Bangladesh Water Development Board



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

NAME OF THE PROJECT: ESTUARY DEVELOPMENT PROGRAMME (EDP)

PROJECT PERIOD: 01-03-2007 TO 30-06-2011

OFFICE OF THE DIRECTOR PMU-ESPP, 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

: Estuary Development Programme (EDP)

02. Administrative Ministry/Division

: Ministry of Water Resources.

03. Executing Agency

: Bangladesh Water Development Board.

04. Location of the Project

: Meghna Estuary (down of Chandpur to the Bay of Bengal).

05. Objective of the Project

The main objectives of the Project are as follows:

A. The survey and study support unit:

- Updating of bathymetric survey data and micro-level survey for viable investment oriented project and database.
- Hydro-survey of entire coastal area for understanding of dynamic & morphological process.
- B. Investigation & design of Potential Cross-dam
 - Identification & Investigation of possible potential cross dams/infrastructure throughout the coastal zone.
 - Preparation of detailed design drawings of identified potential cross dams/infracture throughout the coastal zone.
 - Assessment of the impact on the economy, the society and the environment due to construction of cross dams.
- C. Investigation & Implementation of potential erosion control & accelerated land accretion schemes:
 - Implementation of modified Pilot Schemes on the basis of the lessons learnt and evaluation during MES period of preparation of investment project in respect of Erosion Control & accretion of land.
 - Viable accretion pilot schemes at different locations of Bangladesh estuary to accelerate
 the natural process of sedimentation for preparing accretion oriented investment project.

Common for A, B & C

- Transfer of technology covering enhancement of in-house capabilities of BWDB personnel concerning data processing, design, monitoring & implementation of pilot schemes for such investment oriented projects.
- To enrich knowledge of coastal oriented multi-disciplinary in-house working force of BWDB aiming at long-term management and follow-up in relation to ICZM.

06. **Estimated Cost:**

(In lakh Taka) Original Latest Revised (a) Total 5545.82 7353.22 (b) Taka 2700.53 5207.32 (c) Foreign Currency 2845.29 (DPA) US \$ 31.10 (d) Project Aid 4845.29 4311.05+ US \$ 31.10 (e) RPA 2000.00 4311.05+ US \$ 31.10

07. **Date of Approval TAPP**

(a) Original : December 2002

(b) Latest Revised : 31-12-2008

08. Implementation Period

Date of Commencement Date of Completion (a) Original 01-07-2002 30-06-2007 (b) Latest Revised 01-07-2002 30-11-2011 (c) Actual 01-03-2007 30-06-2011

09. Financing Arrangement (Source-wise):

9.1 Status of Loan/Grant

a) Foreign Financing:

Source(s)	Currency as per Agreement (Million)	Amount in US \$ (Million)	Nature (Loan/Grant/ supplier's/ credit)	Date of Agreement	Date of Effective- ness		Closing
1	2	3	4	5	6	Original	Revised
Govt. of the Netherlands (GoN)	BDT 431.105	3.110	Grant	02-08-2005 & Revised 10-09-2008	02-08-2005	30-06- 2007	Aug' 2011

b) GOB:

Total amount	T		(In lakh Taka)
Total allioulit	Loan	Grant	Cash Foreign Exchange
1	2	3	4
896.27		Grant	4
		Grant	Not Applicable

9.2 Utilization of Project Aid: (Source wise)

(In million)

	the same of the sa				(111 111111011)
Total Amount		Total Amount Actual Expenditure		Unutilized Amount	
In US \$	In Local Currency	In US \$	In Local Currency	In US \$	In Local Currency
2	3	4	5	6	7
3.11	BDT 431.105	1.457	139.738	1.653	291.367
	In US \$	In US \$ In Local Currency 2 3 3.11 BDT	In US \$ In Local Currency In US \$ 2 3 4 3.11 BDT 1.457	In US \$ In Local Currency In US \$ In Local Currency 2 3 4 5 3.11 BDT 1.457 139.738	In US \$ In Local Currency In US \$ In Local Currency In US \$ 2 3 4 5 6 3.11 BDT 1.457 139.738 1.653

9.3 Re-imbursible Project Aid (RPA):

(In lakh Taka)

				(III Iakii	T unu)
RP/	A Amount	Amount Spent	Amount Claimed	Amount Re-imbursed	Remark s
As per PP	As per Agreement		300 300	control observed. I constitutive requirement of the control of the	7/5004
1	2	3	4	5	6
BDT 4311.05	BDT 4311.05 +	BDT 1397.38	BDT 1397.38+	BDT 1397.38+	-
+ US \$ 31.10	US \$ 31.10	+ US \$ 14.573	US \$ 14.573	US \$ 14.573	

B. <u>IMPLEMENTATION POSITION</u>

01. Implementation Period:

	Implementation Period as per PP Original Latest Revised		Time Over-run (% of original implementation	Remarks
1	2	period	period)	
01-07-2002 to	01-07-2002 to	01-03-2007 to	4	5
30-06-2007	30-11-2011	30-06-2011	86.38%	Contribution Arrangement (CA) with GoN signed on 2 nd August, 2005 and actual work started from March 2007.

02. Cost of the Project:

				(Ir	lakh Taka)	
Description	Estim	ated Cost	Actual expenditure	Cost over-run (% of original	Remarks	
Original		Latest revised		cost)		
1	2	3	4	5	6	
TOTAL	5545.82	7353.22	2756.60	-	-	
TAKA	700.53	896.27	342.01	-		
PA	4845.29	BDT 4311.05 US \$ 31.10 (1US \$=69.00 BDT)	BDT 1397.38 US \$ 14.573	-		

03. Project Personnel:

Sanctioned	Manpower	Status of the	existing manpow	/er	Manpower Employed	
strength as per PP	employed during execution	Manpower requirement for O&M as per pp	Existing manpower for O & M	Others		
1	2	3	4	5	Male	Female
Officer:	0		<u> </u>		Iviaic	1 Ciliaic
Staff:	Proje	ect work has been comp	pleted by existing	g manpower	of BWDI	В.
Total:		•		, , , , , , , , , , , , , , , , , , , ,		

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

	Field of Training/Study	Provision as per PP		Actual		Remarks
to	ur/workshop/Seminer etc.	Number	Man -	Number of	Man -	
		of person	months	person	months	
	1	2	3	4	5	6
Foreig		15	210 days	-	_	
	Training of the staff of SSD/SSSU/PMU-ESPP for data processing etc.	12	•	12		_
Local	Workshop for engineers/ specialist involved in Estuary Development.	100		100		
	Others special training as required for personnel of the project.	10	e T	ı		

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

(In lakh Taka) Items of work Target (as per PP) **Actual Progress** Reasons (as per PP) for Unit Financial Physical Financial Physical deviation (Quantity) (Quantity) (±) 2 3 4 5 6 7 Accommodation & Others 1 item 134.60 1 item 17.72 1 item Consultancy cost 1 item 3513.30 1 item 1925.54 1 item Mathematical modeling 1 item 133.07 1 item 17.35 1 item Satellite images procurement, 1 item 78.31 1 item 28.01 1 item analysis, processing & base map preparation EIA including Hydrodynamic 1 item 94.06 1 item and morphological behavior assessment Training 1 item 148.80 1 item Project input others LS 849.35 LS 414.44 LS (Operational cost of marine survey & others) Tax (IT & VAT) 1 item 662.37 1 item 283.06 1 item Purchase of Equipment 1 item 39.30 1 item 16.40 1 item Project input others 1 item 1640.06 1 item 54.08 1 item (Procurement of Geo-text & others) CDST & VAT 1 item 60.00 1 item Total 7353.22 2756.60

06. Information regarding Project Director (s):

Name &	Full	Part	Responsible	Dat	e of	Remarks
Designation with pay Scale.	time	time	for more than	3		
	٧		one project	Joining	Transfer	
1	2	3	4	5	6	7
Md. Abdul Wadud Bhuyan	Full	-	CDSP-III	06/08/2005	09/12/2007	
Project Director	time					
Tk 15000-19800				*	×	
G.M. Shamsur Rahman	Full	-	CDSP-III	09/12/2007	30/12/2009	
Project Director	time					9
Tk 25750-33750				*	Ø ,	
Md. Hafizur Rahman	Full		CDSP-III	30/12/2009	08/09/2011	
Project Director	time			e n		
Tk 29000-35600				50	9	

07. Procurement of Transport (in Nos.):

Type of transport	Numb er as per P.P.	Procured with date	Transferred to Transport Pool with date	Transferred to O & M with date	Condem ned/dam aged with date	Remarks
1	2	3	4	5	6	7
Car						
Jeep	2 Nos	2 Nos (30/10/2007, 08/06/2009)	2 Nos (28/11/2010)	; ,	-	Handed over to BWDB after completion of project
Microbus			10			9
Minibus						
Bus					**************************************	
Pick-up	1No	1No (26/08/2008)		1No (26/08/2008)	-	Using by Survey and Study Division, BWDB
Truck						
Motor Cycle						
By-cycle						
Speed Boat					9	n n
Launch						
Others with name						2 0

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	Tender/Bid/Proposal Cost (in Crore Taka)		Tender/Bid/	Tender/Bid/Proposal		mpletion of
procurement	Cost (in C	rore Taka)	a a		works/ser	vices and
(goods/works					supply of	of goods
/consultancy)	As per	Contracte	Invitation date	Contract	As per	Actual
as per bid	PP	d value		signing/ L.C	contract	
document				opening date	t)	
1	2	3	4	. 5	6	7
1. Docking and Rehabilitation of survey unit Anwesha(SUA)	2.94	2.73	Work implemented throughstate own agency by Khulna Shipyard Limited by DPM.	03-09-2008	December, 2008	01/04/2009
2. Consultancy	\$ 0.295+ BDT 14.778	\$ 0.174+ BDT 14.1606	26-02-2005	14-02- 2007	01-08-2010	13-11-2010
3. Mathematical modeling	1.3307	1.2432	16-09-2008	16-09-2008	16-04-2010	30-11-2010

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

Name of the Field	Approved man month		Actual man month utilised	Remarks
	As per PP	As per contract		
1	2	3	4	5
a) Foreign	93	93	53	
b) Local	413	413	413	-

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

C. FINANCIAL AND PHYSICAL PROGRAMME:

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

(In lakh Taka)

Financial	Financia	l provision	& physical	target as	Financia	al provision	& physical	target as
Year	per original PP					revised PP	0	
	Total	Taka	P.A.	Physical	Total	Taka	P.A.	Physical
	0			%		8		%
1	2	3	4	5	6	7	8	9
2002-2003	945.82	179.22	766.60	17.05				
2003-2004	1100.00	161.00	939.00	19.83				
2004-2005	1100.00	141.00	959.00	19.83				
2005-2006	1200.00	136	1064.00	21.64				
2006-2007	1200.00	83.31	1116.69	21.64	91.05	11.53	79.52	1.24
2007-2008	, 1				265.91	77.39	188.52	3.62
2008-2009	2				1130.10	307.90	822.20	15.37
2009-2010					1252.35	239.60	1012.75	17.03
2010-2011					2147.05	222.62	1924.43	29.20
2011-2012					320.86	37.23	283.63	4.36

01. (b) Revised ADP allocation and progress:

(In lakh Taka) '

Financial	Revi	sed Alloca	ation & tar	get	Taka	Expendit	ture & phy		ress
Year	Total	Taka	P.A.	Physi	release	Total	Taka	P.A.	Physical
				cal %					%
1	2	3	4	5	6	7	8	9	10
2006-2007	585.00	85.00	500.00	7.96	79.52	79.52	-	79.52	1.08
2007-2008	595.00	95.00	500.00	8.09	648.55	575.88	88.83	487.05	7.83
2008-2009	725.00	125.00	600.00	9.86	1059.08	572.25	47.60	524.65	7.78
2009-2010	965.00	115.00	850.00	13.12	698.95	895.09	96.82	798.27	12.17
2010-2011	955.00	219.00	736.00	12.99	519.05	633.86	108.76	525.10	8.62

D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Ohioatiese	· · · · · ·	
Objectives as per PP	Actual	Reasons for shortfall, if any
i) Hydro-surveys for	achievement	
i) Hydro-surveys for understanding of hydro-	Objective	In original TPP of EDP bathymetric survey was
	has been	proposed for the areas where morphological changes
dynamics & morphological processes	substantiall	are very much pronounched.
of Meghna Estuary and	y achieved.	Lower Meghna from Chandpur to Char –Gazaria.
updating database.	>	Area between Char Gazaria and the northern heads of
Dedicated topo-	-	Hatia and Manpura, including northern part of the
hydrographic surveys for		Shahbazpur Channel (down to approx. 470000 N line)
preparation of investment	2	and the area near Char Balua
projects.		Area between Noakhali mainland and th northern head
r J		of Sandwip, including Urir Char
r c		• Area near the pilot project location Nijhum Dwip, for a
		potential Cross-Dam.
0.6		• Specific surveys, more times a year close to some areas
		of interest
8		Additional survey works will depend on the demands
		and actual needs for other survey requirements such as
		bathymetric survey of the Bay of Bengal, survey of the
= 0		Sunderbans, detailed survey requirements will be
	e .	determined and formulated in close co-operation with
	2	the BWDB and the PDO-ICZM.
2		
		Since the project started in late, i.e, from March,
,		2007and these data had to be used for updating of Bay
		of Bengal (BoB) Model (Mike -21 hydrodynamic
		model of IWM); as such the survey programme was
	4	shortened from April, 2009 to May, 2010. In the
	ıs.	revised TPP, it was proposed to do more survey works.
8		EKN has decided to stop supporting any new works
		under the EDP Project after 3 rd March, 2010. In view
8	=	of that the collected data has been used in design of
		Char Montaz – Char Rustom cross dam and conceptual
0		
5 K		design of other cross- dams, as well as updating of
		BoB model. It may be mentioned that those outputs of
я		EDP are useul for preparation of investment
		programme. It may also be mentioned that Char Minka
1	,	-Montaz cross dam proposasl under climate change
5		Trust Fund was proposed based on EDP data which is
197		being under implementation.

ii) Identification & investigation of potential cross dams for accelerated land accretion in the coastal areas; preparation of detailed design, drawings & tender documents; and assessment of environmental impacts for completing the project preparation.	Objectives have been achieved partly.	In MES study, 19 nos of cross dams were identified for land reclamation. Among 19 nos identified cross dams, design of only Char Montaz – Char Rustom has been completed and implemented. Conceptual design of i. Urir Char- Noakhali ii. Urir Char – Sandwip iii. Jahajer Char- Char Baijid iv. Jahajer Char- Sandwip have been completed. Due to early closing of EDP, detail designs of above four and other cross dams were not possible to complete.
iii) Identification, investigation, design and implementation of potential erosion control & accelerated land accretion schemes.	Objective has been achieved partly.	In TPP implementation of pilot scheme for land reclamation and erosion control were included. Among those, the Char Montaz- Char Rustom cross dam has been implemented. Due to early closing of the EDP financing it was not possible to implement other pilot schemes.
iv) Training and technology transfer for capacity building of BWDB along with development of Survey & Study Support Unit (SSSU) capable hydromorphological surveys & studies.	Objective have been achieved partly.(onlt local training has been complement ed)	Since EKN has decided to stop supporting the EDP after 3 rd March, 2010 it was not possible to implement the overseas training.

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).			
Not Applicable						

02. Cost / Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project	Not Applicable	Not Applicable
(i) Financial	er,	0 1 2
(ii) Economic	*	, .
(2) Internal Rate of Return	Not Applicable	Not Applicable
(i) Financial		, s ×
(ii) Economic		

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

Not Applicable

2. MONITORING AND AUDITING

0.1 Monitoring:

I D	T1	T ==
CC 01 19/1/2007/1980 Vice-1489	Identified	Recomm
Inspection	Problems	endations
2	3	4
07/04/2009	Not found	
07/04/2009	Not found	
07/04/2009	Not found	
	1 8	
07/04/2009	Not found	
07/04/2009	Not found	
14/08/2009	Not found	
	8	21 W (2
02/09/2009 to	Not found	
04/09/2009		
10 10 10 10 10 10 10 10 10 10 10 10 10 1		
	07/04/2009 07/04/2009 07/04/2009 07/04/2009 07/04/2009 14/08/2009 02/09/2009 to	Inspection Problems 2 3 07/04/2009 Not found 07/04/2009 Not found 07/04/2009 Not found 07/04/2009 Not found 14/08/2009 Not found 02/09/2009 to Not found

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
	Not A	pplicable	

2.2. External Audit: (FAPAD)

Audit period	Date of submission of Audit Report	Major findings/ objections	Whether objections resolved or not.
1	2	3	4
2006-2007	28-02-2008	Nil	-
2007-2008	20-10-2008	Nil	-
2008-2009	29-09-2009	Nil	-
2009-2010	13-12-2010	Nil	
2010-2011	Not done		

3. DESCRIPTIVE REPORT

1. General Observations/Remarks of the Project on:

1.1 Background of EDP:

From 1995 until August 2001, the Meghna Estuary Study (MES & MES-II) projects were implemented. The overall objectives were to increase the physical and social security for the population in the coastal areas and on the islands. Through extensive surveys and studies, an understanding has been obtained of the physical and socio-economic process in the land and sea areas. From this understanding, a phased long-term plan "Master Plan" for the area was made for the next 25 years, along with a list of priority projects and possible interventions as indicated in the "Development Plan" (5-10 years ahead). The essential follow up of the MES was defined as the new "Estuary Development Program (EDP)". Therefore the EDP concentrates on ongoing survey and studies, the preparation of land accretion schemes, and a further pilot program for erosion control.

1.2 Justification/Adequacy

Estuary Development Programme (EDP) of Bangladesh Water Development Board (BWDB), Ministry of Water Resources (MoWR), Government of Bangladesh (GoB) has been initiated to complement and supplement the national policy and activities of the Government of Bangladesh for management of coastal zone. The aims of GoB interventions in the coastal zone, include, among others, improving the management of natural resources; mitigation and/or better management of natural disasters & human induced natural resources degradation as well as creation of opportunities for sustainable economic development in the region; addressing the problems of coastal erosion & tidal submergence; exploitation of potentials for reclamation along with development of new lands along the coastal fringes.

1.3 Objectives

Specific objectives of the EDP are:

- (i) Hydro-surveys for understanding of hydro-dynamics & morphological processes of Meghna Estuary and updating database. Dedicated topo-hydrographic surveys for preparation of investment projects.
- (ii) Identification & investigation of potential cross dams for accelerated land accretion in the coastal areas; preparation of detailed design, drawings & tender documents and assessment of environmental impacts for completing the project preparation.
- (iii) Identification, investigation, design and implementation of potential erosion control & accelerated land accretion schemes.
- (iv) Training and technology transfer for capacity building of BWDB along with development of Survey & Study Support Unit (SSSU) capable hydro-morphological surveys & studies.

1.4 Project revision with reasons:

a) Direct cost:

As per Consultants Contract Aggrement, the actual amount in Direct cost is 651.33 Lakh Taka upto August 1, 2010. Then, the System Review Mission recommended to extend the project completion time upto November, 2011. That is why, direct cost increased.

b) IT, VAT etc:

The IT, VAT etc for the RPA expenses was not considered in the original TPP. Later it was included in the revised TPP.

c) Financial Modality:

In original TAPP modality of financial modality was in DPA and RPA. In the signed cotribution arrangement, the total grant amount was committed as RPA. Then, the commitment of GoN increased and total amount is also in RPA. As such, revision of RTPP was needed.

d) Extension of Project Period:

As per signed contribution arrangement, duration of the project was upto 1st August, 2008. In the revised TPP, the duration is increased by additional 16 months i.e. upto November, 2011.

e) Project Input Others:

- (i) In the original TPP, there was no provision for repair of survey unit Anwesha. In revised TPP, the cost of urgent repairs and replacement of hydrographic and navigational survey equipments was included for the proper operation of the Anwesha.
- (ii) In the project document, "Updating models and Procurement satellite images are included costing an amont of USD 1.00 Lakh and USD 0.50 lakh respectively. In line with scope of work as delineated in ToR and considering the present situation the cost of these items has also increased. Therefore, the amount for carrying out supporting activities such as mathematical modeling and satellite image procurement, analysis, processing and base map preparation activities increased.
- (iii) The cost to conduct investigation and design of potential cross-dams is rationalized considering scope of works. Thus, the budget for the EIA including hydrodynamic and morphological behavior assessment has been increased.

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

Land reclamation for the estuary is important for the country. In that respect, the concept, design, location and timing are rationale.

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

- ◆ Project Identification
- ♦ Project Preparation
- Appraisal
- ♦ Credit Negotiation
- ♦ Credit Agreement
- ♦ Credit Effectiveness
- ♦ Loan Disbursement
- **♦** Loan Conditionalities
- Project Approval.
- Others (if any).

Not Applicable

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. -Continuous
- 4.3 O & M programme of the project. -Not applicable
- 4.4 Impact of the project -
 - 4.4.1 Direct. -Positive impact
 - 4.4.2 Indirect. -Positive impact
- 4.5 Transfer of Technology and Institutional Building through the project. -Positive impact
- 4.6 Employment generation through the project. -Yes
- 4.7 Possibility of Self employment. -No
- 4.8 Possibility of women-employment opportunity. -No
- 4.9 Women's participation in development. -No
- 4.10 Probable Impact on Socio-Economic activity. -Positive impact
- 4.11 Impact on environment. -Positive impact
- 4.12 Sustainability of the project. -Sustainable
- 4.13 Contribution to poverty alleviation/reduction. -Positive impact
- 4.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc. -Positive impact
- 4.15 Contribution of Micro-credit programmes and Comments on overlapping with any NGO activities. -Not applicable

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

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

-At the beginning of the project, some problems were identified in fund transfer in SAFE account. Later on it was resolved with the assistance of EKN, ERD and MOF.

6. Remarks & Recommendations of the Project Director:

Date: 29 · 12 · 11

Date:

BWDB has acquired knowledge and experience through this study project. Data collected during the project can be utilized by taking further investment or study project. It may be mention that Meghna Estuary is potential for land reclamation, so updated data of the estuary is necessary for further intervention schemes. As such, a new study project may be taken up.

Signature and seal of the Project Director/Manager

Signature and Seal

7.	Remarks/Comments of Agency Head	(Md. Mahfuzur Rahman) Director PMU-ESPP BWDB, Dhaka.
	and the second s	
	Datas	2/8/2022
	Date:	Signature and Seal
8.	Remarks/Comments of the officer in- charge of the M	MD.AZIZUL HAQUE Director General BWDB, Dhaka.