



**State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)**

Environmental Planning Coordination Organization (EPCO)
Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>
Tel:0755-2466970, 2466859
Fax : 0755-2462136

No: 4757 /SEIAA/2016

Date: 14-12-16

To,
Ms. Pramila Sharma, CEO/General Manager,
J.K. Medical Waste Management System,
208-Vaibhav, F-Block, Surendra Place,
Bhopal (M.P) – 462026.

Sub:- 5205/2016: Prior Environment Clearance for "Common Biomedical Waste Treatment Facility" at Plot No. 55/5x, 2 Village - Godhan Tehsil - Chanderi, District- Ashok Nagar (M.P.), Existing area - 1.03 acres (0.418 ha) by Ms. Pramila Sharma, CEO/General Manager, J.K. Medical Waste Management System, 208-Vaibhav, F-Block, Surendra Place, Bhopal – 462026.

Ref: Your application dtd. 27.05.16 received in SEIAA office on 27.05.2016

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O.1533(E), dtd. 14.09.06 & its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR & EIA Report and ppt. furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The proposed project is "Common Biomedical Waste Treatment Facility" at village - Godhan, Tehsil - Chanderi, district - Ashok Nagar, M.P. The project includes 100 kg/hr Incinerator with APCDs (Capable to cater 10000 beds) for 430 liters/batch Autoclave, 50 kg/hr Shredder.
- (ii) The project is covered under 7(da) category B of the EIA Notification issued by the Ministry of Environment & Forest vide S.O.1533 (E), dated September 14, 2006 & its amendments.
- (iii) There is no National park / Sanctuaries, Eco-sensitive areas (Chief Wildlife Warden letter dtd 07.06.16), critically polluted areas and inter-State boundaries within 10 km of the proposed site, hence, general conditions are not attracted as per EIA Notification 2006 & its amendments.
- (iv) Regarding land documents PP has submitted Land registration document (dated 25/06/2015) and Land use conversion document (dated 28/11/2015). As per the land documents the land is the name of Ms. Pramila Sharma.
- (v) Public Hearing for the proposed project was conducted on 6th September 2016 at Panchayat Bhawan Village - Mohanpur, Tehsil- Chanderi, District- Ashoknagar, Madhya Pradesh under the Chairmanship of Collector, Ashoknagar. Some issues regarding, employment to local people and fear of

pollution emanating from the establishment of the industrial area were raised during the Public Hearing which were addressed by PP.

(vi) The total water requirement is 5 KLD out of which fresh water requirement is 3.4 KLD and recycled water 1.6 KLD. The source of fresh water is proposed to be met from ground water as well as supplementing external tankers also.

(vii) Waste water generation would be around 2.5 KLD. The wastewater generated from scrubbers/other APCDs and wastewater from vehicle wash area/floor washings shall be collected in a sump. The water so collected shall be treated in In-House Effluent Treatment Plant (ETP) and the treated water shall be reused primarily in APCDs (Air Pollution Control Devices). No treated wastewater shall be let out of the premises of the CBWTF.

(viii) Collection and Transportation activities have planned with following measures to ensure zero hazard to human health and environment:

a. Segregated bio-medical waste handed over by HCUs reach CBWTF without any damage, spillage or unauthorized access.

b. Responsible person from CBWTF shall accompany the vehicle for supervision.

c. Vehicles shall not be used for any other purpose.

d. As per BMW Rules 2016, monitoring of dioxins and furans shall be done once in a year through a professional third party (in the presence of MPPCB officials, if required).

e. The total time taken from generation of bio-medical waste to its treatment, which also includes collection and transportation time, shall not exceed 48 hours.

f. During transportation, the containers should be covered in order to prevent exposure of public to odours and contamination.

g. PP has proposed two storage rooms separately for treated and untreated waste.

(ix) For control of air emission PP has proposed all necessary air pollution control devices quenching, venturi, alkali scrubber, mist eliminator etc. and put in place to ensure compliance of emission standards as prescribed in BMW Rules, 2016. Stack height shall be 30 m above the ground. Any dry, dusty materials stored in sealed containers or prevented from blowing.

(x) PP has proposed to send all the incineration ash at common hazardous waste treatment and disposal facility (TSDF). Ash from Incineration and Sludge from Effluent Treatment Plant shall be disposed off in nearest TSDF. ACF Exhaust Resin and DG Set Oil shall be stored in leak proof containers under covered shed and will be disposed of through TSDF and authorized recyclers.

(xi) PP has proposed disposal of hazardous waste as per Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and Bio medical waste as per Management and Handling) Rules, 2016.

(xii) For firefighting PP has proposed to provide firefighting equipment at appropriate locations (sand bags, fire extinguishers etc.)

(xiii) The source of electricity is Madhya Pradesh Kshetra Vidyut Vitran Company Limited. PP has also provided power back up by 01 No. DG set capacity of 1X 63 KVA.

(xiv) PP has proposed to develop green belt area in 1 acre plot at least minimum of 33% planted as per CPCB guidelines with native species.

(xv) Under CSR activities PP has proposed Installation of hand pumps for nearby villagers, health care checkup for workers and nearby villagers etc.

Based on the information submitted at Para i to xv above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 387th meeting held on 21.11.2016 and decided to accept the recommendations of 283rd SEAC meeting held on dtd. 27.10.2016.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the Proposed "Common Biomedical Waste Treatment Facility" at Plot No. 55/5x, 2 Village - Godhan Tehsil - Chanderi, District- Ashok Nagar (M.P.), Existing area - 1.03 acres (0.418 ha) Proposed Capacity- 1.6 to 2.0 TPD by Ms. Pramila Sharma, CEO/General Manager, J.K. Medical Waste Management System, 208-Vaibhav, F-Block, Surendra Place, Bhopal (M.P.) - 462026, subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. Specific Conditions as recommended by SEIAA

1. PP should install adequate ETP for treatment and disposal of effluent and Zero discharge should be maintained.
2. Process effluent/any waste water should not be allowed to mix with storm water.
3. Guidelines of CPCB/MPPCB for Bio-Medical Waste Common Hazardous Wastes Incinerators shall be followed.
4. No landfill site is allowed within the CBWTF site.
5. Incinerated ash shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the MPSEIAA prior to the commencement.
6. Periodical air quality monitoring in and around the site shall be carried out. The parameters shall include Dioxin and furan.
7. Proper Parking facility should be provided for employees & transport used for collection & disposal of waste materials.
8. Necessary provision shall be made for fire fighting facilities within the complex.
9. PP should carryout periodical air quality monitoring in and around the site including VOC, HC.
10. PP should develop green belt all along the periphery of the species that are significant and used for the pollution abatement.
11. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3%, or their loss on ignition is less than 5% of the dry weight of the material.
12. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2000 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.