



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment, Forest & Climate Change)

Environmental Planning Coordination Organization
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No: 2798 /SEIAA/2022

Date: 12/11/22

To,
M/s Municipal Corporation,
Near S.P.Office, A.B.Road,
Dist. Dewas, MP-455001

Sub: Case No. 8740/2021: Prior Environment Clearance Construction & development of Sanitary / Scientific Landfill at Trenching Ground, Indore-Bhopal Bypass Road, Dist. Dewas (MP) Sanitary Landfill Capacity for 5 years: 26,000 m³ Land Area 2911 m² by M/s Municipal Corporation, Near S.P.Office, A.B.Road, Dist. Dewas, MP, Email – commdewas@mpurban.gov.in, Mobile – 7024112316 M/s. Env. Consultant: M/s. ENVISOLVE LLP, Indore - **Prescribing of TOR.**

Ref:-Online Proposal No. SIA/MP/MIS/68254/2021) received in SEIAA office on 18.10.2021

This is in reference to the proposal submitted in the SEIAA office to prescribe the Terms of Reference (TOR) for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006. For this purpose, the proponent had submitted online information in the prescribed format (Form-1) along with a Pre-feasibility Report and all supporting documents as per EIA Notification & its amendments.

1. The project is proposed for Construction & development of Sanitary / Scientific Landfill at Trenching Ground, Bhopal Bypass Road, Dist. Dewas (MP). The proposed project relates to the Integrated Solid Waste Management Facility. The project area is 2,911 m².
2. The proposed project involves constructions of new Integrated Municipal Solid Waste processing and disposal facility for Solid Waste Management.
3. The project is a construction CMSWMF falls under Category 7(i) of Common Municipal Solid Waste Management Facility (CMSWMF) (As per EIA notification dated 14th September 2006 and amended to the date) and involves environmental clearance.
4. Kheon Wild sanctuary is >50 KMs away from the site & Ralamandal is 33 KMs.
5. The application was forwarded to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The case was presented by the PP and their consultant in the SEAC- 525th meeting dated 10.11.2021, wherein it was stated by the PP that the proposed project is the prime requirement of the area. At present the municipal solid waste generated by domestic, commercial activities in area is indiscriminately spread on the streets cause nuisance to the people, clog the surface drains, contaminates water bodies. As of now, there is no scientific disposal Method being followed, entire waste of the city is disposed of at the dumping grounds untreated & the garbage is left open for the natural decomposition. Dewas municipality do not have any engineered landfill, therefore mixed waste is disposed off in and unscientific manner causing problems of health and environmental degradation.

6. Project Detail:

S. No.	Information	Details
1	Project name	Proposed Integrated Solid Waste Management Facility Project near Trenching Ground Bypass AB Road Dewas, Madhya Pradesh
2	Area	2911 m ²
3	Name of the Project proponent	Municipal Corporation Dewas
4	Project Site Elevation	Minimum Elevation : 565 m Maximum Elevation : 581 m
5	Location of Site	
	Villages/ Town/city	Dewas
	District	Dewas
	State /Union Territory	Madhya Pradesh
6	Water Requirement and its source	10 m ³ /day Source: Nagar Nigam Dewas
7	Power Supply and its source	150 kW Source: State Electricity Board for back up a 125 DG Set.
8	Project Cost	1,42,08,426 INR

After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with additional TOR. After the recommendation of SEAC the case was considered in 695th SEIAA meeting dtd. 09.12.21 and decided to approve the ToR as recommended by SEAC in 525th meeting held on 10.11.21 and standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions:-

1. Site is on the foot hill of a hillock hence, PP will submit surface run off management plan.
2. Two sheds are in existence on the northern side then its status and purpose shall be discussed in the EIA report.
3. Complete design criteria with liner specification etc. shall be discussed in the EIA report.
4. Leachates collection and disposal plan shall be discussed in the EIA report.
5. Landfill closer plan with gas vents also shall be discussed in the EIA report.
6. DFO, NOC shall be submitted with the EIA report.
7. Disposal plan of Carcass (bones), if applicable shall be discussed in the EIA report.
8. Details out expected input materials shall be discussed in the EIA report.
9. Water supply details & management depicting all facilities shall be discussed in the EIA report.
10. Heavy metal analysis shall be carried out in all soil samples and in any one sample pesticide analysis shall also be carryout.
11. How the leachates will be handled shall be discussed in the EIA.
12. Considering the lactates generation, geo-hydrological studies should be conducted and reported with the EIA report.
13. Arrangements for management of odour nuisance shall be discussed in the EIA report.
14. Current scenario of air, surface and ground water quality shall be presented in the EIA report.
15. All the sensitive features and activities within 05 kms of site which will have the impact of this facility should be studied and discussed in the EIA report.
16. MSW handling technology should be freeze for all the wastes and worst case scenario shall be studied and discussed in the EIA.

17. Preventive measures that will be taken to avoid occurrence of fire due to methane generation be discussed in the EIA.
18. Detailed layout (A-3 size) of various proposed facilities with their capacities and design criteria shall be discussed in the EIA report.
19. Comprehensive plantation scheme wherein preference shall be given for planting evergreen tree in the windward direction.

The authority approve the ToR as recommended by SEAC and decided to issue additional TOR by incorporating following conditions for preparation of EIA report:

- a) Details of unit located within the coverage area of the project site.
- b) Route chart of the districts by showing collection of Bio medical wastes for treatment by the proposed unit.
- c) PP should consult with neighbouring industries existing in the area regarding establishment of proposed unit.
- d) Health Département guidelines for establishment of such units.
- e) Global warming potential and carbon foot print of the project activities should be discussed in EIA report.

General Conditions

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
1. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
2. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
10. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
11. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
12. Grant of TOR does not mean grant of EC.
13. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
14. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

15. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
16. All the necessary NOC's duly verified by the competent authority should be annexed.
17. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
18. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
19. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
20. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
21. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
22. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
23. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
24. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
25. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. PP shall submit biological diversity report stating that there is no adverse impact in-situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
27. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
28. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
29. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
30. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
31. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent

amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.

32. Under CER scheme commitments with physical targets shall be included in EIA report for:

- ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
- ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
- ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
- ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

33. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for:

- ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

34. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
35. Detailed analysis of availability and quality of the drinking water resources available in the block.
36. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
37. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.

Documents to be submitted:

Environmental Consultant / PP

- I. A certificate from the Consultant shall be submitted that they have been accredited by MoEF (GoI), as per their OM.
- II. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
- III. Location of National Parks, Sanctuaries, biosphere Reserves, Wildlife corridors, Tiger reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated. A location map duly authenticated by Chief Wild life Warden and recommendation/ comments of Chief Wildlife Warden of concerned district should also be provided in this regard. DFO letter indicating the distances of nearest forest boundary from the boundary of the proposed site.
- IV. Land documents of the proposed site with clarity of landownership.
- V. NOC from Gram Sabha if located in scheduled notified area.

Validity –

- I. The TORs prescribed for the project will be valid for a period of four years for submission of EIA and EMP report accordingly, the TORs will lapse after 09/11/2025.

Copy to:-

- (1). Principal Secretary, Department of Environment., Government of MP, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Dewas (M.P.).
- (5). Regional Officer, Regional Office (WZ), Ministry of Environment & Forests, Kendriya Paryavaran Bhawan, Link Road No.-3, E-5, Arera Colony, Bhopal (M.P.) - 462016
- (6). Guard file.

(Shriman Shukla)
Member Secretary

(Alok Nayak)
Officer-in-Charge