

**Government of the People's Republic of Bangladesh**  
**Ministry of Planning**  
**Implementation Monitoring and Evaluation Division**

**PROJECT COMPLETION REPORT : IMED 04/2003 (Revised)**

**PROJECT DESCRIPTION :**

01. Name of the Project : Drainage Improvement of Dhaka-Narayangonj-Demra (DND) Project.
02. Administrative Ministry/Division : Ministry of Water Resources.
03. Executing Agency : Bangladesh Water Development Board.
04. Location of the Project : Narayangonj Sadar Upzila under Narayangonj District & Demra, Jatrabari & Shampur Thana under Dhaka District

Name of Division : Dhaka O&M Division-II, BWDB, Dhaka.

Name of Circle : Dhaka O&M Circle, BWDB, Dhaka.

Name of Zone : Central Zone, BWDB, Dhaka.

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04. Location of the Project : Narayangonj Sadar Upzila under Narayangonj District & Demra, Jatrabari & Shampur Thana under Dhaka District
05. Objective of the Project :

To improve drainage management in existing DND irrigation project area through re-excavation of drainage canal, re-habilitation of pump station and construction of road crossing bridge and culvert, restoration of normal livelihood for the dwelling lives in DND project area adjacent of Dhaka Mega City with Socio economic & environmental up gradation.

06. Estimated Cost : (In lakh Taka)

	Original	Latest Revised
(a) Total	1197.50	1229.38
(b) Taka	1197.50	1229.38
(c) Foreign Currency	Nil	Nil
(d) Project Aid	Nil	Nil
(e) RPA	Nil	Nil

07. Date of Approval : 

PCP	PP
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- (a) Original : 18-10-2006
- (b) Latest Revised : 02-04-2009

08. Implementation Period :
- |                    | Date of Commencement | Date of Completion |
|--------------------|----------------------|--------------------|
| (a) Original       | 2006-2007            | 2007-2008          |
| (b) Latest Revised | 2006-2007            | 2008-2009          |
| (c) Actual         | 2006-2007            | 2008-2009          |

09. Financing Arrangement (Source-wise) :

9.1 Status of Loan/Grant :

a) Foreign Financing : N/A.

Source (s)	Currency as per Agreement	Amount in US \$ (Million)	Nature (Loan/Grant/supplier's/credit)	Date of Agreement	Date of Effectiveness	Date of Closing	
						Original	Revised
1	2	3	4	5	6	7	8

b) GOB :

(In lakh Taka)

Total amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
1226.86	-	-	-

9.2 Utilization of Project Aid : Source wise) N/A.

(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) : N/A.

(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
2006-2008	2006-2009	2006-2009	58%	

01. Cost of the Project :

Description	Estimated Cost		Actual expenditure	Cost over-run (% of original cost)	Remarks
	Original	Latest revised			
1	2	3	4	5	6
TOTAL	1197.50	1229.38	1226.86	2.45%	-
TAKA	1197.50	1229.38	1226.86	2.45%	-
PA	Nil	Nil	-	-	-

(In lakh Taka)

03. Project Personnel : The project was implemented by the existing man power set up of Dhaka O&M Division.

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		
Officer (s)	-	-	-	-	-	-
Staff (s)	-	-	-	-	-	-
Total :	-	-	-	-	-	-

03. Training of Project Personnel (Foreign/Local) : N/A.

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

b. Local

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

(In lakh Taka)

Items of work (as per PP)	Unit	Target (as per PP)		Actual Progress		Reasons for deviation (if)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
<b>(a) Revenue Component</b>						
1. Survey & Investigation	1 item	12.00	1 item	11.40	1 item	
2. Study/Consultancy	1 item	68.30	1 item	67.88	1 item	
3. Fuel & Lubricant	1 item	4.00	1 item	3.99	1 item	
<b>Sub-Total Tk.</b>	-	<b>84.30</b>	-	<b>83.27</b>	-	
<b>(b) Capital Component</b>						
1. Supplying testing commissioning of 5 cusec pump with 50 HP Motor including necessary spare parts & accessories.	8 sets	89.00	8 sets	89.00	8 sets	
2. Supply, installation testing of 11/2.3 KV 2 MVA transformer (OLTC) including related work.	1 no	80.50	1 no	80.20	1 no	
3. Supply of 3 three nos 250 KVA transformer with necessary fitting for operation of 12 nos surface water pump.	1 no	16.21	1 no	16.21	1 no	
4. Supply & installation of steel trolley for transformer electric device, isolator panel board etc.	1 no	6.69	1 no	6.69	1 no	
5. Repair and maintenance work of steel trash rack, screen, stop log, inspection bridge etc.	1 no	12.82	1 no	12.82	1 no	
6. Supply and installation of MS pipe (8" for) surface water pumps.	1 no	8.17	1 no	8.17	1 no	
7. Gate repair and Manufacturing of gate lifting device (2 nos.) for country & river side.	1 item	4.95	1 item	4.95	1 item	
8. Repair, painting works of pump house, store, Ansar shed, division/ sub-division office, fence of 5 cusec pump shed.	1 item	6.39	1 item	6.93	1 item	
9. Repair, painting & extension works of security boundary wall.	1 item	16.39	1 item	16.39	1 item	
10. Construction of pump house approach road, yard & earth filling, brick matressing of embankment slope of intake channel.	1 item	4.98	1 item	4.98	1 item	
11. Drainage canal re-excavation	33.75 km	278.44	33.75 km	278.33	33.75 km	
12. Construction of drainage crossing structure	4 Nso	160.00	4 Nso	58.92	4 Nso	
13. Road crossing bridge/culvert over drainage system.	5 Nos	395.00	5 Nos	395.00	5 Nos	
14. Eviction of unauthorized establishment on canal & removal of obstacles and garbage from the canals.	1 item	65.00	1 item	65.00	1 item	
<b>Total Tk.</b>	-	<b>1229.38</b>	-	<b>1226.86</b>	-	

06. Information regarding Project Director (s)

Name & Designation with pay Scale	Fulltime	Parttime	Responsible for more than one project	Date of		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
Md. Masud Ahmed, Executive Engineer 13750-19250/-	Fulltime	-	No	25-03-2007	27-08-2009	



### C. FINANCIAL AND PHYSICAL PROGRAMME

(i) a) Original and revised schedule as per PP :

(In lakh Taka)

Financial Year	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
2006-2007 to 2008-2009	-	1197.50	-	-	-	1229.38	-	100%

(ii) 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
2006-2007	-	1197.50	-	100%	35.00	-	35.00	-	-
2007-2008	-	1197.50	-	100%	529.68	-	529.68	-	-
2008-2009	-	1229.38	-	100%	663.95	-	662.18	-	-
<b>Total Tk.</b>	-	-	-	-	<b>1228.63</b>	-	<b>1226.86</b>	-	-

### D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT

Objectives as per PP	Actual achievement	Reasons for shortfall, if any
1	2	3
a) To improve drainage management in existing DND Irrigation Project area through re-exavation of drainage canal, re-habilitation of pump stations and construction of road crossing bridge/culvert, restoration of normal livelihood for the dwelling in DND Project area adjacent to Dhaka Mega City with social economic and environmental upgradations.	4 nos old pumps have already been re-habilitaed, 4 nos 5-cusec installed, as additional support, 33.75 km drainage and secondary drainage khal re-excavated, 9 nos road crossing structures constructed. The maximum objectives of the project as targetted in DPP has actually been achieved.	-

**E. BENEFIT ANALYSIS**

01 Annual Out-put

: Not applicable as the benefit derived from the project is not quantifiable financially.

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)			
(b)			
(c)	However the drainage problem has been improved significantly. Environmental situation and communication facilities have also been improved.		
(d)			

02 Cost / Benefit

Item	Estimated	Actual
(1) Benefit cost ratio of the project (i) Financial  (ii) Economic		
(2) Internal Rate of Return (i) Financial  (ii) Economic		

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

## 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	-	-	-
b) IMED	-	-	-
c) Others (Please Specify)	-	-	-

### 02 Auditing during and after Implementation

#### 2.1 Internal Audit:

Period of Audit	Date of submission of Audit Report	Major findings/objections	Whether objections resolved or not.
1	2	3	4

#### 2.2 External Audit:

Audit period	Date of submission of Audit Report	Major findings/objections	Whether objections resolved or not.
1	2	3	4
Personnel AAG have already audited.	27-06-2009	No major findings or objections were found	Reply submitted

## G. DESCRIPTIVE REPORT

### I. General Observations/Remarks of the Project on :

- 1.1 Background : DND Project was executed during 1962-68 as FCDI Project with national goal of fulfilling self-reliance of food grains. The major Project components were 31.25 km. road-cum-flood control embankment , 55.20 km. Irrigation canal, 45.40 km. drainage canal, 1.00 km. intake canal, 216 Nos. water Control structures and one Pump Station with 4 pumps (14.52 cumec capacity).
- 1.2 Justification/Adequacy : Bangladesh in the past has experienced several floods in the early sixties, the decision of taking up a FCDI Project namely DND Irrigation Project was justified.
- 1.3 Objectives : To improve drainage management in existing DND Irrigation Project area through re-excavation of drainage canal, rehabilitation of pump station and construction of road crossing bridge/culverts.
- 1.4 Project revision with reasons : Implementation period has been revised for extension upto 2008-2009 vide Memo. No. পাসম/পরিশা-২/(১)/২০০৮(অংশ-১)/৭৪ তারিখ-১৭/০৪/০৮ due to increase of total cost Tk.1197.50 to Tk.1229.38
2. Rationale of the project in respect of Concept, Design, Location and Timing. : To improve drainage management, design work was done by the concerned authority, Northern and Southern part of the Project is located in the Dhaka district and Narayanganj district respectively and the project was completed in the June/2009.
3. Brief description on planning and financing of the project and its applicability.
- \* Project Identification : N/A
  - \* Project Preparation : Project was prepared on the basis of in house study.
  - \* Appraisal : N/A
  - \* Credit Negotiation : N/A
  - \* Credit Agreement : N/A
  - \* Credit Effectiveness : N/A
  - \* Loan Disbursement : N/A
  - \* Loan Conditionalities : N/A
  - \* Project Approval : The Project Drainage Improvement of Dhaka-Narayanganj-Demra (DND) Project was approved vide Memo. No. পাসম/প-১/২০০৬/২৭৫ তারিখ ১৮/১০/০৬
  - \* Others (if any) : N/A
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. : The beneficiaries of the Project have clear knowledge about the Target/objectives of the Project.
- 4.2 Programme for use of created-facilities of the project : NO
- 4.3 O & M programme of the project. : Regular O&M is running.
- 4.4 Impact of the project -
- 4.4.1 Direct : Water Congestion is directly removed, Environmental impact communication facilities significantly improved.
  - 4.4.2 Indirect :

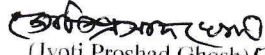
- 4.5 Transfer of Technology and Institutional Building through the project : N/A
- 4.6 Employment generation through the project. : Employment partly generated.
- 4.7 Possibility of Self employment : There is a mere possibility of self employment.
- 4.8 Possibility of women-employment opportunity : Yes
- 4.9 Women's participation in development :
- 4.10 Probable Impact on Socio-Economic activity. : Not quantifiable
- 4.11 Impact on environment : Significantly changed
- 4.12 Sustainability of the project : Fully sustainable.
- 4.13 Contribution to poverty alleviation/reduction : The Project partially contributed to poverty alleviation/reduction.
- 4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc. : Positive
- 4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities. : Micro-credit programmes carried out by NGO.

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

- 5.1 Project Management : Project is managed by the beneficiaries
- 5.2 Project Director :
- 5.3 Land Acquisition : Not necessary.
- 5.4 Procurement : N/A
- 5.5 Consultancy : N/A
- 5.6 Contractor : Contractors are selected as per instructions of PPR-2008.
- 5.7 Manpower : Project has been implemented by the existing man-power set-up of Dhaka O&M Division-II, BWDB, Dhaka.
- 5.8 Law & Order : During execution of Project law & order were in favour of Deptt.
- 5.9 Natural calamity : No abnormal natural calamity during execution faced.
- 5.10 Project financing, allocation and release. : Financed by Gov., Tk.1229.38 and Tk.1226.86
- 5.11 Design formulation/approval : Design works were performed by Design office and approved
- 5.12 Project aid disbursement and reimbursement. : N/A.
- 5.13 Mission of the development partners. : N/A
- 5.14 Time & Cost Over-run : Tk.2.45%

- 5.15 Project Supervision/Inspection : The Project was supervised by the existing manpower.
- 5.16 Delay in Decision : N/A
- 5.17 Transport : N/A
- 5.18 Training : N/A
- 5.19 Approval : Approved
- 5.20 Others. : N/A
6. Remarks & Recommendations of the Project Director : The Project completed successfully by 30<sup>th</sup> June/2009 as per approved RDPP/February-2009 amounting Tk.1229.38

Date: .....

  
 (Jyoti Proshad Ghosh) ০২/০৬/০৯  
 Executive Engineer  
 Dhaka O&M Division-II  
 &  
 Project Director,  
 Drainage Improvement of  
 Dhaka -Narayangonj-Demra (DND) Project

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