

The Government of the People's Republic of Bangladesh,
Ministry of Shipping

Bangladesh Inland Water Transport Authority (BIWTA)

The World Bank



MONTHLY PROGRESS REPORT MARCH 2025

**Consultancy Services for Supervision and Monitoring of Performance-Based Dredging
Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids
along the Navigational Routes under the Contract**

**Bangladesh Regional Waterway Transport Project-1
BRWTP-S1A**



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EXECUTIVE SUMMARY

Background

The Bangladesh Regional Waterway Transport Project-1 (BRWTP-1), supported by the World Bank, aims to enhance the navigability and sustainability of the Dhaka-Chittagong corridor's river routes through capital and maintenance dredging. The project is being implemented by the Bangladesh Inland Water Transport Authority (BIWTA) under the Ministry of Shipping. Supervision and monitoring are being carried out by the S1A Consultant (JPZ-DEMAS-JCL) since December 2022, under Output and Performance-Based Contracts (OPBC).

The dredging works are divided into two major Lots:

- **Lot-2**, awarded to **GULF-COBLA-KARNAFULY JV**, covers Routes 3, 4, 5, 6, 7, 8, 9, 10, and 11.
- **Lot-3**, awarded to **DHARTI-BANGA JV**, covers Routes 12, 13, 13a, 15, 16, 17, and 21.

Progress Highlights during the reporting period March-2025

Dredging Work

- Lot-2 has dredged 27,123 cubic meters on Route 11 during this reporting period. Additionally, they have dredged on Route 5 using a long boom excavator; however, the volume is yet to be assessed, pending the post-hydrographic survey. The overall progress up to this reporting period is approximately 8%, which is expected to increase slightly after the survey on Route 5 is completed. No dredging activities have been carried out on the other routes under Lot-2. The progress remains very poor as they could not commence dredging on Route 9 due to the delayed deployment of a smaller-diameter dredger.
- Lot-3 has dredged 73,709 cubic meters on Routes 16 and 21 during this reporting period. The overall progress stands at approximately 62%.
- Hydrographic surveys on Routes 16, 21, and 13 have been conducted throughout March 2025 under Lot-3.

Hydrographic Monitoring Survey by S1A Consultant

- Monitoring hydrographic surveys on Routes 6, 7, 8, and 11 were carried out throughout March 2025 under Lot-2.
- Monitoring hydrographic surveys on Route 21 were carried out throughout March 2025 under Lot-3.

Navigational Aids

- All installed navigational aids in Lot-2, including the Remote Monitoring System, were found to be functional during March 2025.
- Two lighted tower beacons along Route 21 (Lot-3) were reported lost by the Lot-3 contractor and were subsequently reinstalled. This type of incident cannot be monitored remotely, as the Lot-3 contractor has not installed the Remote Monitoring System to date.

Environmental and Social Safeguards

- Environmental monitoring in both Lots indicated no adverse impact on air quality, water quality, underwater noise, or aquatic fauna during dredging.
- Aquatic fauna surveys recorded rich biodiversity, including 25 fish species and 4 crustacean species in Lot-3, and 23 fish species and 2 crustacean species in Lot-2.

- No significant sightings of endangered species, such as Ganges River Dolphins or freshwater turtles, were reported.

Disposal Sites and Dike Management

- Lot-2: Four dikes were constructed on Route 11 during March 2025.
- Lot-3: One dike was constructed on Route 16, and two dikes were constructed on Route 21 on government and fallow land during this reporting period.

Social Consultations and Land Use

- Public consultations were held at both community and local government levels to address land use and environmental concerns.
- Government fallow land was preferred for dike construction to minimize disruption to private land and agricultural activities.
- Lessons learned from Phase I have been applied to improve dike management and disposal planning in Phase II.

Grievance Redress and Safeguards

- No grievances or GBV/SEA/SH incidents were reported in March 2025.
- Workers' health and safety conditions were found to be satisfactory, based on field observations and monitoring data.

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ABBREVIATION

AILA	Association of International Lighthouse Authorities
ASCII	American Standard Code for Information Interchange
BIWTA	Bangladesh Inland Water Transportation Authority
BM	Bench Mark
BRWTP	Bangladesh Regional Waterway Transport Project I
BWDB	Bangladesh Water Development Board
CD	Chart Datum
CEAP	Contractor's Environmental Action Plan
CSD	Cutter Suction Dredger
DC	District Commissioner
EIA	Environmental Impact Assessment
EMP	Environment Management Plan
ESHS	Environment, Social, Health and Safety
ESMP	Environment and Social Management Plan
GBV	Gender-Based Violence
GIS	Geographic Information System
GPS	Global Positioning System
GRC	Grievance Redress Committee
GRM	Grievance Redressal Mechanism
HSE	Health and Safety Expert
IALA	International Association of Marine Aids and Lighthouse Authorities
IBC	Idle Berthing Centre
ID	Identity
IHO	International Hydrographic Organization
IWT	Inland Water Transport
JPZ	Jurutera Perunding Zaaba
JV	Joint Venture
LAD	Least Available Depth
LLW	Lowest Low Water
MOEF	Ministry of Environment, Forest and Climate Change.
MSL	Mean Sea Level
NID	National Identity
OPBC	Output and Performance-Based Contract
PC Poles	Pre-Stressed Concrete Poles
PIU	Project Implementation Unit
RAP	Resettlement Action Plan
RCC	Reinforced Cement Concrete
RTK-GPS	Real-Time Kinematic- Global Positioning System
SOB	Survey of Bangladesh
TBM	Temporary Bench Mark
UTM	Universal Transverse Mercator
VSS	Vessel Storm Shelter
WB	World Bank
WGS	World Geodetic System

CHAPTER 01: PROJECT DESCRIPTION IN A BRIEF

1.1 BASIC INFORMATION

Project Title	:	Consultancy Services for Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract
Source of Funding	:	The World Bank
Contract No.	:	BRWTP-S1A
Employer	:	Bangladesh Inland Water Transport Authority (BIWTA)
Consultant	:	JPZ-DEMAS-JCL JV
Date of signing the contract	:	21 st December 2022; Duration of Contract 66 months
Date of Commencement	:	6 th December 2022; Duration 66 months
Total Routes	:	12 (Twelve)
Phases		Phase I: 18 Months, Phase II: 12 Months, Phase III: 36 Months
Route Nos. under dredging activities	:	Lot-2: 3 & 4, 5, 6, 7 & 8, 9, 10, 11 Lot-3: 12, 13 & 13a, 15 & 16, 17, 21

1.2 LOT-2

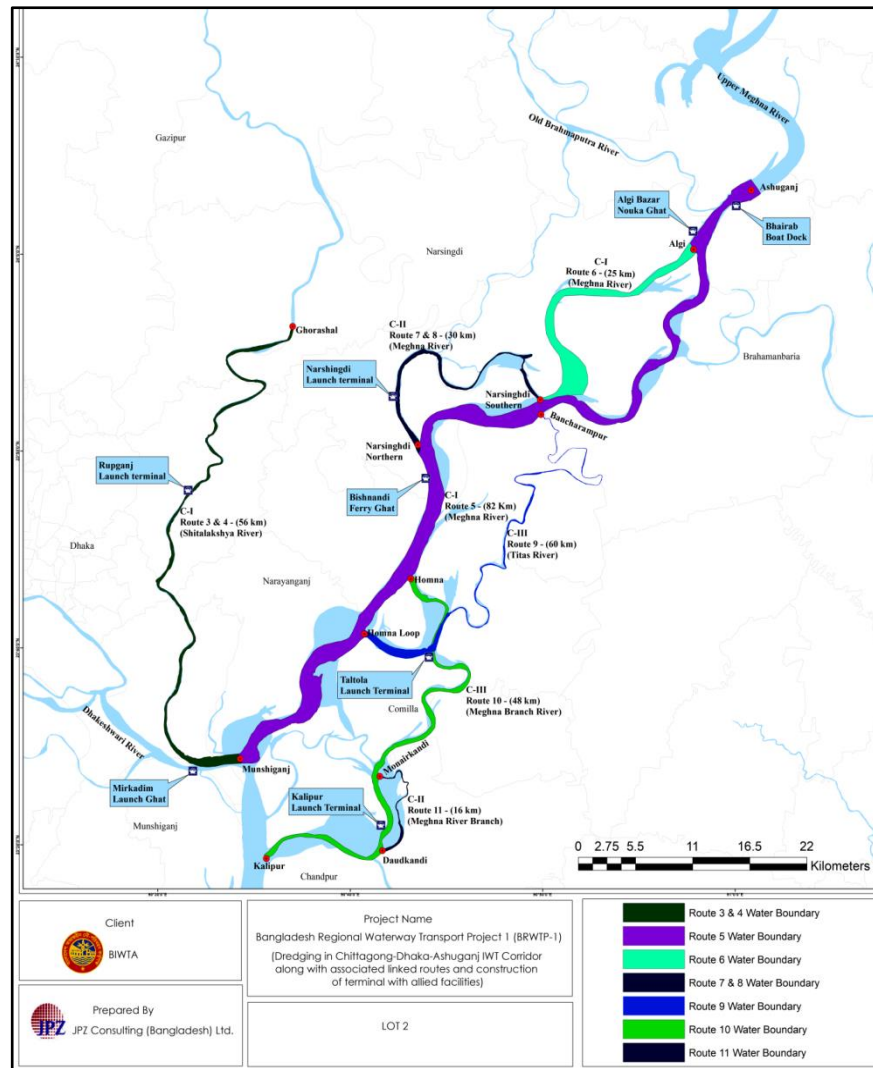


Figure 1: River Boundary Lot-2

Table 1: River Routes Lot-2

Class	Route No	River/location	Length (Km)	Average width (m)	Shoal Length (km)
I	3 & 4	Shitalakshya (From Ghorashal to Munshiganj)	56	400	-
I	5	Meghna (From Ashuganj to Munshiganj)	82	1200	-
I	6	Meghna (Nabinagar Loop joining Route-5)	25	850	1.5
II	7 & 8	Meghna (Narsingdi Northern & Southern approaches)	30	450	5.8
III	9	Meghna (Bancharampur - Homna Loop)	60	180	19.5
III	10	Meghna (Homna-Doutkandi approach)	48	400	-
II	11	Gumti (Meghna loop approaching Dautkandi)	16	300	1.60
Total			317		28.40

1.3 LOT-3

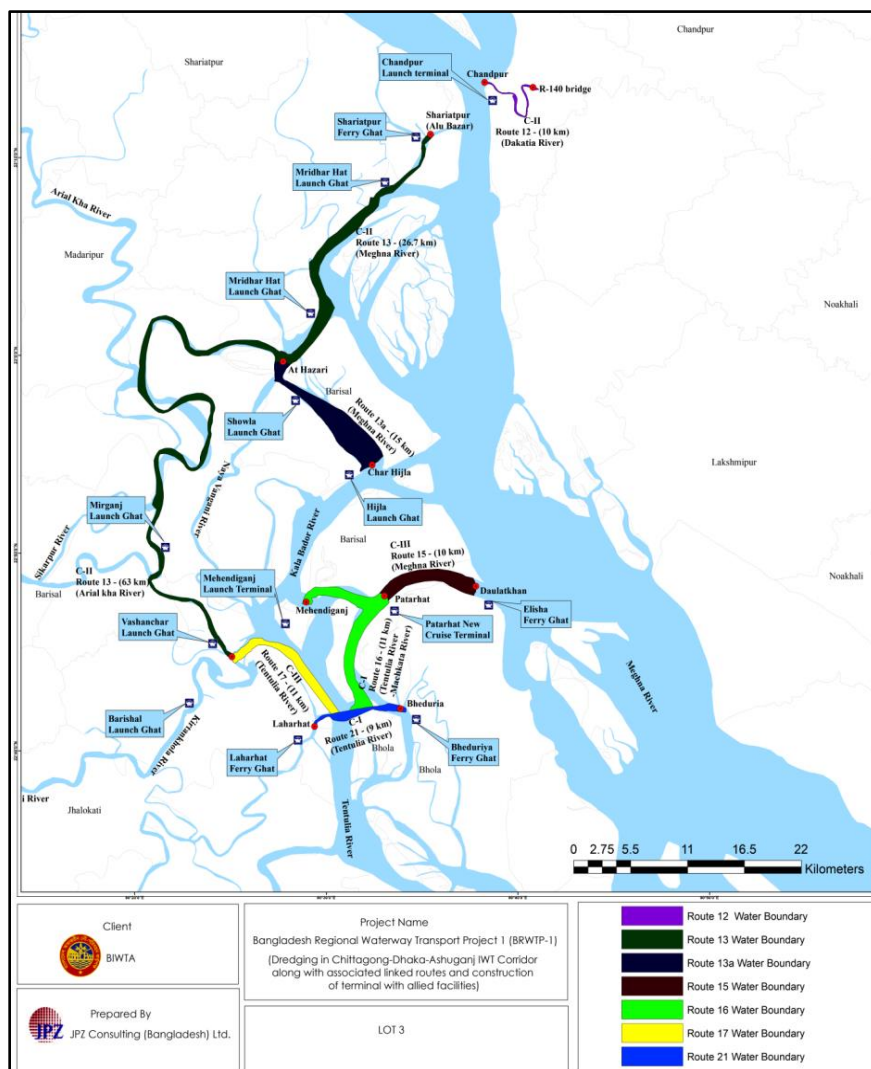


Figure 2: River Boundary, Lot-3

Table 2: River Routes Lot-3

Class	Route No	River/location	Length (Km)	Average width (m)	Shoal Length (km)
II	12	Dakatia (Chandpur to Gastola Bridge)	10	400	-
II	13	Meghna and Arial Khan (Shariatpur-Bheduria)	89.7	1200	-
II	13a	Meghna (Looping root Inside Char Hisla)	15	850	-
III	15	Meghna/ Tentulia (Patarhat-Daulatkhan)	10	450	-
I	16	Meghna/Tentulia (Mehendiganj-Bheduria)	19.6	180	2.1
III	17	Tentulia (Bheduria -Bhashanchar)	11	400	-
I	21	Tentulia (Bheduria -Laharhat)	9	300	2.3
Total			164.3		4.4

CHAPTER 02: SALIENT FEATURES & MONTHLY PROGRESS

2.1 PROGRESS OF BRWTP-S1A:

2.1.1 Development and Maintenance Dredging Works and Monitoring Survey Records:

2.1.1.1 Dredging Status of Lot-2 (Up to March 2025)

As of March 31st, 2025 **Lot-2** has achieved a cumulative dredging volume of **42,578.58 cubic meters**. Hydrographic and monitoring surveys were conducted on Routes 05, 06, 07, 08, 09, and 11.

Table 3: Month-wise Dredging Volume at Lot-02 River Routes in Phase II timeframe

Volume in Cubic Meter

Route No.	Jan-25	Feb-25	Mar-25	Total	Dredging Start Date
Route-05, Meghna (Ashuganj to Munshiganj), Ashuganj Cargo Terminal Area.	806	1600	-	2806	25/01/2025
Route-09, Meghna (Bancharampur-Homna Loop).	-	3561	000	3561	10/2/2025
Route-11, Gumti (Meghna loop approaching Dautkandi)	-	8545	27,123	36211.58	19/02/2025
Total	806	13706	27,123	42578.58	

Hydrographic survey activities are being carried out as part of the monitoring process to ensure the effectiveness and accuracy of the dredging operations. The survey work is conducted by S1A Consultant in collaboration with Ahydtech to assess water depth, sediment levels, and overall navigability.

Table 4: Monitoring hydrographic Survey Work Done by S1A Team in the Month of March 2025

River Route	Location	Chainage completed	Survey done on dated	Comments
Route 11	Gumti (Meghna loop approaching Dautkandi)	0+000 to 13+110	27-February 2025 to 03-March 2025	
Route 07&08	Meghna (Narsingdi Northern & Southern approaches).	0+000 to 28+000	11-March 2025 to 13-March 2025	
Route 06	Meghna (Nabinagar Loop joining route-05)	0+000 to 27+100	11-March 2025 to 13-March 2025	

2.1.1.2 Dredging Status of Lot-3 (Up to March 2025)

The estimated BOQ volume for capital dredging under Phase-II was 777,715 cubic meters. However, based on the Joint Pre-Survey verified through a hydrographic survey, the actual volume was determined to be 778,135 cubic meters. This revised volume has been agreed upon by the S1A Consultant and the Contractor and has been submitted to the PIU for approval. As of March 2025, the dredging volume completed is approximately 73709 cubic meters.

Table 5: Month-wise Dredging Volume at Lot-03 River Routes in Phase II timeframe

Volume in Cubic Meter

Route No.	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Total	Dredging Start Date
R-13 (Alubazar – Horina)	-	22,400	28,500	4,700	15,700	Dredging Completed	71,300	25/11/2024
R-16 (Patarhat – Bheduriya)	-	-	-	20,822	15,997	29,828	66,647	29/01/2025
R-21 (Laharhat – Bheduriya)	74,814	69,686	110,370	25,641	22,416	43,881	3,46,808	10/10/2024
Total	74,814	92,086	138,870	51,163	54,113	73,709	4,84,755	-

Source: S1A Field Information

Table 6: Survey Work Done by S1A Team in the Month of March 2025

Survey work	Route 21	Route 16	Route 13	Comments
Engineering survey work for phase-II:	Location: Meghna (Alubazar-Horina) Chainage completed: 3+650 to 4+200 Survey done on dated: 01 March 2025	-	-	
Hydrographic survey work for phase-II:	Location: Tetulia (Laharhat to Bheduriya) Chainage completed: 7+570 to 8+500 Survey done on dated: 01 March 2025	Location: Tetulia (Patarhat to Bheduriya) Chainage completed: 0+000 to 1+800 Survey done on dated: 02 March 2025	Location: Meghna (Alubazar-Horina) Chainage completed: 3+650 to 4+200 Survey done on dated: 04 March 2025	

Source: S1A Field Information

2.1.1.3 Status Report on Navigational Aids Installation at Dredging Sites during March 2025:

During this reporting period, weekly meetings were held with the Project Coordinator (BRWTP-S1A) and the Consultant Team (S1A) to review project progress. All Aids to Navigation installed under Lot 02 were monitored using the integrated Remote Monitoring System and were found to be functioning satisfactorily. On March 29, 2025, the contractor for Lot 03 reported damage to two newly installed Lighted Tower Beacons along the Laharhat-Bhedhuria Route. Immediate measures were taken to reinstall the damaged beacons to ensure uninterrupted navigation. Overall, the team continues to ensure the effective operation and maintenance of all installed navigational aids.

2.2.2 Environmental Quality Assessment:

The S1A team reviewed the environmental data provided by the Contractors' monitoring team. For this month (March 2025), monthly monitoring was conducted at River Route-11Gumti (Meghna Loop Approaching Daudkandi) under Lot 2, as well as River Route-16 Meghna/Tentulia (Mehendiganj-Bheduria) and River Route-21 Tentulia (Bheduria -Laharhat) under Lot 3. The details of the sample collection locations (Annex- VI: Location Map) are presented in the table below:

Table 7: Sample Collection Locations in March 2025

Month	Environmental Variables.	Lot2	Lot-3
		River Name and Sample Collection Location	River Name and Sample Collection Location
March 2025	Ambient air quality in and around the dredging site	River Route-11 Gumti (Meghna loop approaching Daudkandi) Near Nouka Ghat, Daudkandi	River Route-16 Meghna/Tentulia (Mehendiganj-Bheduria) and River Route-21 Tentulia (Bheduria)
	Noise level quality assessments		

Month	Environmental Variables.	Lot2	Lot-3
		River Name and Sample Collection Location	River Name and Sample Collection Location
	Underwater Noise Level		-Laharhat)
	Surface Water Quality		
	Riverbed Sediment		
	Dredged Material		
	Aquatic Fauna (Fish, Dolphin, Turtle)		

Monitoring data and observations suggest that, during the reporting period, the dredging operations had no noticeable adverse effects on the surrounding environment. Key parameters, including water quality, ambient noise levels, air quality, and overall health and safety conditions, remain unaffected. A follow-up meeting with the Lot 2 and Lot 3 ESHS staff was held regarding updating and submission of the CEAP.

2.2.3 Social and Resettlement Aspects:

Lot-2

A total of 85 disposal sites have been identified in Lot-2 areas up to March 2025. In Phase II, a total of eleven (11) dikes have been completed and constructed, as detailed in Annex III

Lot-3

A total of 33 disposal sites have been identified in the Lot 3 areas up to March 2025. During the Phase-II reporting period, a total of Seven (10) disposal sites have been identified in Lot 3 areas, as detailed in Annex III covering 2411 decimals of Government Khas land and fallow land.

Three sites have been identified by S1A for dredged material disposal during this reporting period. The details are provided in the table below. The areas prepared for dredging initiation in March include R21-D23 Ext, R21-D25, and R16-D4. Each site is specified with its coordinates (EASTING and NORTHING), approximate area, elevation, and containment capacity. The designated land types primarily consist of non-cultivable fallow lands and low-lying areas, ensuring minimal impact on agricultural land. The total containment capacity of these dikes is estimated to be 59,228 cubic meters.

Table 8: Dikes Scheduled for Dredging Initiation by March 2025

Disposal Area	EASTING	NORTHING	Area (approx.)	Height (approx.)	Contain Capacity	Land Type	Distance from RB	Location
R21-D23 Extension	248238	2511521	9849 m2	1.5 m	14773 m3	non-cultivable fallow land	200m meter offset.	Sreepur, Mehandiganj, Barisal
	248387	2511496						
	248227	2511421						
	248385	2511338						
R21-D25	248456	2511492	2970 m2	1.5 m	4455 m3	non-cultivable fallow land	200m meter offset	Sreepur, Mehandiganj, Barisal
	248566	2511498						
	248460	2511458						
	248572	2511468						
R16-D4	245792	2523937	20000 m2	2 m	40000 m3	low land and non-cultivable		Sadquepur village, Mehandiganj Barisal, Bank of Maskata River
	245960	2524040						
	246028	2523987						
	245952	2523892						
			32,819 m2	5 m	59228 m3			



Figure 3: Location and Image of New Dredge Material Disposal Area No. 4 on River Route 16 (Patarhat-Bheduria R16-D4)

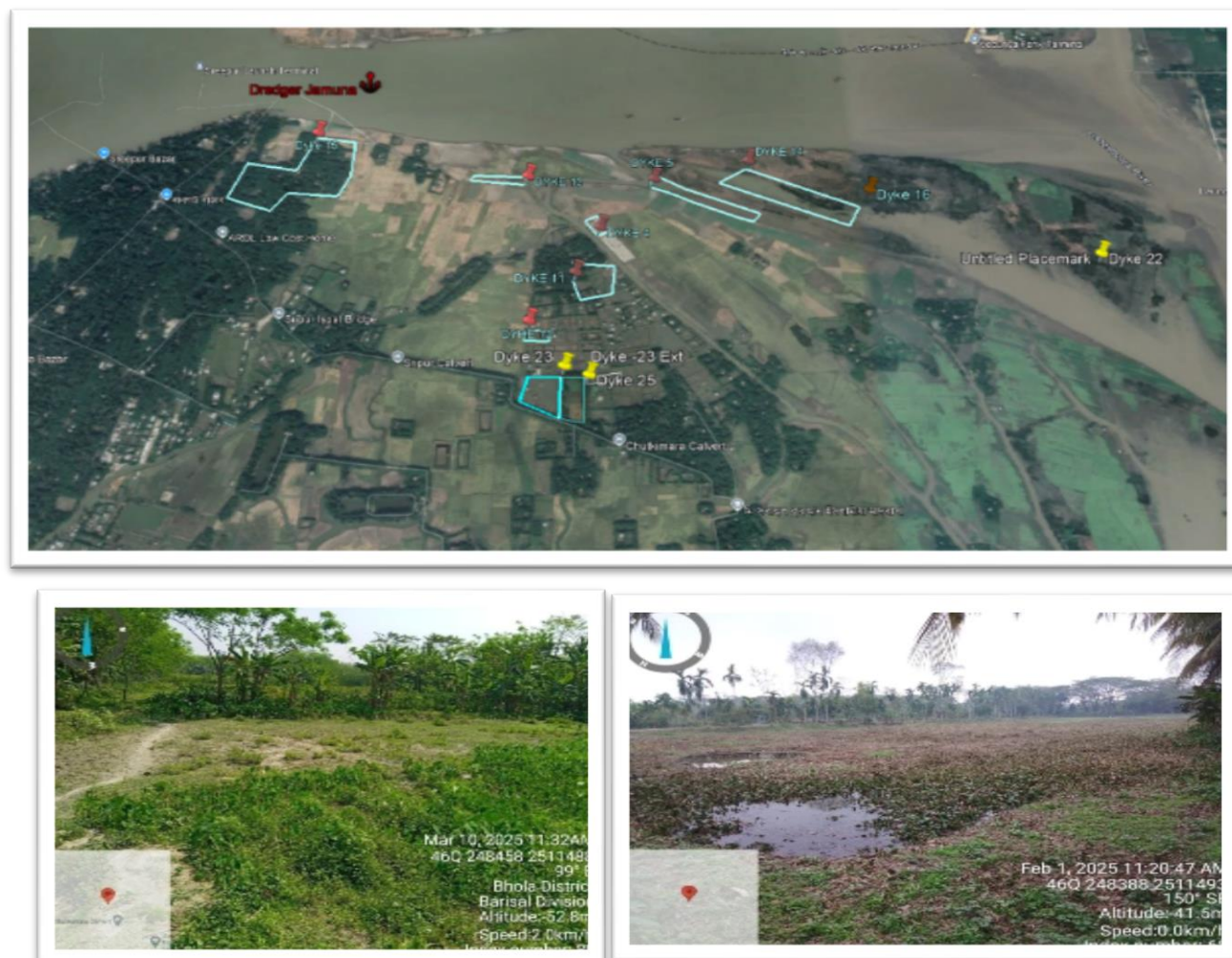


Figure 4: Location and Photographs of Dredged Material Disposal Areas (R21-D23 Ext & R21-D25)

2.2.3.1 Land Acquisition/Requisition/Charity for Dike Location Selection:

Information about river dredging, dredged material disposal, and land-related matters has been shared with the public through consultation meetings held in local bazaars, villages, schools, Union Councils, and Upazila Parishads. According to observations from the S1A expert, dike management during the first phase has not been satisfactory. Lessons learned from the management of dredged material and dikes have been addressed more carefully, especially considering environmental and social aspects. On the other hand, private land utilization through GFA has been more satisfactory. However, for the utilization of government fallow land, the PIU has initiated correspondence with the competent authority of the Government of Bangladesh.

2.2.3.2 Communication and Public Consultation:

During this period, meetings and consultations were held with government authorities, the PIU, and local community members to address community concerns related to the dredging activities. The social and safeguard team of the S1A Consultant actively engaged with residents, the administration, and community leaders at the field level. The table below shows the details of the consultations.

Table 9: Interaction with Clients/Contractors and Other Stakeholders (March 2025)

SN	Date	Venue	Meeting Agenda	Participants
1	03.03.2025	Meeting with UNO sir of Raipur Upazila for dredging programme of Route 06.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
2	04.03.2025	Bheduriya, new Disposal Area adjacent River Route 21	Focus group discussion on disposal area selection and meeting with local people on Dredging activity and future Socio-economic impacts.	BRWTP-S1A Consultant Field Staff
3	04.03.2025	Visiting Charmoduya & Basgachi Union Nayub for dyke selection. Discuss with village people about dredging programmed.	Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
4	05.03.2025	Meeting with UNO sir & AC Land officer of Narshingdi sadar Upazila for dredging program of Route 7&8	Meghna (Narshingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8, Lot_2	
5	05.03.2025	New disposal area adjacent Route 16 at Patarhat	Focus group discussion and questionnaire survey for Dredging and Socioeconomic Impact assesment at Patarhat. And conducted meeting with local people for finalizing new selected Disposal Area as Dyke no.4	BRWTP-S1A Consultant Field Staff
6	09.03.2025	Assistant Commissioner (Land) & Upazilla Engineer of Daudkandi visiting the Dyke-03 & Dredger ksbl-03 for dredged material purpose.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11	
7	10.03.2025	Meeting with UNO sir of Nabinagar Upazila for dredging programme of Route 09	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	
8	20.03.2025	Route 21 (Laharhat -Bheduria) at Bheduriya Area Dyke no.25	Meeting with local people for Socioeconomic Impact assessment after completing Phase-I dredging work. Focus group discussion for selecting new dikes.	PIU representative and BRWTP-S1A Consultant representatives with Field Staff
9	20.03.2025	The PD, DPD of PIU and PC of the S1A Consultant held a meeting with the UNO of Daudkandi, along with representatives from the contractor. The discussion focused on the procedural method for selecting land and the collection process for revenue earned from dredged material.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11	
10	22.03.2025	Installation of CCTV camera at dyke R11-D03 for Dautkandi UNO sir instructions.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
11	23.03.2025	PIU Assistant Engr. Mammun Khan visit at R-11 Dautkandi site for inspect the ongoing activities at the dredgers and dykes within the		

SN	Date	Venue	Meeting Agenda	Participants
		sites covered under Lot 2 of Contract Package BRWTP-W1A.		

2.2.3.3 Field activities and Visits, BRWTP-S1A (March 2025):

To monitor and supervise the field activities, BRWTP-S1A experts and field staff frequently visited sites when and where necessary. During the reporting period, frequent field visits were necessary to assess the dike, engage with stakeholders, and oversee dredging activities. Tables illustrate detailed field activities at Lot 2 and Lot 3 in Annex-II.

2.2.3.4 Grievance Redressal Mechanism (GRM):

Two Grievance Redress Committees (GRC) have been formed in the Lot-2 and Lot-3 project areas respectively, with one committee addressing site/local level issues and the other focusing on Contractor-level gender-based violence (GBV) issues. Contractors, supported by S1A, conducted regular consultations to inform locals about reporting mechanisms. Grievance boxes were installed at project offices and dredging sites for people to submit their complaint letters and hotline numbers were provided for immediate contact.

Furthermore, during the reporting month, no complaints were lodged. S1A consultants are actively working to address any potential grievances through regular field-level communication and cooperation with the local administration.

Table 10: Monthly Progress of GRM Report, March, 2025 in Lot-02 & Lot-03

Sl. No.	Issues	Status	S1A Comments
1.	River Traffic Management	No complaints were lodged.	No complaints have been received during this reporting period.
2.	Public Health and Dredge Material Disposal on Land	No complaints were lodged.	No complaints have been received during this reporting period.
3.	Fishermen and other related Groups on Their Livelihoods	No complaints were lodged.	No complaints have been received during this reporting period.
4.	Dike Selection	No complaints were lodged.	No complaints have been received during this reporting period.
5	Land Use Agreement	No complaints were lodged.	No complaints have been received during this reporting period.

2.2.3.5 GBV/SEA/SH by workers and enforcement of the CoC:

The local people have reported that the dredging workers/ laborers have no congenial or illicit sexual relationship with local inhabitants. No sexual exploitation, sexual violence, or gender-based violence was reported at work sites.

2.2.3.6 ESHS, Worker Employment, and OHS Status:

The S1A team evaluated the Environmental, Social, Health, and Safety (ESHS) conditions, worker employment and working conditions, as well as the Occupational Health and Safety (OHS) status during the reporting period. To ensure the safety of both workers and the public during the dredging process, data was gathered through field observations during site visits and from monitoring reports provided by both contractors. The collected data is presented in the table below.

Table 11: ESHS Status at a Glance in March 2025

ESHS Issues	Parameters	Lot-2	Lot-3
Occupational Health and Safety (OHS)	Set up a first aid clinic room, equipped with a medical treatment registration card for each employee.	First aid facilities were available at the project sites.	First aid facilities were available at project sites.
	Kitchen sanitation and cleanliness and food quality	Satisfactory	Satisfactory
	Sewage and wastewater discharge and Solid Waste Management	Good arrangements were kept in the Houseboat	Good arrangements were kept in the Houseboat
	Gas cylinder storage and maintenance	Maintained	Maintained
	Fire Extinguisher	Available	Available
	Safe Drinking Water	Accessible. Freshwater is collected daily from tube wells of nearby villages	Accessible. Freshwater is collected daily from tube wells of nearby villages
	Toilet facilities	Good	Good
Workers' Condition and Employment Situation	Total Employment (person) for all routes	80 (Eighty)	60 (Sixty)
	Male Female Ratio	All employees are Male	No Female Employee
	Wage Status	Good arrangements were kept in the Houseboat	Good arrangements were kept in the Houseboat
	Force Labor/ Child Labor	Not Applicable in this month	Not Applicable in this month
Personal Protection Equipment (PPE) for all staff/workers working on the site.	Wearing appropriate PPE like helmets, safety goggles, hand and arm protection, elbow protection gloves, safety shoes, life jacket/vests for protection while working in the river, use of hearing protection in case of loud noise for all officers/employees and laborers engaged in project work.	Safety helmet, Safety vest, safety shoes, Hand gloves, etc., observed at the site. But not adequate. All workers were not using PPEs.	Available at site level but needs awareness and monitoring for using PPEs
Traffic management	Provision for preventing accidents including nighttime.	River traffic-related signboards have already been installed, checked and found in good condition. Sign boards ensure safe river traffic movement. The types of navigational aids installed (buoys, beacons, lights, etc.) and locations along the dredged routes.	River traffic-related signboards have already been installed, checked and found in good condition. Sign boards ensure safe river traffic movement. The types of navigational aids installed (buoys, beacons, lights, etc.) and locations along the dredged routes.
	Dredging sites were demarcated and protected to ensure community safety.	Adequate signs signals are posted to avoid any unwanted endangered while working.	Working hands are found to be careful about their personal safety and working safety as well.

Source: Field Information S1A Consultant Team and Contractors Environmental Monitoring Report.

2.2 PROGRESS OF LOT-2 (GULF COBLA-KARNAFULY JV) CONTRACTOR:

2.2.1 Development and Maintenance Dredging Works:

As of March 31st, 2025 **Lot-2** has achieved a cumulative dredging volume of **42,578.58 cubic meters**. Hydrographic and monitoring surveys were conducted on Routes 05, 06, 7&8, 09, and 11.

2.2.2 Environmental Quality Assessment of Lot-2 Sites:

Monitoring data and observations suggest that, during the reporting period, the dredging operations had no noticeable adverse effects on the surrounding environment. Key parameters, including water quality, ambient noise levels, air quality, and overall health and safety conditions, remained unaffected. Details are in Annex V.

During March 2025, aquatic fauna monitoring was conducted on Route 11 near Karnafuly-3 (23.54834N, 90.71582E) and Karnafuly-7 (23.54054N, 90.713776E) in Daudkandi, Cumilla. Fisheries surveys covered 2 km upstream and downstream of the dredging sites. A total of 23 fish species and 2 crustacean species were

recorded, belonging to 16 fish families and 1 crustacean family (Palaemonidae). Common fishing gears included Gill Net, Seine Net, Drag Net, and various traps. Notable species included Sal Baim (*Mastacembelus armatus*), Bajari Tengra (*Mystus tengara*), Chapila (*Gudusia chapra*), and Foli (*Notopterus notopterus*). Chapila and Foli are listed as Vulnerable, while Tara Baim and Meni are Near Threatened per the IUCN Red List (2015). Fishermen reported greater fish diversity during the rainy season. No visible fish mortality was observed near the dredging sites.

2.2.3 Social and Resettlement Aspects at Lot-2 Site:

A total of 85 disposal sites have been identified in Lot-2 areas up to March 2025. In Phase II, a total of eleven (11) dikes have been completed and constructed. Detailed charts are provided in Annex III.

2.3 PROGRESS OF LOT-3, (DHARTI-BANGA JV) CONTRACTOR:

2.3.1 Development and Maintenance Dredging Works:

The estimated BOQ volume for capital dredging under Phase-II was 777,715 cubic meters. However, based on the Joint Pre-Survey verified through a hydrographic survey, the actual volume was determined to be 778,135 cubic meters. This revised volume has been agreed upon by the S1A Consultant and the Contractor and has been submitted to the PIU for approval. As of March 2025, the cumulative dredging volume completed is approximately 484,755 cubic meters.

2.3.2 Environmental Quality Assessment of Lot-3 Site:

During March 2025, a fisheries survey was conducted along River Routes 16 and 21 to assess the status of capture fish species. A total of 25 fish species and 4 prawn (crustacean) species were recorded. Fishers actively engaged in fishing across the surveyed areas, and no visible fish mortality was found near the dredging or disposal sites. Ganges River Dolphins and freshwater turtles were not observed during the survey, and local consultations confirmed their rare or absent presence in recent years. No significant environmental impacts were detected. The presence of diverse fish and prawn species indicates continued fishing activity and ecological stability in the area.

2.3.3 Social and Resettlement Aspects at Lot-3 Site:

A total of 33 disposal sites have been identified in the Lot 3 areas up to March 2025. During the Phase-II reporting period, a total of Seven (10) disposal sites have been identified in Lot 3 areas, as detailed in Annex III covering 2411 decimals of Government Khas land and fallow land.

CHAPTER 03:

ACHIEVEMENT OF THIS MONTH'S AND NEXT MONTH'S PLAN

3.1 ACHIEVEMENT OF THIS MONTH (MARCH 2025):

S1A CONSULTANT

- a) Monitoring hydrographic surveys on Routes 6, 7&8 and 11 have been carried out throughout March 2025 under Lot 2.
- b) Monitoring hydrographic surveys on Routes 21 has been carried out throughout March 2025 under Lot 3.
- c) Engineering surveys on Routes 13, 16 and 21 have been carried out throughout the month of March 2025 under Lot 3.
- d) Field visits were carried out by the S1A-ESHS team for both the lots.
- e) Monthly Environmental, Social, and GRM activities were conducted, and the observations were communicated to the contractor and PIU.

LOT-2

- a) Monthly Environmental and Social Activities have been conducted.
- b) Phase-II dredging has started in this reporting month on route 9, 5 and 11.

LOT-3

- a) Monthly Environmental and Social Activities have been conducted.
- b) Dredging on Route 13 has been completed.
- c) Dredging for Phase II on the following routes: Route 21 (Laharhat – Bheduriya), and Route-16 (Mehendiganj–Bheduriya) is continuing.

3.2 NEXT MONTH PLAN:

S1A CONSULTANT ACTION PLAN

A. Monitoring and Supervising Hydrographic Survey and Dredging

- a) Carrying out routine hydrographic survey on the routes under Lot-2 and Lot-3 in consultation with PIU.
- b) Supervising ongoing Cap-II dredging activities under Lot-2 and Lot-3.
- c) Preparing and submitting daily, monthly and quarterly report.

B. Verification of Land Ownership for Selecting Dike Locations

- a) Coordinate with the government administration to confirm the ownership status of potential disposal sites and ensure adherence to legal procedures.
- b) Document and report land ownership status for project compliance.
- c) Assist the Government Administration and PIU regarding selecting dredged material disposal land.

C. Engagement with Local Political Stakeholders

- a) Facilitate discussions between the contractor and local political leaders to resolve disputes and secure cooperation.
- b) Actively participate in stakeholder meetings to streamline the disposal site selection process.

- c) Monitor and document agreements reached with local stakeholders to ensure smooth project execution.

D. Ensuring Compliance with EMP Guidelines

- a) Conduct site inspections to ensure compliance with the EMP and address any issues at dike sites.
- b) Prepare and submit independent reports on ESHS compliance status, corrective actions taken, and areas requiring further intervention.

LOT-2

- a) Submission of the completion report for Phase I, including as-built drawings, dredging volume, cross-section, etc.
- b) Updating the C-ESMP and DDMP. Lot 2 has yet to comply with the requirement.
- c) Submission of the Phase II work plan and resource allocation, including manpower deployment
- d) The Lot-2 Contractor's ESHS team is advised to carry out the recommended field visits during the execution of dredging operations.

LOT-3

- a) Submission of the completion report for Phase I, including as-built drawings, dredging volume, cross-section, etc.
- b) Updating the C-ESMP and DDMP.
- c) The Lot-3 Contractor's ESHS team is advised to carry out the recommended field visits during the dredging operation.

CHAPTER 04: CONCLUSION AND RECOMMENDATIONS

4.1 CONCLUSION

The BRWTP-1 project is progressing steadily under both Lots, with notable achievements in dredging under Lot-3, environmental compliance, social safeguards, and navigational safety. Continued collaboration among contractors, consultants, and stakeholders ensures that environmental and social impacts remain minimal, and that the project's objectives for improved river navigation and transport are being effectively met.

In March 2025, significant progress was achieved in Phase-II capital dredging under Lot-3. However, the progress of Lot-2 Phase-II dredging remains unsatisfactory.

Dredging and environmental monitoring activities conducted in March 2025 revealed no apparent impact on water quality, biodiversity, or community health. Stakeholder engagement and safety measures continue to be prioritized to ensure sustainable project execution.

Contractors were instructed to strictly adhere to Environmental and Social compliance requirements, in line with contractual obligations and World Bank Guidelines. Effective field visits and Grievance Redress Mechanism (GRM) implementation were carried out to address potential concerns.

4.2 RECOMMENDATIONS

The progress of Lot-2 in completing Phase I closing documentation and progressing for dredging activities under Phase II is lagging. Proactive measures are required to avoid time constraints in completing Phase II. Recommendations for Improvement:

- Increase Dredging Hours: Ensure dredging operations strictly adhere to the agreed 12-hour work schedule to meet project targets.
- Deploy Additional Dredgers: Mobilize the remaining four (4) dredgers, as per the agreement, to enhance efficiency and ensure timely completion.
- Commence Dike Preparation Immediately: Expedite dike preparation at designated disposal sites to facilitate efficient dredged material management.
- Submit a Revised Dredging Plan: The Lot-2 contractor must submit a detailed dredging plan for Routes 9 and 11, ensuring the required dredging volume are achieved within the stipulated timeframe for Phase II completion.

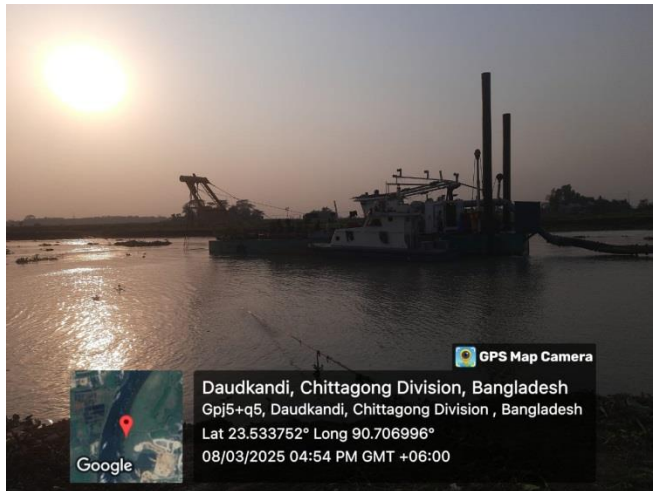
These corrective actions are essential to maintain the project schedule and ensure successful dredging operations within the planned timeframe.

CHAPTER 05: ANNEXURE

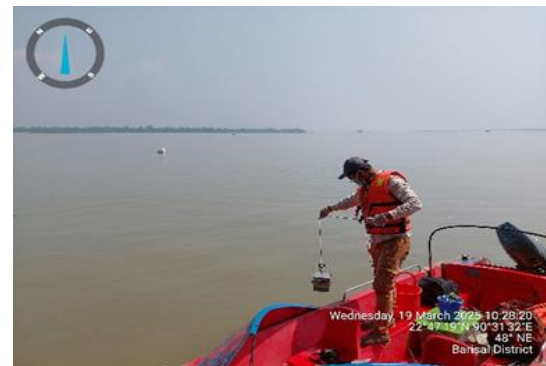
ANNEX I: Photos of Project Activities (March, 2025)

Progress Meetings, Field Visit, Communication, Consultation, Dike Selection, Preparation, ongoing Dredging, Survey, Fish, and Environmental Monitoring Sample Collection:





Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract



ANNEX II:

Field activities Records of BRWTP-S1A for the month of March, 2025

Table 3: Field Movement Lot-2 March, 2025

Serial No	Date	Activity	Route name & Route number	Remarks
01	01.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 9+900 to 13+110 Place: Hasnabad to Char kathaliya Length: 3200 m	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
02	02.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 5+700 to 3+450 Place: Daudkandi bridge to Char chasi Length: 2250 m	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
03	03.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 0+000 to 3+450 Place: Char chasi to Mollakandi Length: 3400 m Meeting with UNO sir of Raipur Upazila for dredging programme of Route 06.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
04	04.03.2025	Visiting Charmoduya & Basgachi Union Nayub for dyke selection. Discuss with village people about dredging programmed.	Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
05	05.03.2025	Meeting with UNO sir & AC Land officer of Narshingdi sadar Upazila for dredging programme of Route 7&8 Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 0+000 to 4+200 Place: Dhorabanga to Char Modhuya Length: 4200 m	Meghna (Narshingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8, Lot_2 Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
06	06.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 4+200to 8+300 Place: Char Modhuya to Nilokha Length: 4100 m	Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
07	07.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 8+300to 19+100 Place: Nilokha to Raipura Length: 10800 m	Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
08	08.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage:19+100to 27+100 Place: Raipura to Tolatoli Length: 4100 m	Meghna (Nabinagar Loop joining route-05). BRWTP-S1A, Route-06 Lot_2	
09	09.03.2025	Assistant Commissioner (Land) & Upazilla Engineer of Daudkandi visiting the Dyke-03 & Dredger ksl-03 for dredged material pupose.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11	
10	10.03.2025	Meeting with UNO sir of Nabinagar Upazila for dredging programme of Route 09	Meghna (Bancharampur-Homna Loop). BRWTP-S1A, Route-09 Lot_2	
11	11.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage:18+700to 5+700 Place: Norshindi to Monipura ghat Length: 13000 m	Meghna (Narsingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8, Lot_2	
12	12.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage:5+700to 0+000 Place: Monipura ghat to Birgau Length: 5700 m	Meghna (Narsingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8, Lot_2	

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Serial No	Date	Activity	Route name & Route number	Remarks
13	13.03.2025	Monitoring Hydrographic Survey with Ahydtech team ongoing. Chainage: 18+700 to 28+000 Place: Narshingdi to Balapurer char Length: 9300 m	Meghna (Narsingdi Northern & Southern approaches). BRWTP-S1A, Route-7&8, Lot_2	
14	20.03.2025	The PD, DPD of PIU and PC of the S1A Consultant held a meeting with the UNO of Dautkandi, along with representatives from the contractor. The discussion focused on the procedural method for selecting land and the collection process for revenue earned from dredged material.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11	
15	22.03.2025	Installation of CCTV camera at dyke R11-D03 for Dautkandi UNO sir instructions.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
16	23.03.2025	PIU Assistant Engr. Mammun Khan visit at R-11 Dautkandi site for inspect the ongoing activities at the dredgers and dykes within the sites covered under Lot 2 of Contract Package BRWTP-W1A. Dredger KSBL-07 Start dredging at Afternoon disposal newly construction dyke R11-D04	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	
16	24.03.2025 and 25.03.2025	Sampling the Environmental data like as: 1. Inspection of air noise monitoring. 2. Observation of air noise level. 3. Under water noise monitoring. 4. Inspection of Dissolved oxygen, Water Ph, temperature etc 5. Sampling collection of water upstream and downstream of the dredger for dissolved oxygen inspection. 6. Soil sample collection from the disposal area and the river bed for lab test.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11	Sampling the Environmental data like as: 1. Inspection of air noise monitoring. 2. Observation of air noise level. 3. Under water noise monitoring. 4. Inspection of Dissolved oxygen, Water Ph, temperature etc 5. Sampling collection of water upstream and downstream of the dredger for dissolved oxygen inspection. 6. Soil sample collection from the disposal area and the river bed for lab test.
17	29.03.2025	Dredger KSBL-03 Start dredging disposal newly construction dyke R11-D05 for testing purpose.	Gumti(Meghna loop approaching Dautkandi). BRWTP-S1A, Route-11 Lot_2	

Table 4: Field Movement Lot-3 March, 2025

Serial No.	Date	Activity	Route name & Route number	Remarks
1	01.03.2025	Engineering survey work done for lot 3 Route number 13 (Alubazar-Horina)	Route 13 (Alubazar-Horina)	Engineering Survey
2	01.03.2025	Hydrographic Post Survey work at Route number 21 (Laharhat-Bheduria)	Route 21 (Laharhat -Bheduria)	Hydrographic Post Survey
3	02.03.2025	Hydrographic Post Survey work for lot 3 Route 16 (Patarhat-Bheduriya)	Route 16 (Patarhat -Bheduria)	Hydrographic Post Survey
4	04.03.2025	Hydrographic Post work done for lot 3 Route number 13 (Alubazar-Horina)	Route 13 (Alubazar-Horina)	Hydrographic Post Survey
5	04.03.2025	Focus group discussion and new disposal area visit and discussion/meeting with local people for Dredging and Socio-economic at Bheduriya.	Route 21 (Laharhat -Bheduria)	Social Work
6	05.03.2025	Focus group discussion and new disposal area visit and Question/meeting with local people for Dredging and Socioeconomic Impact assesment at Patarhat. New Disposal Area Dyke no.4	Route 16 (Patarhat -Bheduria)	Social Work
7	20.03.2025	Focus group discussion and new disposal area visit and Question/meeting with local people for Dredging and Socioeconomic Impact assesment at Bheduriya. New Disposal Area Dyke no.25	Route 21 (Laharhat -Bheduria)	Social Work

ANNEX III:

The Progress and Status of Dike and Selected Disposal Areas

Lot-2

Table 1: Status of Good Faith Agreements (GFA) for Phase-I Capital Dredging, Lot 2 (74 Dikes)

Dyke no.	Route No	Land Owner		Land			Good Faith Agreemen
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D1	9	Md. Monir Hossain NID: 6447046241	Village: Joy Nagar Upazila: Bancharampur	Plot No: 1117.1118, 10, 65, 1016, Mouza: Jay Nagar	95	Agriculture Land (Two Crops)	Done
D2	9	Siblu Mia NID:1210488091772	Village: Imam Nagar Upazila: Bancharampur	Plot No:158, 155, 166, 147. Mouza: Imam Nagar	270	Agriculture Land (Two Crops)	Done
D3	9	Md. Afzal Hossain NID:1210488092232	Village: Joy Nagar Upazila: Bancharampur	Plot No: 461, 711, 712, 713, 714, 715 1016. Mouza: Jay Nagar	150	School and School Field	Done
D4	9	Md. Monzur Mahabub NID: 1210488092428	Village: Imam Nagar Upazila: Bancharampur	Plot No:3473, 3474 Mouza: Imam Nagar	55	Agriculture land (One crop)	Done
D5	9	Jhama Begum NID:5546582981	Village: Barail Upazila: Nabinagar	Plot No: 316, 318, 397, 399, 314, 315, 401 Mouza: Borail.	132	Agriculture land (Two Crops)	Done
D6	9	Md. Dostogir NID:7813941536	Village: Barail Upazila: Nabinagar.	Plot No: 326, 353,314, 622, 312, 126, 319, 320, 321, 334 Mouza: Borail,	141	Agriculture land (Two Crops)	Done
D7	9	Monir Hossain NID:12104880921009	Village: Imam Nagar Upazila: Bancharampur	Plot No.127 Mouza: Imam Nagar.	40	Agriculture land (Two Crops)	Done
D8	9	Abdus Salam NID: 1210488089240	Village: Aka Nagar Upazila: Bancharampur	Plot No.6021, 5622, 5627, 6620, 3277 Mouza: Aka Nagar.	90	Agriculture land (Two Crops)	Done
D9	9	Md. Zakir Hossain NID: 2693016135957	Village: Aka Nagar Upazilla: Bancharampur	Plot No. 2611, 2612, 6036 Mouza: Aka Nagar.	139	Agriculture land (Two Crops)	Done
D10	9	Md. Alamgir Kabir. NID: 1218575059084	Village: Nilukhi Upazila: Nabinagar	Plot no. 455. Mouza: Borail	52	Agriculture land (Two Crops)	Done
D11	9	Md. Kabir Hossain. NID: 10488088336	Village: Aka Nagar Upaziilla: Bancharampur	Plot no. 5972/ 5380/5984 Mouza: Aka Nagar, Bancharampur,	139	Agriculture land (Two Crops)	Done
D12	9	Md. Nazrul Islam. NID: 8705507518	Village: Aka Nagar Upazila: Bancharampur	Plot no. 3053, Mouza: Aka Nagar.	50	Agriculture land (One Crop)	Done
D13	9	Md. Monirul Islam. NID: 8672153577	Village: Aka Nagar Upazila: Bancharampur	Plot no. 2422, 2423, 2412, 2417, 2424, 2425 Mouza: Aka Nagar.	190	Agriculture land (Two Crops)	Done
D14	9	Md. Salek Mia. NID: 7385849111 Mbl:01985708570	Village:Akanagar Union: Salimganj Upazila:Bancharamp ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/ 2151/2152, BS-642 JL no. 13.	24	Agriculture land (One Crop)	Done
D15	9	Abdul Halim NID: 2366199863 Mbl: 01819160113	Village:Akanagar Union: Tezkhali Upazila:Bancharamp ur District: Brahman Baria	Mouza: Akanagar, Plot no. 3395,3396 BS-khatian no. 496 JL no. 13.	67	Agriculture land (One Crop)	Done
D16	9	Md. Riazul Islam NID: 5533130141	Village: Joykalipur Upazila: Bancharampur	Plot no. CS 1370, BS 3002-3003, mouza: Borail	52	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D17	9	1.Babul Mia NID:5546760314 2.Rakat Ali NID:9132515710 3.Nobi Mia NID:5996942016	Village: Nilukhi Union: Solimgonj Upazila:Nabinagar District: Brahman Baria	Plot no. CS/SA 1373/1374, BS 3007, Mouja: Borail	90	Agriculture land (One Crop)	Done
D18	9	Kader Miah NID: 1210488088731 Mbl: 01712830171	Village:Akanagar Union: Tejkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2152, BS 650-JL no. 13.	192	Agriculture land (One Crop)	Done
D19	9	Md. Kabir Hossain NID: 1210488087685 Mbl: 01789160113	Village:Akanagar Union: Tejkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Akanagar, Plot no. 2948/2149/2150/2151/2152, BS-642 JL no. 13.	32	Agriculture land (One Crop)	Done
D20	9	1.Jasim Uddin NID: 7798370685 Mbl: 01717531207 2.Oli Mia NID: 9152173382 Mbl: 01720322353	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bishnursmpur, SA Khatian: 11, Plot no: 298,1428,1646,1655,1654, JL No 43	59	Agriculture land (One Crop)	Done
D21	9	Safar Ali NID: 2398388328 Mbl: 0191438148	Village:Akanagar Union: Tejkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Akanagar, SA Khatian: 3610, Plot no: 3456,3460 JL No. 13	75	Agriculture land (One Crop)	Done
D22	9	Md. Milon Mia NID: 7348365565 Mbl: 01321822727	Village:Bahir char Union: Tejkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bahir char SA Khatian: 556, Plot no: 613,857 JL No. 41	84	Agriculture land (One Crop)	Done
D23	9	1.Alongir Hossain NID: 19781210488000039 Mbl: 01741735087 2. Md. Borhan Uddin NID: 1210488095770 Mbl: 01794735283	Village: Bishnursmpur Union: Tezkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bahirchar SA Khatian: 860,380 Plot no: 821,621,711,622,624,810,1070,623,626,710,711,1179 JL No. 41	119	Agriculture land (One Crop)	Done
D24	9	Aminul Islam (Liton) NID : 9917405796 Mbl: 01310822838	Village: Bishnursmpur Union: Bishnursmpur Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bishnursmpur SA Khatian: 92 Plot no: 1209,1205,1439,1430 JL No. 40	120	Agriculture land (One Crop)	Done
D25	9	Ilias Miazi NID: 19921216488000130 Mbl: 01985728652	Village: Bishnursmpur Union: Tezkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza: Bishnursmpur SA Khatian: 172, Plot no: 1308,1497,1448,427,1105 JL No 43	174	Agriculture land (One Crop)	Done
D26	9	1. Gazi Kawsar NID: 3298455597 Mbl: 01713685001 2.Gazi abdu Salam NID: 2398479119 Mbl: 01740956081 3.Md. Zakir Hossain NID: 7348561049 Mbl: 01713585112 4. Chandra Kumar Das NID: 1210488090007 Mbl: 01740968121	Village: Aka Nagar Union: Tezkhali Upazila:Bancharampur ur District: Brahman Baria	Mouza No: Aka Nagar SA Khatian: 3921,4096,3941 Plot No: 5760,5705,5707,5790,6370,6698,5744,5711,5384,5715 JL No 13	310	Agriculture land (One Crop)	Done
D27	9	Md. Hanif NID: 5501395304	Village: Bishnurampur	Mouza: Bishnurampur SA Khatian: 894,	154	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
		Mbl: 01717531207	Union: Bishnurampur Upazilla: Bishnurampur District: Brahman Baria.	Plot no. 108,111 Khatian No. 860/380 JL No. 41			
D28	9	Habib Ulla NID: 2398391876 Mbl: 01817506254	Village: Bahirchar Union: Bishnurampur Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 603,714,1152,1545 Khatian No: 92 JL No: 41	79	Agriculture land (One Crop)	Done
D29	9	Abu Kalam NID: 1948451222 Mbl: 01985708523	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 904, 608, 752, 1227 Khatian No: 617, 1487 JL No: 41	89	Agriculture land (One Crop)	Done
D30	9	1.Md. Farid Mia NID: 3298435581 Mbl: 01317622313 2.Abdul Wahab NID: 6894609699 Mbl: 01735786521	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 119,1084,415 Khatian No: 551,61,108 JL No: 41	88	Agriculture land (One Crop)	Done
D31	9	Moin Uddin NID: 3748368614 Mbl: 01817506254	Village: Bahirchar Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 1134,1138,1135,18,1052 Khatian No: 217,541 JL No: 41	85	Agriculture land (One Crop)	Done
D32	9	Ali Ahammad Sarker NID: 3747074718 Mbl: 01715046233	Village: Nilokhi Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza. Nilokhi Plot no. 1134,1138,1135,18,1052 Khatian No: 24/1, 106/1 JL No: 236	214	Agriculture land (One Crop)	Done
D33	9	1.Rasel Mia NID: 1947127799 Mbl: 01738424077 2.Parul Begum NID: 1210488095296 Mbl: 01735786521 3. Sova Akter NID: 8707793660 Mbl: 01735786521	Village: Nilokhi Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza. Nilokhi Plot no. 1172,1208,1209,1199,1163,1198,1170,1200,1232 Khatian No: 950, 992 JL No: 05	170	Agriculture land (One Crop)	Done
D 34	9	1. Md. Billal NID: 2398523114 Mbl: 01725835721 2. Arfat Ali NID: 8257731771 Mbl: 01985789351	Village: Bahir Char Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 25/400,217/652,268/418,628,708 Khatian No: 209,74 JL No: 41	84	Agriculture land (One Crop)	Done
D 35	9	1.Abdul Awal NID: 3746376999 Mbl: 01918578062 2.Abul Kalam NID: 8695983695 Mbl:01716592411 3.Abu Ishaq NID: 3712971580 Mbl: 01719834733 4.Nasir Uddin NID: 5546582717	Village: Barail Upazila:Nabinagar District: Brahman Baria.	Mouza. Barail Plot no. 1590,3267,3144,3274,3515,1802,1803 Khatian No: 544,163,1560 JL No: 04	113	Agriculture land (One Crop)	Done
D 36	9	1.Abdul Mannan NID: 8248455720 Mbl: 01738424077 2.Md. Jalal Mia NID: 4648465153	Village: Bahir Char Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza. Bahirchar Plot no. 1286,1351,1649,144,1563,127 Khatian No:	140	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreemen
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
		Mbl: 01735786521 3. Tazul Islam NID: 9173793036 Mbl: 01735786521	Baria.	549,600,996 JL No: 41			
D37	9	Md. Swapon Mia NID: 8248495528 Cel: 01753828096	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur, District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 530/616/1464 Plot: 553/552/554 JL No:41	60	Agriculture land (One Crop)	Done
D38	9	1.Md. Nazim NID: 2421516085 Mbl: 01733123741 2. Apel Mahmud NID: 4201400373 Mbl: 01958705623 3. Aynal Hoque NID: 5554116691 Mbl: 01815237615 4. Abu Musa NID: 6448345691 Mbl: 01712578351 5. Mst. Razia khatun NID: 2848376618 Mbl: 01735892711 6. Marfot Ali NID: 19761210488000018 Mbl: 01928705721 7. Abdul Mannan NID: 7812888217 Mbl: 01789256722	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 751/439/120/889/743/70 Plot: 1282/1284/1285/1283/9 57/1641/2221/955/1502/985/984 JL No:41	173	Agriculture land (One Crop)	Done
D 39	9	Abu Sayem NID: 6890355958 Mbl: 01712853510	Village: Kadoir Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Kadoir Khatian No: 591 Plot: 421 JL No:63	50	Agriculture land (One Crop)	Done
D 40	9	Md. Jalu Mia NID: 4155505789 Mbl: 01712892751	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 709 Plot: 440 JL No:41	100	Agriculture land (One Crop)	Done
D 41	9	1.Md. Kamal Mia NID: 7347275260 Mbl: 01724532687 2.Abdul Karim NID: 2397556354 Mbl: 01716161185	Village: Kadoir Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 706 Plot: 486/350/352 JL No:10	111	Agriculture land (One Crop)	Done
D 42	9	1.Mst. Jahanara NID: 1210488096760 Mbl: 01986218781	Village: Nilokhi Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Nilokhi Khatian No: 262 Plot: 1129/1 JL No:05	31	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 43	9	1.Shakel Ahmed NID: 2. Sazzad Ahmed NID: Mbl: 3. Md. Alomgir NID: 2397009727 4. Rezaul Karim NID: 6455341013 5. Ziaul Karim NID: 5983496109 Mbl: 6. Fazlul Karim NID: 9132487969	Village: Badda Dakkhin Para Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1154/191/986 Plot: 486/350/352 JL No:14	197	Agriculture land (One Crop)	Done
D 44	9	1. Md. Alomgir NID: 2397009727 2. Rezaul Karim NID: 6455341013 3. Ziaul Karim NID: 5983496109 Mbl: 01713018040 4. Fazlul Karim NID: 9132487969	Village: Badda Dakkhin Para Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Jolli Khatian No: 175/1453 Plot: 122/233/325/ JL No:16	140	Fallow Pond	Done
D 45	9	1. Md. Alomgir NID: 2397009727	Village: Badda Dakkhin Para Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Jolli Khatian No: 1657 Plot: 291 JL No:16	22	Agriculture land (One Crop)	Done
D 46	9	Md. Jalu Mia NID: 4155505789 Mbl: 01712892751	Village: Bahirchar Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bahirchar Khatian No: 111 Plot: 222/223/577/496 JL No:41	97	Agriculture land (One Crop)	Done
D 47	9	1. Md. Abu Hanif NID: 7305030772 Mbl: 01712892751 2. Sohrab Hossain NID: 1975871797 Mbl: 01728356911	Village: Kadoir Union: Salimganj Upazila:Nabi Nagar District: Brahman Baria.	Mouza No. Kadoir Khatian No: 342 Plot: 438 JL No:10	68	Agriculture land (One Crop)	Done
D 48	9	1. Kamrul Hasan NID: 19791218575000030 Mbl: 01716161185 2. Jaman Uddin NID: 2361962059 Mbl: 01859278912 3.Moshen Mia NID: 5107234883 Mbl: 01713925813 4.Dulal Mia NID: 7347018397 Mbl: 01712830195 5.Baijid Hasan NID: 5107234883 Mbl: 01915830112 6.Abdul Motin NID: 1218588035697 Mbl: 01913592311 7.Hanif Mia NID: 19701218575000009 Mbl: 01713925813	Village: Char Badda Union: Salimganj Upazila:Nabi Nagar District: Brahman Baria.	Mouza No.Char Badda Khatian No: 404/344/160/606/557/605 Plot: 1531/1502/1537/860/941/1282/1530/1531/1551/288/289/316/493/1567 JL No:14	200	Agriculture land (One Crop)	Done
D 49	9	1.Kamal Uddin NID: 9148394498 Mbl: 01602208686	Village: Bahir Char Union: Tezkhali Upazila:Bancharampur	Mouza No. Bahir Char Khatian No: 392/320/707/273/514/10	179	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
		2.Forkan uddin NID: 1948433175 Mbl: 017111180780 3.Abdul Hashim NID: 8248455555 Mbl: 01733113742 4.Parul Begum NID: 4201436906 Mbl: 01716497968 5.Ismail Mia NID: 1523786984 Mbl: 01913777071 6.Amir Hossain Passport:0538242 Mbl: 01712835771 7.Farid NID: 3322198205 Mbl: 01852892821	ur District: Brahman Baria.	71 Plot: 1105/617/1104/411/496/ 1111/1110 JL No:41			
D 50	9	1.Abul Kashem NID: 2398411542 Mbl: 01708665453 2.Humayun Kobir NID: 1210436157748 Mbl: 01983460221	Village: Moddho Nagar Union: Choyfullah Kandi Upazila:Nabinagar District: Brahman Baria.	Mouza No. Moddho Nagar Khatian No: 1054/1485 Plot: 1105/617/1104/411/496/ 1111/1110 JL No:38	193	Agriculture land (One Crop)	Done
D 51	9	1.Murshid Mia NID: 3296986155 Mbl: 01852897257 2.Dulal Mia NID: 1218575054223 Mbl: 01719835021 3.Lal Chand Passport: 0363728 Mbl: 01719478351	Village: Char Badda Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 525/263/675 Plot: 210/211/39/68 JL No:68	130	Agriculture land (One Crop)	Done
D 52	9	Shahin NID: 19821218575000021 Mbl: 01734532462	Village: Bandey Bahir char Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1118 Plot: 26 JL No:14	32	Agriculture land (One Crop)	Done
D 53	9	Md. Monirul Islam NID: 8672153577 Mbl: 017111175171	Village: Joy Nagar Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Joy Nagar Khatian No:1154 Plot: 2374 JL No:11	75	Agriculture land (One Crop)	Done
D 54	9	Abdur Razzak NID: 9574183696 Mbl: 01747343757	Village: Bishnurampur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:1154 Plot: 1594 JL No:01	86	Fallow Land	Done
D 55	9	Shahjalal NID: 8242023813 Mbl: 01625888695	Village: Bishnurampur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:386 Plot: 1550 JL No:40	73	Fallow Land	Done
D 56	9	1.Abul Kashem NID: 2398411542 Mbl: 01708665453 2.Humayun Kobir NID: 1210436157748 Mbl: 01983460221	Village: Moddho Nagar Union: Choyfullah Kandi Upazila:Nabinagar District: Brahman Baria.	Mouza No. Moddho Nagar Khatian No: 1054/1485 Plot: 1105/617/1104/411/496/ 1111/1110 JL No:38	193	Agriculture land (One Crop)	Agreement will be done by District administration

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 57	9	1.Murshid Mia NID: 3296986155 Mbl: 01852897257 2.Dulal Mia NID: 1218575054223 Mbl: 01719835021 3.Lal Chand Passport: 0363728 Mbl: 01719478351	Village: Char Badda Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 525/263/675 Plot: 210/211/39/68 JL No:68	130	Agriculture land (One Crop)	Agreement will be done by District administration
D 58	9	Md. Shahin NID: 19821218575000021 Mbl: 01734532462	Village : Bandey Bahir char Union : Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Char Badda Khatian No: 1118 Plot: 26 JL No:14	32	Agriculture land (One Crop)	Agreement will be done by District administration
D 59	9	Md. Monirul Islam NID: 8672153577 Mbl: 01711175171	Village: Joy Nagar Union: Salimganj Upazila:Nabinagar District: Brahman Baria.	Mouza No. Joy Nagar Khatian No:1154 Plot: 2374 JL No:11	75	Agriculture land (One Crop)	Agreement will be done by District administration
D 60	9	Abdur Razzak NID: 9574183696 Mbl: 01747343757	Village: Bishnurampur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:1154 Plot: 1594 JL No:01	86	Fallow Land	Agreement will be done by District administration
D 61	9	Shahjalal NID: 8242023813 Mbl: 01625888695	Village: Bishnurampur Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No:386 Plot: 1550 JL No:40	73	Fallow Land	Agreement will be done by District administration
D 62	9	Md. Aktar Hossain NID: 3725002590 Mbl: 01605208355	Village: Tezkhali Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Tezkhali Khatian No: 1852 Plot: 430/688/960/972/482 JL No: 42	120	Agriculture land (One Crop)	Done
D 63	9	Md. Ashikul Islam NID: 3268311275 Mbl: 01855997070	Village: Tezkhali Union: Tezkhali Upazila:Bancharampur District: Brahman Baria.	Mouza No. Tezkhali Khatian No: 1852 Plot: 430/688/960/972/482 JL No: 42	120	Agriculture land (One Crop)	Done
D 64	9	Md. Masud NID: 4197522263 Mbl: 01625888695	Village: Noyar char Union: Salimganj Upazila: Nabinagar District: Brahman Baria.	Mouza No. Noyar char Khatian No: 689 Plot: 366/422/645/389 JL No: 67	62	Agriculture land (One Crop)	Done
D 65	9	Anowar Hossain Raza NID: 1948336233 Mbl: 01625888695	Village: Bishnurampur Union: Bishnurampur Upazila: Bancharampur District: Brahman Baria.	Mouza No. Bishnurampur Khatian No: 315 Plot: 365/254/423/546/259/121 JL No: 39	270	Agriculture land (One Crop)	Done
D 66	9	Md. Kawsar NID:	Village: Khalla Union: Choyfullakandi Upazila: Bancharampur District: Brahman Baria.	Mouza No. Khalla Khatian No: 1394 Plot: 4662 JL No: 1418	95	Agriculture land (One Crop)	Agreement will be done by District administration

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreement
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 67	7&8	1.Hafiz Mia NID: 6816020733136 2.Abu Kashed Mia NID: 6816020432149 3.Abul Kashem NID: 5501734684 4.Nuru Mia NID: 8218914904 5.Sushil Chandra Sutradhar NID: 6816020732471 Mbl: 01794391918, 01712766109	Village: Birgaon Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur SA Khatian No: 425/2010/2051 CS Plot No: 4212, 4219, 4262, 4341, 10070, 10037, 13062, 10064, 10062, 10061, 10091, 10204, 9689, 9690, 9653, 10079, 10056, 10205, 9798, 10118, 10111, 10114 JL No: 73, 62, 52	677	About 70% Fallow Land and 30% Agriculture land (One Crop)	Done
D 68	7&8	Md. Delwar Hossain NID: 9550769062 Mbl: 01712766109	Village: Bakhor nagar Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur SA Khatian No: 8723/4356/4126/4247 SA Plot No: 7879,7915,7880,8793,7891,7960,7961,9730,9731,9732,8730,896,7496,7494,9756,9757,9727,9730,9731,9732,8726,8743,7891,8793,7886, JL No: 62	328	Fallow Land	Done
D 69	7&8	Hazrat Ali NID: 7822420450 Mbl: 01935205783	Village: Birgaon Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 122 SA Plot No: 12458/12466/12485 JL No: 52	91	Agriculture land (One Crop)	Done
D 70	7&8	1. Sukkur Ali NID: 4151539675 Mbl: 01987608661 2. Jahangir Alom NID: 2360551242 3. Md. Milon Kha NID: 4601748173	Village: Sat para Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 3024/26/2068/98/4150 SA Plot No: 1841/7865/7877/7262/7869/7499/1815/1817/2089/7878/7885 JL No: 62	180	Agriculture land (One Crop)	Done
D 71	7&8	1. Md. Sheikh Farid NID: 6816020734834 Mbl: 01765-995824 2. Rezon Mia NID: 7358087984 Mbl: 01677556624	Village: Sat para Union: Alokballi Upazila:Narsingdi Sadar District: Narsingdi	Mouza: Char Madhobpur CS Khatian No: 121 SA Plot No: 6711/6512/6706/6727/6712/7364/7369/7794/7868 JL No: 62	170	Agriculture land (One Crop)	Done
D 72	6	2. Sahad Mia NID: 1481632832 Mbl: 01855992870 2. Md. Jalal Fakir NID: 5851625392 Mbl: 01759252667	Village: Char Modhua Union: Char Modhua Upazila:Roypura District: Narsingdi	Mouza: Char Modhua CS Khatian No: 637 SA Plot No: 1062/1011/894/1131/42/131/806/811/913/1042/1181/1188 JL No: 123	290	Agriculture land (One Crop)	Done
D 73	11	Abul Kasem NID: 1913621823408 Mbl: 01724340171	Village: Notun Hasnabad Union: Daud Kandi Upazila: Daud Kandi District: Cumilla	Mouza: Nando pur CS Khatian No: 44 Plot No: 158/44/41/150/67 JL No: 98	210	Agriculture land (One Crop)	Done
D 74	11	Foyez Uddin NID: 1913621824175 Mbl: 01928932815	Village: Notun Hasnabad Union: Daud Kandi Upazila: Daud Kandi District: Cumilla	Mouza: Nando pur CS Khatian No: 39 Plot No: 160/39/151/155/44 JL No: 92	293	Agriculture land (One Crop)	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dyke no.	Route No	Land Owner		Land			Good Faith Agreements
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
74 dikes	04 River Routes				Total Land 9,669 (Decimal)		

Note: 1. This list will be updated from time to time including the dredged soil volume disposed in the dike and the amount of revenue deposited to the government treasury.

Table 2: Status of Good Faith Agreements (GFA), Lot- 2 (2 Dikes), Phase-II

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 75	09	Habibur Rahman NID: 9582091709 Mbl# 01309475774	Village: Sutarampur Union: Bori Kandi Upazila: Nabinagar District: Brahmanbaria	Mouja: Jafrabad	113	Fallow land	Yet to be done
D 76	09	Mahabub Mobile:01911111107.	Village - Muktarampur,Bori kandi,Nobinagar,B Baria.	Yet to be done	47	Agriculture Land (Single Crop)	Yet to be done
D 77	09	Amir	Vill:Barail,Solimgonj, Nabinagar,B Baria.	Yet to be done	37	Agriculture Land (Single Crop)	Yet to be done
D 78	09	Shafiq	Vill:Modo nagar, Bishnurampur, Bancharampur,B Baria	Yet to be done	45	Agriculture Land (Single Crop)	Yet to be done
D 79	09	Shahidul	Vill:Modonagar , Bishnurampur, Bancharampur,B Baria.	Yet to be done	70	Agriculture Land (Single Crop)	Yet to be done
D 80	09	Manik	Vill:Khalla,Dorikandi, Bancharampur, B Baria.	Yet to be done	150	Agriculture Land (Single Crop)	Yet to be done
D 81	11	Govt. of Bangladesh	Village: Donar Char Union: Daudkandi Pouroushova Upazila: DaudKandi District: Cumilla	Mouja: Noakandi JL No. 173	350	Khas land	Govt. Land
D 82	11	M. Shafi Uddin Ahmed Mobile# 01893559250 NID: 8219523337	Village: Char Charua Union: North Daudkandi Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 76	176	Agriculture Land (Single Crop)	Done
D 83	11	Mozibar Rahman Mobile# 01715354524 NID: 1913621823882	Village: Notun Hasnabad Union: Daudkandi Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 05	153	Agriculture Land (Single Crop)	Done
D 84	11	Minu Ara Begum Mobile# 01863132638 NID: 8669116728	Village: Donar Char Union: Daudkandi Pouroushova Upazila: DaudKandi District: Cumilla	Mouza: Char Sattya Das JL No. 98 Khatian: 19 Plot no. 97/134	133	Agriculture Land (Single Crop)	Done
D 85	11	Kadamtoly Govt. Primary School	Village: Kadamtoly Union: Daudkandi Pouroushova Upazila: DaudKandi District: Cumilla	N/A	240	Primary School	Govt. Land
Total dike 11	Total Route 02				1514		

Lot-3

Table 2: Status of Good Faith Agreements (GFA), Lot 3 (23 Dike), Phase-I

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 01	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1901/56	200	Agriculture land (One Crop)	Done
D 02	21	Mizan Fakir NID: 6860475422 Mbl # 01712-878285	Village: Bheduriya Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Mouza: Bheduria Plot no. 1901/28	120	Agriculture land (One Crop)	Done
D 03	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1901/56	224	Agriculture land (One Crop)	Done
D 04	21	Jahangir Hossain NID: Mbl # 01620-487692	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1501	80	Agriculture land (One Crop)	Done
D 05	21	Mizanur Rahman NID: 6860475422 Mbl # 01712-878285	Village: Ghagoria Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1107,1181,1182, 2123,2124,2119,2125	300	Agriculture land (One Crop)	Done
D 06	21	Nur Nabi Vhuiya NID: 616213050970 Mbl # 01846-565388	Village: Ghagoria Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1468 (DP Khotiyan-385, DP Plot: 4662)	355	Agriculture land (One Crop)	Done
D 07	21	Nur Nabi Vhuiya NID: 616213050970 Mbl # 01846-565388	Village: Ghagoria Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza: Ghagoriya. Plot no. 1479 (DP Khotiyan-385, DP Plot: 4662)	435	Agriculture land (One Crop)	yet to be done*
D 08	21	Zhariul Islam Nakib NID: 4192286039 Mbl # 01711-320785	Village: Bheduriya Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Mouza No. Char Bheduriya Khatian No: 1319 JL No: 56	157	Agriculture land (One Crop)	yet to be done*
D 09	21	Kabi Hossain Mridha NID: 6878485082 Mbl # 01735-802399	Village: Ghagoria Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza No. Ghagoria Khatian No: 296 JL No: 118	1204	Agriculture land (One Crop)	yet to be done*
D 10	21	Md. Hakim uddain NID: 1928737947 Mbl # not given	Village: Bheduria Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Did not collect yet	768	Agriculture land (One Crop)	yet to be done*
D 11	21	Ruhul amin NID: 0616213050968 Mbl # 01762-447287	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Mouza. Shreepur Survey no. 47 Khatian No: 502,525,526JL No: 120	444	Agriculture land (One Crop)	yet to be done*
D 12	21	Harun chairman NID: Under processing Mobile # 01712-404378	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	73	Agriculture land (One Crop)	yet to be done*
D 13	21	Harun chairman NID: Under processing Mobile # 01712-404378	Village: Shreipur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	128	Agriculture land (One Crop)	yet to be done*
D 14	21	Mizanur Rahman Harun NID: 6860475422 Mobile # 01712-878285	Village: Shampur Union/post: Kalupur Upazila: Bhola Sadar	Did not collect yet	1017	Agriculture land (One Crop)	yet to be done*
D 15	21	Mizanur Rahman Harun NID: 6860475422 Mobile # 01712-878285	Village: Sreepur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	1572	Agriculture land (One Crop)	yet to be done*

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 16	21	Kamal hossain (member) NID: Not given by contractor Mbl:	Village: Ghagoria Union: Bhola Sadar Upazila: Bhola Sadar District: Bhola	Did not collect yet	1000	Agriculture land (One Crop)	yet to be done*
D 17	21	Salam Fakir NID: 8223014047 Mbl # 01766-138946	Village: Ghagoria Union: Ghagoria Upazila: Mehendiganj District: Barishal	Did not collect yet	84	Agriculture land (One Crop)	yet to be done*
D 18	21	Harun chairman NID: under process Mbl # under process	Village: Ghagoria Union: sreepur Upazila: Mehendiganj District: Barishal	Did not collect yet	171	Agriculture land (One Crop)	yet to be done*
D 19	16	MD.Amir hossain Jomaddar NID: 8225574485 Mbl # 01718051191	Village: Sadequepur Union: Mehendiganj Upazila: Mehendiganj District: Barishal	Did not collect yet	1443	Agriculture land (One Crop)	yet to be done*
D 20	16	1. Adv. Md Khorshed NID: 7328539411 2. Adv.Md Jakir Hossain NID: 0616213038313 Mbl # 01770198608	Village: Char Mitua Union: Alimabad Upazila: Mehandiganj District: Barishal	Mouza: Char mohisa. Plot no. 324, 325, 326, 344, 345, 346	1294	Agriculture land (One Crop)	yet to be done*
D 21	13	Md. Ali Bapari NID: not given Mbl # 01739224610	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	574	Agriculture land (One Crop)	yet to be done*
D 22	13	Government land	Village: Lokkhir char Union: Upazila: Chandpur sadar District: Chandpur	Did not collect yet	400	Fallow Land	Govt. Land
D 23	13	1. Md. Dulal Khan NID: Not given by land owner Mbl # 01729-505858 2. Md. Monir Hossain NID: Not given by land owner Mbl # 01791-330411	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	446	Agriculture land (One Crop)	yet to be done*
Total dike23	Total Route 03				12,469		

Note:

- 1.This list will be updated from time to time including the dredged soil volume disposed in the dike.
2. *: The execution of GFA is being delayed due to a dispute regarding compensation.

Table 3: Status of Good Faith Agreements (GFA), Lot 3 (07 Dike), Phase-II

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 24	21	Monir, Yusuf,Salaudhin, Kalam, Nasim, Nasir, Nur Islam, Junayed	Village: Ghagoria Union: sreepur Upazila: Mehendiganj, Barishal	Did not collect yet	155	Fallow land	Govt. Land
D 25	21	Ripon, Yasmin, Hasan, Swapon, Rafik, Alomgir, Sabuz, Rezwan, Saraz, Julhas	Village: Ghagoria Union: sreepur Upazila: Mehendiganj Barishal	Did not collect yet	300	Fallow land	Govt. Land
D26	21	Md. Kalu, Md. Shahin	Village: Ghagoria Union: sreepur Upazila: Mehendiganj Barishal	Did not collect yet	70	Fallow land	Govt. Land
D27	21	Ali Hossain gong	Village : Ghagoria Union : sreepur Upazila : Mehendiganj, Barishal	Khatian: 260, 493	900	Fallow land	Govt. Land
D28	21	Md. Saiful 01818592314	Vill & Union: sreepur Upazila: Mehendiganj, Barishal	Did not collect yet	444	Fallow land	Done

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Dike no.	Route No	Land Owner		Land			GFA
		Name and NID	Address	Description	Quantity (Decimal)	Quality of Land	
D 29	21	Md. Sohel and Md. Dalim Sheikh	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	243	Fallow land	Yet to be done
D 30	21	Abdul Gaffar Sheikh	Sreepur Union Mehandiganj Upazilla Barisal district	Did not collect yet	73	Fallow land	Yet to be done
D 31	16	Mohammad Gazi Mbl# 01972381881	Village: Sadequepur Union: Alimabad Upazila: Mehandiganj District: Barishal	Did not collect yet	392	Govt. Land	Govt. Land
D 32	16	Abdur Razzaq	Sadquepur, Mehandigonj Union under Mehandiganj Upozilla in Barisal district.	Did not collect yet	494	low land and non-cultivable	Yet to be done
D 33	13 (Extension of the dyke no.	Yunus Gazi and Md. Didar Mbl# 01722495773	Village: Narshinshopur Union: Shokhipur Upazila: Bhedorganj District: Shariotpur	Did not collect yet	150	Khas Land	Govt. Land
Total dike 10	Total Route 03				3221		

ANNEX-IV:
Dredging Progress Lot- 3 Contractor

Dredging Progress in March,2025 Under Phase-II

Route-wise tentative dredging Progress with volume (cbm) in March,2025 under Phase-II dredging of the Contract.

Table 5: Dredge material Analysis Results

Route No.	Dredger Name	Dredging Location	Dredging Period	Chainage (KM)	Cutting Length(m)	Dredging Status	Dyke Status	Remarks
13	Banga Padma	Alu Bazar ferry Ghat & Meghna Mukh	February, 2025	3+600 to 4+200 & 00+00 to 0+700	1300 m	Completed in February 2025	N/A	Completed
16	Banga Shitalakhya	Patarhat, Barishal	05-03-2025 to 28-03-2025	00+0 to 0+500	500 (1 st cut/width 38 m)	In Progress	Dyke No: R16-D7	Dyke Land Problem at Site.
21	Banga Padma	Bheduria Ferry Ghat	12-03-2025 to 28-03-2025	8+100 to 8+450	350 (1 st cut/width 38m)	In Progress	Dyke No: R21-D21	Dyke Land Problem at Site.
21	Banga Jamuna	Sreepur launch Ghat	12-03-2025 to 28-03-2025	6+150 to 6+850	700 (1 st cut/width 38m)	In Progress	Dyke No: R21- D24	Dyke Land Problem at Site.

ANNEX-V:

Environmental Quality Assessment and Compliance Status for March, 2025

Table 01: Environmental Quality Assessment for March, 2025 for Lot-2

Sl No.	Item	Parameters	Baseline	Route-11	S1A Remarks January 2025
			Data of Route 11 January 2023	March 2025	
1	Air Quality	SPM	157.82	163.49	*WAL
		PM10	72.37	84.93	WAL
		PM2.5	41.35	51.58	WAL
		SO2	18.25	29.18	WAL
		NO2	15.89	39.15	WAL
		CO	1.3	0.6	WAL
2	Noise Level	LEQ day	70.6	69.2	WAL
		Lmax	82.9	72.4	WAL
		Lmin	44.6	56.9	WAL
3	Underwater Noise Level	LAvg [dB (A)]	-	59.3	WAL
4	Surface Water Quality	Temperature	22.4	25.2	WAL
		EC	290	390	WAL
		pH	7.98	7.63	WAL
		TDS	150	195	WAL
		DO	5.8	5.9	WAL
		BOD5	0.3	4.6	WAL
		TSS	87	192	WAL
5	Riverbed Sediment	Lead (Pb)	8.26	12.86	WAL
		Cadmium (Cd)	0.063	0.075	WAL
		Chromium (Cr)	19.37	14.79	WAL
		Zinc (Zn)	19.16	18.22	WAL
		Arsenic (As)	2.87	1.53	WAL
6	Dredge Material	Lead	-	11.29	WAL
		Cadmium	-	0.08	WAL
		Chromium	-	16.84	WAL
		Zinc	-	14.11	WAL
		Arsenic	-	1.81	WAL

*WAL=Within Approved Limit; - = Sample was not collected.

Table 02: Environmental Quality Assessment for March 2025 for Lot 3

Sl No.	Item	Parameters	Baseline	Route 16	Baseline	Route 21	S1A Remarks March 2025
			Data of Route 16	March 2025	Data of Route 21	March 2025	
1	Ambient Air Polluants' Concentration in $\mu\text{g}/\text{m}^3$	SPM	170.65	85.44	165.12	95.60	WAL
		PM10	81.24	53.11	72.15	59.18	WAL
		PM2.5	42.85	22.45	47.28	24.95	WAL
		SO2	16.44	15.09	13.69	18.98	WAL
		NO2	21.40	19.28	22.18	22.35	WAL
		CO	1.1	0.9	1.5	0.9	WAL
2	Noise Level	LEQ day	53.5	77.16	68.6	75.41	WAL
		Lmax	75.7	90.22	84.4	93.55	Mixed Area.
		Lmin	32.8	39.14	37.3	37.06	WAL
3	Under Water Noise Level	LAvg [dB (A)]	-	68.7	-	65.9	WAL
4	Surface Water Quality	Temperature	22.0	25.8	22.1	27.9	WAL
		EC	280	290	300	315	WAL
		pH	7.91	7.32	7.89	8.18	WAL
		TDS	140	145	150	165	WAL
		DO	6.3	6.7	6.2	6.4	WAL
		BOD5	0.6	5.4	0.4	5.8	WAL

SI No.	Item	Parameters	Baseline Data of Route 16	Route 16	Baseline Data of Route 21	Route 21	S1A Remarks March 2025
				March 2025		March 2025	
		TSS	29	55	93	44	WAL
5	Riverbed Sediment	Lead	12.01	8.78	13.23	9.57	WAL
		Cadmium	0.057	0.067	0.057	0.071	WAL
		Chromium	19.88	21.30	19.88	22.56	WAL
		Zinc	40.34	28.67	40.34	32.56	WAL
		Arsenic	2.05	2.11	2.05	2.34	WAL

*WAL=Within Approved Limit.

Table 3: Compliance Status for March 2025 for Lot-2

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Aquatic Flora & Fauna including Plankton, Benthos, fish, dolphin	Fishing activities were observed at various points along Route 11. The survey recorded 23 fish species and 2 crustacean species, were observed. No visible fish mortality was observed near the dredging sites. The team did not encounter any Ganges River Dolphins during the visit, although local fishermen mentioned rare sightings during the monsoon. Dolphin and turtle presence data were collected using observation sheets and reference images. No freshwater turtles were observed or found in the dredging area or surrounding locations.	Mitigation measures not required	No mitigation measure was suggested by the Lot 2 monitoring team.	-	P	-		
Sediment Dispersion	Not measured	-	-	-	-	N	Contractors were notified to measure sediment plume on the 1st of March 2023, followed by verbal instruction and reminder emails	No action taken or data provided by the contractors yet. Will be reminded again.
Riverbank Erosion	There were no issues regarding riverbank erosion or flooding.	Dredger stopped and relocated	Dredger stopped and relocated some protection measures taken	C	-	-	Stop dredging and relocate	Recommended reporting to the authorities and stop dredging
Hydrological Conditions	Surveyed before dredging			C				
Drainage Congestion	No remarkable congestion was observed at the dredged material disposal sites.			-	P	-	No reports of any drainage congestion. Regular monitoring	Keep clear all drainage channels. Regular monitoring
River Traffic/ Transport	River traffic-related signboards have already been fixed to ensure a safe river traffic		No mitigation measure is required		P	-	Install river traffic related signboards and navigational Aids	

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
	movement							
Accidental Spillage	No reports yet	Oil spill emergency plan. 24/7 ready plan	-		P	-	Logbook to be maintained, in case, of any incident, report to the authority	
Sediment leakages from pipes and sediment disposal	No significant leakages were observed with the floater and/or delivery pipe	Maintain pipes	Pipes regularly checked	-	P	-	Stop dredging, fix the problem before resumption; and report to the authority	
Drinking water& sanitation	Safe drinking water is being supplied	Source to be mentioned	-	-	C	-	-	Source of drinking water to be mentioned
Safety of workers	Occupational safety		PPEs provided	-	-	P	Monitor the use of PPEs	Regular monitoring, punitive measures for not using PPEs, or Awareness programs for using PPEs. Besides, need to provide an adequate number of PPEs.
Waste management	Waste bins have been placed on the houseboat as well as in the dredger and maintained		-	-	C	-	Colored collection bins for organic and non-organic solid wastes; no wastes in the river	Mention later stages, what happens after collection from waste bins
Cultural and archeological Sites	Preservation of such sites		x	-	x	x	Stop dredging, report to the authorities	-
Wastewater	Drained properly		-	-	-	P	-	-

Note: The table was prepared based on observations from the field visit.

Table 4: Compliance Status for March 2025 for Lot-3

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	ComplianceStatus			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
Aquatic Flora and Fauna including Plankton, Benthos, fish, dolphin	Twenty-five (25) species of fish were observed to be caught in the river route 16 & 21. In addition, four (04) species of crustacean species (prawn) were also observed to catch in the river. There was no visible fish mortality within and around the previous and current dredging site location. the study team did not observe any Ganges River Dolphin near the dredging site, dredger placement area and adjacent areas. No direct observation of freshwater turtles at nearby area but Indian roofed turtle sometimes	Mitigation measures not required	No mitigation measure is required in the reporting period	-	P	-	Lo2 and Lot 3 ESHS staff were advised to be physically present while dredging is ongoing to give more effort and to spend more time on regular monitoring of the habitat and biodiversity.	To be practiced every month

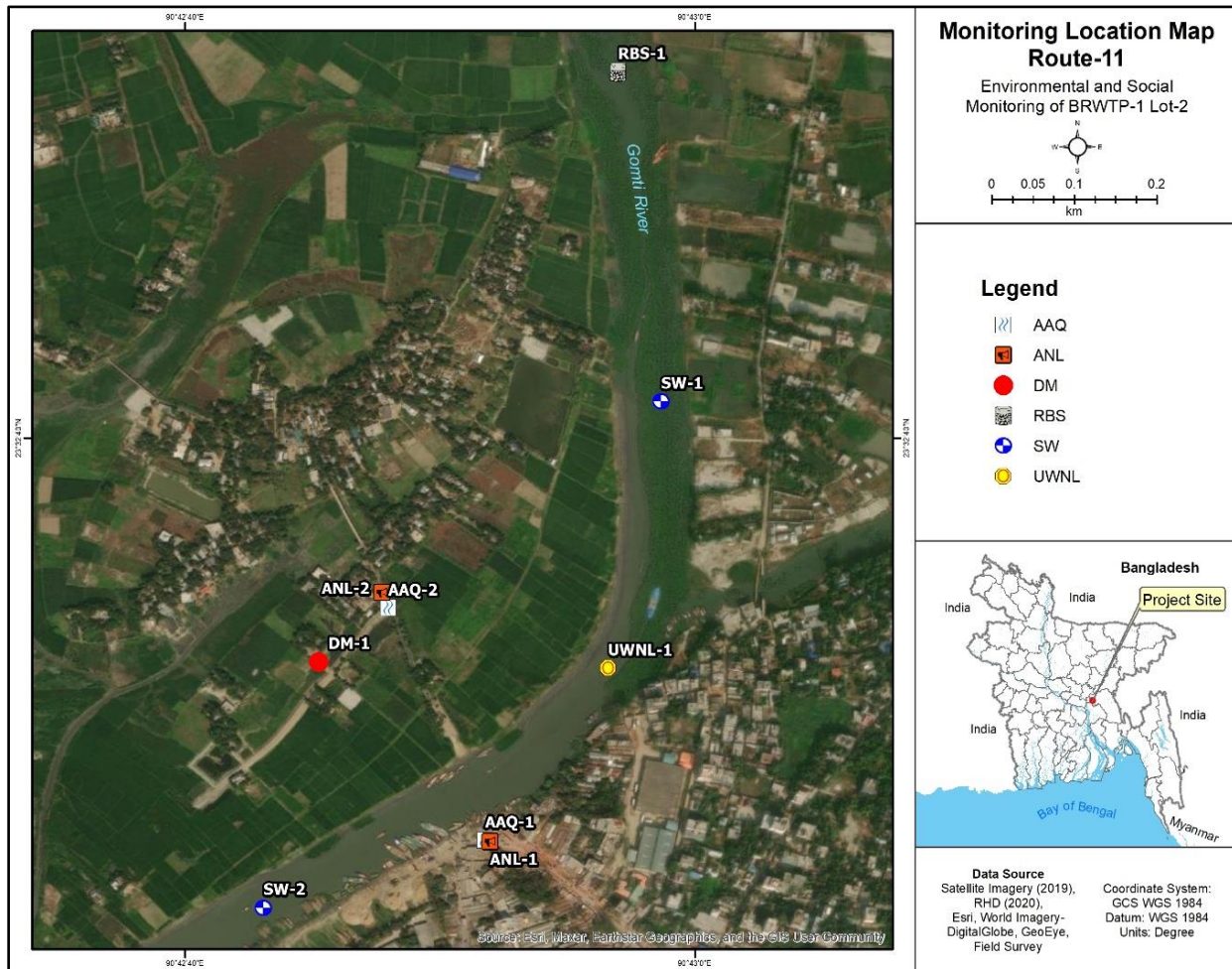
Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Visual Monitoring Compliance								
Potential Aspects	Description	EMP Measures (Proposed in the EIA)	Measures Already Implemented	Compliance Status			Remarks/ Recommendation	Recommended deadline for implementing the corrective measures
				C	P	N		
	seen in the household ponds.							
Sediment Dispersion	Not measured	x	No mitigation measure is required in the reporting period	-	-	N	Contractors were notified to measure the sediment plume on the 1st of March 2023. Reminders were given verbally and by email	No action taken or data provided by the contractors yet. Will be reminded again
Riverbank Erosion	No reports of riverbank erosion or flooding occurred during the reporting month.	Regular monitoring		-	P	-		Regular monitoring
Hydrological Conditions	Surveyed before dredging							
Drainage Congestion	No drainage congestion was observed during this month.				P	-	No reports of any drainage congestion	To be monitored regularly, early mornings and evenings
River Traffic/Transport	No traffic-related problems were identified	Appropriate aids to navigation to be installed	Procurement of aids to navigation under process	-	P	-	River traffic-related sign boards observed	Appropriate aids to navigation installed.
Accidental Spillage	No reports yet	Monitoring and preparedness to handle any accidental spillage	No spills from chemical storage	-	P	-	Emergency oil spill management plan	Emergency Plan in place, to be updated if necessary
Sediment leakages from pipes and sediment disposal	No reports of any leakage	Maintain pipes, regular checking	During this reporting month, no leakage was found in the dredge pipe. Pipes regularly checked	-	P	-	No reports of leakage	Stop dredging, fix the problem before resumption; and report to the authority
Drinking water & sanitation	Safe drinking water is being supplied			C	-	-		Drinking water source to be mentioned
Safety of workers	Occupational safety		PPEs provided	-	-	N	Awareness of using PPEs	Give warning notice to workers
Dredged material disposal	Unauthorized and illegal disposal of dredged material destroys the reed lands and alters the physical characteristics of the area. Disturbed foraging and roosting habitat of birds	Reed land to be protected, no disposal of dredged material, no alteration of the critical habitats/ecosystem	No information was provided to S1A			N	Punitive measures recommended against the Contractor	Habitat already destroyed, no scope for any corrective measure
Waste management	Waste bins have been placed on the houseboat as well as in the dredger and maintained		-	C	-	-	Colored collection bins for organic and non-organic solid wastes; no wastes in the river	Mention the end process where does the waste go from the bins?
Cultural and archeological Sites	Preservation of such sites		x	-	x	x	Stop dredging, report to the authorities	-
Wastewater	From houseboats, dikes, etc.	Treated, release after settling	Not described	-	-	N	To be treated before release	-

Note: The table was prepared based on observations from the field visit.

ANNEX VI: Location Map of Environmental Sample Collection, March 2025

Location Map Environmental Sample Collection at Lot-2 sites (March 2025):



Location Map Environmental Sample Collection at Lot-3 sites (March 2025):

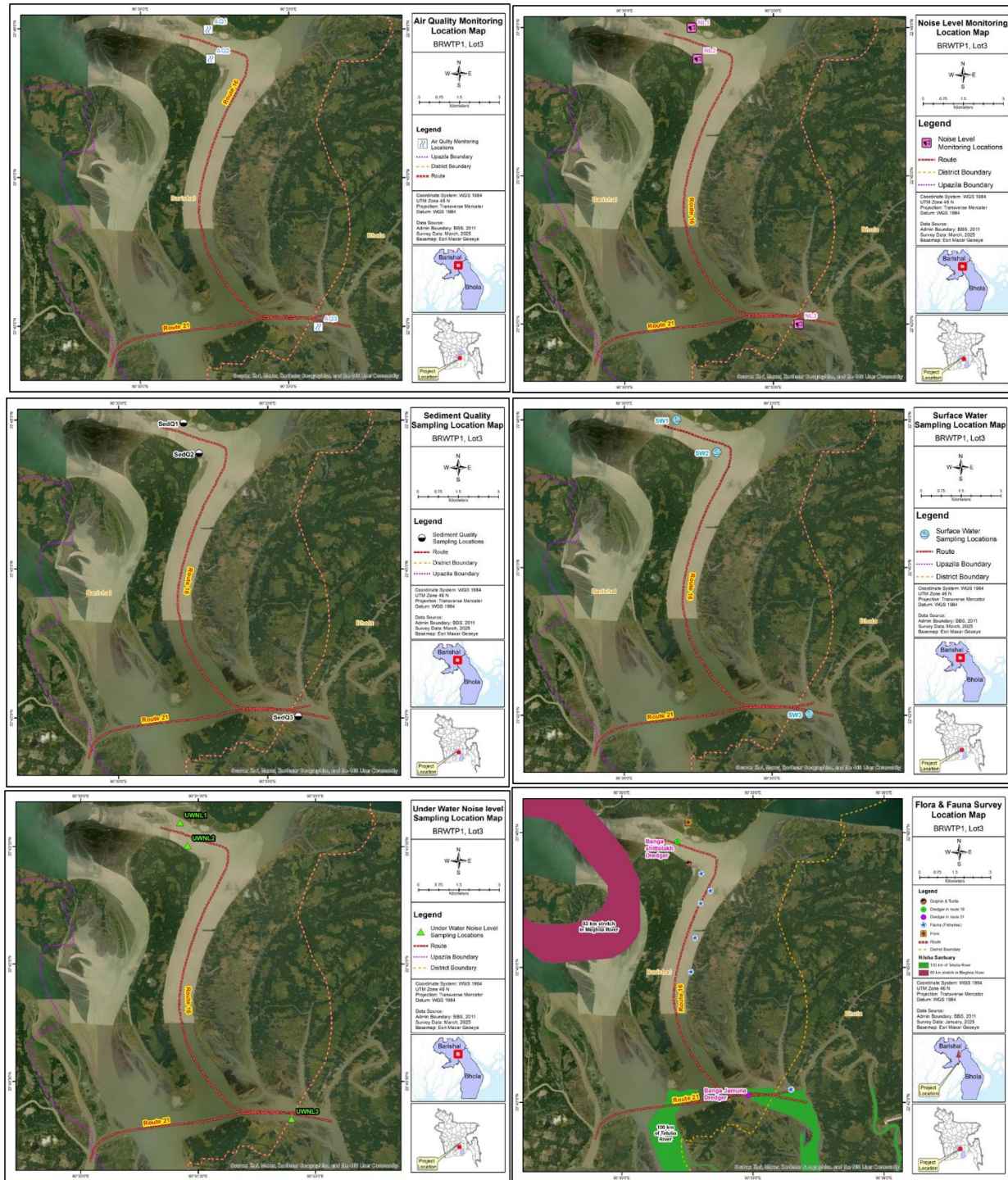


Figure 3: Air, Noise, Under Water Noise, Surface Water, Sediment Quality and Flora & Fauna Survey Location Map

ANNEX VII: Laboratory Test Results of Environmental Parameters Lot-2 and Lot-3, March 2025

LOT-2



Ref: ELRC/Air Quality/2024307912

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11
Monitoring Activity	:	Ambient Air Quality
Location	:	AQ1: Near Nouka Ghat, Daudkandi, Route-11 (23.540130° 90.714380°) AQ2: Near Baitus Sunnah Jame Mosque, Route-11 (23.542625° 90.713326°)
Monitoring Date	:	24.03.2025 to 25.03.2025
Reporting Date	:	08.04.2025

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m3					CO mg/m3
		SPM	PM10	PM2.5	SO2	NO2	
AQ1	24.03.2025	163.49	84.93	51.58	29.18	39.15	0.6
AQ 2	25.03.2025	158.72	78.26	49.51	25.19	36.32	0.6
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis Instrument Use: Haz-Scanner TM (HIM, 6000)		Particulates Sensor Light Scattering Nephelometer			High Sensitivity Electrochemical		

Note: *Air Pollution (Control) Rules, 2022

Legend: PM₁₀ -Particulate Matter of a diameter of 10 microns or less. PM_{2.5} -Particulate Matter of a diameter of 2.5 microns or less. SO₂ -Sulphur Dioxide; NO₂ -Nitrogen-Dioxide; CO -Carbon Monoxide



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Ref: ELRC/Noise Level/2025038216

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	: Noise Level
Location	: NL1: Near Nouka Ghat, Daudkandi, Route-11, (23.540115° 90.714435°) NL2: Near Baitus Sunnah Jame Mosque, Route-11, (23.542787° 90.713257°)
Monitoring Date	: 24.03.2025 to 25.03.2025
Reporting Date	: 08.04.2025

Description of Analysis:

Location	Noise level (dB(A))			Bangladesh Standard (dB(A)) *	IFC EHS Guideline (2007)	Location setting
	Leqday	Lmax	Lmin	Day	Day	
NL1	69.2	72.4	56.9	60	70	Mixed area
NL2	57.6	65.1	49.3	60	70	

Note:

*Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.



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Ref: ELRC/Underwater Noise Level/2025038217

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Monitoring Activity	: Noise Level
Location	: UWNL1: Gomati River; Route-11 (23.541980° 90.715720°)
Monitoring Date	: 24.03.2025
Reporting Date	: 08.04.2025

Description of Analysis:

Code	Location	L _{Avg} [dB (A)]	*Standard
UWNL1	Gomati River; Route-11	59.3	No International/ GoB Standard



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Ref: ELRC/Surface Water Quality/2025038218

Project Name	: BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	: SW1: Gomati River; Route-11 (23.544840° 90.716300°)
Location	: SW2: Gomati River; Route-11 (23.539405° 90.711969°)
	Amit kumar Saha
Sampling Date	: 24.03.2025 to 25.03.2025
Reporting Date	: 08.04.2025

Description of Analysis:

Parameters	Unit	Concentration Present		Bangladesh Standard
		SW1	SW2	
Temperature	°C	25.2	25.4	-
EC	µS/cm	390	376	-
Turbidity	NTU	4.3	4.6	-
pH	-	7.63	7.71	6-9
TDS	ppm	195	187	1000
DO	mg/L	5.9	5.7	5 of more
Potassium	mg/L	29	32	-
Calcium	mg/L	37	34	-
Magnesium	mg/L	23	24	-
Phosphate	mg/L	1.5	1.4	-
Chloride	mg/L	23	25	-
Fluoride	ppm	0.7	0.5	-
Nitrate	mg/L	0.9	0.7	7
BOD5 (at 20°C)	mg/L	4.6	4.3	6 of less
Sulfate	mg/L	23	26	-
TSS	mg/L	179	192	-

Note: Bangladesh Environment Conservation Rules, 1997 - Schedule 3 (Standards for Inland Surface Water). DO: Dissolved Oxygen; BOD: Biological Oxygen Demand; EC: Electric Conductivity; TDS: Total Dissolved Solids; TSS: Total Suspended Solids



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Ref: ELRC/Riverbed Sediment /2025038219

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	:	RBS-1: Gomati River; Route-11 (23.548370° 90.715830°)
Location	:	Amit Kumar Saha
Sampling Date	:	24.03.2025
Reporting Date	:	08.04.2025

Description of Analysis:

Parameter	Unit	Sediment Quality – Lot 2	Methodology	Dutch Environmental Standard (mg/kg)
		RBS-1		
Lead	mg/kg	12.86	ICPMS	85
Cadmium	mg/kg	0.075	ICPMS	0.8
Chromium	mg/kg	14.79	ICPMS	100
Zinc	mg/kg	18.22	ICPMS	140
Arsenic	mg/kg	1.53	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry



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Ref: ELRC/Dredge Material/20250382110

Project Name	:	BRWTP-1, LOT-2: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 3 & 4, 5, 6, 7 & 8, 9,10, and 11.
Description of Sample	:	Dredge Material
Location	:	DM-1: Donarchar ,Daudkandi, Route-11 (23°32'7.26"N 90°42'32.62"E)
Sampling Date	:	27-28.02.2025
Reporting Date	:	04.03.2025

Description of Analysis:

Parameter	Unit	Sediment Quality – Lot 2	Methodology	Dutch Environmental Standard (mg/kg)
		DMI		
Lead	mg/kg	11.29	ICPMS	85
Cadmium	mg/kg	0.08	ICPMS	0.8
Chromium	mg/kg	16.84	ICPMS	100
Zinc	mg/kg	14.11	ICPMS	140
Arsenic	mg/kg	1.81	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry



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LOT-3



Ref: ELRC/Air Quality/ AQMM2025-03

Project Name	: BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	: Ambient Air Quality
Monitoring Date	: 19.03.2025
Monitoring Location	: Route 16; (AQ-1)- 22°47'59.03"N 90°31'22.50"E Route 16; (AQ-2)- 22°47'23.52"N 90°31'25.37"E Route 21; (AQ-3)- 22°41'59.24"N 90°33'36.18"E

Description of Analysis:

Location	Sampling Date	Ambient Air Pollutants' Concentration in µg/m³					CO mg/m3
		SPM	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	
AQ-1 Route 16	19/03/2025	85.44	53.11	22.45	15.09	19.28	0.9
AQ-2 Route 16	19/03/2025	79.51	48.05	19.13	13.70	18.01	0.7
AQ-3 Route 21	19/03/2025	95.60	59.18	24.95	18.98	22.35	0.9
Air Pollution (control) rules, 2022*		-	150	65	80	80	5
Method of Analysis		Particulates Sensor			High Sensitivity		
Instrument Use:		Light Scattering Nephelometer			Electrochemical		
Haz-Scanner TM (HIM, 6000)							

Note: * Air Pollution (Control) Rules, 2022

Legend: PM₁₀-Particulate Matter of a diameter of 10 microns or less. PM_{2.5}-Particulate Matter of a diameter of 2.5 microns or less. SO₂-Sulphur Dioxide; NO₂-Nitrogen-Dioxide; CO -Carbon Monoxide

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Ref: ELRC/Noise Level/ NLMM2025-03

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	:	Noise Level
Location	:	NL1 22°47'59.68"N 90°31'21.10"E, (Route 16) NL2 22°47'21.72"N 90°31'28.57"E, (Route 16) NL3 22°41'59.78"N 90°33'30.88"E, (Route 21)
Monitoring Date	:	19.03.2025

Description of Analysis:

Location	Noise level (dB(A)) ¹			Bangladesh Standard (dB(A)) ²	IFC EHS Guideline (2007) ³	Location setting
	Leq _{day}	L _{max}	L _{min}	Day	Day	
NL1	77.16	90.22	39.14	-	-	-
NL2	65.72	88.08	35.90	-	-	-
NL3	75.41	93.55	37.06	-	-	-

Note:

*Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.

¹ A-weighted decibel, abbreviated dB(A), is an expression of the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, as the ear is less sensitive to low audio frequencies, especially below 1000 Hz, than to high audio frequencies.

²Ministry of Environment, Forest, and Climate Change. (2006). Noise Pollution (Control) Rules, 2006 (S.R.O. No. 212-Law/2006). The People's Republic of Bangladesh.

³ Guidelines values are for noise levels measured out of doors. Source: Guidelines for Community Noise, World Health Organization (WHO), 1999

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Ref: ELRC/ Underwater Noise Level/ UWNL2025-03

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Monitoring Activity	:	Underwater Noise Level
Location	:	UWNL1 22°47'58.46"N 90°31'12.00"E, Route 16 UWNL2 22°47'30.92"N 90°31'21.09"E, Route 16 UWNL3 22°42'2.74"N 90°33'26.18"E, Route 21
Monitoring Date	:	19.03.2025

Description of Analysis:

Code	Location	L _{Avg} [dB (A)]	*Standard
		[dB (A)]	
UWNL1	Route 16	68.7	No standard of International / GoB
UWNL2	Route 16	60.4	
UWNL3	Route 21	65.9	

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Ref: ELRC/Surface Water Quality/ SWMM2025-03

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 & 16, 17 and 21
Description of Sample	:	Surface Water
Location	:	Route- 16, & 21.
		SW1 - 22°48'0.30"N 90°31'3.53"E, Route 16
		SW2 - 22°47'20.71"N 90°31'52.48"E, Route 16
		SW3 - 22°42'1.74"N 90°33'45.63"E, Route 21
Sampling Date	:	19.03.2025

Description of Analysis:

Parameters	Unit	Concentration Present (Route -16, & 21)			Bangladesh Standard
		SW1	SW2	SW3	
Temperature	°C	25.8	26.8	27.9	-
EC	µS/cm	290	280	315	-
Turbidity	NTU	12.9	11.8	12.3	-
pH	-	7.32	7.85	8.18	6 - 9
TDS	ppm	145	140	165	1000
DO	mg/L	6.7	7.1	6.4	5 or more
Potassium	mg/L	8.7	8.3	13.9	-
Calcium	mg/L	27	30	33	-
Magnesium	mg/L	8.1	8.5	9.9	-
Phosphate	mg/L	0.6	0.9	0.8	0.05
Chloride	mg/L	9.5	8.9	7.9	-
Fluoride	ppm	0.21	0.17	0.07	-
Nitrate	mg/L	1.4	1.9	1.3	7.0
BOD5 (at 20°C)	mg/L	5.4	5.1	5.8	6 or less
Sulfate	mg/L	21	26	23	-
TSS	mg/L	55	50	44	-

Note: * Bangladesh Environment Conservation Rules-2023, Schedule 2(Ka) (Water Usable for Fisheries). DO: Dissolved Oxygen; BOD: Biological Oxygen Demand; EC: Electric Conductivity; TDS: Total Dissolved Solids; TSS: Total Suspended Solids

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Ref: ELRC/ Riverbed sediment / SDMM2025-03

Project Name	:	BIWTP -1, LOT-3: OPBC Works of Development Dredging with maintenance and Aids to Navigation with installation along inland waterway Routes- 12,13,13a, 15 &16, 17 and 21
Description of Sample	:	Riverbed sediment – Lot 3
Sampling Date	:	19.03.2025

Location Details:

Code	Route No.	GPS Location
SedQ1	Route 16	22°47'56.76"N 90°31'18.42"E
SedQ2	Route 16	22°47'19.99"N 90°31'37.17"E
SedQ3	Route 21	22°42'2.16"N 90°33'37.16"E

Description of Analysis:

Parameter	Unit	Riverbed sediment – Lot 3			Methodology	Dutch Environmental standard (mg/kg)
		SedQ1	SedQ2	SedQ3		
Lead	mg/kg	8.78	8.99	9.57	ICPMS	85
Cadmium	mg/kg	0.067	0.075	0.071	ICPMS	0.8
Chromium	mg/kg	21.30	25.44	22.56	ICPMS	100
Zinc	mg/kg	28.67	26.73	32.56	ICPMS	140
Arsenic	mg/kg	2.11	2.55	2.34	ICPMS	29

Note: ICPMS - Inductively coupled plasma mass spectrometry

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ANNEX VIII:

Checklist of Dredging and ESHS Activities Lot-2 & Lot-3, March, 2025

Checklists, Lot-2

Table 6: Checklist on ESHS Activities Lot-2 March, 2025

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	
	3	Signboards, Notice Boards	○	○	√	
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Supervised in 24 March and 25 March at Route-11
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	Route no. 11
	2	Habitat Type	○	√	○	Route no. 11
	3	Hydrology	○	√	○	Route no. 11
	4	Topography and Geology	○	√	○	Route no. 11
	5	Dolphin Observation	○	√	○	Route no. 11
	6	Fish Catch Examination	○	√	○	Route no. 11
	7	Flora (Aquatic & Terrestrial)	○	√	○	Route no. 11
	8	Benthos (Micro & Macro)	○	√	○	Route no. 11
	9	Phyto- & Zoo-planktons	○	√	○	Route no. 11
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed
	5	Accident Prevention Measures	○	√	○	Contractors ESHS team visiting site and concerning all the Manpower
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc observed at site.
	9	Drinking Water	√	○	○	Freshwater daily collect from tube well
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat
6. Dredged Material Disposal Area	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no.05 for route 11 construction ongoing.
	4	Dyke Setback Distance	○	√	○	500m and 1000m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 1.875m (avg) for Route no.09, and Height 1.8m for Route no.11
	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
7. Dredger	1	Carbon Emission	○	○	√	Not found/observed at site for all route in lot-2
	2	Leakage	○	○	√	
	3	Oil Spill	○	○	√	
	4	Onboard Waste Management	○	○	√	
	5	Noise and Vibration	○	○	√	

Table 7: Environmental Monitoring Checklist, Lot-2 March, 2025

Category	Environmental Item	Main Check Items	Yes: Y No: N
1. Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process?	Y
		(b) Have EIA reports been approved by authorities of the host country's government?	Y
		(c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied?	Y

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	Y
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders?	Y
	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	Y
2. Physical Environmental Parameters Monitoring	(1) Air Quality	(a) Do air pollutants, such as sulfur oxides (SOx), nitrogen oxides (NOx), soot and dust emitted from the ships, vehicles and the facilities like docs comply with the country's emission standards? Are any mitigating measures taken?	Y
	(2) Water Quality	(a) Do pollutants, such as Suspended Solids (SS), oils/fats and other toxicants contained in effluents comply with the country's effluent standards (BOD, COD, ph, etc)? Is there a possibility that the effluents from the project will cause areas not to comply with the country's ambient water quality standards?	Y
		(b) Are adequate measures taken to prevent contamination of surface water, groundwater and soil by the effluents from storage areas, including raw materials, chemicals, and wastes?	N
	(3) Wastes	(a) Are wastes (including hazardous wastes and other industrial wastes) generated from the project facilities properly treated and disposed of in accordance with the country's regulations?	N
		(b) Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	N
	(4) Noise and Vibration	(a) Do noise and vibrations comply with the country's standards?	N
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	N
	(6) Odor	(a) Are there any odor sources? Are adequate odor control measures taken?	N
	(7) Riverbed Sediment	(a) Sediment collection in presence of S1A team members/staff?	Y
		(b) Samples sent to the laboratory within 12 hours?	Y
		(c) If sample results showed presence of heavy metal, treatment measures like separate compartment for disposal of dredged material taken by the Contractor	N
	(8) Groundwater	Samples collected and analyzed	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
3. Natural Environment	(1) Protected Areas	(a) Is the project site located in protected areas designated by the country's laws or international treaties and conventions? Is there a possibility that the project will affect the protected areas?	N
	(2) Ecosystem/Habitat Type	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., Char land, reedland, mangroves, or tidal flats)?	N
		(b) Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions?	N
		(c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem?	N
		(d) Is there a possibility that the amount of water (e.g., surface water, groundwater) used by the project will adversely affect aquatic environments?	N
		(e) Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	N
	(3) Topography and Geology	(a) Is the stability of the existing topographic conditions adequately considered for alteration of topographic features, such as cut and fill operations?	N
		(b) Is there a possibility that soil runoffs will result from cut and fill areas, waste soil disposal sites, and borrow sites?	N
		(c) Are adequate mitigation measures taken to prevent soil runoffs?	N
		(d) Is there any possibility that the project will erode natural river bank, forshore area, beaches?	N
	(4) Dolphin Observation	(a) Exclusive time spent for observing dolphins?	N
	(5) Fish Catch Examination	(a) Fishermen upstream and downstream of dredging site interviewed and catch examined? Types of gears used?	Y
	(6) Flora (Aquatic & Terrestrial)	(a) Flora surveyed around the dredging and dredged material disposal sites	N
	(7) Benthos (Micro and Macro)	(a) Sampling done and analyzed, report submitted	Y
	(8) Phyto- & Zoo-Planktons	(a) Sampling done and analyzed, report submitted	Y
4. Social Environment	(1) Resettlement	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement?	N
		(b) Is adequate explanation on compensation and resettlement assistance given to affected people prior to resettlement?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(c) Is the resettlement plan, including compensation with full replacement costs, restoration of livelihoods and living standards developed based on socioeconomic studies on resettlement?	N
		(d) Are the compensations going to be paid prior to the resettlement?	N
		(e) Are the compensation policies prepared in document?	N
		(f) Does the resettlement plan pay particular attention to vulnerable groups or people, including women, children, the elderly, people below the poverty line, ethnic minorities, and indigenous peoples?	N
		(g) Are agreements with the affected people obtained prior to resettlement?	N
		(h) Is the organizational framework established to properly implement resettlement? Are the capacity and budget secured to implement the plan?	N
		(i) Are any plans developed to monitor the impacts of resettlement?	N
		(j) Is the grievance redress mechanism established?	N
	(2) Living and Livelihood	(a) Is there a possibility that the project will adversely affect the living conditions of inhabitants? Are adequate measures considered to reduce the impacts, if necessary?	N
		(b) Is sufficient infrastructure (e.g., hospitals, schools, and roads) available for the project implementation? If the existing infrastructure is insufficient, are any plans developed to construct new infrastructure or improve the existing infrastructure?	N
		(c) Is there a possibility that large vehicles traffic for transportation of materials, such as raw materials and products will have impacts on traffic in the surrounding areas, impede the movement of inhabitants, and cause any risks to pedestrians?	N
		(d) Is there a possibility that diseases, including infectious diseases, such as HIV, will be brought due to the immigration of workers associated with the project? Are adequate considerations given to public health, if necessary?	N
	(3) Heritage	(a) Is there a possibility that the project will damage the local archeological, historical, cultural, and religious heritage sites? Are adequate measures considered to protect these sites in accordance with the country's laws?	N
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	N
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
	(6) Working Conditions	(b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	N
		(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project?	N
		(b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials?	N
		(c) Are intangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public sanitation) for workers etc.?	N
		(d) Are appropriate measures being taken to ensure that security guards involved in the project do not violate safety of other individuals involved, or local residents?	N
5. Others	(1) Impacts during dredging/construction	(a) Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	N
		(b) If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce the impacts?	N
	(2) Accident Prevention Measures	(a) Does the project have any accident prevention equipment and scheme to store, emit and transport toxic and hazardous materials?	N
	(3) Monitoring	(a) Does the proponent develop and implement monitoring program for the environmental items that are considered to have potential impacts?	N
		(b) What are the items, methods and frequencies of the monitoring program?	N
		(c) Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)?	N
		(d) Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	N

Table 8: Checklist on Dredging Activities Lot-2 March 2025

Checklist Items	Dredging Activity	Comments/Compliance
-----------------	-------------------	---------------------

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

		Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)	○	○	√	
2	Connectivity with BM & TBM	○	○	√	
3	Study Hydrographic Chart	○	○	√	
4	Fixing Cutting Depth respect to existing WL as per design depth	○	○	√	
5	Checking Dredging Alignment	○	○	√	
6	Checking Dredged Activities as below;				Dredged Activities for the month of March, 2025
	a Dredging Hours	○	√	○	Total Dredging Hours 293.10hrs Route 05 is 16hrs(Approximately) Excavation by Long boom Excavator. Route 09 is 00:00hrs Route 11 is 277:10hrs(Approximately)
	b Cutting Length	○	√	○	Total length is 588m Route 05 length is 10m Route 09 length is 000m Route 11 length is 578m
	c Cutting Depth	○	√	○	Average Cutting Depth for Route 05 is 2m(Ashuganj Cargo Terminal Area),Route 09 is 00m & Route 11 is 1.36m
	d Cutting Width	○	√	○	Cutting Width Route 05 is 20m , Route 09 is 00m & Route 11 is 76m
	e Dredged Volume	○	√	○	Total Dredged Volume =28066.58 cum Route 05 is 400cum(Approximately) Route 09 is 000cum Route 11 is 27666.58cum
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design	○	√	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials	○	√	○	It is observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment	○	√	○	Using 3rs/2nrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank	○	√	○	150m and 200m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines	○	√	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of River side installations like Road/houses/buiding.	○	√	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe distance maintained from river Bank
13	Check Survey Activities	○	√	○	Monitoring survey work for *Route no-11 Gumti(Meghna loop approaching Dautkandi) on dated 27-02-2025 to 03-03-2025. *Route no-06 Meghna (Nabinagar Loop joining route-05) on dated 05-03-2025 to 08-03-2025. *Route no-07&08 Meghna (Narsingdi Northern & Southern approaches) on dated 11-03-2025 to 13-03-2025.

Table 9: Grievance Redressal Mechanism (GRM) Checklist, Lot-2 March 2025

Grievance Redressal Mechanism (GRM) Checklist, BRWTP-S1A

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

SI no	Factors	Checklist Items	Dredging Activity				Comments/Compliance
			Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1 The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	√	There are a GRM committee with 5 persons here.
		2 Contact details for lodging grievance easily accessible.	○	○	○	√	
2	Community Engagement	1 Consultations have been conducted with local communities, dredging contractors to collect their input on the GRM design.	○	○	○	√	
		2 The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	√	
		3 FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	√	
3	Grievance Channels	1 The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform , drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1 Dyke/Land selection survey.	○	○	√	○	Route no.09 & Route 11
		2 Opinion meeting with land owner along with inform to the contractor and S1A team for justifying land as dyke.	○	○	√	○	
		3 GFA documentation collection.	○	○	√	○	
		4 GFA will be submitted to S1A.	○	○	√	○	
		5 FGD on GFA with the Locals	○	○	○	√	
5	Constitution of GRM Protocol	1 Preparation of GRM Protocol and Greivance Redres Committee (GRC) will be Constituted by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1 For receive feedback, suggestions and complain letters.	○	○	√	○	There are 3 complain box in site. One box is in office, one box in houseboat and onther is open road site.
7	Establish a Signboard	1 The size (5/15) of Bill board will according the BOQ	○	○	√	○	There is a signboard in front of office.
		2 Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_2
8	3 (three) tyers of the GRM Comittee will be formed	1 Local level GRC (Committee members 05, quorum fullfill at least 03) -Project related issues.	○	○	○	√	
		2 Contractor level GRC (Committee members 03, quorum fullfill at least 03)- GBV, CoC, Contractors workers occurance etc. related issues.	○	○	○	√	
		3 Project level GRC (Committee members 03, quorum fullfill at least 03)	○	○	○	√	
9	Capacity Building	1 Project staffs and local institutions have received training on the GRM, GBV related issues and its operation.	○	○	○	√	

Grievance Redressal Mechanism (GRM) Checklist, BRWTP-S1A

SI no	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
10	Leaflet/ Brochure	1	The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	There is no leaf let in the site.
11	Monitoring, Reporting & documentation	1	The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book / Decision book & Closing book)	○	○	√	○	Route no.09 & 11
12	Social Consultation	1	Local Community	○	○	√	○	Route no.09 & 11
		2	Land Owner	○	○	√	○	Route no.09 & 11
		3	Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1	Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of February, 2025
		2	Sexual violence by a non-peer	○	○	○	√	
		3	Child sexual abuse & forced marriage	○	○	○	√	
		4	Sexual exploitation & abuse	○	○	○	√	
		5	Sexual harassment	○	○	○	√	
		6	In case of emergency, the local level GRC will address the matter within 04 -12 hours.	○	○	○	√	When required

Checklists, Lot-3

Table 10: Checklist on Dredging Activities Lot-3, March 2025

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
1	Gauge reading & Water level (WL)	○	○	√	
2	Connectivity with BM & TBM	○	○	√	
3	Study Hydrographic Chart	○	○	√	
4	Fixing Cutting Depth respect to existing WL as per design depth	○	○	√	
5	Checking Dredging Alignment	○	○	√	
6	Checking Dredged Activities as below;				Dredged Activities for the month of March, 2025
	a Dredging Hours	○	√	○	Total Dredging Hours 181 hrs (Route 21 is 108.10 hrs, Route 16 is 72.15 hrs & Route 13 is 00:00hrs)
	b Cutting Length	○	√	○	Total length is 1152 m Route 21 length 770 m Route 16 length 382 m Route 13 length 00 m
	c Cutting Depth	○	√	○	Average Cutting Depth for Route 21 is 1.5m, route 13 is 00:00 m and route 16 is 2.00m
	d Cutting Width	○	√	○	Cutting Width Route 21, 16 is 76m
	e Dredged Volume	○	√	○	Total Dredged Volume 73709.00 cum (Route 21 is 43881 cum, Route 13 is 00.00cum & Route 16 is 29828.00 cum)
7	Supervising Dredged Material Disposal Area whether the Dykes are designed as per Design	○	√	○	Supervised together with dredging experts during the new dyke construction and it is observed that Dykes are maintained as per Design
8	Supervising Dredged Material Disposal Area whether the Dykes are capable to resist the pressure of disposed materials	○	√	○	It is observed that new dyke boundary wall maintained proper design thickness, slope, layer of compaction, 20m/30m safe distance from river bank.
9	Checking outlet of the compartment	○	√	○	Using 5rs/4hrs of outlet of this compartment
10	Check whether the dykes are being constructed at safe distance from river bank	○	√	○	200m, 800m safe distance from the river bank
11	Check construction of the pipe line whether there is any leakage in the Joints of Floating Pipe/Shore pipe lines	○	√	○	No leakage observed in the Joints of Floating Pipe/Shore pipe lines
12	Check whether dredging work exacting Keeping Safety distance of River side installations like Road/houses/building.	○	√	○	It is observed that contractor maintained 100m from safe distance from Road/Houses/building and 20m-30m safe distance maintained from river Bank

Checklist Items		Dredging Activity			Comments/Compliance
		Daily	Monthly	When and As Required	
13	Check Survey Activities	○	√	○	1.Engineering survey work done for lot 3 Route number 13 (Alubazar-Aathajar) on dated 01.03.2025 2.Hydrographic Post Survey work at Route number 21 (Laharhat-Bheduriya) on dated.01.03.2025 3.Hydrographic Post Survey work at Route number 16 (Patarhat-Bheduriya) on dated.02.03.2025 4.Hydrographic Post survey work done for lot 3 Route number 13 (Alubazar-Aathajar) on dated 04.03.2025

Table 11: Checklist on ESHS Activities Lot-3 March 2025

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
1. Permits and Explanation	1	EIA and Environmental Permits	○	○	√	
	2	Explanation to the Local Stakeholders	○	○	√	
	3	Signboards, Notice Boards	○	○	√	Not found/observed at site for all route in lot_3
2. Physical Environmental Parameters Monitoring	1	Air Quality	○	√	○	Test done for Route no. 16 & 21 only on dated 18.03.2025; 19.03.2025 & 20.03.2025
	2	Surface Water Quality	○	√	○	
	3	Solid Wastes	○	√	○	
	4	Liquid Wastes	○	√	○	
	5	Soil Contamination	○	√	○	
	6	Noise and Vibration	○	√	○	
	7	Underwater Noise	○	√	○	
	8	Odor	○	√	○	
	9	Riverbed Sediment	○	√	○	
	10	Groundwater	○	√	○	
3. Natural Environment	1	Protected Areas	○	√	○	
	2	Habitat Type	○	√	○	
	3	Hydrology	○	√	○	
	4	Topography and Geology	○	√	○	
	5	Dolphin Observation	○	√	○	
	6	Fish Catch Examination	○	√	○	
	7	Flora (Aquatic & Terrestrial)	○	√	○	
	8	Benthos (Micro & Macro)	○	√	○	
	9	Phyto- & Zoo-planktons	○	√	○	
4. Social Environment	1	Resettlement	○	○	√	
	2	Living and Livelihood	○	○	√	
	3	Heritage	○	○	√	
	4	Landscape	○	○	√	
	5	Ethnic Minorities and Indigenous Peoples	○	○	√	
5. Occupational Health Safety	1	Work Permit/Contract	○	○	√	
	2	Daily Toolbox Meeting - OHS	○	○	√	
	3	Working Conditions	○	√	○	Fair
	4	Impact/Precaution during Dredging	○	○	√	Not any major issue observed

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Factors	Checklist Items		Dredging Activity			Comments/Compliance
			Daily	Monthly	Quarterly	
	5	Accident Prevention Measures	○	√	○	not found
	6	Working Condition	√	○	○	Fair
	7	Accommodation	√	○	○	House Boat
	8	Personal Protection Equipment	√	○	○	Safety helmet, Safety vest, safety shoes, Hand gloves etc store at site but do not wear or maintain properly
	9	Drinking Water	√	○	○	Freshwater daily collect from tube well of nearby village
	10	Sanitary Condition	√	○	○	Good arrangement kept in House boat
6. Dredged Material Disposal Area	1	Agreement with Land Owner	○	○	√	Process ongoing
	2	Land Use Type	○	√	○	Once or twice cultivated land in a year and also some non-cultivated fellow land
	3	Dyke Design Approval	○	√	○	Dyke no. 23 for route 21 construction.
	4	Dyke Setback Distance	○	√	○	500m safe distance from the river bank
	5	Disposal Area Dyke Height	○	√	○	Height 2.5m (avg) for Route no.21, Height 2.0m for Route no.16 and Height 1.8m for Route no.13
	6	Dyke Strengthened/Material Used*	○	○	√	When required then used
7. Dredger	1	Carbon Emission	○	○	√	Very low by dredgers
	2	Leakage	○	○	√	Not observed or not found in lot 3
	3	Oil Spill	○	○	√	Visibly very less observed from dredgers and oil tanker
	4	Onboard Waste Management	○	○	√	Not satisfactory or poor management
	5	Noise and Vibration	○	○	√	Very low by dredgers

Table 12: Environmental Monitoring Checklist, Lot-3 March, 2025

Category	Environmental Item	Main Check Items	Yes: Y No: N
1. Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process?	Y
		(b) Have EIA reports been approved by authorities of the host country's government?	Y
		(c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied?	Y
		(d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	Y
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders?	Y
	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	Y

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Category	Environmental Item	Main Check Items	Yes: Y No: N
2. Physical Environmental Parameters Monitoring	(1) Air Quality	(a) Do air pollutants, such as sulfur oxides (SOx), nitrogen oxides (NOx), soot and dust emitted from the ships, vehicles and the facilities like docks comply with the country's emission standards? Are any mitigating measures taken?	Y
	(2) Water Quality	(a) Do pollutants, such as Suspended Solids (SS), oils/fats and other toxicants contained in effluents comply with the country's effluent standards (BOD, COD, ph, etc)? Is there a possibility that the effluents from the project will cause areas not to comply with the country's ambient water quality standards?	Y
		(b) Are adequate measures taken to prevent contamination of surface water, groundwater and soil by the effluents from storage areas, including raw materials, chemicals, and wastes?	N
	(3) Wastes	(a) Are wastes (including hazardous wastes and other industrial wastes) generated from the project facilities properly treated and disposed of in accordance with the country's regulations?	N
		(b) Are adequate measures taken to prevent contamination of soil and groundwater by leachates from the waste storage/disposal sites?	N
	(4) Noise and Vibration	(a) Do noise and vibrations comply with the country's standards?	Y
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	N
	(6) Odor	(a) Are there any odor sources? Are adequate odor control measures taken?	N
	(7) Riverbed Sediment	(a) Sediment collection in presence of SIA team members/staff?	Y
		(b) Samples sent to the laboratory within 12 hours?	Y
(c) If sample results showed presence of heavy metal, treatment measures like separate compartment for disposal of dredged material taken by the Contractor		N	
(8) Groundwater	Samples collected and analyzed	N	
3. Natural Environment	(1) Protected Areas	(a) Is the project site located in protected areas designated by the country's laws or international treaties and conventions? Is there a possibility that the project will affect the protected areas?	N
	(2) Ecosystem/Habitat Type	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., Char land, reedland, mangroves, or tidal flats)?	N
		(b) Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions?	N
		(c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem?	N

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(d) Is there a possibility that the amount of water (e.g., surface water, groundwater) used by the project will adversely affect aquatic environments?	N
		(e) Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	N
	(3) Topography and Geology	(a) Is the stability of the existing topographic conditions adequately considered for alteration of topographic features, such as cut and fill operations?	N
		(b) Is there a possibility that soil runoffs will result from cut and fill areas, waste soil disposal sites, and borrow sites?	N
		(c) Are adequate mitigation measures taken to prevent soil runoffs?	N
		(d) Is there any possibility that the project will erode natural river bank, forshore area, beaches?	N
	(4) Dolphin Observation	(a) Exclusive time spent for observing dolphins?	Y
	(5) Fish Catch Examination	(a) Fishermen upstream and downstream of dredging site interviewed and catch examined? Types of gears used?	Y
	(6) Flora (Aquatic & Terrestrial)	(a) Flora surveyed around the dredging and dredged material disposal sites	N
	(7) Benthos (Micro and Macro)	(a) Sampling done and analyzed; report submitted	Y
	(8) Phyto- & Zoo-Planktons	(a) Sampling done and analyzed; report submitted	Y
4. Social Environment	(1) Resettlement	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement?	N
		(b) Is adequate explanation on compensation and resettlement assistance given to affected people prior to resettlement?	N
		(c) Is the resettlement plan, including compensation with full replacement costs, restoration of livelihoods and living standards developed based on socioeconomic studies on resettlement?	N
		(d) Are the compensations going to be paid prior to the resettlement?	N
		(e) Are the compensation policies prepared in document?	N
		(f) Does the resettlement plan pay particular attention to vulnerable groups or people, including women, children, the elderly, people below the poverty line, ethnic minorities, and indigenous peoples?	N
		(g) Are agreements with the affected people obtained prior to resettlement?	N
		(h) Is the organizational framework established to properly implement resettlement? Are the capacity and budget secured to implement the plan?	N
		(i) Are any plans developed to monitor the impacts of resettlement?	N

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

Category	Environmental Item	Main Check Items	Yes: Y No: N
		(j) Is the grievance redress mechanism established?	N
	(2) Living and Livelihood	(a) Is there a possibility that the project will adversely affect the living conditions of inhabitants? Are adequate measures considered to reduce the impacts, if necessary?	N
		(b) Is sufficient infrastructure (e.g., hospitals, schools, and roads) available for the project implementation? If the existing infrastructure is insufficient, are any plans developed to construct new infrastructure or improve the existing infrastructure?	N
		(c) Is there a possibility that large vehicles traffic for transportation of materials, such as raw materials and products will have impacts on traffic in the surrounding areas, impede the movement of inhabitants, and cause any risks to pedestrians?	N
		(d) Is there a possibility that diseases, including infectious diseases, such as HIV, will be brought due to the immigration of workers associated with the project? Are adequate considerations given to public health, if necessary?	N
	(3) Heritage	(a) Is there a possibility that the project will damage the local archeological, historical, cultural, and religious heritage sites? Are adequate measures considered to protect these sites in accordance with the country's laws?	N
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	N
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples?	N
		(b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	N
	(6) Working Conditions	(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project?	N
		(b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials?	N
		(c) Are intangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public sanitation) for workers etc.?	N
		(d) Are appropriate measures being taken to ensure that security guards involved in the project do not violate safety of other individuals involved, or local residents?	N

Category	Environmental Item	Main Check Items	Yes: Y No: N
5. Others	(1) Impacts during dredging/construction	(a) Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	N
		(b) If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce the impacts?	N
	(2) Accident Prevention Measures	(a) Does the project have any accident prevention equipment and scheme to store, emit and transport toxic and hazardous materials?	N
	(3) Monitoring	(a) Does the proponent develop and implement monitoring program for the environmental items that are considered to have potential impacts?	N
		(b) What are the items, methods and frequencies of the monitoring program?	N
		(c) Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)?	N
		(d) Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	N

Table 14: Grievance Redressal Mechanism (GRM) Checklist, Lot-3 March 2025

GRM Checklist, BRWTP-SIA								
Sl no.	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
1	Legal and Regulatory Compliance	1	The contractors communicate to all the stakeholders regarding GRM processing and lodging complaints.	○	○	○	√	
		2	Contact details for lodging grievance easily accessible.	○	○	○	√	
2	Community Engagement	1	Consultations have been conducted with local communities, dredging contractors to collect their input on the GRM design.	○	○	○	√	
		2	The preferences of social customs and cultural sensitivities of the project affected communities taken into consideration.	○	○	○	√	
		3	FGD on GRM with the Project Affected Persons (PAPs)	○	○	○	√	
3	Grievance Channels	1	The multiple accessible channels available for the stakeholders to submit their grievances. (e.g., toll-free hotline, online platform, drop box, post, landline/mobile phone and e-mail).	○	○	○	√	
4	Processing of GFA (Good Faith Agreement)	1	Dyke/Land selection survey.	○	○	√	○	Route no.21; Route no. 21 & Route no. 16
		2	Opinion meeting with land owner along with inform to the contractor and SIA team for justifying land as dyke.	○	○	√	○	
		3	GFA documentation collection.	○	○	√	○	

Consultancy Services for: Supervision and Monitoring of Performance-Based Dredging Contracts with Maintenance Dredging and Installation and Maintenance of Navigational Aids along the Navigational Routes under the Contract

GRM Checklist, BRWTP-S1A

SI no.	Factors	Checklist Items		Dredging Activity				Comments/Compliance
				Daily	Weekly	Monthly	Quarterly	
		4	GFA will be submitted to S1A.	○	○	√	○	
		5	FGD on GFA with the Locals	○	○	○	√	
5	Constitution of GRM Committee	1	Preparation of GRM Committee Constituion by the Contractors.	○	○	○	√	
6	Establish a Complaint Box	1	Nos. of Feedback, concerned, suggestions and complain letters.	○	○	√	○	Not found/observed at site for all route in lot_3
7	Establish a Signboard	1	The size (5/15) of Bill board will according the BOQ	○	○	√	○	Not found/observed at site for all route in lot_3
		2	Name, Mobile number and email of the focal person will be included in the Bill board.	○	○	√	○	Not found/observed at site for all route in lot_3
8	3 (three) tiers of the GRM Comittee will be formed	1	Local level GRC [In a five (5) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		2	Contractor level GRC [In a five (3) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
		3	Project level GRC [In a five (3) members committee meeting Three (3) members participation will be the quorum]	○	○	○	√	Local level GRC committee formed by Banga contractor on dated 14th October,2023
9	Capacity Building	1	Project staffs and local institutions have received training on the GRM and its operation.	○	○	○	√	
10	Leaflet/ Brochure	1	The Leaflet/ Brochure will be published for dissemination to all the stakeholders.	○	○	○	√	
11	Monitoring, Reporting & documentation	1	The regular reports generated to document the number, nature, and resolution of grievances (Registration Book, Resolution book or Decision book & Closing book)	○	○	√	○	Route no.21, 16 & 13
12	Social Consultation	1	Local Community	○	○	√	○	Route no.21, 16 & 13
		2	Land Owner	○	○	√	○	Route no.21, 16 & 13
		3	Local Government Authority	○	○	○	√	no
13	Gender-Based Violence (GBV)	1	Sex Violence by an intimate partner	○	○	○	√	None of these has been found/observed for the month of March, 2025
		2	Sexual violence by a non-peer	○	○	○	√	
		3	Child sexual abuse& forced marriage	○	○	○	√	
		4	Sexual exploitation & abuse	○	○	○	√	
		5	Sexual harassment	○	○	○	√	
		6	In case of emergency, the local level GRC will address the matter within 4 -12 hours.	○	○	○	√	When required