

Government of the People's Republic of Bangladesh  
Department of Environment  
www.doe.gov.bd  
Head Office, Paribesh Bhaban  
E-16 Agargaon, Dhaka-1207

Memo No: DOE/Clearance/5440/2015/13

Date: 07/01/2016

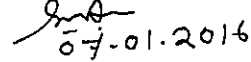
**Subject: Environmental Clearance for Proposed 6.5 km long Embankment cum Road Construction From Rajghat Bridge, Matarbari to Mohiraghona, Dhalghata Under Matarbari 2x600 MWUSC Coal-Fired Power Project.**

Ref: Your application dated 03/11/2015.

Please refer to your letter of 03<sup>rd</sup> November 2015 on the captioned subject, I have the pleasure to convey the approval of EIA report as well as Environmental Clearance for Proposed 6.5 km long Embankment cum Road Construction From Rajghat Bridge, Matarbari to Mohiraghona, Dhalghata Under Matarbari 2x600 MWUSC Coal-Fired Power Project at Cox's Bazar District.

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

Yours Sincerely,



(Syed Nazmul Ahsan)

Director (Environmental Clearance,c.c)

Phone # 8181673

**Managing Director**

Proposed 6.5 km long Embankment cum Road  
Construction From Rajghat Bridge, Matarbari to  
Mohiraghona, Dhalghata Under Matarbari 2x600 MW  
USC Coal-Fired Power Project.  
Coal Power Generation Company Bangladesh Limited  
Unique Heights (Level-17)  
117, Kazi Nazrul Islam Avenue, Dhaka-1217.

**Copy Forwarded to :**

- 1) Private Secretary to the Hon'ble Secretary, Ministry of Environment and Forests, Bangladesh Secretariat, Dhaka.
- 2) Director, Department of Environment, Chittagong Divisional Office, Chittagong.
- 3) Assistant Director, Department of Environment, Cox's Bazar District Office, Cox's Bazar.
- 4) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.

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

**Environmental Clearance Certificate**  
Section 12 of the Environment Conservation Act, 1995 (Amended 2002)

**Clearance Certificate Number:**

**File number:** DOE/Clearance/5440/2015

**Clearance Certificate Issue Date:** January 2016

**Renewal date not later than:** January 2017

**A. Clearance Certificate Type**

Environmental Clearance Certificate

**B. Clearance Certificate Holder**

**Managing Director**

Proposed 6.5 km long Embankment cum Road  
Construction From Rajghat Bridge, Matarbari to  
Mohiraghona, Dhalghata Under Matarbari 2x600 MW  
USC Coal-Fired Power Project.  
Coal Power Generation Company Bangladesh Limited  
Unique Heights (Level-17)  
117, Kazi Nazrul Islam Avenue, Dhaka-1217.

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

Construction of 6.5 km long Embankment cum road From Rajghat Bridge,  
Matarbari to Mohiraghona, Dhalghata locating east of the Matarbari 2x600  
MWUSC Coal-Fired Power Project under Cox's Bazar District.

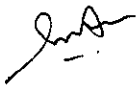
**D. Activities for which this Clearance Certificate Authorizes and Regulates**

The following activities will be implemented through the project under Coal  
Power Generation Company Bangladesh Limited Authority –

- Land acquisition and resettlement.
- Land filling.
- Plantation.

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


1. **Limit Condition for Discharges to Air and Water:** The Environmental Clearance Certificate must comply with schedule 2 and 10, rule 12 of the Environment Conservation Rules, 1997.
2. **Noise Limit:** The Environmental Clearance Certificate must comply with schedule 4, rule 12 of the Environment Conservation Rules, 1997.



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 plant and equipment installed at the premises or used in connection with the licensed activity:
  - (a) must be maintained in a proper and efficient condition; and
  - (b) must be operated in a proper and efficient manner.
- 3.3 During site preparation, construction of Road and temporary access roads, drainage structures, top soil shall be kept aside and shall be restored after completion of the said activities.
- 3.4 The open areas that are grasslands can be used for construction but with appropriate safeguards to maintain material and dump sites from contaminating river waters.
- 3.5 This shall be ensured that soil is not obtained from agricultural land and it should be obtained nearby river/khal/beel areas, which are free of invasive plants. The construction equipment and vehicles shall be cleaned regularly.
- 3.6 Soil erosion caused by removal of vegetative cover and excavated loose soil shall be checked through repopulation with local vegetation as soon as possible; loose soil shall be covered and stored away from the edge of the river.
- 3.7 Proper construction practices shall be followed that minimize loss of habitats and fish breeding sites where applicable.
- 3.8 Necessary steps shall be taken to protect flooding of local areas due to restricted flow at the project sites.
- 3.9 Proper and adequate sanitation facilities shall be ensured in labor camps throughout the proposed project period.
- 3.10 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.
- 3.11 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.
- 3.12 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.
- 3.13 All the required mitigation measures suggested in the EIA report along with the emergency response plan are to be strictly implemented and kept operative/ functioning on a continuous basis.
- 3.14 To control dust vehicles and equipment to be used for this project shall be maintained properly, water trucks shall be used, stockpiles to be located away from sensitive receptors and vehicle speed limits shall be enforced.
- 3.15 Resettlement plan should be properly implemented and people should be adequately compensated.
- 3.16 Construction material should be properly disposed off after the construction work is over.
- 3.17 Sufficient number of culverts, bridges and other drainage facilities shall be installed properly to ensure sufficient cross drainage capacity.



- 3.18 Re-vegetation and replanting shall be undertaken if rehabilitation works involve extensive vegetation clearance.
- 3.19 Appropriate permission would be required to obtain from the forest department in favor of cutting/felling of any plant/tree/sapling forested by any individual or government before doing such type of activity.
- 3.20 No activity of cutting/razing/dressing of hill or hilly land is endorsed under this clearance without due permission/clearance of the concerned authority of the Government of Bangladesh.
- 3.21 Climate Change impacts and maximum storm surge height shall have to be considered at the design and construction phase.
- 3.22 Any heritage site, ecological critical area and other environmentally and/or religious sensitive places shall be avoided during project construction phase.
- 3.23 The Environmental Management Plan included in the EIA report shall strictly be implemented and kept functioning on a continuous basis.

**Monitoring and Recording conditions:**

- 4.1 The results of any monitoring required to be conducted by this Clearance Certificate must be recorded.
- 4.2 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 was taken;
  - (b) the time(s) at which the sample was collected;
  - (c) the point at which the sample was taken; and
  - (d) the name of the person who collected the sample.

**4.2 Requirement to monitor concentration of pollutants discharged**

- 4.2.1 For each monitoring, the Clearance Certificate holder must monitor (by sampling and obtaining results by analysis) the following parameter: water quality, air quality (SPM), the surrounding areas for spread of invasive species, the changes in aquatic habitats before, during and after construction (where applicable).

**5. Reporting Conditions:** Environmental Monitoring Reports shall be made available simultaneously to Head quarters and Cox's Bazar District 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 complaints**

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 of the complaint;
- (b) the method by which the complaint was made;
- (c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;

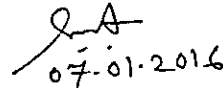
- (d) the nature of the complaint;
- (e) the action taken by the certificate holder in relation to the complaint, including any follow-up contact with the complainant; and
- (f) if no action was taken by the certificate holder, the reasons why no action was taken.

The record of a complaint must be kept for at least 4 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 Cox's Bazar District office of DOE with a copy to Head Office of DOE at least 30 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.

Handwritten signature and date: 07.01.2016

(Syed Nazmul Ahsan)  
Director (Environmental Clearance,c.c)  
Phone # 8181673