭)	১০ মে. ১৪ সিস্টেমের ১২৫ কিলো গ্রাম	৫ টি	৬.০০
৮)	সিস্টেমের পাইপ	১ টি	২.৫০
৯)	ভূমি পরিমাপ	৭৭.৩২ হেক্টর	৫৬৩.৬০
১০)	মুজাপুর প্রকল্পের নির্মাণ ১৩ কিলো গ্রাম (২.৫০০ মিঃ)	১ টি	৩৬৭৬.১৭
১১)	জিওবি কনসাল্ট প্রকল্পের নির্মাণ	৪.৬২ কিলোমিটার	১৭৪৭৮.৭৫
১২)	মুজাপুর প্রকল্পের জিওবি কনসাল্ট প্রকল্পের নির্মাণ (৩৭৫.৭৩৭৪.৩২৭৭ মিঃ)	২.৩৬ কিলোমিটার	৩৩৭৩.৯৫
১৩)	কনসাল্ট ইনকোর্পোরেশন	১ টি	৫.০০
১৪)	কনসাল্ট প্রকল্পের নির্মাণ ৩০.৩৭৫৫ কিলোমিটার	১০০.৭৮ কিলোমিটার	১৬৯৪.৪৭
১৫)	কনসাল্ট প্রকল্পের নির্মাণ ৩০.৩৭৫৫ কিলোমিটার	৩০.৩৭৫৫ কিলোমিটার	১৬৯.০৭
১৬)	কনসাল্ট প্রকল্পের নির্মাণ ৩০.৩৭৫৫ কিলোমিটার	৩০.৩৭৫৫ কিলোমিটার	৭৫৪.৬৪
	মূলধন খাতের উপমোট :		১০৬৮৩.৬৮
১৭)	সিস্টেমের পাইপ	১৫৫ কিলোমিটার	৭১৪.০০
১৮)	কনসাল্ট প্রকল্পের নির্মাণ ৩০.৩৭৫৫ কিলোমিটার	১ দফা	১০.০০
	মূলধন খাতের উপমোট :		২৭৯৩০.৩৭

স্বাক্ষরকারী : প্রধান হিসাব রক্ষণ কর্মকর্তা

তারিখ: ১৫/০২/১৫

অনুলিপি অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য প্রেরণ করা হলো :

১. নির্বাহী প্রকৌশলী, ফেনী/নোয়াখালী/প্রকল্প পও বিতরণ, বাপাউবোর্ড

২. ডিসিইউ/একাউন্টস অফিসার, বাপাউবো, ফেনী

ক্রমিক নং	অংগের নাম	সংখ্যা/ পরিমাণ	জিওবি	মোট ব্যয়
১৬।	সোনাইছড়ি এবং নতুন ডাকাতিয়া সংযোগ খাল পুনঃখনন	১০৯.৮৬ কিঃমিঃ (E ৭৬৬৬৯৯ ঘঃমিঃ)	৪৩৪.৮৪	৪৩৪.৮৪
১৭।	সংরক্ষণমূলক কাজ	০.৫৩ কিঃমিঃ	৪১৪.৮০	৪১৪.৮০
১৮।	নির্মাণকালীন পরিচালন ও রক্ষণাবেক্ষণ	থোক	১০.০০	১০.০০
	উপমোট (মূলধন ব্যয়) :		২৭৮৩০.১৫	২৭৮৩০.১৫
	সর্বমোট (ক+খ) :		২৮০৫২.৩৮	২৮০৫২.৩৮

৪। এছাড়া, একনেক সভার কার্যবিবরণী সিদ্ধান্ত-১২.৩ :

"সঠিক রিস্ক ফ্যাক্টর গণনার মাধ্যমে নদীর Natural Flow-কে ঠিক রেখে ক্রোজার নির্মাণের কার্যক্রম সম্পন্ন করতে হবে এবং এটাই এ প্রকল্পের শেষ সংশোধনী।"

৫। অনুমোদিত ৫ম সংশোধিত ডিপিপি'র (প্রত্যেক পাতায় স্বাক্ষরিত) এক প্রস্থ এতদসংগে পরবর্তী ব্যবস্থা গ্রহণের জন্য সংযোজিত হল।

Muhammad
১৮-০১-২০১৫

(মোহাম্মদ কাউছার আলম)

সহকারী প্রধান

ফোন : ৯১৮০৮৮৩

সচিব

পানি সম্পদ মন্ত্রণালয়

বাংলাদেশ সচিবালয়, ঢাকা।

সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য অনুলিপি (জ্যেষ্ঠতার ক্রমানুসারে নয়) :

- ১। সিনিয়র সচিব, জনপ্রশাসন মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ২। সিনিয়র সচিব, অর্থ বিভাগ, অর্থ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ৩। সদস্য, কার্যক্রম বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
- ৪। সদস্য, সাধারণ অর্থনীতি বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
- ৫। ভারপ্রাপ্ত সদস্য, কৃষি, পানি সম্পদ ও পল্লী প্রতিষ্ঠান বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
- ৬। ভারপ্রাপ্ত সচিব, বাস্তুবায়ন পরিবীক্ষণ ও মূল্যায়ন বিভাগ, শেরে বাংলা নগর, ঢাকা।
- ৭। বিভাগ প্রধান, কৃষি, পানি সম্পদ ও পল্লী প্রতিষ্ঠান বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
- ৮। মহাপরিচালক, বাংলাদেশ পানি উন্নয়ন বোর্ড, ওয়াপদা ভবন, মতিঝিল, বা/এ, ঢাকা।
- ৯। প্রধান হিসাব রক্ষণ কর্মকর্তা, পানি সম্পদ মন্ত্রণালয়, সচিবালয় ভবন ৩য় ফেইজ, ৫ম তলা, সেগুনবাগিচা, ঢাকা।

সদয় অবগতির জন্য অনুলিপি :

- ১। মাননীয় মন্ত্রীর একান্ত সচিব, পরিকল্পনা মন্ত্রণালয়, শেরে বাংলা নগর, ঢাকা।
- ২। মাননীয় প্রতিমন্ত্রীর একান্ত সচিব, অর্থ মন্ত্রণালয় ও পরিকল্পনা মন্ত্রণালয়, শেরে বাংলা নগর, ঢাকা।
- ৩। সচিব মহোদয়ের একান্ত সচিব, পরিকল্পনা বিভাগ, শেরে বাংলা নগর, ঢাকা।
- ৪। যুগ্ম-প্রধান মহোদয়ের ব্যক্তিগত কর্মকর্তা, এনইসি-একনেক ও সমন্বয় অনুবিভাগ, পরিকল্পনা বিভাগ, শেরে বাংলা নগর, ঢাকা।
- ৫। উপ-প্রধান (একনেক) মহোদয়ের ব্যক্তিগত কর্মকর্তা, পরিকল্পনা বিভাগ, শেরে বাংলা নগর, ঢাকা।