



**No. J-13012/16/2017-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: 22.10.2018

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To

The Authorised Signatory  
**M/s Bhopal Municipal Solid Waste Pvt. Ltd.**  
513/A, 5th Floor, Kohinoor City,  
Kirod Road, Kurla (W), Mumbai- 400070.

**Sub: Proposed 23 MW Municipal Solid Waste based Power Plant at Villages Kolua Khurd, Adampur Chhavani, Phanda Block, Huzur Tehsil, Bhopal District by M/s Bhopal Municipal Solid Waste Private Limited. - reg. Environmental Clearance.**

Sir,

The undersigned is directed to refer your online application no. **IA/MP/THE/69646/2017** dated 10.8.2018 for grant of Environment Clearance.

2. It has been noted the Terms of Reference for the setting up of 23 MW Municipal Solid Waste based Power Plant in Huzur Tehsil, Bhopal District has been issued vide Ministry's letter dated 04.05.2018.

3. It has been proposed to install Integrated MSW management facility for treating 1000 TPD of unsegregated MSW (Treating by Landfill method) and the Power generation using MSW will be 23 MW. The proposal has been considered by the Re-constituted EAC (Thermal Power) in its 20<sup>th</sup> meeting held on 30.8.2018.

4. During the examination of the proposal, it has been found that 1000 Tons per Day unsegregated municipal solid waste will result in reduction of 20-25% which will be fed to the boiler/incinerator for power production. It has been observed that the 1000 Tons per day MSW having average energy content of 1660 kCal/kg will generate approx. 15 MW Power Production whereas it has been proposed to generate power of 23 MW.

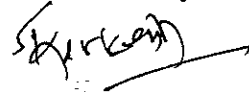
5. In view of this, it is requested to submit the following information within two weeks, for further consideration:

- i. Quantity of unsegregated MSW & waste for feeding to the boiler and characteristics of the MSW.
- ii. Details of pre-processing/processing for reduction of inert materials, moisture and compositing material.
- iii. Details of design of Waste to Energy Power Plant which includes design parameters of boiler, turbine, generator.
- iv. Detailed Project Report (DPR) prepared by the Technical Consultants.
- v. Characteristics of Leachate and its treatment method.
- vi. Source of water requirement and permission for water drawl 50 KLD during construction & 500 KLD during operation phase.

- vii. Details and responsibility of transportation of the Unsegregated Municipal Solid Waste from the source to the Power Plant Site.

This issues with the approval of the Competent Authority.

Yours faithfully,



**(Dr. S. Kerketta)**  
**Director, IA.I**

*Copy to:-*

1. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal – 462016.
2. The Commissioner, Bhopal Municipal Corporation, Mata Mandir Square, Harshwardhan complex, Mata Mandir, Bhopal-462026.
3. Guard file/Monitoring file.
4. Website of MoEF&CC.



**(Dr. S. Kerketta)**  
**Director, IA.I**