



**J-13012/127/2008 -IA.II (T)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**

3<sup>rd</sup> Floor, Vayu Block,  
Indira Paryavaran Bhawan, Jor Bagh Road,  
Aliganj, New Delhi-110003

Dated: 16.12.2016

To

M/s Jindal Steel & Power Ltd.,  
Jindal Centre,  
12, Bhikaji Cama Place,  
New Delhi - 110 066  
Tel. No. 011-41462000; Fax: 011-26161271

**Sub: 2x150 MW (Phase-I) and 2x150 MW (Phase-II) Middlings & Coal Fine Based Thermal Power Plant at Village Dongamahua, in Raigarh Distt., in Chhattisgarh by M/s. Jindal Steel & Power Ltd. - reg. amendment of ECs for change in fuel mix, setting up of 250 TPH mobile coal crusher and transportation of coal by road.**

Sir,

This has reference to your letters dated 27.05.2014, 06.08.2014, 29.12.2014, 23.04.2015 and 04.06.2016 on the above subject. It is noted that EC for Phase-I (2x150 MW) and Phase-II (2x150 MW) were accorded on 31-07-2008 and 09-11-2010 respectively. An amendment to the EC condition of Phase-II regarding ash content was accorded on 09.01.2012. All the four units have been commissioned and are in operation.

2. The matter was placed before the Expert Appraisal Committee (Thermal Power) in its 18<sup>th</sup> Meeting held during 31<sup>st</sup> July and 1<sup>st</sup> August, 2014. In acceptance of the recommendation of the Expert Appraisal Committee (Thermal Power) and in view of the information/clarification furnished by you, with respect to the above mentioned power project, the Ministry accords *amendment of ECs (Phase I and II) for procurement of 0.5 MTPA coal through e-auction for blending with available middlings & coal fines for use in existing power plant and transportation of coal by road from MCL/SECL mines for a period of **four years** and for setting up of 250 TPH Mobile Coal Crusher within the existing project premise subject to the following additional conditions:*

- (i) *The coal transportation by road shall be through mechanically covered trucks to the extent feasible, else, shall be through tarpaulin covered trucks.*
- (ii) *Avenue plantation of 2/3 rows all along the road shall be carried out by the project proponent at its own expenses in consultation with the State Government Authorities.*
- (iii) *Periodic maintenance of the road shall be done by the project proponent at its own expenses and shall also facilitate the traffic control on the road in consultation with the State Government Authorities.*
- (iv) *The PP shall advertise in the newspaper and place on the website, the amendment issued by the Ministry for public information.*

- (v) *The air pollution control measures for mobile crusher shall include enclosing the crusher unit, use of dry fog/water sprinkling system and dust extractors at the time of unloading*
- (vi) Necessary action shall be taken for compliance to the standards for Thermal Power Plants notified on 07.12.2015.
- (vii) A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter, mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.
- (viii) Harnessing solar power within the premises of the plant particularly at available roof tops shall be undertaken and status of implementation shall be submitted periodically to the Regional Office of the Ministry.
- (ix) Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land.
- (x) No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close co-ordination with the State Pollution Control Board.
- (xi) Green belt shall be developed all around Ash Pond over and above the Green Belt around the plant boundary.
- (xii) The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.
4. All other conditions mentioned in the ECs dated 31-07-2008 and 09-11-2010 shall remain the same.
5. This issues with the approval of the Competent Authority.

  
(Dr. S. Kerketta)  
Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary Environment and Forest Department, Government of Chhattisgarh, Raipur.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.

4. The Chairman, Chhattisgarh Environment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur, Chhattisgarh-492099.
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
6. The Additional Chief Conservator of Forests (C), Ministry of Env., Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 4400017.
7. The District Collector, Raigarh District, Chhattisgarh.
8. Guard file/Monitoring File.
9. Website of MoEF&CC

  
(Dr. S. Kerketta)  
Director

