



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: 2930 /SEIAA/2021

Date: 01/11/21

To,

Mrs. Saroj Sharma, Proprietor,
M/S VNS SOLUTION 240,
New Jiwaji Nagar Thatipur Murar
Gwalior, M.P.-474011

Sub: Case No. 8636/2021: Prior Environment Clearance for Development of Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. 16 GAA, Village- Malanpur, Tehsil & District- Bhind (M.P) Total Project Area-4500 sq.m. (1.11 Acre) 1 No. Incinerator of capacity 200 kg/hr (Dry); 1 No. Autoclave of capacity 200 kg/hr; 1 No. Shredder of capacity 200 kg/hr each ; ETP Capacity – 7.5 KLD (MBBR); by M/S VNS SOLUTION through Proprietor, Mrs. Saroj Sharma, 240, New Jiwaji Nagar Thatipur Murar Gwalior, M.P.-474011 Email : vnssolution10@gmail.com Mob : 9752394953- **Prescribing of TOR.**

Ref: - Online Proposal No. SIA/MP/MIS/65777/2021 received in SEIAA office on 01.09.2021

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 proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7(da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities.
2. M/s. VNS Solution is proposing to establish Common Bio-Medical Waste Treatment Facility in Malanpur Ghirongi, Bhind district with capacity 1 No. Incinerator of capacity 200 kg/hr (Dry) 1 No. Autoclave of capacity 200 kg/hr 1 No. Shredder of capacity 200 kg/hr each ETP Capacity – 7.5 KLD (MBBR). The project IN charge is Mrs. Saroj Sharma of M/s. VNS Solution (Proprietor).

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- 516th meeting dated 23.09.2021, wherein it was stated by the PP that the proposed unit will be established in the notified industrial area at Malanpur, Ghirongi, Tehsil - Bhind, Dist. Bhind (MP).

PP stated following salient features of the project are as:-

Total Plot Area	4500 Sq.mt.(1.11 Acre) or 4500 Sq.mt.
Open Area	809.23 sq.mt.
Green Area	1138.66 sq. mt.
Capacity	1 No. Incinerator of capacity 200 kg/hr (Dry) 1 No. Autoclave of capacity 200 kg/hr 1 No. Shredder of capacity 200 kg/hr each ETP Capacity – 7.5 KLD (MBBR)
Water Requirement	Approximately 5 KLD of water required during construction of the unit from Private water tankers. Water Demand in Operational Phase:

PROJECT SITE JUSTIFICATION

The CBWTF project site of M/s. M/s. VNS Solution is justified as per Biomedical Waste Handling Rules (2016) as follows: -

Location	The CBWTF shall be located as near to its area of operation as possible in order to minimize the travel distance in waste collection. Preferably it will be installed in industrial Area for relaxation from buffer zone study.	CBWTF site is located in Red Zone of notified industrial area , Plot No. 16 GAA, Malanpur Ghirongi, District – Bhind, Madhya Pradesh, which is nearer to the city sites .
	A CBWTF shall be located at a place reasonably far away from residential and sensitive area so that it has minimal impact on these areas	CBWTF is in notified industrial area and nearest habitation is Kheriya Keshar which is 1.1 km in ENE direction.
	The location shall be decided in consultation with the State Pollution Control Board (SPCB)/Pollution Control Committee (PCC).	The project will commence only after acquiring necessary NOC from Madhya Pradesh Pollution Control Board.
Land Requirement	Minimum required land for CBWTF is 1 acre to provide sufficient space for project machinery and vehicle movement	The project area is 1.11 Acre (4500 sq.m.)
Coverage Area	The coverage area of CBWTF site should be only one site for catering 10,000 beds or 150 kms radius	Only one CBWTF site is available in Bhind district. Total Beds availability are more than 28000 in nearby 150 KMs. Radius area hence new CBWTF setup will be required & justified.

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 690th SEIAA meeting dtd. 22.10.21 and decided to approve the ToR as recommended by SEAC in 516th meeting held on 23.09.21 and standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions:-

1. PP shall carry out comprehensive gap analysis through data authentication from Government agency and justify their proposal for establishment of another CBWTF within 75 kms radius.
2. Considering food industry near to the project site (on the East side) and habitations on SE side, PP will carry out air modeling (plume dispersion) selecting suitable software and discuss in EIA report where maximum GLC would occur. PP will also submit the exact distance of nearest industry (on the East side) and habitations on SE side from the all four corners of the project location and justify that this CBWTF will not cause any adverse impact on this industry in the vicinity. The stack height shall be proposed considering above sensitivities.
3. The proposed layout plan of the project should be revised and provision should be made for the entry from the main road situated in southern direction.
4. Data collection of EIA should be done under the intimation to the M.P. Pollution Control Board, Bhopal for coming winter season.
5. One monitoring location should be fixed in the nearby industry (on the East side) and habitations on SE side for monitoring of air, noise water, soil etc.
6. Considering habitation near to the project site (on the SE side), PP should provide the details of habitations with sensitive features such as no. of houses, no. of residents and details of other structures such as schools, hospitals, source of water supply etc.
7. Justify in EIA report considering habitation near to the project site (on the SE side) that the proposed technology is "Best Available Technology" of CBWTF and also how unit will remain zero discharge.
8. Maximum storage time of Bio-medical waste within the facility and disposal plan of autoclaved material should be discussed in the EIA report.
9. Monitoring of VOC should be added in the proposed monitoring protocol of EIA study.
10. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, Gwalior.
11. Justify in EIA report, how unit will remain zero discharge.
12. PP shall obtain CTE from the MP Pollution Control Board and same shall be appended with EIA report.
13. Proposal for GPS enable vehicles and their route maps shall be discussed in the EIA report.
14. Elaborate handling and disposal of hazardous waste and possible spillage avoidance in the EIA report.
15. Ash storage and sharp pit design criteria shall be discussed in the EIA report.
16. Under CER scheme with physical targets:
 - ✓ Activities such as solar panels & white wash in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) in concerned village shall be proposed.
 - ✓ 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 by them.
17. Under Plantation Scheme with budgetary allocations:

- ✓ Comprehensive green belt plan as suggested by committee by adding native species such as species like Neem, Kanak champa & Saptparni etc and for gardening purpose propose species like Mehndi, Karonda in the EIA report with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Minimum 33% area will be kept for plantation.
- ✓ 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 by concerned CCF, Social Forestry Circle or concerned DFO or any other competent agencies.

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 propped 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.

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.
2. 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.
3. 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.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEIAA prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.

12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing (if conducted) with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. 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.
15. 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.
16. 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.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. 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.
22. 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.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing (if applicable) 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.
25. 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 analysed.
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.

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.

27. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
28. Detailed analysis of availability and quality of the drinking water resources available in the block.
29. 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.
30. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.

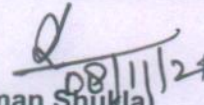
Documents to be submitted:

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 Wildlife 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.

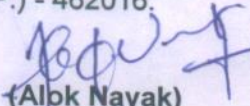
Validity –

- 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 21/10/2025.


(Shriman Shukla)
Member Secretary

Copy to:-

1. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
2. Member Secretary, Madhya Pradesh Pollution Control Board, E-5 Paryavaran Parisar, Arera Colony Bhopal (M.P.) -462016.
3. The Collector, Distt- Bhind - M.P.
4. M.D. M P Audyogik Kendra Vikas Nigam (Gwalior) Ltd 52, Ravi Nagar Gwalior – 474002
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.


(Allok Nayak)
Officer-In-Charge