

Proposed Terms of Reference for EIA studies:

Jhiria West Opencast Project is a new opencast mine in Hasdeo Area of SECL, with a proposed production capacity of 1.875 MTPA(Peak) and project area 427.993 ha under Clause 7(i) i.e. with Public Hearing of EIA Notification 2006.

In view of the above, the following Terms of Reference are being proposed for obtaining Environmental Clearance from MoEF&CC.

1. Preparation of an EIA/EMP based on Environmental Impact Assessment as has been enumerated in EIA-2006 vide notification no. S.O.1533 dated 14th September 2006.
2. Generation of one season Ambient Air, Water & Ambient Noise quality data.
3. The Mine is opencast and the main source of air pollution is transportation of mined out coal. The method of working envisages for cutting of coal by surface miners. Surface miners has an inbuilt mechanism for dust suppression during cutting of coal. Method of mining ensures that there is no blasting except in OB removal and in circumstances where Operational/Geotechnical difficulties persist small quantity of coal may be mined out by alternative technology such as ripping/drilling/blasting etc., hence at source, there will be minimal dust generation. The transfer of coal from mine pit to siding and stock yard is planned by hired trucks. Accordingly, the buffer zone where air quality needs to be considered for impact assessment has been kept as 10.00 km outside the periphery of core zone.
4. The mine is opencast. Impact of mining and water abstraction use in mine on the hydrogeology and groundwater regime within the core zone and 10 km buffer zone including long-term monitoring measures will be provided.
5. Mine involves resettlements and rehabilitation. Project officials would be implementing the National/CIL/State Govt. R&R policy in consultation with the Govt. authorities.

Date: 07.06.2019

Place: AGM Office, Hasdeo Area

[Signature]
07/06
Area General Manager
Hasdeo Area