

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

Memo No : DoE/Clearance/5532/2016/ 50

Date: 31/01/2018

Subject: Approval of Environmental Impact Assessment (EIA) Report of Coal Transportation for the Proposed 2x660 MW Maitree Super Thermal Power Plant Project at Rampal Upazila under Bagerhat district.

Ref: Your Application dated 26/02/2017, 04/07/2017, 27/07/2017, 01/01/2018 and 24/01/2018.

With reference to the above, the Department of Environment (DOE) is pleased to approve Environmental Impact Assessment (EIA) Report of Coal Transportation for the Proposed 2x660 MW Maitree Super Thermal Power Plant Project at Rampal Upazila under Bagerhat district. This approval authorizes and regulates the following activities as a fulfillment of the condition No.53 of the EIA Approval Letter of Maitree Super Thermal Power Plant Project vide memo no. DoE/Clearance/5062/2011/206 dated 5th August, 2013:

1. This EIA Report is approved only for Coal Transportation for the Proposed 2x660 MW Maitree Super Thermal Power Plant Project. Any modification of this project as well as Coal Transportation will require further EIA approval with additional EIA Study.
2. The route of coal transportation should be maintained as per EIA Report. In case of any changes the proponent must obtain consent from DoE.
3. Project Proponent may open L/C (Letter of Credit) for importing machineries for the project which shall also include machineries relating to waste treatment plant and other pollution control devices.
4. The activity under Coal Transportation for the Proposed 2x660 MW Maitree Super Thermal Power Plant Project shall not release any pollutant that affect human health or will have damaging impact on the environment or natural resources.
5. Proper and adequate mitigation measures shall be ensured throughout the operation period of the Project.
6. Any heritage site, ecologically critical areas, and other environmentally, religious and archeologically sensitive places shall be kept protected during project operation.
7. Environment friendly construction and development practices shall be followed that minimize loss of habitats and fish breeding, feeding and nursery sites.
8. Proper and adequate sanitation facilities shall be ensured in labor camps throughout the proposed project period.



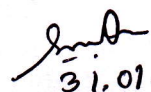
9. Proper and adequate on-site precautionary measures and safety measures shall be ensured so that no habitat of any flora and fauna would be endangered or destructed.
10. All the required mitigation measures suggested in the EIA report along with the emergency response plan are to be strictly implemented and kept operative/functioning on a continuous basis.
11. To control dust, spraying of water over the earthen materials should be carried out from time to time.
12. The entire coal handling system should be designed as an enclosed (and not only covered) conveyor system. There should be integrated dust control system with dust extraction and bag filters at unloading areas and at each transfer points on the conveyor system.
13. Coal should be stored in a covered storage yard.
14. The entire coal stockyard should be covered with water sprinkler provided with automated moisture sensor to control self-combustion.
15. Construction material should be properly disposed off after the construction work is over.
16. As described in the report environmental monitoring should be strictly followed and monitoring report should be shared with DOE to ensure the environmental management properly.
17. A third party/independent monitoring bodies excluding BIFPCL should be engaged immediately for monitoring of all the activities during pre construction, construction and operation phases as per monitoring plan of EIA report and monitoring report must be submitted to Bagerhat District Office, Khulna Divisional Office and Headquarters of the Department of Environment simultaneously.
18. Regular monitoring of the susceptible places of the Sundarbans for protecting ecosystem, biodiversity and forest coverage should be made using latest high resolution image for keeping ambient environment.
19. Air, water, soil, biological and social data should be monitored regularly with a network monitoring system with a view to assess the natural quality of the Sundarbans and other fragile ecosystem and report of monitoring results should be submitted to Bagerhat District Office, Khulna Divisional Office and Headquarters of the Department of Environment simultaneously.
20. There should be regularly disclosure of the report through workshops and websites and responses should be taken care accordingly.
21. BIFPCL should provide all sort of logistics support to DOE and other relevant agencies for monitoring environment related items/events.
22. In order to control noise pollution, vessels and equipment shall undergo regular maintenance; working during sensitive hours and locating machinery close to sensitive receptor shall be avoided.
23. Vessels of this project should follow the MPA guidelines and protocol to ensure no hindrance to other vessels.



24. The vessels used for this project should maintain IMO criteria to enable identification of substances harmful to the marine environment.
25. All the vessels should follow applicable MARPOL Convention, Annex V on the prevention of pollution by garbage from ships.
26. Additional Environmental baseline data to be collected as suggested in the EIA report and conveyed to DOE and other concern authorities.
27. The Environmental Management Plan under the EIA study shall strictly be implemented and kept functioning on a continuous basis.
28. The project authority shall submit a detail work plan with time schedule of development activities at least 7 (seven) days ahead of the work commences in the field to the Bagerhat District Office, Khulna Divisional Office and Headquarters of the Department of Environment simultaneously.
29. Environmental Monitoring Reports according to specific format specified in the EIA Report shall be made available simultaneously to DOE Bagerhat District Office, Khulna Divisional Office and Headquarters on a quarterly basis during the project period.
30. The following records must be kept in respect of any samples required to be collected for the purposes of environmental monitoring activities :
 - (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.
31. The results of any monitoring required to be conducted under this EIA report must be recorded.
32. In case of any emergency, the following information shall immediately be reported to Bagerhat District Office, Khulna Divisional office and Headquarters of the Department of Environment (DOE) simultaneously:
 - a) Nature of incident (oil spill, fire, accident, collision, land slide etc.)
 - b) Personnel affected (injured, missing, fatalities, etc.)
 - c) Emergency support available and its location (standby transport, medical facilities, etc.)
 - d) Weather conditions
 - e) Current operations (abandoning the site, fire fighting, etc.)
33. National Oil Spill Contingency Plan (NOSCOP) should be followed to establish an organizational structure to combat marine pollution.
34. The project authority 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.
35. All pollution incidents shall be reported immediately and simultaneously to the Bagerhat District Office, Khulna Divisional Office and Headquarters of the Department of Environment (DOE) in Dhaka.
36. Climate Change impacts and maximum storm surge height shall have to consider at the design and construction phase of the jetty.

37. The transshipment point Fareway Buoy at the Bay should be used from November to March, and Mazhar poing should be used from April to October every year for transporting coal which has been mentioned in the EIA Report.
38. Violation of any of the above conditions shall render this approval void.
39. Any injunction on this project from the Honorable Supreme Court/High Court Division shall render this approval void.
40. This EIA approval is valid for one year from the date of issuance and the project authority shall apply for renewal to the Bagerhat District Office of DoE at Bagerhat with a copy to Head Office of DOE in Dhaka.

This EIA Approval has been issued with the approval of the appropriate authority.


31.01.2018

(Syed Nazmul Ahsan)
Director (Environmental Clearance)
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Managing Director

Bangladesh-India Friendship Power Company Ltd. (BIFPCL)
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Copy Forwarded to :

- 1) Secretary, Ministry of Environment and Forests, Bangladesh Secretariat, Dhaka.
- 2) Secretary, Power Division, Ministry of Power, Energy & Mineral Resources, Bangladesh Secretariat, Dhaka.
- 3) Chairman, Bangladesh Power Development Board, Biddyt Bhaban, 1, Abdul Goni Road, Dhaka.
- 4) Director, Department of Environment, Khulna Divisional Office, Khulna.
- 5) Deputy Director, Department of Environment, Bagerhat District Office, Bagerhat.
- 6) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.