



BANGLADESH WATER DEVELOPMENT BOARD

PROJECT COMPLETION REPORT

IMED FORM NO. : 04/2003 (Revised)

NAME OF PROJECT : SOUTH COMILLA-NORTH NOAKHALI COMPREHENSIVE
DRAINAGE AND IRRIGATION PROJECT.

ZONE : NORTH-EASTERN ZONE, BWDB, CHANDPUR.

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 : South Comilla-North Noakhali Comprehensive Drainage and Irrigation Project.
02. Administrative Ministry/Division : Ministry of Water Resources
03. Executing Agency : Bangladesh Water Development Board
04. Location of the Project : Comilla Sadar, Laksham, Chowdhagram, Nagaikot & Barura in Comilla district, Kachua, Shahrasti, Hazigonj, Faridgonj & Chandpur Sadar in Chandpur district, Sonagazi, Daganbhuiyan & Feni Sadar in Feni district, Noakhali Sadar, Companygonj, Begumgonj & Chatkhil in Noakhali district and Laxmipur Sadar, Shenbag, Ramgoti & Ramgonj in Laxmipur district.

05. Objective of the Project :

The main objectives of the Project is to provide integrated flood control, drainage enhancement and irrigation facilities in the entire project area. Proposed comprehensive project proposal contains two components i.e. drainage & irrigation components. Objective of drainage component is to enhance extensive drainage system for 1,89,672 ha. as per comprehensive study of the project through reduction of monsoon flood depths, Water logging and as well as ensuring effectiveness of optimal drainage management. The objective for irrigation component of the project is to extend irrigation facilities by exploiting Dakatia river water through Rahmatkhali regulator in order to enhance optimal agricultural production in the project area. Proposed Irrigation interventions ensures availability of surface water for extension of dry season irrigation coverage. Besides, sustainability of navigation facilities and open water capture fisheries has been considered in proposed project planning.

06. Estimated Cost :

(In Lakh Taka)

	Original	Latest Revised
(a) Total	29848.22	--
(b) Taka	29848.22	--
(c) Foreign Currency	--	--
(d) Project Aid	--	--
(e) RPA	--	--

07. Date of Approval :

PCP	DPP
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(a) Original	:	--	23-10-2005
(b) Latest Revised	:	--	--

08. Implementation :

	Date of Commencement	Date of Completion
(a) Original	2005-2006	2008-2009
(b) Latest Revised	--	--
(c) Actual	2005-2006	2008-2009

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
Not applicable							

b) GOB :

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
29848.22	-	29848.22	-

9.2 Utilization of Project Aid : (source wise)

(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
Not applicable						

9.3 Reimbursable Project Aid (RPA) :

(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
Not applicable					

B. IMPLEMENTATION POSITION

01. Implementation Period :

Implementation Period as per DPP		Actual Implementation Period	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
1	2	3	4	5
2005-2006 to 2008-2009	--	2005-2006 to 2008-2009	-	

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	29848.22	--		--	
TAKA	29848.22	--		--	
PA	--	--	--	--	

03. Project Personnel :

Sanctioned strength as per DPP	Manpower employed during execution	Status of the existing manpower			Manpower Employed	
		Manpower requirement for O&M as per DPP	Existing manpower for O&M	Others	Male	Female
1	2	3	4	5	6	7
Officer (s)	---	---	---	---	---	---
Staff (s)	---	---	---	---	---	---
Total :	---	---	---	---	---	---

* The project is implemented by the existing manpower of BWDB. No separate manpower is engaged for the project.

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 DPP):

Items of work (as per PP)	Unit	Target (as per DPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
1) Survey & Investigation	L.S	10.00	1 item	10.38	1 item(p)	
2) Land Acquisition, (including stamp duty, registration fee etc.)						
- Drainage component : 25.00ha	Ha	100.00	25.00 ha.	0.00	-	
- Irrigation component : 91.00ha, (Pumping Plant & RubberDam=10.00ha, Regulator=1.00ha. & Dredging=80.00ha)	Ha	488.00	91.0 ha	289.20	8.84 ha.	
<u>Irrigation component:</u>						
3) River/Khal re- excavation/dredging:						
3.1) Dakatia River Dredging, (From km 45.50 to km 128.00 = 82.50km, Earth : 863982 cum)	km	708.46	82.50 km	0.00	-	
3.2) Naoghan khal Re-excavation, (From km 0.00 to km 12.70 = 12.70km, Earth : 56957 cum)	Km	25.18	12.70 km	21.52	12.70 km	
3.3) Dhamra khal Re-excavation, (From km 0.00 to km 7.45 = 7.45km, Earth : 28249.90 cum)	km	11.87	7.45 km	7.82	7.45 km	
3.4) Mahendra khal Re- excavation, (From km 0.00 to km 11.00 = 11.00km, Earth : 63038.50 cum)	km	26.48	11.00 km	26.00	4.69 km	
<u>4) Rubber Dam:</u>						
4.1) Barokul Rubber Dam (1No. Length: 100m)	each	787.70	1 No	0.00	-	
4.2) Harishchar Rubber Dam (1No. Length: 80m)	each	257.61	1 No	0.00	-	
4.3) Chandragong Rubber Dam (1No. Length: 25m)	each	200.00	1 No	0.00	-	
4.4) Gumuti Rubber Dam (1No. Length: 120m)	each	890.00	1 No	0.00	-	
<u>5) Pumping Plant:</u>						
5.1) Barokul Pumping Plant (Irrigation, 75m ³ , 1No.)	each	13800.00	1 No	0.00	-	
5.2) Harishchar Pumping Plant (Irrigation, 10m ³ , 1No.)	each	2900.00	1 No	0.00	-	
5.3) Chandragong Pumping Plant (Irrigation, 8m ³ , 1No.)	each	2400.00	1 No	0.00	-	

Items of work (as per PP)	Unit	Target (as per DPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
6) Construction of Regulator (4 nos.)						
6.1) Naogaon Reg. 1 no. 6 vent-1.50m x 1.80m	each	177.89	1 No	131.75	1no.	
6.2) Dhamra Reg. 1 no. 3 vent-1.50m x 1.80m	each	84.46	1 No	0.00	-	
6.3) Mahendra Reg. 1 no. 2 vent-1.50m x 1.80m	each	63.04	1 No	62.62	1no.	
6.3) Gazaria Reg. 1 no. 12 vent-1.50m x 1.80m	each	350.00	1 No	228.56	1no.	
7) O&M during construction (1 item) (Structure)	LS	10.00	1 item	0.00	-	
<u>Drainage Component :</u>						
8) River/Khal re-excavation/dredging:						
8.1) Rahmatkhali khal Dredging, (From km 4.220 to km 40.00 = 35.78 km, Earth: 2118892 cum)	km	1737.00	35.78 km	0.00	-	
8.2) River/khal Re-excavation, (Length: 146.04 km, Earth: 2179902 cum)	km	1133.00	146.04 km	432.36	64.13km.	
8.3) Link khal Re-excavation, (Length: 150.00 km, Earth: 1460500 cum)	km	800.00	150.00 km	278.69	85.69km.	
9) Protective works at different part of Rahmatkhali khal (800m)	m	200.00	800 m	52.32	241m	
10) Renovation of Rahmatkhali old Regulator (1 no.)	each	200.00	1 No	198.00	1no.	
11) O&M during construction (1 item)	LS	20.00	1 item	0.00	-	
12) Motor Cycle (6 nos.)	each	7.20	6 Nos	7.20	6 Nos	
13) Survey Equipment (6 set), (Levelling instrument including staff, stand etc.)	set	14.00	6 sets	10.37	6 sets	
14.1) Computer (Brand-Pentium IV-4 nos.)	each	2.00	4 Nos	2.00	4 Nos	
14.2) Printer (Lesar Jet)	each	1.40	4 No	1.33	4 No	
15) Photocopier (Canon-1 no.)	each	1.50	1 No	1.49	1 No	
16) Furniture (1 item)	LS	1.00	1 item	0.25	1 item(p)	
17) Local Consultant (1 item)	LS	20.00	1 item	0.00	-	
18) WMO establishment (1 item)	LS	10.00	1 item	0.00	-	
19) Overhead cost (8% of civil work cost)	LS	2142.61	1 item	50.00	1 item(p)	
20) Contingency (Physical & Financial)/ unforeseen cost (1 item)	LS	267.82	1 item	6.12	1 item(p)	
Grand Total :		29848.22		1817.98		

06. Information regarding Project Director (s) :

Name & Designation with pay Scale	Full time	Part time	responsible for more than one project	Date		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
1. Md. Amir Kashru	Full time	-	-	18-12-2004	25-07-2006	
2. A.K.M Sayeed Uddin Ahmed	-	Part time	-	25-07-2006	13-09-2006	
3. Kamal Uddin Ahmed	-	Part time	-	13-09-2006	19-09-2006	
4. Md. Habibur Rahman	Full time	-	-	19-09-2006	10-04-2007	
5. Khandakar Md. Shahidullah	Full time	-	-	14-04-2007	19-09-2007	
6. A.K.M Sayeed Uddin Ahmed	-	Part time	-	19-09-2007	25-09-2007	
7. Md. Shamsul Alam Talukdar	Full time		-	25-09-2007	24-12-2008	
8. Riazuddin Ahmed	-	Part time	-	24-12-2008	06-01-2009	
9. Kamal uddin Ahmed	Full time		-	06-01-2009	12-11-2009	
10. Md. Azizul Haque	-	Part time	-	12-11-2009	01-12-2009	
11. Md. Delawar Hossain	-	Part time	-	01-12-2009	17-12-2009	
12. Kamal uddin Ahmed	Full time		-	17-12-2009	05-01-2010	
13. Md. Abdul Mannan	-	Part time	-	05-01-2010	25-01-2010	
14. Sk. Nurul Ala	Full time	-	-	25-01-2010	-	

07. Procurement of Transport (In Nos.) :

Type of transport	Number as per D.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
Motor Cycle	6 Nos	2005-06	---	----	---	

Equipment: Survey Instrument.

Type of Equipment	Number as per D.P.P	Procured with date	Transferred to equipment pool with date	Transferred to O&M with date	Condemned/ damaged with date	Remarks
1	2	3	4	5	6	7
Survey equipment	6 sets	2005-06	---	----	---	

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	Contract ed value	Invitation date	Contract signing/ L.C opening date	As per contract	Actual
1	2	3	4	5	6	7
Not Applicable						

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 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
2005-2006	650.00	650.00	-	2.18	-	-	-	-
2006-2007	9838.26	9838.26	-	32.96	-	-	-	-
2007-2008	9844.56	9844.56	-	32.98	-	-	-	-
2008-2009	9515.40	9515.40	-	31.88	-	-	-	-
Total	29848.22	29848.22		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
2005-2006	336.57	336.57	-		336.57	336.57	336.57		
2006-2007	433.46	433.46	-		433.46	433.46	433.46		
2007-2008	491.41	491.41	-		491.41	491.41	491.41		
2008-2009	556.54	556.54	-		556.54	556.54	556.54		
Total	1817.98	1817.98			1817.98	1817.98	1817.98		

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objective as per DPP	Actual achievement	Reasons for shortfall, if any
1. To provide integrated flood control drainage enhancement & irrigation facilities to the enter project area.	1. Partial integrated flood control drainage enhancement & irrigation facilities to the project area.	All the components of the Project could not be implemented in due time due to problems of non-engagement of Consultant.

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)
1. River/Khal Re-excavation/Dredging	km	118.28km.	-
2. 4 Nos Rubber Dam	No	4No.	-
3. 3 Nos Pumping Plant	No	3No.	-
4. 4 Nos Regulator	No	4No.	3Nos.
5. Protective work	m	800m	241m

02. Cost/Benefit :

Item	Estimated	Actual
(1) Benefit cost ratio of the project		As all the components of the Project could not be implemented in due time, therefore actual cost/benefit analysis cannot be done.
(i) Financial	(i) Financial = 1.56:1.00	
(ii) Economic	(ii) Economic = 2.34:1.00	
(2) Internal Rate of Return		
(i) Financial	(i) Financial = 18.74%	
(ii) Economic	(ii) Economic = 25.99%	

03. Please give reasons for shortfall, if any, between the estimated and actual benefit:

All the components of the Project could not be implemented in due time due to problems of non-engagement of Consultant.

F. MONITORING AND AUDITING

0.1 Monitoring:

Name & designation of the inspecting official	Date of Inspection	Identified Problems	Recommendations
1	2	3	4
Nil			

0.2. 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
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--	--	--	--

2.2. External Audit:

Audit Period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not
1	2	3	4
2005-2006	-	-	-
2006-2007	-	-	-
2007-2008	04-12-2008	--	Resolved
2008-2009	09-02-2010	--	Resolved

G. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background

The comprehensive project area is located in the north-eastern zone of Bangladesh that disperses in the districts of Comilla, Chandpur, Noakhali, Laxmipur and Feni. The area is bounded by Chandpur-Comilla road & Comilla Town in the north, mighty Meghna river & Chandpur Irrigation Project area in the west, Indo-Bangladesh territorial line in the east, Sandwip channel, Char Baggardona and Sudaram project area in the south. The Dakatia river flowing around north direction of the project area falls in the Meghna river in Chandpur.

The project area is predominantly a monsoon flood prone area. Surge of flood water from Dakatia river enters in project area through different khals/ channels as well as bank overtopping and cause serious damages of Aus/HYV Aman crops combined with excess rainfall during monsoon. The area also experience pro-long water logging (intensely at southern segment under Noakhali district) due to outfall siltation of existing khals/channels. The comprehensive project as per feasibility study contains Sub-project wise drainage enhancement based on existing river systems as under:

*** Sub-Project-1 :** New Dakatia & Old Dakatia-Little Feni River system drainage sub-project.

*** Sub-Project-2 :** WAPDA-Rahmatkhali-Noakhali-Algir KJhal-Bamni River system drainage sub-project

'New Dakatia & Old Dakatia-Little Feni River system drainage project' has been now under implementation. Drainage component of present project includes 'WAPDA-Rahmatkhali-Noakhali-Algir Khal-Bamni River system'. The irrigation component of the proposed project has been delineated as per recommendations of feasibility study conducted by BWDB in association with individual consultants.

1.2 Justification/Adequacy

There is a direct relevance of the project to the objectives stated above. Immediate objective of comprehensive drainage improvement, flood protection & irrigation provision will be fulfilled. The ultimate objective of providing integrated flood control, drainage improvement & development of irrigation management by augmenting availability of surface water flow in the area and its economic impacts in compatible with ensured natural security will be fulfilled for improved environmental impacts.

The project is scheduled to be commenced in 2005-200 and completed in 2008-2009. Meanwhile the Fifth Five Year Plan period terminated in June, 2002. The project has been formulated & taken into consideration of the directives of the PRSP (duly approved by competent authority on 16-10-2005) entitled "unlocking the potentials" and the Policy Matrix of the said document. As for its relevance with the water-sectoral objectives, the project is in line with the policy and macro-level plan objectives of GOB.

Further, present project deserves priority for execution since honorable Prime Minister of GOB instructed in a Review meeting on Water Resources Ministry held on 13-08-2005 for taking highest priority on the extension of surface irrigation management as well as formulation of at least 2 Nos. large scale irrigation project to cope up chronological food deficit of the country. In this backdrop, proposed comprehensive project needs to be early execution.

The objectives of National Water Policy, BWDB ACT (2000) and National Water Management Plan and other Macro level documents of Water Sector are described in brief to get a ready reference:

1.3 Objectives

The main objectives of the Project is to provide integrated flood control, drainage enhancement and irrigation facilities in the entire project area. Proposed comprehensive project proposal contains two components i.e. drainage & irrigation components. Objective of drainage component is to enhance extensive drainage system for 1,89,672 ha. as per comprehensive study of the project through reduction of monsoon flood depths, Water logging and as well as ensuring effectiveness of optimal drainage management. The objective for irrigation component of the project is to extend irrigation facilities by exploiting Dakatia river water through Rahmatkhali regulator in order to enhance optimal agricultural production in the project area. Proposed Irrigation interventions ensures availability of surface water for extension of dry season irrigation coverage. Besides, sustainability of navigation facilities and open water capture fisheries has been considered in proposed project planning.

Total gross and net benefited area of the project is 3,20,019 ha. and 2,40,578 ha. respectively. At present, a separate project programme containing gross benefited area of 1,30,347 ha. (net area 1,01,845 ha.) for sustainable drainage management enhancement has been now under implementation. Comprehensive drainage management for remaining gross benefited area of 1,89,672 ha. (net area 1,38,733 ha.) as per study outline has been included in proposed project programme. Present irrigation coverage area through both surface and ground water exfoliation is 38,823 ha. and 36,180 ha. respectively. Proposed irrigation component will extend surface irrigation coverage to 1,04,162 ha. i.e. additional 65,339 ha. arable lands will be brought under irrigation coverage..

1.4 Project revision with reasons

The project was implemented within the original DPP provision. No revision of the project was needed.

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

There is a direct relevance of the project to the objectives stated above. Immediate objective of comprehensive drainage improvement, flood protection & irrigation provision will be fulfilled. The ultimate objective of providing integrated flood control, drainage improvement & development of irrigation management by augmenting availability of surface water flow in the area and its economic impacts in compatible with ensured natural security will be fulfilled for improved environmental impacts.

The project is scheduled to be commenced in 2005-200 and completed in 2008-2009. Meanwhile the Fifth Five Year Plan period terminated in June, 2002. The project has been formulated & taken into consideration of the directives of the PRSP (duly approved by competent authority on 16-10-2005) entitled "unlocking the potentials" and the Policy Matrix of the said document. As for its relevance with the water-sectoral objectives, the project is in line with the policy and macro-level plan objectives of GOB.

Further, present project deserves priority for execution since honorable Prime Minister of GOB instructed in a Review meeting on Water Resources Ministry held on 13-08-2005 for taking highest priority on the extension of surface irrigation management as well as formulation of at least 2 Nos. large scale irrigation project to cope up chronological food deficit of the country. In this backdrop, proposed comprehensive project needs to be early execution.

The objectives of National Water Policy, BWDB ACT (2000) and National Water Management Plan and other Macro level documents of Water Sector are described in brief to get a ready reference:

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

- ◆ **Project Identification:**
The comprehensive project area is located in the north-eastern zone of Bangladesh that disperses in the districts of Comilla, Chandpur, Noakhali, Laxmipur and Feni. The area is bounded by Chandpur-Comilla road & Comilla Town in the north, mighty Meghna river & Chandpur Irrigation Project area in the west, Indo-Bangladesh territorial line in the east, Sandwip channel, Char Baggardona and Sudaram project area in the south. The Dakatia river flowing around north direction of the project area falls in the Meghna river in Chandpur.
- ◆ **Project Preparation:**
Flood management in riverine Bangladesh has been considered as a top priority for last few decades. The high water levels in the major rivers during monsoon causes floods & drainage congestion and over-bank spillage of their tributaries, which is often exacerbated by runoff from coincident high local rainfall. Sometimes, periodic severe flooding is also common covering 37 percent or more of the country in one out of every 10 years. However, an environment-friendly mechanism is yet to be designed for enhancing integrated flood management. The present water management plan will address the issue properly. In this backdrop, present comprehensive project has been formulated aparted from action plan for comprehensive drainage and irrigation management.
- ◆ **Appraisal:**
 - a) A feasibility study has been conducted by Engineering & Planning Consultant Ltd. in association with Associated Consulting Engineers (BD) Ltd. in March, 2002
- ◆ **Credit Negotiation:** Not applicable
- ◆ **Credit Agreement:** Not applicable
- ◆ **Credit Effectiveness:** Not applicable
- ◆ **Loan Disbursement:** Not applicable
- ◆ **Loan Conditionality:** Not applicable
- ◆ **Project Approval:** The project was approved on 23-10-2005.
- ◆ **Others (if any):** Nil

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:**

The stakeholders are directly taking advantages of the created facilities of the project.

4.3 **O & M programme of the project:**

Post Project recurrent O&M works will be arranged from the regular O&M allocation .

4.4 **Impact of the Project -**

4.4.1 **Direct:**

- Improvement of drainage facilities.
- Improvement of irrigation facilities.

4.4.2 **Indirect:**

- Environmental enhancement from river erosion hazards.
- Sustainable socio-economic enhancement.

4.5 Transfer of Technology and Institutional Building through the project:

Not Applicable

4.6 Employment generation through the project:

During construction, the project provided employment for about 571.70 lakh man-days and for annual O&M about 1.49 lakh man-days of skilled & unskilled labor. In agricultural sector, employment for incremental farm labor for about 17.00 lakh man-days due to over all acceleration of the sector by virtue of project execution will be generated.

4.7 Possibility of Self employment:

Due to the project, income will be accelerated to the squatting and landless people by creation of self employment.

4.8 Possibility of women-employment opportunity:

Employment opportunities for no of poor/widow women will be created due to the project in enhancement agricultural sector both during execution and O&M period of the project on earth work and other light work

4.9 Women's participation in development:

Yes.

4.10 Probable Impact on Socio-Economic activity:

There is direct effect on socio-economic activity due to reduction of flood hazards and increased irrigation facilities with accelerated social and economic improvement through implementation of the project.

4.11 Impact on environment:

Provision of improve water management for security against drainage congestion/ flood hazards as well as irrigation coverage in region due to the project will positive impacts on the physical environment of the area.

4.12 Sustainability of the project:

The project is sustainable but requires periodic maintenance.

4.13 Contribution to poverty alleviation/reduction:

The project will helped in alleviating poverty by increasing employment and income generating activities in the area with boosting up in agricultural production. It should be pointed out that significant contribution to incomes in the project area generally goes to distressed and low income group and to alleviation of poverty in particular. Poor and landless household will also benefit from employment during construction and annual recurrent phase and increased agricultural activities that will increased income and production in the project area. All these will directly facilitate to alleviate hardcore poverty in the area.

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

Positive remarks regarding the project.

4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.

Nor Applicable

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

5.1	Project Management	5.12	Project aid disbursement and re-imburement
5.2	Project Director	5.13	Mission of the development partners
5.3	Land Acquisition	5.14	Time & Cost Over-run
5.4	Procurement	5.15	Project Supervision/Inspection
5.5	Consultancy	5.16	Delay in Decision
5.6	Contractor	5.17	Transport
5.7	Manpower	5.18	Training
5.8	Law & Order	5.19	Approval
5.9	Natural calamity	5.20	Others
5.10	Project financing, allocation and release	5.21	
5.11	Design formulation/approval		

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

Positive remarks regarding the project.

4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities.

Nor Applicable


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

5.1	Project Management	5.12	Project aid disbursement and re-imburement
5.2	Project Director	5.13	Mission of the development partners
5.3	Land Acquisition	5.14	Time & Cost Over-run
5.4	Procurement	5.15	Project Supervision/Inspection
5.5	Consultancy	5.16	Delay in Decision
5.6	Contractor	5.17	Transport
5.7	Manpower	5.18	Training
5.8	Law & Order	5.19	Approval
5.9	Natural calamity	5.20	Others
5.10	Project financing, allocation and release	5.21	
5.11	Design formulation/approval		

6. Remarks & Recommendations of the Project Director:

DPP of the "South Comilla-North Noakhali Comprehensive Drainage and Irrigation Project" was initially proposed for revision but due to very low achievement and slow progress even after expiry of almost six financial year and as because the cost of revised DPP became too much, it was decided in the review meeting of MoWR to declare completion of this project as per physical and financial progress achieved upto June 2010. It was also decided to take initiative for study of remaining part of the project as necessary and to prepare a fresh DPP.

It is found that Tk 38.82 lac remained as liability of the project which will have to be paid in due course after pre auditing. Necessary fund required for study of the remaining works of the project should be provided as early as possible. The Revised DPP of 2nd phase to be prepared by the concern field officials as soon as the study is completed. The proposed DPP should be realistic with respect to cost and time and the 2nd phase of the project should be completed with in the stipulated time and cost.


 30.9.10
 (শেখ নূরুল আলম)
 অতিঃ প্রধান প্রকৌশলী
 উত্তর-পশ্চিম পাইলট
 কুমিল্লা।

Date :

Signature and seal of the Project Director/Manager

7. Remarks/Comments of Agency Head

Date:

Signature and Seal

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

Date:

Signature and Seal