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Government of the People's Republic of Bangladesh  
Department of Environment  
Head Office, Paribesh Bhaban  
E-16 Agargaon, Dhaka-1207  
[www.doe.gov.bd](http://www.doe.gov.bd)

প্রকল্প পরিচালকের কার্যালয় বিআবডব্লিউটিপি-১ প্রকল্প বিআইডব্লিউটিএ, ঢাকা	
ডায়েরী নং : ৪০৫	তারিখ : ২৭/০৬/১৯
প্রকল্প পরিচালক	
প্রধান (ফাইন্যান্স এন্ড এ্যাজমিন সেল)	
প্রধান (প্রকিউরমেন্ট সেল)	
প্রধান (সেইংগার্ড সেল)	
প্রধান (সিটিং ওয়ার্কস সেল)	

Memo No: DOE/Clearance/5547/2016/ 234

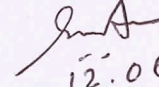
Date: 27/06/2019

**Subject: Environmental Clearance Certificate for the Proposed Dredging Activity in Chattogram-Dhaka-Ashuganj IWT Corridor along with associated linked routes and construction of terminal with allied infrastructure under the Bangladesh Regional Waterway Transport Project-1.**

Ref: Your application dated 19/02/2019 and 16/05/2019.

Please refer to your letter on the captioned above, I have the pleasure to convey the approval of Environmental Impact Assessment (EIA) as well as provide Environmental Clearance Certificate for the Proposed Dredging Activity in Chattogram-Dhaka-Ashuganj IWT Corridor along with associated linked routes and construction of terminal with allied infrastructure under the Bangladesh Regional Waterway Transport Project-1.

A copy of the said Environmental Clearance Certificate is attached herewith for your kind information and necessary action at your end.

  
12.06.19  
(Syed Nazmul Ahsan)  
Director (Environmental Clearance)  
Phone # 8181673

**Project Director**

Bangladesh Regional Waterway Transport Project-1 (BRWTP-1)  
Bangladesh Inland Water Transport Authority (BIWTA)  
BSC Tower (21<sup>st</sup> Floor), Rajuk Avenue, Plot No. 2 & 3  
Motijheel, Dhaka-1000.

**Copy Forwarded to :**

- 1) The Secretary, Ministry of Environment, Forest and Climate Change, Bangladesh Secretariat, Dhaka.
- 2) Chairman, Bangladesh Inland Water Transport Authority (BIWTA), BIWTA Bhaban, 141-143, Motijheel, Dhaka.
- 3) Director, Department of Environment, Dhaka/Chattogram Regional/Barishal Divisional Office, Dhaka, Chattogram, Barishal.
- 4) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.

**Environmental Clearance Certificate**

Section 12 of the Environment Conservation Act, 1995 (Amended 2010)

**Clearance Certificate Number:** Z 34

**File number:** DOE/Clearance/5547/2016

**Clearance Certificate Issue Date:** 12, June, 2019

**Renewal date not later than:** 11, June, 2020

**A. Clearance Certificate Type**

Environmental Clearance Certificate

**B. Clearance Certificate Holder**

**Project Director**

Bangladesh Regional Waterway Transport Project-1 (BRWTP-1)  
Bangladesh Inland Water Transport Authority (BIWTA)  
BSC Tower (21<sup>st</sup> Floor), Rajuk Avenue, Plot No. 2 & 3  
Motijheel, Dhaka-1000.

**C. Premises to which this Clearance Certificate Applies**

Dredging in Chattogram-Dhaka-Ashuganj IWT Corridor along with associated linked routes and construction of terminal with allied infrastructure.

**D. Activities for which this Clearance Certificate Authorizes and Regulates**

This Project comprises with distinct physical components: These are-

- 1) Improvement of navigability of Dhaka-Munshiganj-Gazaria-Chandpur-Chattogram River route
- 2) Three associated river routes: Munshiganj-Demra-Ghorashal River route, Munshiganj-Ashuganj River route and connecting routes (emerged from Dhaka-Chattogram route) approaching to Barishal
- 3) Three ferry crossing routes (Chandpur-Shariatpur, Lakhmipur-Bhola and Beduaria-Laharhat)
- 4) Six vessel shelters on the threat of cyclones and norwesterly at proposed locations along the routes.
- 5) Upgradation works of 15 existing Landings Stations/Launch Ghats
- 6) Development of new general cargo terminal on the Buriganga river adjacent to the existing Pangaon container terminal and upgradation works in Ashuganj cargo terminal
- 7) Upgradation and modernization works in existing Passenger terminals at Chandpur, Barishal and Narayanganj including DEPTC
- 8) Development of new Passenger terminal with access and necessary





infrastructures works at Shasanghat at Dhaka

**E. Terms and Conditions for Environmental Clearance Certificate**

1. **Limit Condition for Discharges to Air and Water:** The Environmental Clearance Certificate must comply with the Environment Conservation Rules, 1997.
2. **Noise Limit:** The Environmental Clearance Certificate must comply with the Noise Pollution (Control) Rules, 2006

In case of non-coverage of ECR 1997, the World Bank Environment, Health and Safety Guideline shall be adhered to.

**3. Operating Conditions:**

- 3.1 Activities must be carried out in a competent manner. This includes:
  - (a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
  - (b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.
- 3.2 All plants and equipments installed at the premises or used in connection with the Environmental Clearance activity:
  - (a) must be maintained in a proper and efficient condition; and
  - (b) must be operated in a proper and efficient manner.
- 3.3 Construction works shall be restricted to day time hours so as to avoid/mitigate the disturbance of local lives as well as implementation schedules of the works shall be notified in advance to other navigational vessels.
- 3.4 Storage area for chemicals and other construction materials shall be carefully selected to avoid disturbance of the natural drainage. To avoid soil contamination at labour camp and work-site chemical, cement and petroleum derivatives shall be handled cautiously.
- 3.5 Sufficient number of culverts, bridges, sluice and other drainage/inlet facilities shall be installed properly to ensure sufficient cross drainage capacity.
- 3.6 During site preparation, piling work, construction/re-construction of land embankments, regulators, approach roads and temporary access roads, top soil shall be kept aside and shall be restored after completion of the said activities.
- 3.7 Soil erosion caused by removal of vegetative cover and excavated loose soil shall be checked by adequate protective works and plantation with local vegetation as soon as possible; loose soil shall be covered and stored away from the edge of the sea/river.
- 3.8 Proper construction practices shall be followed that minimize loss of habitats and fish breeding, feeding and nursery sites.
- 3.9 Necessary steps shall be taken to protect flooding of local areas due to restricted flow at the project sites.
- 3.10 Proper and adequate sanitation facilities shall be ensured in labor camps throughout the proposed project period.



- 3.11 In order to control noise pollution, vehicles & equipment shall be maintained regularly; working during sensitive hours and locating machinery close to sensitive receptor shall be avoided.
- 3.12 No solid waste can be burnt in the project area. An environment friendly solid waste management should be in place during whole the period of the project in the field.
- 3.13 Proper and adequate on-site precautionary measures and safety measures shall be ensured so that no habitat of any flora and fauna would be demolished or destructed.
- 3.14 Any ecological critical area and other environmentally sensitive places shall be avoided during project construction phase.
- 3.15 To control oil spillage from vessels and equipment to be used for this project shall be maintained properly, stockpiles to be located away from sensitive receptors and vessels speed limits shall be enforced.
- 3.16 Construction material should be properly disposed off after the construction work is over.
- 3.17 Appropriate permission would be required to obtain from Department of Shipping before doing such type of activity.
- 3.18 The mitigation measures described in the Environmental Impact Assessment (EIA) report along with the emergency response plan shall strictly be implemented and kept functioning on a continuous basis.

#### **4.1 Monitoring and Recording Conditions:**

- 4.1.1 The results of any monitoring required to be conducted by this Clearance Certificate must be recorded.
- 4.1.2 The following records must be kept in respect of any samples required to be collected for the purposes of this Clearance Certificate:
  - (a) the date(s) on which the sample/data was taken;
  - (b) the time(s) at which the sample/data was collected;
  - (c) the point at which the sample/data was taken; and
  - (d) the name of the person who collected the sample.

#### **4.2 Requirement to Monitor (such as concentration of pollutants discharged; physical, chemical and biological changes to the environment/eco-system)**

For each monitoring, the Clearance Certificate holder must monitor (by sampling, measuring, observing data collecting and obtaining results by analysis) the following parameter: river bed level and type, water flow, water quality, air quality, noise, the changes in aquatic habitats, fish catch, eco-system and environment before, during and after projects works.

5. **Reporting Conditions:** Environmental Monitoring Reports shall be made available simultaneously to Head quarters and concerned Divisional office of the Department of Environment on a quarterly basis during the whole period of the project.





6. **Notification of environmental harm:** The Clearance Certificate holder or its employees must notify the Department of Environment of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident.

F. **RECORDING OF POLLUTION CONTROL:**

The certificate holder must keep a legible record of all complaints made to the certificate holder or any employee or agent of the certificate holder in relation to pollution arising from any activity to which this Environmental Certificate applies. The record must include details of the following:

- (a) the date and time complaint;
- (b) the method by which the complaint was made;
- (c) any personal details of the complaint which were provided by the complaint or, if no such details were provided, a note to that effect;
- (d) the nature of the complaint;
- (e) the action taken by the certificate holder in relation to the complaint, including any follow-up contact with the complaint; and
- (f) if no action was taken by the certificate holder, the reasons why no action was taken.


The record of a complaint must be kept for at least 4 (four) years after the complaint was made. The record must be produced to any authorized officer of the DOE who asks to see them.

G. **VALIDITY OF THE CLEARANCE CERTIFICATE:**

This Environmental Clearance is valid for one year from the date of issuance and the Project authority shall apply for renewal to the Head Office of DOE in Dhaka with a copy to concerned divisional offices at least 30 (thirty) days ahead of expiry.

Violation of any of the above conditions shall render this clearance void.

This Environmental Clearance Certificate has been issued with the approval of the appropriate authority.



12.06.19

( Syed Nazmul Ahsan )  
Director (Environmental Clearance)