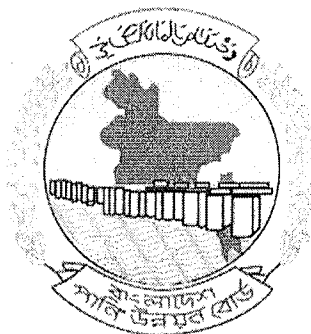


BANGLADESH WATER DEVELOPMENT BOARD



PROJECT COMPLETION REPORT: IMED 04/2003(Revised)

Name of the Project: Re-excavation of Arialkha River, Haridoya River, Brahmaputra River, Paharia River, Meghna Branch River and Old Brahmaputra Branch River Project under Narshingdi District (1st Revised)

PROJECT PERIOD: JANUARY 2017 TO JUNE 2023

DIVISION	NARSHINGDI O & M DIVISION, BWDB, NARSHINGDI
CIRCLE	DHAKA O & M CIRCLE, BWDB, DHAKA
ZONE	CENTRAL ZONE, BWDB, DHAKA

Government of the people's Republic of Bangladesh

Ministry of Planning

Implementation Monitoring and Evaluation Division

PROJECT COMPLETION REPORT:

A. PROJECT DESCRIPTION:

1. **Name of the Project** : Re-excavation of Arialkha River, Haridoya River, Brahmaputra River, Paharia River, Meghna Branch River and Old Brahmaputra Branch River Project under Narshingdi District (1st Revised)
2. **Administrative Ministry/Division** : Ministry of Water Resources (MoWR)
3. **Executing Agency** : Bangladesh Water Development Board (BWDB)
Delegated to 24 Engineer Construction Brigade, Bangladesh Army.

4. **Location of the Project** :
- | District | Upazila |
|-------------|---|
| Narshingdi | Narshingdi Sadar, Balabo, Monohardi, Polash, Shibpur and Raipura. |
| Narayanganj | Bandor, Sonargoan & Arihajar |

5. **Objective of the Project:**

- ❖ To arrest river bank erosion and flood protective coverage by construction of river bank protective works.
- ❖ To increase the conveyance capacity of Arialkha River, Haridoya River, Brahmaputra River(part of Narshingdi), Paharia River, Meghna Branch River and Old Brahmaputra Branch River and Brahmaputra River(part of Narayanganj) by Re-excavation.
- ❖ The Project is to sustain socio-economic enhancement and safety of natural security in vast tract of area under Narshingdi and Narayanganj.

6. **Estimated Cost:**

(in Lakh Taka)

	Original	Latest Revised (1 st)
a. Total	50028.18	90341.76
b. Taka	50028.18	90341.76
c. Foreign Currency	-	-
d. Project Aid	-	-
e. RPA	-	-

07. **Date of Approval** :
- | | PCP | PP |
|--------------------------------------|-----|------------|
| (a) Original | - | 16/08/2017 |
| (b) Latest Revised(1 st) | - | 31/12/2020 |
| (c) No Cost Time Extension | - | 16/06/2022 |
| (d) Inter Item Cost Adjustment | - | 26/06/2023 |

8. Implementation Period:

	Date of Commencement	Date of Completion
a. Original	Jan 2017	Jun 2021
b. Latest Revised(1 st)	Jan 2017	Jun 2022
c. No Cost Time Extension	Jan 2017	Jun 2023
d. Inter Item Cost Adjustment	Jan 2017	Jun 2023

9. Financial Agreement (Source Wise):

9.1 State 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 Closing	
1	2	3	4	5	6	7	9

N.A.

b. GOB:

(in Lakh Taka)

Total Amount	Loan	Grant	Cash Foreign Exchange
1	2	3	4
90341.76	-	90341.76	-

9.2 Utilization of Project Aid: (Source Wise)

	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

N.A.

93. Reimbursable Project Aid (RPA) :

RPA Amount		Amount Spent	Amount Claimed	Amount Reimbursed	Remarks.
As per DPP	As per Agreement				
1	2	3	4	5	6

N.A.

B. IMPLEMENTATION POSITION

1. Implementation Period:

Implementation Period as per DPP		Actual Implementation Period	Time Over-run (% of Original Implementation Period)	Remarks
Original	Latest Revised (1 st)			
1	2	3	4	5
January 2017 to June 2021 (3 Years 6 months)	January 2017 to June 2023 (5 Years 6 months)	January 2017 to June 2023 (5 Years 6 months)	(44.44%)	Due to insufficient financial allocation in the financial year 2021-2022, the duration of the project has been extended by 01 year without increasing the cost.

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2. Cost of the Project:

(in Lakh Taka)

Description	Estimated Cost		Actual Expenditure	Cost over-run (% of original Cost)	Remarks
	Original	Latest Revised (1 st)			
1	2	3	4	5	6
Total	50028.18	90341.76	85805.62	-	1. Expenditure increased due to newly incorporated increased dredging length in Meghna branch river (17.305 km). 2. Expenditure has increased due to new inclusion of 2.895 km river bank protection work at highly effected densely populated Areas. 3. In addition to these due to erosion of bank line of Meghna main river, few must needed new components were incorporated to the project. 4. The cost has also increased due to changes in the design, length, dredging and excavation length of the project components (Schedule of Rate) for making it effective and sustainable.
Taka	50028.18	90341.76	85805.62	+71.50%	
PA	-	-	-	-	

3. Project Personnel:

Sanctioned Strength as per PP	Manpower employed during execution	Status of the existing Manpower			Manpower Employed	
		Manpower requirement for O & M as per PP	existing Manpower for O & M	Others	Male	Female
1	2	3	4	5	6	7
Officer(s)	Existing manpower of the implementing Agency were deployed during execution of the project.					
Staff(s)						
Total						

4. Training of Project Personnel (Foreign/Local): No Provision of training in this Project.

Field of Training/ Study tour/work shop/Seminar etc.	Provision as per PP		Actual		Remarks.
	Number of Person	Man-month	Number of Person	Man months	
1	2	3	4	5	6
a) ForeignN/A.....				
b) LocalN/A.....				

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5. Component wise Progress (As per Latest approved DPP):

(in Lakh Taka)

Items of work (as per RDPP)	Unit	Target (as per RDPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
a) Revenue Component:						
Fuel & Gas	LS	250.00	LS	250.00	LS	
Petrol & Lubricant	LS	80.00	LS	80.00	LS	
Printing & Publications	LS	10.00	LS	10.00	LS	
Stationery, seal & stamps	LS	15.00	LS	15.00	LS	
Honorarium (PSC, TEC, PIC etc.)	LS	20.00	LS	20.00	LS	
Progres Monitoring committee	LS	10.00	LS	10.00	LS	
Mid Term Evaluation	LS	10.00	LS	10.00	LS	
Survey & Investigation	LS	600.00	LS	600.00	LS	
Miscellaneous expense	LS	20.00	LS	20.00	LS	
Repairs, maintenance & rehabilitation	LS	13.00	LS	13.00	LS	
project Allowance	LS	374.00	LS	374.00	LS	
Hiaring Charge	LS	350.00	LS	350.00	LS	
Conference	LS	20.00	LS	20.00	LS	
Electric Bill	LS	50.00	LS	50.00	LS	
Telephone/Mobile Bill	LS	30.00	LS	30.00	LS	
House Rent	LS	300.00	LS	300.00	LS	
Office Rent	LS	300.00	LS	300.00	LS	
Travel Allowance	LS	15.00	LS	15.00	LS	
Consultancy Service	LS	200.00	LS	200.00	LS	
Ceremony	LS	20.00	LS	20.00	LS	
House Maintenance	LS	6.00	LS	6.00	LS	
Office Maintenance	LS	6.00	LS	6.00	LS	
Total :		2699.00		2699.00		
b) Capital Component:						
Motor Cycle(125CC)	Nos	4.50	3	4.50	3	
Double Cabin pickup	Nos	50.00	1	50.00	1	
Multimedia Digital Camera	Nos	1.50	2	1.50	2	
Photocopy Machine	Nos	2.00	1	2.00	1	
Survey Equipment	LS	100.00	LS	100.00	LS	
Desktop/Laptop with Laser Printer & Accessories	Nos	12.50	3x Desktop & 1x Laptop	12.50	3x Desktop & 1x Laptop	
Afforestation	LS	200.00	LS	200.00	LS	
Compensation on Construction of Dykes (Management of Excavated Soils)	LS	500.00	LS	500.00	LS	
Utilizing Shifting, Evacuation of other buildings and structures and creation of walkways (Landscaping) etc. (TBM Apps)	LS	1678.20	LS	1400.00	LS	
Furniture	LS	100.00	LS	100.00	LS	
Re-Excavation Works:						
Re-excavation of Meghna River Mukh (Karimpur to Ponchoboti), Km 0.000 to Km 2.750=2.750 Km, Earthwork-535210.00 cum.	km/cum	838.94	2.750 km (509559.13)	838.94	2.750 km (509559.13)	
Re-excavation of West Channel of Meghna River (Puraton Thana Ghat to sluice Gate Bazar), Km 0.000 to Km 4.000= 4.000 Km, Earthwork-1713746.66 cum.	km/cum	2552.99	4.000 km (1547267.73)	2552.99	4.000 km (1547267.73)	

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Items of work (as per RDPP)	Unit	Target (as per RDPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Re-Excavation of upper part of river Meghna (from Old Thanaghat to Srinagar).(km 0.000 to km 5.700= 5.700 km) (soil volume 535905.00 cum)	km/ cum	801.60	5.700 km (48581.45)	801.60	5.700 km (48581.45)	
Re-Excavation of lower part of river Meghna(from Sluich Gate to Pykar char). (Km 4.000 to Km 10.100 = 6.100 km)(Soil volume 561501.65 cum)	km/ cum	846.11	6.100 km (512794.00)	846.11	6.100 km (512794.00)	
Re-excavation of Arial Kha River (Lower Part), Km 0.000 to Km 31.200= 31.200 Km, Earthwork-2534411.000 cum.	km/ cum	4140.07	31.200 km (2509133.51)	4140.07	31.200 km (2509133.51)	
Re-excavation of Arial Kha River (Upper Part), Km 0.000 to Km 19.000= 19.000 Km, Earthwork-1914729.00 cum.	km/ cum	3125.14	19.000 km (1894026.94)	3125.14	19.000 km (1894026.94)	
Re-excavation of Brahmaputra River(part of Narshingdi) Km 0.000 to Km 25.214 = 25.214 Km,Earthwork-1958440.45cum.	km/ cum	3103.17	25.214 km (1687508.28)	3102.33	25.214 km (1687508.28)	
Re-excavation of Brahmaputra River (part of Narayangonj) Km 0.000 to Km 39.000= 39.000 Km, Earthwork- 927211.33cum	km/ cum	1433.54	39.000 km (877135.95)	1433.54	39.000 km (877135.95)	
Re-excavation of Old Brahmaputra River Km 0.000 to Km 32.500=32.500 Km, Earthwork-4834512.00 cum.	km/ cum	5985.09	32.500 km (3820415.56)	5985.09	32.500 km (3820415.56)	
Re-excavation of Haridoa River, Km 0.000 to Km 41.500 = 41.500 Km, Earthwork-3627160.36cum.	km/ cum	3996.59	41.500 km (2688501.74)	3996.59	41.500 km (2688501.74)	
Re-excavation of Paharia River, Km 0.000 to Km 25.500 = 25.500 Km, Earthwork-1655842.50cum.	km/ cum	2210.46	25.500 km (1363750.53)	2210.46	25.500 km (1363750.53)	
Re-excavation of Menda Khal/ River, Km 0.000 to Km 2.000=2.000 Km, Earthwork-158720cum.	km/ cum	208.37	2.000 km (126428.53)	208.37	2.000 km (126428.53)	
Re-Excavation of Haridoa River Mukh Char (450m x 400m) (Soil volume- 414609.39cum).	km/ cum	650.77	414609.39	650.77	394411.61	
Re-Excavation of Arial Khan River Char Funnel (100m x 100m on both sides of the river) at the mouth of (Soil volume - 37087.26 cum)	km/ cum	56.22	37087.26	56.22	34075.07	
Protection from Wave action:						
Wave Protection work along the Right bank of the Meghna Branch River at Paikarchar Union(from 10.040 to km 14.500 = 4460m) in Narshingdi Sadar.	m	4694.87	4460	4694.87	4460	

NA.

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Items of work (as per RDPP)	Unit	Target (as per RDPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Wave Protection work along the Right bank of Meghna Branch River at Mahishashura Union (from km 2.300 to km 7.767= 5467 m) in Narshingdi Sadar.	m	5779.07	5467	5779.07	5467	
Wave Protection work along the Left bank of Meghna Branch River of Char Digaldi Bazar (from km 0.000 to km 1.200=1200m) in Narshingdi Sadar, Narshingdi.	m	1182.83	1200 m	1182.83	1200 m	
Wave Protection work along the Left bank of Old Brahmaputra Branch River and Left bank of Shitalakkha River at Lakhpur Bazar (from km 0.000 to km 1.077= 1077 m) Upazilla- Shibpur, Dist- Narshingdi.	m	875.71	1077 m	875.71	1077 m	
Wave Protection work along the Left bank of Meghna Branch River at Nazarpur Union (from km 0.000 to km 4.500= 4500 m) Upazilla- Narshingdi Sadar.	m	13745.84	5100 m	10615.52	5100 m	(-) 3130.32 Land Acquisition could not be done for river drive park.
Wave Protection work along the Right bank of Arial kha River at Dogar Char Union to Relipara bazar (from km 5.000 to km 10.500= 5500 m) Upazilla- Raipura.	m	3650.35	5500 m	3650.35	5500 m	
Bank Protective Work:						
Bank Protective Work on the Right Bank of the Meghna Branch River at Bakhar Nagar Village & Bazar from km 0.131 to km 0.455 = 324 m at Alokballi Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	m	937.88	324 m	937.88	324 m	
Bank Protective Work on the Right Bank of the Meghna Branch River at Murad Nagar Village & Bazar from km 0.455 to km 0.750 = 295 m at Alokballi Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	m	1049.03	295 m	1049.03	295 m	
Bank Protective Work on the Right Bank of the Meghna Branch River at Murad Nagar Village & Bazar from km 0.750 to km 1.190 = 440 m at Alokballi Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	m	1210.62	440 m	1210.62	440 m	
Bank Protective Work on the Right Bank of the Meghna Branch River at Sutkikandi Village from km 0.109 to km 1.410 = 1301m at Karimpur Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	m	6447.64	1301 m	6447.64	1301 m	
Bank protection works on the left bank of Meghna River (Meghna branch river) at village Chramdhua in Chramdhua union in Raipura upazila of Narshingdi district. (Km 0.000 to Km 0.590 and Km 1.120 to Km 2.225 = 1695 m)	m	8566.05	1695 m	7789.63	1695 m	(-) 776.42 Work Done as per new design

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Items of work (as per RDPP)	Unit	Target (as per RDPP)		Actual Progress		Reasons for deviation (±)
		Financial	Physical (Quantity)	Financial	Physical (Quantity)	
1	2	3	4	5	6	7
Bank protection work on the right bank of the Meghna Branch River at Bagargroth in Karimpur Union in Sadar Upazila of Narshingdi District. (km 0.000 to km 0.300 = 300 m)	m	248.77	300 m	248.77	300 m	
Bank protection works on the left bank of Meghna River (Meghna Branch River) in Saudagarkandi Village, Chandpur Union, Raipura Upazila, Narshingdi District. (km 0.000 to km 0.900 = 900 m)	m	4611.83	900 m	4361.47	900 m	(-) 250.36 Work Done as per new design
Foundation Treatment of Bridge	Nos	1944.51	96	1944.51	96	
Sub Total (a+b) :		90241.76	-	85805.62		
c) Physical Contingency		50.00	-	0.00		
d) Price Contingency		50.00	-	0.00		
Total (a+b+c+d) :		90341.76	100%	85805.62	98.50%	

6. Information Regarding Project Director (s):

Name & Designation with pay scale	Full time	part time	Responsible for more than one project	date of		Remarks
				Joining	Transfer	
1	2	3	4	5	6	7
Md Abdul Matin Sarker Project Director & Superintending Engineer Pay Scale: 4th Grade BDT 50,000-71,200/-	Yes	-	Yes	31-12-2017	19-05-2020	
Md Shahjahan Siraj Project Director & Superintending Engineer Pay Scale: 4th Grade BDT 50,000-71,200/-	Yes	-	Yes	19-05-2020	13-09-2020	
Md Abdul Hannan Project Director & Superintending Engineer Pay Scale: 4th Grade BDT 50,000-71,200/-	Yes	-	Yes	13-09-2020	03-04-2022	
Dewan Ainul Haque Project Director & Superintending Engineer Pay Scale: 4th Grade BDT 50,000-71,200/-	Yes	-	Yes	03-04-2022	Till date	

7. Procurement of Transport (in nos.):

Type of Transport	Number as per DPP	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
Double Cabin Pickup	1 Nos	17-01-2019	-	Narshingdi O & M division, Date: 29-06-2023	-	Vehicle is using at Narshingdi O & M division Vehicle No-Dhaka-Metro-Tha-13-5922
Motor Cycle 125 cc	3 Nos	11-06-2018	-	03 Nos, Narshingdi O&M Division, Date: 29-06-2023	-	Vehicle is using at Narshingdi O & M division Vehicle No- Narshingdi-Ha-11-3372, Narshingdi-Ha-11-3373 and Narshingdi- La-11-0684,

08. Procurement of Goods, Works and Consultancy Service.

8.1. Goods & Works of the Project: (200.00 Lac on above)

Ser	Pkg No & Contractor Name	Description of procurement (goods/work/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 DPP Revised	Contract value Revised	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7	8	9
1.	Pkg-01 (Western Engineering Pvt. Ltd.)	Re-excavation of West Channel of Meghna River (Puraton Thana Ghat to sluice Gate Bazar), Km 0.000 to Km 4.000= 4.000 Km.	Original 20.02 1 st Revised 25.52	Original 20.02 1 st Revised 25.52	Delegated to Bangladesh Army all the contractor were deployed by Bangladesh Army following their internal rules & regulation.	Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Re-excavation of Arial Kha River (Upper Part), Km 0.000 to Km 19.000= 19.000 Km.	Original 54.10 1 st Revised 31.25	Original 54.10 1 st Revised 31.25		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Re-excavation of Old Bhramaputra River Km 0.000 to Km 32.500=32.500 Km	Original 30.45 1 st Revised 59.85	Original 30.45 1 st Revised 59.85		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
2.	Pkg-02 (Sonali Dredger Ltd.)	Re-excavation of Haridoo River, Km 0.000 to Km 41.500 = 41.500 Km.	Original 26.77 1 st Revised 39.96	Original 26.77 1 st Revised 39.96		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Re-excavation of Paharia River, Km 0.000 to Km 25.500 = 25.500 Km.	Original 23.72 1 st Revised 22.10	Original 23.72 1 st Revised 22.10		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
3.	Pkg-03 (Quest International Ltd.)	Re-excavation of Arial Kha River (Lower Part), Km 0.000 to Km 31.200= 31.200 Km.	Original 44.60 1 st Revised 41.40	Original 44.60 1 st Revised 41.40		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
4.	Pkg-04 (Future Infrastructure Development Ltd.)	Re-excavation of Bhramaputra River (part of Narshingdi) Km 0.000 to Km 25.214 = 25.214 Km.	Original 23.46 1 st Revised 31.02	Original 23.46 1 st Revised 31.02		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Re-excavation of Menda River, Km 0.000 to Km 2.000=2.000 Km.	Original 2.59 1 st Revised 2.08	Original 2.59 1 st Revised 2.08		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
5.	Pkg-05 (ASOI-JV)	Re-excavation of Bhramaputra River (part of Narayangonj) Km 0.000 to Km 39.000= 39.000 Km.	Original 32.80 1 st Revised 14.33	Original 32.80 1 st Revised 14.33		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Re-excavation of Meghna River Mukh (Karimpur to Ponchoboti), Km 0.000 to Km 2.750=2.750 Km.	Original 7.51 1 st Revised 8.39	Original 7.51 1 st Revised 8.39		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023

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Ser	Pkg No & Contractor Name	Description of procurement (goods/work/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 DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7	8	9
6.	Pkg-06 (Star Trading Corporation)	Wave Protection work along the Right bank of Meghna Branch River at Mahishashura Union (from km 2.300 to km 7.767= 5467 m) in Narshingdi Sadar.	Original 52.49 1 st Revised 57.79	Original 52.49 1 st Revised 57.79	Delegated to Bangladesh Army all the contractor were deployed by Bangladesh Army following their internal rules & regulation.	Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
7.	Pkg-07 (Tazwar Trade Systems Ltd.)	Wave Protection work along the Right bank of the Meghna Branch River at Paikarchar Union (from 10.040 to km 14.500 = 4460m) in Narshingdi Sadar.	Original 42.82 1 st Revised 46.94	Original 42.82 1 st Revised 46.94		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
8.	Pkg-08 (M/S. Tazul Islam)	Wave Protection work along the Left bank of Meghna Branch River at Nazarpur Union (from km 0.000 to km 4.500= 4500 m) Upazilla- Narshingdi Sadar.	Original 42.82 1 st Revised 137.45	Original 42.82 1 st Revised 137.45		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
9.	Pkg-09 (Vincen Consultancy Pvt. Ltd.)	Wave Protection work along the Left bank of Meghna Branch River of Char Digaldi Bazar (from km 0.000 to km 1.200=1200m) in Narshingdi Sadar, Narshingdi.	Original 10.79 1 st Revised 11.82	Original 10.79 1 st Revised 11.82		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Wave Protection work along the Left bank of Old Brahmaputra Branch River and Left bank of Shitalakkha River at Lakhpur Bazar (from km 0.000 to km 1.077= 1077 m) Upazilla- Shibpur, Dist- Narshingdi.	Original 9.69 1 st Revised 8.75	Original 9.69 1 st Revised 8.75		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Bank Protective Work on the Right Bank of the Meghna Branch River at Sutkikandi Village from km 0.109 to km 1.410 = 1301m at Karimpur Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	Original 15.19 1 st Revised 64.47	Original 15.19 1 st Revised 64.47		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
10.	Pkg-10 (S.S. Engineering Construction Ltd.)	Wave Protection work along the Right bank of Arial kha River at Dogar Char Union to Relipara bazar (from km 5.000 to km 10.500= 5500 m) Upazilla- Raipura.	Original 28.41 1 st Revised 36.50	Original 28.41 1 st Revised 36.50		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Bank Protective Work on the Right Bank of the Meghna Branch River at Bakhar Nagar Village & Bazar from km 0.131 to km 0.455 = 324 m at Alokballi Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	Original 3.56 1 st Revised 9.37	Original 3.56 1 st Revised 9.37		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
		Bank Protective Work on the Right Bank of the Meghna Branch River at Murad Nagar Village & Bazar from km 0.455 to km 0.750 = 295 m at Alokballi Union, Upazilla- Narshingdi Sadar, Dist- Narshingdi.	Original 3.73 1 st Revised 10.49	Original 3.73 1 st Revised 10.49		Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023

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Ser	Pkg No & Contractor Name	Description of procurement (goods/work/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 DPP	Contract value	Invitation date	Contract signing/LC opening date	As per contract	Actual
1	2	3	4	5	6	7	8	9
11.	Pkg-10 (S.S. Engineering Construction Ltd.)	Bank Protective Work on the Right Bank of the Meghna Branch River at Murad Nagar Village & Bazar from km 0.750 to km 1.190 = 440 m at Alokballi Union, Upazilla-Narshingdi Sadar, Dist-Narshingdi.	Original 2.35 1 st Revised 12.10	Original 2.35 1 st Revised 12.10	Delegated to Bangladesh Army all the contractor were deployed by Bangladesh Army following their internal rules & regulation.	Original 16/03/2018 1 st Revised 30/06/2021	Original: Jun 2021 1 st Revised 30/06/2022	June 2023
12.	Pkg-11-A (Star Trading Corporation) Pkg-11-B (Matin Construction Ltd.)	Bank protection works on the left bank of Meghna River (Meghna branch river) at village Chramdhua in Chramdhua union in Raipura upazila of Narshingdi district. (Km 0.000 to Km 0.590 and Km 1.120 to Km 2.225 = 1695 m)	1 st Revised 85.66	1 st Revised 85.66		1 st Revised 11/04/2021	1 st Revised 30/06/2022	June 2023
13.	Pkg-12-A (Star Trading Corporation) Pkg-12-B (Mayami Enterprise) Pkg-12-C (Thea Enterprise) Pkg-12-D (M/S. Mahub Enterprise) Pkg-12-E (Doyal Enterprise & CDE Ltd. JV)	Bank protection works on the left bank of Meghna River (Meghna Branch River) in Saudagarkandi Village, Chandpur Union, Raipura Upazila, Narshingdi District. (km 0.000 to km 0.900 = 900 m)	1 st Revised 46.11	1 st Revised 46.11		1 st Revised 11/04/2021	1 st Revised 30/06/2022	June 2023
14.	Pkg-13-A (M/S. Sarker & Construction) Pkg-13-B (R.K. Buildup)	Bank protection work on the right bank of the Meghna Branch River at Bagargroth in Karimpur Union in Sadar Upazila of Narshingdi District. (km 0.000 to km 0.300 = 300 m)	1 st Revised 2.48	1 st Revised 2.48		1 st Revised 11/04/2021	1 st Revised 30/06/2022	June 2023
15.	Pkg-14-A (Babar Traders)	Re-Excavation of Arial Khan River Char Funnel (100m x 100m on both sides of the river) at the mouth of (Soil volume - 37087.26 cum)	1 st Revised 0.56	1 st Revised 0.56		1 st Revised 24/01/2021	1 st Revised 30/06/2022	June 2023
16.	Pkg-14-A (Babar Traders) Pkg-14-B (Native Technology Ltd.) Pkg-14-C (Parvez Enterprise.) Pkg-14-D (Combat Engineering Ltd.)	Re-Excavation of Haridoda River Mukh Char (450m x 400m) (Soil volume- 414609.39cum).	1 st Revised 6.50	1 st Revised 6.50		1 st Revised 24/01/2021	1 st Revised 30/06/2022	June 2023
17.	Pkg-15-A (M/S. M.R. Enterprise) Pkg-14-B (M/S. Tarif Enterprise)	Re-Excavation of upper part of river Meghna (from Old Thanaghat to Srinagar). (km 0.000 to km 5.700= 5.700 km)	1 st Revised 8.01	1 st Revised 8.01		1 st Revised 24/01/2021	1 st Revised 30/06/2022	June 2023
18.	Pkg-15-C (Inficom S.A. Construction BD Ltd.)	Re-Excavation of lower part of river Meghna (from Sluich Gate to Pykar char). (Km 4.000 to Km 10.100 = 6.100 km).	1 st Revised 8.46	1 st Revised 8.46		1 st Revised 24/01/2021	1 st Revised 30/06/2022	June 2023

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8.2. Use of Project Consultant (s) (Foreign / Local): No provision of deploying consultant in this Project.

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	N/A			
b) Local	N/A			

09. Construction / Erection / Installation Tools & Equipment:

Description of items	Quantity (As per DPP)	Quantity procured with date	Transferred to O & M with date	Deposed off as per rule with date	Balance	Remarks
1	2	3	4	5	6	7
Multimedia Projector/ Digital Camera	1x Projector & 2x Digital Camera	12-08-2018	Narsingdi O & M division, Date: 29-06-2023	-	1x Projector & 2x Digital Camera	Using at Narsingdi O & M division
Photocopier Machine	1 Nos	21-12-2021	Narsingdi O & M division, Date: 29-06-2023	-	1 Nos	Using at Narsingdi O & M division
Brand Computers & Laptop	3x Computers & 1x Laptop	09-05-2018	Narsingdi O & M division, Date: 29-06-2023	-	3x Computers & 1x Laptop	Using at Narsingdi O & M division
Printers.	2 Nos	10-06-2018	Narsingdi O & M division, Date: 29-06-2023	-	2 Nos	Using at Narsingdi O & M division

C. FINANCIAL AND PHYSICAL PROGRAMME:

10. (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
2016-17	2569.93	2569.93	-	5.14%	-	-	-	-
2017-18	16353.18	16353.18	-	32.68%	7500.00	7500.00	-	8.31%
2018-19	15828.92	15828.92	-	31.64%	12500.00	12500.00	-	13.84%
2019-20	11591.16	11591.16	-	23.17%	10500.00	10500.00	-	11.62%
2020-21	3684.99	3684.99	-	7.37%	36052.41	36052.41	-	39.90%
2021-22	-	-	-	-	23789.35	23789.35	-	26.33%
Total	50028.18	50028.18	-	100%	90341.76	90341.76	-	100%

10.(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
2017-18	7500.00	7500.00	-	8.31%	7500.00	7500.00	7500.00	-	8.31%
2018-19	12500.00	12500.00	-	13.84%	12500.00	12500.00	12500.00	-	13.84%
2019-20	10500.00	10500.00	-	11.62%	10500.00	10500.00	10500.00	-	11.62%
2020-21	8400.00	8400.00	-	9.30%	8400.00	8400.00	8400.00	-	9.30%
2021-22	12049.00	12049.00		13.34%	12049.00	12049.00	12049.00		13.34%
2022-23	35135.00	35135.00		43.59%	34856.62	34856.62	34856.62		42.09%
Total	86084.00	86084.00	-	100%	85805.62	85805.62	85805.62	-	98.50%

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D. ACHIEVEMENT OF OBJECTIVES OF THE PROJECT:

Objective as per DPP	Actual achievement	Reasons for shortfall, if any.
(a) To arrest river bank erosion and flood protective coverage by construction of river bank protective works	<p>(1) The bank protection works have got direct reflections on the demography of the project area. These bank protection works (are the critical infrastructure) have saved very good number of families living char (islands) from migration and becoming homeless as well.</p> <p>(2) Protective works got positive impact on environmental protection and climate change because of the correct methodology and use of environmental friendly protective work construction materials.</p> <p>(3) Protected the cultivable land various infrastructure like school, College, Mosque, temples, Eid Gah, Market area etc form which erosion has direct positive impact on socio economy activities of the whole area.</p> <p>(4) Construction of bank protective work will be considered as an indirect benefit to road communication to the people of the area.</p>	No shortfall
(b) To increase the conveyance capacity of Arialkha River, Haridoya River, Brahmaputra River(part of Narsingdi), Paharia River, Meghna Branch River and Old Brahmaputra Branch River and Brahmaputra River(part of Narayangonj) by Re-excavation.	<p>(1) Re-excavation increase the conveyance capacity of Arialkha River, Haridoya River, Brahmaputra River(part of Narsingdi), Paharia River, Meghna Branch River and Old Brahmaputra Branch River and Brahmaputra River(part of Narayangonj). Which has economic activities due to easy/free movements of various type of water vessels upto larger distance.</p> <p>(2) Due to water availability in the rivers during dry season has reduce the cost of irrigation of the cultivate areas.</p> <p>(3) Excavated spoil earth has played a big role in filling up. The low lands, play for markets, schools, colleges, will various governments and non-government organization with free cost.</p>	(b) Maintenance dredging must be implemented every year so that the flow intake capacity should not be reduced due to the siltation. Also, water pollution needs to be controlled & concern agencies should enforce law & order strictly.
(c) The Project is to sustain socio-economic enhancement and safety of natural security in vast tract of area under Narshingdi and Narayangonj.	(d) The existing Arialkha River, Haridoya River, Brahmaputra River, Paharia River, Meghna Branch River and Old Brahmaputra Branch River were no-flow or dead river for a long time. The implementation of the dredging and re-excavation works under the project have made the rivers live and flowing with significant discharge. This is one of the main reasons to improve the overall economic, social and environmental condition of the project area.	No shortfall

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E. BENEFIT ANALYSIS:**01. Annual Out-put:**

Items of out-put	Unit	Estimated quantity expected at full capacity	Actual quantity of out-puts during the 1 st year of operation at full capacity (or during real production for newly completed project)
1	2	3	4
Agriculture/Paddy Production	Mt.	435263.15	This Project has just been completed. Actual output value can be assessed after a year from completion.
Fisheries Resource	Mt.	190	

02. Cost/ Benefit:

Item	Estimated	Actual
(1) Benefit cost of the project		It will be evaluated later by concern directorate of BWDB & IMED.
(i) Financial	3.30:1.00	
(ii) Economic	2.23:1.00	
(2) Internal rate of return		
(i) Financial	37.75%	
(ii) Economic	25.10%	

03. Please give reason for shortfall, if any, between the estimated and actual benefit: No Shortfall.**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:			
Muhammad Nazrul Islam, Bir Protik, PM Hon'ble State Ministry, MoWR (During the visit, the Additional Director General (Eastern Region), BWDB; the Chief Engineer Central Zone, BWDB and Project director, BRRP and Chief Engineer, Design, BWDB, Dhaka was present at site of the project.	28/08/2018	Nil	
Zakir Hossain Akanda Secretary at Ministry of Planning & Member, Planning Commission	02/08/2020	Nil	
Kabir Bin Anwar Senior Secretary, MoWR.	Several times	Nil	
Mohammad Yousuf Additional Secretary, MoWR	Several times	Nil	
Nazmul Ahsan Secretary, MoWR.	08/02/2023	Nil	
Mantu Kumar Biswas Joint Chief (Planning), MoWR.	07/01/2022	Nil	
Mahmudul Islam Additional Secretary, MoWR	Several times	Nil	
S.M. Razaul Mostafa Kamal Additional Secretary, MoWR	Several times	Nil	
Fazlor Rashid Director General, BWDB	18.10.2022	Nil	

Name & Designation of the inspecting official	Date of inspection	Identified Problems	Recommendations
Akhil Kumar Biswas Chief Engineer, Central Zone, Dhaka, BWDB.	Several times	Nil	
(b) IMED:			
Lasmi Chakma Assistant Director, IMED	11/06/2019	Nil	
Khalil Ahmed Director (Deputy Secretary), IMED	13/05/2022	Nil	Although earlier once 1st Revised DPP approval time was extended by 01 year till 30th June, 2022 but only due to insufficiency of financial availability it could not be implemented on schedule. On the basis of on-site inspection and overall situation at the field level and the information received from the ministry, the duration of the project can be extended by 01 (one) year i.e. up to 30 June/2023 without increasing the cost.
(c) Others (Please specify):			
BA-2503 Maj Gen Md Siddiquir Rahman Sarker,SGP,BGBM,PBGM, hdmc,psc, E-in-C, Bangladesh Army	28/04/2018	Nil	
BA-3239 Maj Gen Ibne Fazal Shayekhuzzaman, BSP,afwc, psc, E-in-C, Bangladesh Army	Several times	Nil	

02. Auditing During and after Implementation:

2.1. Internal Audit:

Period of Audit	Date of submission of Audit Report.	Major findings/ objections	Whether objection resolved or not.
1	2	3	4
2017-2018	11 October 2018	Nil	Nil
2018-2019	06 November 2019	Nil	Nil
2019-2020	28 September 2020	Nil	Nil
2020-2021	13 October 2021	Nil	Nil
2021-2022	23 November 2022	Nil	Nil
2022-2023	12 September 2023	Nil	Nil

2.2. External Audit:

Audit Period	Date of submission of Audit Report.	Major findings/objections	Whether objection resolved or not.
1	2	3	4
Audit has been executed during the project FY 2017-2023. There are no objection. Audit has been done O&M Division Narshingdi.			

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G. DESCRIPTIVE REPORT

01. General Observations/Remarks of the Project on:

1.1. Background:

The water resources management in Bangladesh plays a determining role in maintaining our ecological balance. The balance between man and nature in riverine Bangladesh rests inventively on the year-round sweet water flow through the main rivers and tributaries/ distributaries. But illegal human intervention along the riverbed has caused severe detrimental effects. This has not only adversely affected the navigability in riverine routes but also the declining of carrying capacity of rivers has led to the natural hazards of either floods or desertification.

During monsoon, the croplands, road, various installation including homesteads are submerged by overtopping flood water of the various rivers of Narshingdi. Due to the flood event huge damages are occurred in the crops of educational institutions, Mosques, Madrassas, homesteads, villages, markets and trade centers. The people are badly affected due to the floods. As a result the agriculture production drastically reduced causes increase poverty.

More over, the flood water inundated low lying area and create water logging in the area. The water of these river also become polluted due to industrial discharge, the indiscriminate disposal of toxic chemicals and the dumping of human waste into rivers. In addition, due to hydraulic and morphological changes in the rivers around Narshingdi and Narayanganj, the conveyance capacity of those rivers have been decreased, causing no flow condition during the dry season and consequently the navigation drafts have been reduced. Fisheries and aquatic life are also in danger for the cause of river pollution and lack of dredging. Based on that feasibility study BWDB was taken up the project.

1.2. Justification/Adequacy:

The water resources management in Bangladesh plays a determining role in maintaining our ecological balance. The balance between man and nature in riverine Bangladesh rests inventively on the year-round sweet water flow through the main rivers and tributaries/ distributaries. But illegal human intervention along the riverbed has caused severe detrimental effects. This has not only adversely affected the navigability in riverine routes but also the declining of carrying capacity of rivers has led to the natural hazards of either floods or desertification. Due to the flood event huge damages are occurred in the crops of educational institutions, Mosques, Madrasas, homesteads, villages, markets and trade centres. The people are badly affected due to the floods. As a result the agriculture production drastically reduced causes increase poverty.

The water of these river also become polluted due to industrial discharge, the indiscriminate disposal of toxic chemicals and the dumping of human waste into rivers. In addition, due to hydraulic and morphological changes in the rivers around Narshingdi and Narayanganj, the conveyance capacity of those rivers have been decreased, causing no flow condition during the dry season and consequently the navigation drafts have been reduced. Fisheries and aquatic life are also in danger for the cause of river pollution and lack of dredging. The project area also suffers from better road communication. Construction of embankment and Bank protective work will be considered as an indirect benefit to road communication to the people of the area. Women and children are most vulnerable to any types of disaster.

The Post project condition will improve agricultural activities. Also, employment opportunity for women will be enhanced at the construction phase of the project. The project will provide significant employment opportunities due to creation of navigational facilities. As wages increase, consumption of daily food and other necessities by poor households will also increase, thereby reducing the extent of poverty line in the project

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area. The Project is to sustain socio-economic enhancement and safety of natural security in vast tract of area under Narshingdi and Narayanganj. The most affected groups, being daily laborer, will be directly benefited from enhanced employment in construction works, other related works as well as expanding agricultural and Fisheries sector. In addition to that due to improvement of water pollution diseases will be reduced and there by expenditure for health and treatment will be minimized. Thus, the hardline poverty will be alleviated by virtue of both increase in income and employment.

1.3 Objectives:

- ❖ To arrest river bank erosion and flood protective coverage by construction of river bank protective works.
- ❖ To increase the conveyance capacity of Arialkha River, Haridoya River, Brahmaputra River(Part of Narshingdi), Paharia River, Meghna Branch River and Old Brahmaputra Branch River and Brahmaputra River(Part of Narayanganj) by Re-excavation.
- ❖ The Project is to sustain socio-economic enhancement and safety of natural security in vast tract of area under Narshingdi and Narayanganj.

1.4 Project Revision with Reasons:

The full length (17.305 km) dredging work needs to be included as the benefits of dredging cannot be achieved by segmental dredging (5.5 km) in Meghna Branch River. Moreover, 2.895 km of river bank protection works have been newly incorporated at 3 high-risk locations out of 8 critical locations threatened by erosion in the Meghna River. The need for RDPP arises due to the addition of new parts to the project, changes in the design, length, length of dredging and excavation of some parts, and changes in the cost of components.

1.4 Rationale of the Project in Respect of Concept, Design, Location and Timing.

The Project will directly increase agricultural and fish production in the area. Thus, the hardline poverty will be alleviated by virtue of both increase in income and employment. The most affected groups, being daily laborers, will be directly benefited from enhanced employment in construction works, other related works as well as expanding agricultural sector. The project will provide significant employment opportunities due to creation of navigational facilities. As wages increase, consumption of daily food and other necessities by poor households will also increase, thereby reducing the extent of poverty line in the project area. In addition to that due to improvement of water pollution diseases will be reduced and there by expenditure for health and treatment will be minimized.

03. Brief Description on Planning and Financing of the Project and Its Applicability.

a) Project Identification:

The water resources management in Bangladesh plays a determining role in maintaining our ecological balance. The balance between man and nature in riverine Bangladesh rests inventively on the year-round sweet water flow through the main rivers and tributaries/ distributaries. But illegal human intervention along the riverbed has caused severe detrimental effects. This has not only adversely affected the navigability in riverine routes but also the declining of carrying capacity of rivers has led to the natural hazards of either floods or desertification. Based on that feasibility study BWDB was taken up the project.

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b) Project Preparation:

Project formulation a Technical Committee was formed by BWDB to provide a Technical Report regarding this project. The committee visited the project area and submitted the report with specific recommendation. The committee recommended for Main components of the project were Construction of 231.200 km Re-excavation work, wave protection work in the Meghna River a length of 22.204km and bank protection work 1.150 km in Meghna river. DPP with total estimated cost of TK. 51303.83 lakh has been recast according to the decision of the DPP Rationalization Meeting held on 08-06-2016 in the MoWR.

c) Appraisal:

The appraisal meeting was held on 12/12/2016 at Planning Commission. As per decision of appraisal meeting the DPP was corrected and sent to the Ministry of Planning for approval of the above project.

d) Credit Negotiation: Not Applicable.

e) Credit Agreement: Not Applicable.

f) Credit Effectiveness: Not Applicable.

g) Loan Disbursement: Not Applicable.

h) Loan Conditionality: Not Applicable.

i) Project Approval:

The DPP of the project had been approved by ECNEC on 11.07.2017 consisting of total project cost BDT 50028.18 Lakhs and project implementation period from January, 2017 to June, 2021. The DPP was revised length (17.305 km) dredging work, Meghna Branch River 2.895 km of river bank protection works, The need for RDPP arises due to the project, changes in the design, length, length of dredging and excavation of some parts, and changes in the cost of components. The RDPP of the Project approved by ECNEC on 01.12.2020 with a cost of tk. 90341.76 lakh for implementation period January/2017 to June/2022. The Project implementation cost is tk. 90341.76 lakh and implementation period January/2017 to June/2022.

j) 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.

After complementation of the project major repair/rehabilitation works will be accomplished from regular O&M budget of BWDB.

4.4 Impact of the project.

- ❖ Improved navigability on augmented river route.
- ❖ Positive impact on fishers & agriculture.





4.4.2. **Indirect.**

- Environmental up gradation.
- Safety of human livelihood and properties.
- Improvement of socio-economic condition.

4.5. **Transfer of Technology and Institutional Building through the project.**

Not Applicable.

4.6. **Employment generation through the project.**

A large number of skilled/ unskilled workers were employed during construction period. Local workers and suppliers were closely involved in construction works.

4.7. **Possibility of Self-employment.**

There are possibilities of self-employment as existing commercial, industrial and business center are protected from river bank erosion and the environmental degradation.

4.8. **Possibility of women-employment opportunity.**

Yes, there are possibilities of women-employment through the project which benefited area enhanced.

4.9. **Women's participation in development.**

Local village women are becoming self-entrepreneur.

4.10. **Probable Impact on Socio-Economic activity.**

By protecting the river bank erosion, various infrastructures are saved from the erosion. As a result socio-economic balance in the locality is enhanced.

4.11. **Impact on environment.**

Environmental enhancement is achieved through the implementation of the project.

4.12. **Sustainability of the project.**

The project is sustained but requires periodic maintenance.

4.13. **Contribution to poverty alleviation/reduction.**

The project has direct contribution and impact on poverty alleviation/reduction.

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

Positive.

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

Not Applicable.



05. **Problems Encountered During Implementation (with duration & steps taken to remove those)**

Project Management	: N/A.
Project Director	: N/A.
Land Acquisition	: Not to required.
Procurement	: N/A.
Consultancy	: N/A.
Contractor	: N/A.
Manpower	: N/A.
Law & Order	: N/A.
Natural Calamity	: Erosion at Charmadhua, Sawdagarkandi & Shutkikandi Area. As Per New Design Completed the Eroded Area Protective works.
Project Financing, Allocation and Release	: Although earlier once 1st Revised DPP approval time was extended by 01 year till 30th June, 2022 but only due to insufficiency of financial availability it could not be implemented on schedule.
Design Formulation/Approval	: N/A.
Project Aid Disbursement and Re-imburement	: N/A.
Mission of the Development Partners.	: N/A.
Time & Cost Over-run	: As mentioned in B-01 & B-02.
Project Supervision/Inspection	: N/A.
Delay in Decision	: N/A.
Transport	: N/A.
Training	: N/A.
Approval	: N/A.
Others	: N/A.

06. **Remarks & Recommendations of the Project Director:**

The water resources management in Bangladesh plays a determining role in maintaining our ecological balance. The balance between man and nature in riverine Bangladesh rests inventively on the year-round sweet water flow through the main rivers and tributaries/ distributaries. But illegal human intervention along the riverbed has caused severe detrimental effects. This has not only adversely affected the navigability in riverine routes but also the declining of carrying capacity of rivers has led to the natural hazards of either floods or desertification.

During monsoon, the croplands, road, various installation including homesteads are submerged by overtopping flood water of the various rivers of Narshingdi. Due to the flood event huge damages are occurred in the crops of educational institutions, Mosques, Madrassas, homesteads, villages, markets and trade centres. The people are badly affected due to the floods. As a result the agriculture production drastically reduced causes increase poverty.

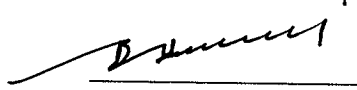
The existing Arialkha River, Haridoya River, Brahmaputra River, Paharia River, Meghna Branch River and Old Brahmaputra Branch River were no-flow or Dead River for a long time. Present project has been formulated to construct of 234.855 km River Re-excavation work a "Re-excavation of Arialkha River, Haridoya River, Brahmaputra River, Paharia River, Meghna Branch River and Old Brahmaputra Branch River Project under Narshingdi District. The implementation of the dredging and re-excavation works under the project has made the rivers live and flowing with significant discharge. This is one of the main reasons to improve the overall economic, social and environmental condition of the project area.

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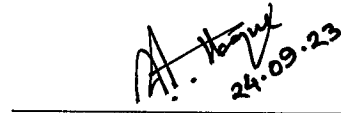
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Wave Protection work in the Meghna Branch River to length of 22.804 km and Bank Protection work in the Meghna River to length of 5.255 km. Construction of Bank protective work will be considered as an indirect benefit to road communication to the people of the area.

Recommendation: Proper Monitoring is required so that, local or any source cannot misuse the bank protection work which will harm the construction. Regular periodic repair & maintenance works should be continued as and when required. For harvesting long term benefits of dredging work, BWDB should monitor the rivers about flow of water, pollution, encroachment and siltation which can be easily done by using TBM Apps and maintenance dredging work.



Sheikh Ahmed Shafi
Lieutenant Colonel
25 Engineer Construction Battalion,
&
Project Director
On behalf of Bangladesh Army.



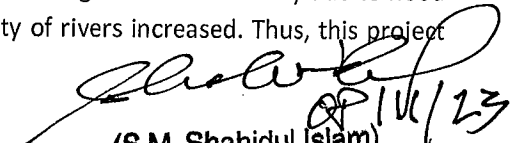
Dewan Ainul Haque
Superintending Engineer (Civil)
Dhaka O & M Circle
BWDB
&
Project Director
On behalf of BWDB.

Date: 24/09/2023

Signature and Seal of the Project Director

07. **Remarks/ Comments of Agency Head.**

The aim of this project was to arrest river bank erosion and increase conveyance capacity of Arial Kha, Haridoya, Brahmaputra, Paharia, Meghna branch and Old Brahmaputra Branch River in Narshingdi and Narayanganj district. This project was delegated to 24 Engineer Construction Brigade, Bangladesh Army. Total 22.804 km of wave protection work, 5.255 km river bank protection work and 234.855 km dredging/re-excavation was done under this project. The implementation of protective work as well as wave protection work has stopped river bank erosion thus providing safety to the people living in project area. Submergence of the locality due to flood water has been mitigated in the project area as the conveyance capacity of rivers increased. Thus, this project can be regarded as successful one.



(S.M. Shahidul Islam)
ID NO: 650307001
Director General
BWDB, Dhaka.

Date:...../...../2023

Signature and Seal

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

The Project has been completed successfully with the objective to protect the river bank erosion and also increase the conveyance capacity of the rivers.

Date:...../...../2023

Signature and Seal.

