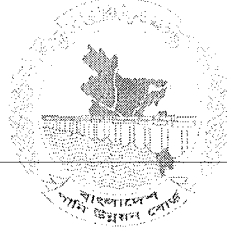


# BANGLADESH WATER DEVELOPMENT BOARD



## PROJECT COMPLETION REPORT: IMED 04/2024

**Name of the Project:** Rehabilitation of Charbagadi Pump House and Hajimara Regulator of Chandpur Irrigation Project (2nd Revised).

**PROJECT PERIOD:** January 2019 to December 2023

**DIVISION :** Chandpur Mech. W.D. Division, BWDB, Chandpur.

**CIRCLE :** Chandpur W.D. Circle, BWDB, Chandpur.

**ZONE :** Eastern Zone, BWDB, Cumilla.

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

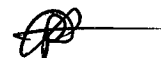
**PROJECT COMPLETION REPORT (PCR): IMED 04/2024 (Revised)**

**A. PROJECT DESCRIPTION**

01.	Name of the Project	:	Rehabilitation of Charbagadi Pump House and Hajimara Regulator of Chandpur Irrigation Project (2nd Revised).
02.	Administrative Ministry/Division	:	Ministry of Water Resources
03.	Executing Agency	:	Bangladesh Water Development Board
04.	Planning Commission Sector/Division		
05.	Type of Project (Investment/Technical/Feasibility Study):		
06.	Location of the Project (As per Project Document):		
Sl. No	Division	District	City Corporation/Municipality/Upazila
a.	Chittagong	Chandpur	Chandpur Pawrashava Chandpur sadar;
b.	Chittagong	Lakshmipur	Raipur.

07. Estimated Cost, Implementation Period and Approval: (In Lakh Taka)

Subject	Approved Estimated Cost				Implementation Period	Date of Approval	Approved by
	Total	GOB (Foreign Exchange)	PA (RPA)	Self-financ e			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Original	11746.01	11746.01 (0)	-	-	January, 2019 to June, 2021	23/10/2018	ECNEC
1 <sup>st</sup> Revised (if applicable)	12243.01	12243.01 (0)	-	-	January, 2019 to June, 2022	24/01/2022	Mowr
2 <sup>nd</sup> Revised (if applicable)	414.69	414.69 (0)	-	-	January, 2019 to December, 2023	23/11/2023	Planning Commission
-----							
1 <sup>st</sup> No Cost Extension (If Applicable)	-	-	-	-	-	-	-
2 <sup>nd</sup> No Cost Extension (If Applicable)	-	-	-	-	-	-	-
---	-	-	-	-	-	-	-
Intercomponent Adjustment (If applicable)	-	-	-	-	-	-	-



## 08. Objective of the Project

### Overall objective:

Due to continuous operation of the project for 44 years, the efficiency of the pumps and other mechanical and electrical installations has been greatly reduced. Besides, main canals, secondary canals and tertiary canals have all been filled up. The project titled "Rehabilitation of Char-Bagadi Pump House and Hajimara Regulator of Chandpur Irrigation Project" was approved in ECNEC meeting on 23-10-2018 AD.

The objective of the approved original rehabilitation project is:

- To restore the full functionality of irrigation and drainage facilities/systems in the project area by carrying out replacement of pumps, overhauling, rehabilitation / refurbishment of Hajimara regulator and other mechanical and electrical installations including repair and rehabilitation works in the project area. ;
- To increase the production of agriculture and agricultural products in the project area by ensuring irrigation facilities;
- To protect the project area from inundation and flooding during monsoon by ensuring drainage facilities;
- To improve the quality of life of the local people by maintaining a flood-free and drought-free environment in the project area and thereby improving the overall socio-economic condition; and
- To protect public resources by maintaining sustainable irrigation and drainage system in the project area by increasing the effectiveness, efficiency and efficiency of Charbagadi pumping plant;

Physical work of the rehabilitation project could not be implemented due to various reasons.

In view of the expiry of the project period on June/2023, the proposal to extend the project period up to June/2024 without any increase in expenditure was sent to the Planning Commission and the extension of the project period by 1 (one) year without any increase in expenditure was sent to the Planning Commission on 10/07/2023. An inter-ministerial meeting was held. After carrying out the survey activities of Chandpur Irrigation Project, it will not be possible to implement the activities as per the approved DPP design, As the cost of the project will increase and 3 (three) more years will be required to complete the project later, instructions were given in the meeting to declare the completion of the project by keeping only the necessary funds for the survey and the expenses up to the time of carrying out the survey. Accordingly, the revised project was prepared for the completion of the unfinished project by fixing the expenditure so far and only the funds required for the survey and the project duration from January 2019 to December 2023. Later, the new DPP will be formulated in the light of the recommendations of the survey.

## 09. Background of the Project (In brief):

1978 with the objective of providing irrigation facilities in 22,000 hectares of Chandpur and Lakshipur districts with the aim of eliminating flood, drought, water logging and improving the socio-economic condition of the people of the project area, establishing flood control system in an area of 50,168 hectares and eliminating waterlogging at a cost of Tk 54.30 crores in 1978. Chandpur Irrigation Project was implemented in During the implementation of the project, 06 (six) pumps of 5.67 cubic meters capacity each with 2 (two) navigation locks at Charbagadi Namaksthan of Chandpur district, 4 (four) vent large size regulators of 651.00 cubic meters capacity with 1 (one) navigation lock at Hajimara

Namaksthan of Lakshipur district in Bhati. is established. In addition to mechanical installations, 1 (one) electrical substation with 33/2.4 KV capacity, 6 km long electrical transmission lines, 812 km canals and other facilities were constructed for the management of these facilities and irrigation and drainage works.

Since the irrigation project is 46 years old, the efficiency of the pumps and other mechanical and electrical installations has decreased, so a project for the rehabilitation of the installations was passed from Eknek on 23/10/2018 AD. But due to various reasons including 2 complaints of ACC, the project could not be implemented. Later on 25/05/2022 CEGIS was assigned the responsibility of carrying out the Feasibility Study of the project. The Feasibility Study of Chandpur Irrigation Project was completed by CEGIS on 25/04/2023 AD. An inter-ministerial meeting was held in the Planning Commission on 10/07/2023 regarding the extension of the project period by 1 (one) year without increasing the cost as the project period ends on June, 2023. A decision was taken in the inter-ministerial meeting held at the Planning Commission to formulate the revised DPP to complete the unfinished project and as the project is irrigation related and important as per the recommendations of the survey report. As per the decision of the inter-ministerial meeting the unfinished project is finalized and the discussed project is formulated in the light of the recommendations of the survey report.

#### 10. Major Activities:

- Survey (bathymetric, cross-section and long-section survey for river dredging, monitoring and evaluation work, collection of map data including determination of efficiency of old pumps & usefulness of new Pump house by Buet and Detail feasibility Study of Chandpur irrigation project by CEGIS etc.).

#### 11. Reasons for Revision (if applicable):

##### **1<sup>st</sup> Revision:**

Tender documents and estimates are prepared for execution of project works. At the beginning of the tender process, a complaint was raised by Duduk that "During the implementation of the project work, if it is possible to make the pump operational by overhauling the pump at a cost of 30 (thirty) crores, money is being embezzled by replacing the pump at 117 (one hundred and seventeen) crores through irregularities and corruption." Therefore, the tender process is suspended.

Due to the complaint, an inquiry committee was formed by the Ministry of Water Resources on 09-11-2020. Inquiry Committee on 03/02/2021 AD as short term action necessary repairs of damaged/defective/useless parts/machinery of existing pump house and as long term action further action may be taken after inspection of performance of pumps by Bangladesh University of Engineering (BUET). Submitted a report containing opinions/recommendations on the matter. Subsequently, on 25/02/2021 AD, in the monthly review meeting of the Ministry of Water Resources, after a detailed review, it was decided to implement the project by carrying out the project's sub-drainage. As a result of this decision, the project was amended by adding a survey component.

##### **2<sup>nd</sup> Revision:**

The project was 2nd Revised due to Decision of Ministry of Planning Commission. The decision of Ministry of Planning Commission are bellow-

- After conducting the survey, it will not be possible to implement the activities as per the design of the approved DPP, the cost of the project will increase and further 3 (three) years will be required

to complete the project, so only the project should be declared completed before the survey is conducted.

- The proposal (in RDPP form) has to be sent to the Planning Commission by determining the cost of the project and the resources required only for the survey and the duration of the project from January 2019 to December 2023.
- As the project is irrigation related and important, a new DPP will be formulated as per the recommendations of the survey report.

#### 11.1 Reasons for No-Cost Time Extension (if applicable):

- **1<sup>st</sup> time No-Cost Time Extension :**

For carrying out the survey/inspection work as per the proper norms, the consultancy firm CEGIS was appointed on 12/05/2022 and the contract was signed on 22/05/2022. Survey work under the project titled "Rehabilitation of Char-Bagdi Pump House and Hajimara Regulator of Chandpur Irrigation Project" (1st Revised)- is implemented through CEGIS. A part of the survey work is to test the performance and efficiency of the pump through Buet. Due to the low water head difference and the need to lift a pump for pump performance testing, Buet could not complete the performance and performance testing of the pump within the contracted time. Besides, due to natural reasons it was not possible for CEGIS to survey all the irrigation canals with full zeal. Further action taken on the basis of the report received by the CEGIS after completion of the survey as it is necessary to extend the duration of the project without increasing the cost.

- **2<sup>nd</sup> time No-Cost Time Extension :**

After conducting the survey, it will not be possible to implement the activities as per the design of the approved DPP, the cost of the project will increase and further 3 (three) years will be required to complete the project, so only the project should be declared completed before the survey is conducted. For this reason, it was decided from the Planning Commission that the unfinished project should be completed and sent to revised project to Planning Commission. The new project should be sent to the Planning Commission as per the recommendations of the survey. The time is increased without increasing the cost as some time will be required to do the said work.

#### 12. Financing Arrangement (Source-wise):

##### 12.1 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)
414.69	-	414.69	-

c) Self-finance/Equity:

Total amount	Self-finance	Equity	Cash Foreign Exchange
(1)	(2)	(3)	(4)
Not Applicable			

12.2 Utilization of Project Aid (Source wise):

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						

12.3 Reimbursable project Aid (RPA):

Source (s)	RPA Amount		Amount Spent	Amount Claimed	Amount Re-imbrued	Remarks
	As per Project Document	As per Agreement	(4)	(5)	(6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Not Applicable						

**B. IMPLEMENTATION POSITION**

13. Implementation Period:

Implementation Period as per Project Document		Actual implementation	Time Over-run (% of original implementation period)	Remarks
Original	Latest Revised			
(1)	(2)	(3)	(4)	(5)
January, 2019 to June, 2021	January, 2019 to December, 2023	January, 2019 to December, 2023	100%	Major Component of original DPP has not done due to various reason, Only Feasibility Study of Rehabilitation of Chandpur Irrigation Project under revised DPP has done.

14. 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	11746.01	414.69	414.69	- 96.47%	Major Component of original DPP has not done due to various reason, Only Feasibility Study under revised DPP has done
TAKA	11746.01	414.69	414.69		
PA	-	-	-		



15. Information regarding Project Director (s):

Name, Main Designation & Grade. Mobile Number (From Beginning)	Full time (Yes/No)	Part time (Yes/No)	Responsible for more than one project	Period		Remark
				Joining	Transfer	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Rafiq ullah Superintending Engr. Chandpur O&M Circle, BWDB, Chandpur. (Scale :50000-71200)	Yes	-	No	06-02-2019	15-03-2020	
2. Md. Shafiqul Islam Superintending Engr. Chandpur O&M Circle, BWDB, Chandpur. (Scale :50000-71200)	Yes	-	No	22-10-2019	25-04-2021	
3. Md. Ruhul Amin Executive Engineer Chandpur Mech.O&M Division, BWDB, Chandpur (Scale: 43000-69850)	Yes	-	No	13-06-2021	31-12-2023	

16 Personnel:

16.1 Personnel of Project implementation Unit (PIU):

Sl. No.	Name of Post (Grade)	Approved Strength	Employed during Implementation
(1)	(2)	(3)	(4)
1.	Officer (s) -- 4 Personnel	Existing manpower were engaged for overall management	
2.	Staff(s) -- 13 Personnel		
Total=	17 Personnel		

16.2 Personnel Required after the Project Completion:

Sl. No.	As Proposed in Project Document (PD)		Recruited (Yes/No)	If not recruited explain reason and latest status
	Name of Post	Number		
(1)	(2)	(3)	(4)	(5)
		-	No	Major Component of original DPP has not done due to various reason, Only Feasibility Study under revised DPP has done
Total=			No	

17. Training (Foreign/Local):

Category	Sl. No.	No. of Days/Weeks/Months (D/W/M), Batch & Participants					
		As in Project Document			Achievement		
		D/W/M	Batch (s)	Participants(s)	D/W/M	Batch (s)	Participants(s)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Local Training		Not Applicable					
Foreign Training		Not Applicable					

(PD= Project Document)

18. Component-wise Progress (As per latest approved Project Document):

Name of Component	Unit	Quantity	Estimated Cost (Taka in Lac)					Actual Progress (Taka in Lac)				
			Total	GOB	PA	Self-finance	Others	Total	GOB	PA	Self-finance	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(a) Revenue:												
Honorary Allowance (for PSC, PIC and TEC members)	L.S	1	3.83	3.83	-	-	-	3.83	3.83	-	-	-
Survey (bathymetric, cross-section and long-section survey for river dredging, monitoring and evaluation work, collection of map data including determination of efficiency of old pumps & usefulness of new Pump house by Buet and Detail feasibility Study of Chandpur irrigation project by CEGIS etc.).	L.S	1	409.89	409.89	-	-	-	409.89	409.89	-	-	-

computer equipment	Set	1	0.97	0.97	-	-	-	0.97	0.97	-	-	-
Sub-total (Revenue)			414.69	414.69	-	-	-	414.69	414.69	-	-	-
(b) Capital												
Sub-total (Capital)			0	0	-	-	-	0	0	-	-	-
Total a+b (Revenue+ Capital)			414.69	414.69	-	-	-	414.69	414.69	-	-	-

19. Procurement of Transport (in Nos.) :

Type of transport	Number as per Project Document	Number Procured with date	Transferred to Transport Pool with date	Transferred to O & M with date	Condemned/damaged with date	Returned or transferred to following project	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Car	-	-	-	-	-	-	-
Jeep	-	-	-	-	-	-	-
Microbus	-	-	-	-	-	-	-
Minibus	-	-	-	-	-	-	-
Bus	-	-	-	-	-	-	-
Pick-up	-	-	-	-	-	-	-
Truck	-	-	-	-	-	-	-
Motor - Cycle	-	-	-	-	-	-	-
By-cycle	-	-	-	-	-	-	-
Speed Boat	-	-	-	-	-	-	-
Launch	-	-	-	-	-	-	-
Others with name	-	-	-	-	-	-	-

20. Project Consultant (s) (Local/Foreign): NA

Name of the Field	Approved man month		Actual man month utilized	Number of Deliverables		Remarks
	As per Project Document	As per contract		As per Project Document	Actual	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
a) Local:	Not Applicable.					
b) Foreign:	Not Applicable.					

21. Infrastructure/Erection/Installation Tools & Equipment: NA.

Description	Quantity (as per project document)	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)
Major Component of original DPP has not done due to various reason, Only Feasibility Study under revised DPP has done						

22. Procurement of Goods, Works and Services:

22.1 Information on packages:

- a) Total number of packages as per Project Document: 2 Nos (Goods- 1 No. Works- 0 Services- 1 No.)
- b) Total number of packages procured: 2 Nos (Goods- 1 No Works- 0 Services-1 No)
- c) Reason for not procuring (if any): Major Component of original DPP has not done due to various reason, Only Feasibility Study under revised DPP has done.
- d) Number of packages for which the estimated cost is more than 1% of the estimated cost of the project: Not Applicable.

22.2 Detailed Package-wise information of Goods, Works and Services (For each case the highest 50 (fifty) packages) (Please use the format as in Annexure-I (a), I(b) and I(c))

### C. FINANCIAL AND PHYSICAL TARGET AND PROGRESS

23. Original and Revised Financial Provision and physical Target (as per Project Document):

Financial Year	Financial provision & physical target as per original Project Document						Financial provision & physical target as per latest revised Project Document					
	Total	GOB	P. A.	Self-finance	Others	Physical %	Total	GOB	P.A.	Self-finance	Others	Physical %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2018-2019	3442.85	3442.85	-	-	-	29.31%	0	0	-	-	-	0.00%
2019-2020	4191.43	4191.43	-	-	-	35.68%	0	0	-	-	-	0.00%
2020-2021	4111.73	4111.43	-	-	-	35.01%	0	0	-	-	-	0.00%
2021-2022	0.00	0.00	-	-	-	0%	87.00	87.90	-	-	-	21.19%
2022-2023	0.00	0.00	-	-	-	0%	326.79	326.79	-	-	-	78.81%
2023-2024	0.00	0.00	-	-	-	0%	0	0	-	-	-	0%
	11746.01	11746.01	-	-	-	100%	414.69	414.69	-	-	-	100%

*AD*

24. Revised ADP allocation and progress:

Financial Year	Revised Allocation & target						GOB Release	Expenditure & physical progress						Unspent* GoB Released (15)= 8-10
	Total	GOB	P.A.	Self-Finance	Others.	Physical %		Total	GOB	P.A.	Self-Finance	Others.	Physical %	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2018-2019	500	500				13.34%	0	0	0				0	0
2019-2020	2499	2499				66.69%	0	0	0				0	0
2020-2021	68.10	68.10				1.82%	68.10	0	0				0	68.10
2021-2022	340	340				9.07%	255.00	87.90	87.90				21.20%	167.10
2022-2023	340	340				9.07%	340.00	326.79	326.79				78.80%	13.21
2023-2024	0	0				0%	0	0	0				0	
Total=	3747.10	3747.10				100%	663.10	414.69	414.69				100%	248.41

\*Attach the Proof for Reconciliation of Unspent GOB Released

\*\*To determine the physical quantity, use the formula as in the circular of Planning Division

**D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT**

25. Project objective, Actual achievement and Reason for shortfall (if any)::

Objectives as per Project Document	Actual achievement	Reasons for shortfall (if any)
a) Providing irrigation facilities through flood-free environment, drainage development and surface water supply	-	Major Component of original DPP has not done due to various reason, Only Feasibility Study of Rehabilitation of Chandpur Irrigation Project under revised DPP has done.
b) Ensuring safety of people and natural resources including flood control dams of Chandpur Irrigation Project;		
c) Sustainable development of socio-economic and marginal sectors;		

**E. BENEFIT ANALYSIS**

26. Annual Out-put:

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-put during the 1 <sup>st</sup> year of operation at full capacity (or during, real production for newly completed project)
a) Drainage	Ha (area)	50,168 Ha	Due to various reasons, it was not possible to carry out the main tasks. Only project survey work was carried out. After carrying out the survey activities of Chandpur Irrigation Project, it will not be possible to implement the activities according to the approved DPP design, the cost of the project will increase and then 3 (three) years will be required to complete the project, so the project is completed only by conducting the survey and formulating a new project has been sent to Ministry of Planning .
b) Irrigation	Ha (area)	8,820 Ha	

27. Cost/Benefit:

Item	Estimated	Actual
(1) Benefit cost ratio of the project:	N/A	This is an unfinished project. A project named "Rehabilitation of Chandpur Irrigation Project" has been sent to the Ministry of Planning as per recommendations of the survey report.
(i) Financial		
(ii) Economic		
(2) Internal Rate of Return:		
(i) Financial		
(ii) Economic		

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

**F. MONITORING AND AUDITING**

29. Monitoring:

Name & Designation of the inspecting official	Date	Identified Problems	Recommendations
1	2	3	4
a) IMED:			Due to various reasons, it was not possible to carry out the main work. Only project survey work was carried out. After carrying out the survey activities of Chandpur Irrigation Project the Planning Commission recommended that since it will not be possible to implement the activities according to the approved DPP design, the cost of the project will increase and then 3 (three) years will be required to complete the project, so the project is completed only by conducting the survey and formulating a new project. A new project named "Rehabilitation of Chandpur Irrigation Project" has been sent to Ministry of Planning.
b) Ministry/Agency:			
c) Others: (Please specify)			

30. Auditing during and after Implementation:

30.1 Internal Audit:

Period of Audit	Date of submission of Audit Report	Sl. No.	Major findings/objections and Money involved	Whether objections resolved or not (if not, mention status)
1	2	3	4	5
No Internal Audit was done				

### 30.2 External Audit:

Period of Audit	Date of submission of Audit Report	Sl. No.	Major findings/objections and Money involved	Whether objections resolved or not (if not, mention status)
1	2	3	4	5
No External Audit was done				

## **G. POST-PROJECT REMARKS**

### 31. General Observations/Remarks on the Project

#### 31.1 Background

1978 with the objective of providing irrigation facilities in 22,000 hectares of Chandpur and Lakshipur districts with the aim of eliminating flood, drought, water logging and improving the socio-economic condition of the people of the project area, establishing flood control system in an area of 50,168 hectares and eliminating waterlogging at a cost of Tk 54.30 crores in 1978. Chandpur Irrigation Project was implemented in During the implementation of the project, 06 (six) pumps of 5.67 cubic meters capacity each with 2 (two) navigation locks at Charbagadi Namaksthan of Chandpur district, 4 (four) vent large size regulators of 651.00 cubic meters capacity with 1 (one) navigation lock at Hajimara Namaksthan of Lakshipur district in Bhati. is established. In addition to mechanical installations, 1 (one) electrical substation with 33/2.4 KV capacity, 6 km long electrical transmission lines, 812 km canals and other facilities were constructed for the management of these facilities and irrigation and drainage works.

Since the irrigation project is 46 years old, the efficiency of the pumps and other mechanical and electrical installations has decreased, so a project for the rehabilitation of the installations was passed from Ecnec on 23/10/2018 AD. But due to various reasons including 2 complaints of ACC, the project could not be implemented. Later on 25/05/2022 CEGIS was assigned the responsibility of carrying out the Feasibility Study of the project. The Feasibility Study of Chandpur Irrigation Project was completed by CEGIS on 25/04/2023 AD. An inter-ministerial meeting was held in the Planning Commission on 10/07/2023 regarding the extension of the project period by 1 (one) year without increasing the cost as the project period ends on June, 2023. A decision was taken in the inter-ministerial meeting held at the Planning Commission to formulate the revised DPP to complete the unfinished project and as the project is irrigation related and important as per the recommendations of the survey report. As per the decision of the inter-ministerial meeting the unfinished project is finalized and the discussed project is formulated in the light of the recommendations of the survey report.

#### 31.2 Justification/Adequacy

After carrying out the survey it will not be possible to implement the activities as per the design of the approved DPP, the project cost will increase and subsequently, more 3 (three) years will be required to complete the project as the incomplete project is completed only by carrying out the survey and the project is irrigation related and important. For this reason a new DPP was formulated based on the recommendations of the survey report, which is currently in the process of approval by the Planning Commission.



### 31.3 Objectives

- ▶ To restore the full functionality of irrigation and drainage facilities/systems in the project area by carrying out replacement of pumps, overhauling, rehabilitation/refurbishment of Hajimara regulator and other mechanical and electrical installations including repair and rehabilitation works in the project area. ;
- ▶ To increase the production of agriculture and agricultural products in the project area by ensuring irrigation facilities;
- ▶ To protect the project area from inundation and flooding during monsoon by ensuring drainage facilities;
- ▶ To improve the quality of life of the local people by maintaining a flood-free and drought-free environment in the project area and thereby improving the overall socio-economic condition; and ,
- ▶ To protect public resources by maintaining sustainable irrigation and drainage system in the project area by increasing the effectiveness, efficiency and efficiency of Charbagadi pumping plant;

### 31.4 Project revision with reasons

#### ❖ Reason for 1st Revision:

Tender documents and estimates are prepared for execution of project works. At the beginning of the tender process, a complaint was raised by Duduk that "During the implementation of the project work, if it is possible to make the pump operational by overhauling the pump at a cost of 30 (thirty) crores, money is being embezzled by replacing the pump at 117 (one hundred and seventeen) crores through irregularities and corruption." Therefore, the tender process is suspended.

Due to the complaint, an inquiry committee was formed by the Ministry of Water Resources on 09-11-2020. Inquiry Committee on 03/02/2021 AD as short term action necessary repairs of damaged/defective/useless parts/machinery of existing pump house and as long term action further action may be taken after inspection of performance of pumps by Bangladesh University of Engineering (BUET). Submitted a report containing opinions/recommendations on the matter. Subsequently, on 25/02/2021 AD, in the monthly review meeting of the Ministry of Water Resources, after a detailed review, it was decided to implement the project by carrying out the project's sub-drainage. As a result of this decision, the project was amended by adding a survey component.

#### ❖ Reason for 2st Revision:

The project was 2nd Revised due to Decision of Ministry of Planning Commission. The decision of Ministry of Planning Commission are bellow-

- After conducting the survey, it will not be possible to implement the activities as per the design of the approved DPP, the cost of the project will increase and further 3 (three) years will be required to complete the project, so only the project should be declared completed before the survey is



conducted.

- The proposal (in RDPP form) has to be sent to the Planning Commission by determining the cost of the project and the resources required only for the survey and the duration of the project from January 2019 to December 2023.
- As the project is irrigation related and important, a new DPP will be formulated as per the recommendations of the survey report.

## 32 Rationale of the project (Consider the following issues):

### 32.1 Concept

The project was implemented in Chandpur in 1978. As the irrigation project is 46 years old, the efficiency of pumps and other mechanical and electrical installations has decreased, so a project for rehabilitation of the installation was passed on 23/10/2018 AD. But due to various reasons including 2 complaints in ACC, the project could not be implemented. Later on last 25/05/2022 CEGIS was given the responsibility of carrying out Feasibility Study on the project. The Feasibility Study of Chandpur Irrigation Project was completed by CEGIS on 25/04/2023 AD. An inter-ministerial meeting was held in the Planning Commission on 10/07/2023 regarding the extension of the project period by 1 (one) year without increasing the cost as the project period ends on June, 2023.

Since as per recommendation of survey report it will not be possible to implement the activities according to the approved DPP design, the cost of the project will increase and then 3 (three) years will be required to complete the project, A decision was taken in the inter-ministerial meeting held at the Planning Commission to formulate a revised DPP to complete the unfinished project. As the project is irrigation related and important, decision of the inter-ministerial meeting is formulated a new project as per recommendations of the survey report. which is currently under process for approval by the Planning Commission.

### 32.2 Design:

Major Component of original DPP has not done due to various reason, Only Feasibility Study under revised DPP has done

### 32.3 Location:

Chandpur Pawrashava Chandpur sadar Upazila under Chandpur District and Raipur Upazila under Lakshmipur.

### 32.4 Timing. January 2019 to December 2023.

## 33. Brief description on planning and financing of the project and its applicability (Consider the following issues):

### 33.1 Project Identification

To eliminate flood, drought, water logging and improve the socio-economic condition of the people of the project area, establishment of flood control system and water logging in 22,000 hectares of Chandpur Municipality, Chandpur Sadar Upazila and Raipur Upazila of Laxmipur District with the target of providing irrigation facilities in 50,168 hectares area. Chandpur

Irrigation Project was implemented with the aim of eliminating During the implementation of the project, 06 (six) pumps with a capacity of 5.67 cumec each with 2 (two) navigation locks at Charbagadi in Chandpur district and 4 (four) pumps with a capacity of 651.00 cumec with 1 (one) navigation lock at Hajimara in Lakshipur district on the downstream side vents have oversized regulators.

### 33.2 Project Preparation

The original DPP was prepared on the basis of Feasibility Study Report for Rehabilitation of Charbagadi Pump House and Hajimara Regulator of Chandpur Irrigation Project authenticated by Technical Committee constituted by Bangladesh Water Development Board. Chandpur Mech. O&M Division of BWDB have prepared the DPP. After reviewing the DPP on MoWR it was prepared for approval.

33.3 Appraisal: The project was appraised by Planning Commission on 15.07.2018

33.4 Credit Negotiation: N/A

33.5 Credit Agreement: N/A

33.6 Credit Effectiveness: N/A

33.7 Loan Disbursement: N/A

33.8 Loan Conditions: N/A

33.9 Project Approval: The project was approved by ECNEC on 23/10/2018 (Original DPP) and on 30/01/2024 (2<sup>nd</sup> revision)

33.10 Others(specify): Nil

### 34. Analysis of the post: implementation situation and result of the project (Consider following issues):

**34.1 Whether the beneficiaries of the project have clear knowledge about the Target/Objectives of the project:** - Yes

**34.2 Programme for use of created-facilities of the project:** Major work of original DPP has not done due to various reason, Only Feasibility Study of Rehabilitation of Chandpur Irrigation Project under revised DPP has done. All the Infrastructure that was assumed to be saved seem to be saved by the Implementation of the project.

**34.3 O & M Program of the project:** Operation and Maintenance programme will be arranged from non-development revenue budget of BWDB.

**34.4 Impact of the project (Direct & Indirect):** Major work of original DPP has not done due to various reason, Only Feasibility Study of Rehabilitation of Chandpur Irrigation Project under revised DPP has done.

**35.5 Transfer of Technology and Institutional Building through the project-** N/A

**34.6 Employment generation through the project -** N/A

**34.7 Possibility of Self employment -** N/A

**34.8 Possibility of Women-employment opportunity -** N/A

**34.9 Women's participation in development -** N/A

**34.10 Probable Impact on Socio-Economic activity -** N/A

**34.11 Impact on environment -** N/A

**34.12 Sustainability of the project -** N/A

**34.13 Contribution to poverty alleviation/reduction -** N/A

**34.14 Opinion of the public representatives, local elite, local administration, teachers, religious leaders, women's representatives etc -** N/A

**34.15 Contribution of Micro-credit programs and Comments on overlapping with any NGO activities - N/A**

35. Problems encountered during Implementation (with duration & steps taken to resolve those) (Consider following issues):

- 35.1 Project management:
- 35.2 Consultancy:
- 35.3 Manpower:
- 35.4 Law & Order:
- 35.5 Time & Cost Over-run:
- 35.6 project supervision/inspection:
- 35.7 Delay in Decision:
- 35.8 costing:
- 35.9 Technical Specification:
- 35.10 Approval and Others:

36. Remarks & Recommendations of the Project Director:

Chandpur Irrigation Project is a very important irrigation project of Bangladesh Water Development Board. Charbagadi Pump House under Chandpur Irrigation Project has been draining a total area of 50,168 hectares of 6 upazilas of Chandpur and Lakshipur districts during the monsoon season (May-November) and 8820 hectares during the dry season (January-April) for about 44 years since 1977-78. ) By providing irrigation water and increasing crop production, the socio-economic condition of the people is being greatly improved.

The main infrastructure of Chandpur Irrigation Project is Charbagadi Pump House. Charbagadi Pump House has a total of 06 pumps of 200 cusec capacity each. The pump house was implemented in 1972-1978 AD by the Japanese EBARA Manufacturing Company. As the pump house is almost 44 years old, the efficiency of the pump has greatly decreased.

The project titled "Rehabilitation of Char-Bagadi Pump House and Hajimara Regulator of Chandpur Irrigation Project" was passed in ECNEC meeting on 23-10-2018 AD. Planning Commission's NEC-ECNEC and Coordination Division, ECNEC Branch-1 has issued the GO as per Swarak No. 20.00.0000.411.14.26.18-698 Date: 12-11-2018 AD and Ministry of Water Resources Planning Branch-2 Administrative approval is issued as per its Memorandum No-42.00.0000.043.014.013.2017-(Part-1)-257 dated: 28-11-2018 AD. The total estimated cost of the project was Rs.11746.01 lakhs. Implementation period is from January/2019 to June/2021. Under the said project, supply and installation of 6 new pumps by removing the old pump of Charbagadi pump house, supply of new MCC Panel board for pump operation, installation of Sub-Station according to the required voltage for pump operation, supply of necessary mechanical parts according to the pump brand and PLC for monitoring the pump operation. - SCADA supply etc. main functions.

Tender documents and estimates are prepared for execution of project works. At the beginning of the tender process, a complaint was raised by Duduk that "During the implementation of the project work, if it is possible to make the pump operational by overhauling the pump at a cost of 30 (thirty) crores, money is being embezzled by replacing the pump at 117 (one hundred and seventeen) crores through irregularities and corruption." Therefore, the tender process is suspended.



Due to the complaint, an inquiry committee was formed by the Ministry of Water Resources on 09-11-2020. Inquiry Committee on 03/02/2021 A.D. as a short term measure for necessary repairs of damaged/defective/useless parts/equipment in the existing pump house and as a long term measure to take further action after inspection of the performance of the pumps by Bangladesh University of Engineering (BUET). Submitted a report with opinions/recommendations on the matter. Later on on 25/02/2021 A.D., in the monthly review meeting of the Ministry of Water Resources, it was decided to carry out the project's Detail Feasibility Study after a detailed review.

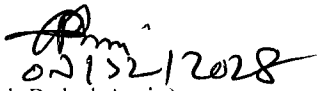
Following this, the Ministry of Water Resources issued administrative approval for the project "Char-Bagadi Pump House and Hajimara Regulator Rehabilitation (1st Revised) of Chandpur Irrigation Scheme" on 26-01-2022. The total estimated cost of the project was Rs.12243.01 lakh and the implementation period was from January/2019 to June/2023.

On 25/05/2022 A.D. CEGIS was awarded the work order as a consultant for carrying out the survey work under the project. A part of the survey work was carried out through Bangladesh University of Engineering and Technology (BUET). Performance of pump was checked by BUET: Final survey report was submitted on 25/04/2023 AD at the end of the survey process by CEGIS after taking feedback. The survey report recommends addition of some new organs and reduction/increase in cost of some organs covered by DPP.

In view of the expiry of the project period on June/2023, the proposal to extend the project period up to June/2024 without any increase in expenditure was sent to the Planning Commission and the extension of the project period by 1 (one) year without any increase in expenditure was sent to the Planning Commission on 10/07/2023. An inter-ministerial meeting was held. After carrying out survey activities of Chandpur Irrigation Project, it will not be possible to implement the activities according to the approved DPP design, the cost of the project will increase and then 3 (three) years will be required to complete the project, so only keeping the funds necessary for the survey and the expenses up to the time of carrying out the survey. Instructions were given in the meeting to announce the completion of the project.

Ministry of Water Resources Planning Branch-2 Circular No-42.00.0000.043.014.013.2017-(Part-1)-226; Date : August 03, 2023 As per - "Rehabilitation of Char-Bagadi Pump House and Hajimara Regulator of Chandpur Irrigation Scheme (1st Revised)" project cost till date and resources required for survey only and project duration from January 2019 to December 2023 By fixing the proposal (in RDPP VI) to the Planning Commission and as the project is irrigation related and important, administrative approval is issued to formulate the new DPP as per the recommendations of the survey report. As per the directives of the Planning Commission and the Ministry of Water Resources, the unfinished projects were completed.

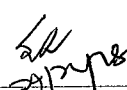
Date:

  
(Md. Ruhul Amin)  
Executive Engineer  
Chandpur Mech W.D. Division  
BWDB, Chandpur  
&  
Project Director.

37. Remarks/Comments of Agency Head:

Various types of mechanical and electrical items including pumps of the Chandpur irrigation project were 44 years old, so it was not possible to operate the pumping plant continuously for irrigation and drainage activities. As a result of which the irrigation and drainage work in the project area is disrupted, there is an adverse reaction among the public of the project. A technical committee is set up by BWDB to resolve the issue. As per the recommendations of the committee, the project is taken up for rehabilitating various types of mechanical and electrical items including pumps. After the approval of the project, during the tender process due to various complaints, the work could not be implemented. Due to which the PSC meeting on 07/12/2021 AD decided to conduct a Detail Feasibility Study of the project. According to the decision of the PSC meeting, the Detail Feasibility Study of the project is done through CEGIS and BUET. According to the Detail Feasibility Study report the implementation of the activities as per the approved DPP design will not be possible, 3 more years will be required to implement the work and the cost of the project will also increase so that project is closed as per the decision of the inter-ministerial meeting in the Planning Commission and since the projects are related to irrigation, as per recommendation of Feasibility Study report a new project has been sent to the Planning Commission.

Date.....

  
Signature and seal of Agency Head

(Muhammad Amirul Haq Bhuiya  
ID No. 660118001

38. Remarks/Comments of the Secretary/Senior Secretary of the Ministry/Division:

**Director General  
BWDB, Dhaka**

As per the decision of the inter-ministerial meeting held in the Planning Commission, the project is closed and a new project has been sent to the Planning Commission.

Date.....

Signature and seal of Secretary

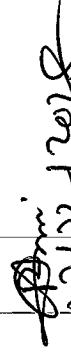
Information Related to Procurement of Goods:

As per Project Package No	Description of Package	Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
												As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
e-T-CIP/G-08/2022-23	Supplying of Computer Consumer for Division Office under Chandpur Mech. O&M during the year 2022-23.	Plan: 0.97 Actual: 0.97 Deviation: 0	RFQ	PD	13/06/2023	N/A	21/06/2023	22/06/2023	22/06/2023	0.97 & 25/06/2023	0.97	27/06/2023	27/06/2023

\* Please mention Dates for plan and actual

\* Deviation in days (difference between plan and actual)

\* Plan as per procurement plan described in project document

  
 02/02/2023  
 (স্বাঃ কবুল আফিন)  
 নির্বাহী প্রকৌশলী  
 চন্দপুর যান্ত্রিক নানি উন্নয়ন বিভাগ  
 বাপাউলো, চাঁদপুর

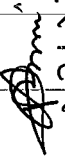
Information Related to Procurement of Works:

As per Project Document Package No	Description of Package	Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
												As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
N/A													

\* Please mention Dates for plan and actual

\* Deviation in days (difference between plan and actual)

\* Plan as per procurement plan described in project document

  
 ০২/১২/২০১৮  
 (মোঃ রুহুল আমিন)  
 নির্বাহী প্রকৌশলী  
 চাঁদপুর যাতিক পানি উন্নয়ন বিভাগ  
 বাপাডবো, চাঁদপুর


## Information Related to Procurement of Services:

As per Project Package No	Description of Package	Estimated Cost. (Taka in Lac)	Procurement Method	Approving Authority	Date of Tender Invitation	Name of Newspaper	Date of Opening	Date of Approval	Date of NOA	Contract Price & Date	Actual Payment	Date of Completion	
												As per Contract	Actual
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
CIP/S-01/2021-2022	Survey (bathymetric, cross-section and long-section survey for river dredging, monitoring and evaluation work, collection of map data including determination of efficiency of old pumps & usefulness of new Pump house by Buet and Detail feasibility Study of Chandpur irrigation project by CEGIS etc.)	Plan: 409.89 Actual: 409.89 Deviation: 0.00	DPM	DG	16/03/2022	N/A	28/03/2022	28/04/2022	22/05/2022	409.89 & 22/03/2022	409.89	16/04/2023	16/04/2023

\* Please mention Dates for plan and actual

\* Deviation in days (difference between plan and actual)

\* Plan as per procurement plan described in project document

  
 22/02/2023  
 (মোঃ সৈকত জামিন)  
 নির্বাহী প্রকৌশলী  
 চাঁদপুর যান্ত্রিক পানি উন্নয়ন বিভাগ  
 বাপাউবো, চাঁদপুর