



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Maharashtra)

To,

The ChiefEngineer(SWM)Project  
MUNICIPAL CORPORATION OF GREATER MUMBAI  
Municipal Corporation of Greater Mumbai, 2nd, 3rd, 4th floor, Bai  
Padmabai Thakkar Marg, Kotwadi, Mahim -400016

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/MH/MIS/47692/2019 dated 02 Sep 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC21B037MH160158   |
| 2. File No.                                   | SIA/MH/MIS/47692/2019  |
| 3. Project Type                               | New  |
| 4. Category                                   | B1   |
| 5. Project/Activity including<br>Schedule No. | 7(i) Common Municipal Solid Waste<br>Management Facility (CMSWMF)                                      |
| 6. Name of Project                            | Development of 600 TPD Waste to<br>Energy Project to generate about 4 MW<br>of power at Deonar, Mumbai |
| 7. Name of Company/Organization               | MUNICIPAL CORPORATION OF<br>GREATER MUMBAI   |
| 8. Location of Project                        | Maharashtra  |
| 9. TOR Date                                   | 26 Jun 2020  |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 07/12/2021

(e-signed)  
Manisha Patankar Mhaiskar  
Member Secretary  
SEIAA - (Maharashtra)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/MIS/47692/2019  
Environment & Climate Change  
Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
Municipal Commissioner,  
Municipal Corporation of Greater Mumbai,  
Mumbai.

**Subject** : Environmental Clearance for Development of 600 TPD Waste to Energy Project to generate about 4 MW of power at Deonar, Mumbai by Municipal Corporation of Greater Mumbai.

**Reference** : Application no. SIA/MH/MIS/47692/2019

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 207<sup>th</sup> meeting under screening category 7(i) Common Municipal Solid Waste Management Facility (CMSWMF) under category B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 233<sup>rd</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. Brief Information of the project submitted by you is as below:-

Project Name	600 TPD Waste to Energy Project to generate 4 MW of Power at Deonar, Mumbai by MCGM.
Location	19° 3' 54.22" N 72° 55' 56.75" E
Land area	12.19 ha
Nearest Town/City	Munkhurd – 1 km in South direction
Nearest Airport	Chatrapati Shivaji Maharaj International Airport - 5 km in West direction
Nearest Highway	National Highway NH 3 – 2 km North West direction
Nearest Water body	Thane Creek Canal - 300m in North East direction
Nearest Forest	Mangroves – 400m in East direction
Project Cost	Rs. 504 Crores,
EMP Cost	Rs. 1240 Lakhs and APC system cost – around 25 crores

	Recurring Cost - Rs. 98 Lakhs per Annum
TOR Obtained	SIA/MH/MIS/47692/2019 dated 26.06.2020
Baseline Monitoring Carried Out	September 2020 to November 2020.
Manpower	180 – Full time & service personals 400 – For primary/secondary collection, transportation
Net water requirement	480 KLD (secondary treated water from Ghatkopar STP)
Power requirement	18% of internal production + DG Set Backup

3. The proposal has been considered by SEIAA in its 233<sup>rd</sup> meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

**SEAC Conditions-**

1. Fly ash management plan shall be prepared for using it in brick manufacturing and for using it in roads and constructions
2. Water requirement shall be reduced by avoiding ash slurry and ash ponds.
3. PP to provide Zero Liquid Discharge Effluent Treatment Plant.
4. PP to include post project monitoring budget in the EMP and submit revised EMP.
5. PP to ensure to complete all CER activities before commissioning of the proposed project in consultation with the District Collector.
6. PP to complete green belt development before commissioning of the proposed project.
7. PP to prepare monitoring protocol for monitoring of sewage transfer line passing over the water body so as to avoid/mitigate any water pollution due to leakage of sewage transfer line.
8. PP to submit copy of distance certificate to be obtained from the Competent Authority for the distance of proposed project from the Eco – Sensitive area Flamingo Bird Sanctuary/ Notified Forest etc.

**SEIAA Conditions**

1. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
2. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
3. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.

4. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
5. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
6. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
7. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
8. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
9. PP to provide roof top Rain Water Harvesting facility.

**General Conditions:**

- I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <http://parivesh.nic.in>
- II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.

- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
- VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
- X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- XII. The Environmental Statement for each financial year ending on 31<sup>st</sup> March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures

required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Manisha Patankar-Mhaiskar  
(Member Secretary, SEIAA)  
6/12/2021

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Mumbai City.
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai.

