

No. J-13011/13/2007-IA.II (T)
Government of India
Ministry of Environment, Forest and Climate Change

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

Dated: 31.03.2016

To

M/s Chhattisgarh State Power Generation Co. Ltd.
101 Vidhyut Sewa Bhavan,
Dangania, Raipur- 492013
Chhattisgarh.

Tel. No. 0771-2574521; Fax: 0771-2574534; E.mail. prg.cspgcl@gmail.com

Sub: Marwa Thermal Power Plant of 2x500 MW at Marwa, District Janjgir Champa in Chhattisgarh by M/s Chhattisgarh State Power Generation Company Ltd. – reg. extension of validity of EC.

Sir,

This has reference to your application for extension of validity of EC for the above Thermal Power Plant (TPP). It is noted that EC was accorded for the above TPP on 05.02.2008.

2. The matter was placed before the Expert Appraisal Committee (Thermal Power) in its 28th, 34th and 43rd Meetings held during 22nd- 23rd December, 2014, 29th -30th April, 2015 and 18th September, 2015 respectively. In acceptance of the recommendation of the EAC and in view of the information/documents/clarifications furnished by you, with respect to the above mentioned TPP, the Ministry *extends the validity of EC for another period of **five years i.e. till 04.02.2018** for the start of production operations by the TPP* subject to the following additional conditions.


- i) The standards stipulated by the Ministry vide Notification dated 07.12.2015 for Thermal Power Plants shall be duly complied.
- ii) Harnessing solar power within the premises of the plant particularly at available rooftops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half-yearly monitoring report.
- iii) A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every two year and reported along with monitoring reports. 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.
- iv) Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land. In case of any proven damage to agricultural land/crop, necessary compensation shall be paid by the PP.
- v) 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 also be undertaken and results/findings submitted along with half yearly monitoring report.

- vi) No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.
 - vii) 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.
 - viii) Green belt shall also be developed around the Ash Pond over and above the Green Belt around the plant boundary.
 - ix) An Environmental Cell comprising of at least one expert in environmental science/ engineering, ecology, occupational health and social science, shall be created preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.
 - x) 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.
 - xi) CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the District Administration starting from the development of project itself. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken. Company shall provide separate budget for community development activities and income generating programmes.
 - xii) For proper and periodic monitoring of CSR activities, a CSR committee or a Social Audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.
3. All other conditions mentioned in the EC shall remain the same.

This issues with the approval of the Competent Authority.

Yours faithfully,


(Manoj Kumar Gangeya)
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 APCCF (C), Ministry of Env., Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001
7. The District Collector, Janjgir- Champa District, Chhattisgarh.
8. Guard file/Monitoring file.
9. Website of MoEF&CC


(Manoj Kumar Gangeya)
Director