



J-13012/81/2008 -IA.II (T)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: 13.03.2014.

To

M/s Adani Power Maharashtra Ltd.
Sambhaav House,
Judges Bangalow Road, Bodakdev
Ahmedabad- 380 015

Ph: 079-2555 6900; Fax: 079-2555 7155

Sub: Expansion from 1320 MW to 3300 MW by addition of 3x660 MW coal based TPP in MIDC Industrial Area at Village Tiroda, in Gondia Distt., in Maharashtra by M/s Adani Power Maharsashtra Ltd.- reg. amendment in EC for change of source of coal from Imported to Domestic.

Sir,

This has reference to your letters dated 22.07.2013, 16.08.2013, 12.09.2013, 24.09.2013 and 09.12.2013 requesting for the amendment of environmental clearance (EC) accorded for the above project vide letter of even no. dated 22.04.2010 regarding change of source of coal from Imported to Domestic.

2. The matter was placed before the Expert Appraisal Committee (Thermal Power) in its 3rd & 8th Meetings held during October 10, 2013 & January 9-10, 2014 respectively. 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 in the said EC for change of source of coal from Imported to Domestic.

3. Further, under Para no.4 of this Ministry's letter of even no. dated 22.04.2010, after condition no. (xlii), the following conditions shall be added:

(xliii) The coal transportation by road shall be through tarpaulin covered trucks for a maximum period of two years and hence forth shall be only through mechanically covered trucks.

(xliv) Avenue plantation of 2/3 rows all along the road shall be carried out by the project proponent at its own expenses.

(xlv) 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.

(xlvi) Sulphur and ash contents in the domestic coal to be used in the project shall not exceed 0.4 % and 33 % at any given time. In case of variation of coal quality at any point of time, fresh reference shall be made to the Ministry for suitable amendments to environmental clearance condition wherever necessary.

- (xlvi) 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.
- (xlviii) 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.
- (xlix) Mercury emissions from stack shall also be monitored on periodic basis.
- (l) Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land.
- (li) Source sustainability study of water requirement shall be carried out by an institute of repute. The study shall also specify the source of water for meeting the requirement during lean season. The report shall be submitted to the Regional Office of the Ministry **within six** months.
- (lii) Fly ash shall not be used for agricultural purpose. 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.
- (liii) Three tier green belt shall be developed all around Ash Pond over and above the Green Belt around the plant boundary.
- (liv) Social audit for the CSR Schemes shall be carried out periodically by reputed university or an institute as per the CSR guidelines of Government of India and details to be submitted to MoEF besides putting it on company's website.
- (lv) An Environmental Cell shall be created at the project site itself and shall be headed by an officer of the company of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the Head of the Organization. The Environmental Cell shall be responsible and accountble for implementation of all the conditions given in the EC including in the amendment letter.
- (lvi) Monitoring of surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.
- (lvii) The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the

Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.

(lviii) 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 this Ministry's letter of even no. dated 22.04.2010 remain the same.

5. This issues with the approval of the Competent Authority.

(Dr. Saroj)
Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Maharashtra.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Maharashtra Pradesh State Pollution Control Board, Kalpataru Point, 3rd & 4th Floors, Sion Matunga Scheme Road No. 6, Opp. cine Planet, Sion Circle, Sion (E), Mumbai – 400 022
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Ravishankar Nagar, Bhopal - 462016.
7. The District Collector, Gondia District, Govt. of Maharashtra.
8. The Director (EI), MOEF.
9. Guard file.
10. Monitoring file.

(Dr. Saroj)
Director