



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

To,

The Partner

VANDNA PARIHAR

H. No. 104, Brahmpuri Colony, Neelbad, Bethel Public School, Neelbad -  
462044

**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/MP/INFRA2/404672/2022 dated 09 Nov 2022. The particulars of the  
environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B057MP127377
2. File No.	9161/2022
3. Project Type	New
4. Category	B
5. Project/Activity including Schedule No.	7(d)(a)Common Bio-Medical Waste Treatment Facility
6. Name of Project	Common Bio Medical Waste Treatment Facility (CBWTF)
7. Name of Company/Organization	VANDNA PARIHAR
8. Location of Project	MADHYA PRADESH
9. TOR Date	N/A

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

Date: 14/02/2023

(e-signed)  
Shri,Mujeebur Rehman Khan  
Member Secretary  
SEIAA - (MADHYA PRADESH)

*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.*

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**Ref:Proposal No.SIA/MP/INFRA2/404672/2022, Case No. Case No 9161/2022** Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility at Khasra No. 758/6, Village - Ahar, Tehsil - Baldevgarh, Dist. Tikamgarh, (MP) Land Area 4050 sq. m Proposed Capacity: 1 No. Incinerator of capacity 100 kg/hr (Dry) 1No. Autoclave of capacity 250 kg/hr, 1 No. Shredder of capacity 100 kg/hr each ETP Capacity – 5.0 KLD by M/s Indo Tech Waste Solutions, Shri Vandana Parihar, Partner, H. No. 104, Brahmipuri Colony, Neelbad, Bethal Public School, Neelbad, Dist. Bhopal, MP- 462044 Email: indotech.wastesolution@gmail.com Env.Consultant: M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram

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), dated 14<sup>th</sup> September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form -2, PFR and subsequently submission of EIA & EMP report, PPT & the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- I. उपरोक्त प्रकरण में प्रस्तावित 100 कि.ग्रा. प्रतिघंटे की क्षमता वाले कॉमन बायो मेडिकल वेस्ट ट्रीटमेंट फैसिलिटी (CBWTF) की स्थापना किये जाने हेतु पूर्व पर्यावरण स्वीकृति से संबंधित है।
- II. परियोजना अंतर्गत उक्त प्लांट की स्थापना ग्राम आहार तहसील बलदेवगढ़ जिला टीकमगढ़ में खसरा क्रमांक 758/6 में प्रस्तावित किया गया है जोकि ई.आई.ए. अधिसूचना 2006 के यथासंशोधित अधिसूचना दिनांक 17.04.2015 के अनुसार 'बी' श्रेणी की परियोजना के अंतर्गत 7 (da) में सम्मिलित किया गया है।
- III. परियोजना को म.प्र. प्रदूषण नियंत्रण बोर्ड द्वारा दिनांक 02.01.2023 को CTE भी जारी की गई है।
- IV. परियोजना स्थल एक निजी प्लाट जिसका क्षेत्रफल 4050 वर्ग मीटर है पर प्रस्तावित किया है।
- V. उक्त प्रकरण पर SEAC की 572 वीं बैठक दिनांक 19 मई 2022 को ToR हेतु अनुशंसा की गई थी जिसकी कार्यवाही विवरण पृष्ठ क्रमांक 35 से 36 पर दर्ज है अनुशंसा के आधार पर SEIAA की 725 वीं बैठक दिनांक 27/05/2022 में अतिरिक्त शर्तों के साथ ToR प्रदान किया गया।
- VI. परियोजना की लोक सुनवाई दिनांक 07.09.2022 को अपर कलेक्टर टीकमगढ़ की अध्यक्षता में ग्राम पंचायत भवन ग्राम- अहार तहसील बलदेवगढ़ जिला टीकमगढ़ में आयोजित हुई।
- VII. प्रकरण को SEAC की 620 वीं बैठक दिनांक 13 जनवरी 2023 में विचार किया गया जिसका कार्यवाही विवरण पृष्ठ क्रमांक 50 से 64 पर दर्ज है परियोजना प्रस्तावक के प्रस्ताव एवं प्रस्तुतिकरण को SEAC ने संतोषजनक पाया इस आधार पर परियोजना की पूर्व पर्यावरण मंजूरी की अनुशंसा की है।
- VIII. परियोजना का विवरण निम्नानुसार है :-

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF)
Promoter	Mrs. Vandana Singh Parihar of M/s. Indo Tech Waste Solutions
Location of Industry	Khasra No. 758/6, Village - Ahar, Tehsil - Baldevgarh, & District Tikamgarh
Total Plot Area	4050 Sq.mt. (1 Acre)
Open Area	489.00 sq.mt. (5263.55 sq.ft.)

Green Area	1347.00 sq. mt. (14498.99 sq. ft.)
Capacity	1 No. Incinerator of capacity 100 kg/hr (Dry) 1 No. Autoclave of capacity 250 kg/batch 1 No. Shredder of capacity 100 kg/hr each ETP Capacity – 5.0 KLD
Water Requirement	Approximately 5 KLD of water required during construction of the unit from private tanker.
Waste water Generation	2.0 KLD
ETP	5.0 KLD
Treated Water from the unit	1.7 KLD (1 KLD for Landscaping & 0.7 KLD for Misc. Purpose.)
Power Requirement	Total Power Requirement - 63 KW Supply source – (MPEB) Back up- DG. Set of 62.50 KVA capacities as standby.
Manpower Requirement	27 persons
Estimated Project cost	Rs. 190 Lacs
Nearest Railway Station	Sarkanpur Railway Station – 12.1 km in NE direction.
Nearest Highway	SH-10- 5.9 Km in NE direction.
Nearest Airport	Khajuraho Domestic Airport– 93.6 Km in ENE direction away from the site.

SEAC की उपरोक्त बैठक में की गई अनुशंसा के प्रकाश में उपरोक्त सभी बिन्दुओं पर प्राधिकरण द्वारा विचार विमर्श किया और निम्नलिखित तथ्यों पर ध्यान दिया गया जो कि SEAC की कार्यवाही विवरण में समाहित है :-

- I. CBWTF Revised Guideline for CBWTF – CPCB के पैरा 2(b) में गैप एनालिसिस का दायित्व State Pollution Control Boards (MPPCB इस प्रकरण में) का है।
- II. इस के आधार पर MPPCB ने "Review of coverage areas/Gap Analysis Report – 2017 में प्रत्येक जिले में प्राथमिकता के साथ CBWTF स्थापना की अनुशंसा की है।
- III. CBWTF Revised Guideline for CBWTF – CPCB के पैरा 2(a) के तहत SPCB एक विहित प्राधिकृत संस्था (Prescribed Authority) है।
- IV. MPPCB द्वारा विचाराधीन प्रकरण में CTE दिनांक 2 जनवरी 2023 को प्राप्त कर ली है। इस कार्यवाही से यह आशय समझा जा सकता है कि, MPPCB जिला टीकमगढ़ में एक CBWTF की स्थापना करना चाहता है और इस विचाराधीन CBWTF का कवरेज एरिया एवं बेड्स संख्या उनके द्वारा ही निर्धारित की जावेगी।
- V. मे. जे.के. वेस्ट मैनेजमेंट सिस्टम की शिकायत 10,000 बेड्स संख्या के संबंध में प्राधिकरण ने यह पाया कि जब MPPCB ने उक्त परियोजना को CTE जारी की है तो इस विषय पर उनके द्वारा विचार किया गया होगा क्योंकि MPPCB ही BMWW Rule 2016 की इन सब मामलों के निर्णय हेतु प्राधिकृत संस्था है।
- VI. SEAC की 620 वीं बैठक दिनांक 13 जनवरी 2023 के अनुसार परियोजना प्रस्तावक का गैप एनालिसिस 4900 बेड है जो कि टीकमगढ़, छतरपुर, दमोह, पन्ना एवं निवाड़ी जिलों में आगामी 10 वर्षों में स्वास्थ्य सेवाओं की वृद्धि एवं प्रत्येक जिलों में मेडिकल कालेजों की स्थापना की जाने हेतु मध्यप्रदेश शासन की योजना के दृष्टिगत प्रस्तावित प्रकरण व्यवहारिक एवं तर्कसंगत है।

VII. परियोजना की स्थापना का प्रस्ताव औद्योगिक क्षेत्र में नहीं है इसके स्थापना की श्रेणी को देखते हुये इकाई के समस्त स्थापना योग्यता का परीक्षण SEAC द्वारा किया गया है और इस इकाई की स्थापना की अनुशंसा की है।

VIII. मेसर्स जे.के. वेस्ट मैनेजमेंट सिस्टम की शिकायत दिनांक 11.01.2023 को प्राधिकरण द्वारा संज्ञान में लिया गया एवं विचार विमर्श के पश्चात् निम्नानुसार कार्यवाही निर्णित की गई। म.प्र. प्रदूषण नियंत्रण बोर्ड के "Review of coverage areas/Gap Analysis Report - 2017" की प्रत्येक जिले में CBWTF की अनुशंसा, जैव अपशिष्ट की प्रदूषणकारी प्रकृति, इसका समयबद्ध निष्पादन, प्रदूषणकारी पदार्थ का अनावश्यक परिवहन से होने वाले प्रदूषण की संभावनाओं के दृष्टिगत, जनस्वास्थ्य सेवाओं की भविष्य में जिले में वृद्धि की आवश्यकता एवं जनहित एवं जनस्वास्थ्य को ध्यान में रखकर टीकमगढ़ जिले में प्रथम CBWTF की स्थापना करना न्याय संगत है।

IX. यह टीकमगढ़ की प्रथम CBWTF इकाई होगी।

उपरोक्त तथ्यों के प्रकाश में, विचार विमर्श एवं जैव अपशिष्ट के प्रदूषणकारी प्रकृति को ध्यान में रखते हुये जनहित, आम नागरिकों के स्वास्थ्य, एवं स्वास्थ्य सेवाओं, अस्पतालों की आवश्यकता एवं भविष्य की योजनाओं को ध्यान में रखकर व उपरोक्त प्रस्ताव पर परियोजना प्रस्तावक द्वारा प्रस्तुत ऑनलाइन दस्तावेज, EIA प्रतिवेदन एवं सेक के समक्ष की गई प्रतिबद्धता एवं SEAC की समग्र रूप से की गई अनुशंसा एवं अधिरोपित शर्तों को राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) की 770 वीं बैठक दिनांक 02.02.2023 में मान्य करते हुये विस्तृत चर्चा उपरांत सर्व सम्मिति से निम्नलिखित विशिष्ट शर्तों के साथ परियोजना प्रस्तावक मे इंडोटेक वेस्ट सॉल्यूशंस पार्टनर श्रीमती वंदना परिहार निवासी मकान नंबर 104 ब्रम्हपुरी कॉलोनी नीलबड़ बेथल पब्लिक स्कूल नीलबड़ जिला भोपाल (म.प्र.) को CBWTF इकाई खसरा क्रमांक 758/6, रकबा 4050 sq. meter ग्राम अहर, तहसील बल्देवगढ़ जिला टीकमगढ़ (म.प्र.) में स्थापना हेतु पूर्व पर्यावरण मंजूरी प्रदान की जाती है।

**A. Specific Conditions as recommended by SEIAA**

1. प्रकरण में जारी पर्यावरण स्वीकृति माननीय सर्वोच्च न्यायालय, माननीय उच्च न्यायालय, माननीय एन.जी.टी. एवं अन्य न्यायालयों के आदेशों/दिशा निर्देशों के अधीन मान्य रहेंगी तथा माननीय सर्वोच्च न्यायालय, माननीय उच्च न्यायालय, माननीय एन.जी.टी. एवं अन्य न्यायालयों द्वारा जारी सभी निर्देशों/निर्णयों का अनुपालन परियोजना प्रस्तावक के लिये बाध्यकारी होगा।
2. प्लांट के चारों ओर तीन कतार में सघन वृक्षारोपण किया जावे।
3. प्लांट की स्थापना रोड से अधिकतम दूरी पर की जावे ताकि रोड से उसकी दूरी अधिकतम मिले एवं उनसे निकलने वाली ऊष्मा एवं प्रदूषण से रोड से निकलने वाले लोगों को सुरक्षित रखा जा सके।
4. प्लांट के सामने रोड पर किसी भी प्रकार का परिवहन प्रभाव, प्लांट गतिविधियों द्वारा न पड़े।
5. प्लांट हेतु जैव अपशिष्ट के परिवहन में संपूर्ण सावधानी रखी जाए एवं पर्यावरण नियमों का पालन कड़ाई से किया जावे।
6. जैव अपशिष्ट के एकत्रीकरण एवं निष्पादन 48 घंटे के अंदर अनिवार्य रूप से किया जावे।
7. CBWTF का कार्यक्षेत्र का निर्धारण MPPCB द्वारा किया जावेगा जो कि बंधनकारी होगा।

8. अपशिष्ट की राख एवं ETP के बीच का अंतिम निष्पादन प्राधिकृत TSDF में ही किया जावेगा। जिसका लेखा भी रखा जावेगा। परिवहन एवं निष्पादन की सूचना MPPCB को दी जावेगी।
9. प्रदूषण को ध्यान में रखते हुए रोड़ साईट Incinerator एवं चिमनी की ओर बाउण्ड्रीवाल की ऊँचाई 3 से 3.6 मीटर की रखी जावे।
10. ETP के पर्यवेक्षण हेतु पृथक से विद्युत मीटर की स्थापना अनिवार्य रूप से की जाये।
11. परियोजना स्थल का रोड़ समीपस्थ होने के कारण यदि आवश्यक हो तो, चिमनी की ऊँचाई 30 मीटर से अधिक रखी जाये।
12. पर्यावरण प्रभाव आकलन प्रतिवेदन के अनुसार दुर्गंध निवारण एवं नियंत्रण हेतु प्रस्तावित उपायों का पालन अनिवार्यतः किया जावे, साथ ही दुर्गंध के निवारण हेतु सक्षम नियंत्रण उन्नत तकनीकी से किया जाये।
13. यह परियोजना ईकाई औद्योगिक क्षेत्र में प्रस्तावित नहीं है इस कारण CETP की सुविधा न होने के कारण इकाई में Zero Liquid Discharge के प्रावधानों का कड़ाई से पालन सतत अनिवार्य है।
14. परियोजना प्रस्तावक द्वारा जन सुनवाई के दौरान की गई प्रतिबद्धताओं का परिपालन जिला प्रशासन एवं मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड के मार्गदर्शन एवं समन्वय में अनिवार्यतः सुनिश्चित किया जावे।
15. परियोजना प्रस्तावक द्वारा भारत सरकार की जल संसाधन, नदी विकास और गंगा संरक्षण विभाग (केन्द्रीय भूमि जल प्राधिकरण) द्वारा अधिसूचना दिनांक 24.09.2020 में भूजल दोहन हेतु निहित प्रावधान अनुसार निर्माण कार्य के पूर्व अनिवार्यतः अनुज्ञा प्राप्त की जाये।
16. परियोजना प्रस्तावक द्वारा कार्यस्थल पर इंसीनेटर के तापमान का डिस्प्ले कर उक्त तापमान का रिकार्ड अद्यतन रखा जावेगा।
17. परियोजना प्रस्तावक द्वारा CBWTF से उत्पन्न कुल ठोस अपशिष्ट, वेस्ट वाटर ट्रीटमेन्ट से उत्सर्जित स्लज को मिलाकर अपवहन TSDF के माध्यम से किया जाये। परिसर में किसी भी प्रकार के ठोस अपशिष्ट का भण्डारण एवं उसका भूमि के अंदर अनिवार्यतः नहीं डाला जावे।
18. The proposed site is 15 meters away from the forest compartment no. P 101 A, NOC provided by DFO vide letter no. 3251 dated 01.06.22 and also verified vide letter no. 6904 dated 07/12/2022, so necessary strict caution shall be taken so that no adverse impact to be created in forest land due to this project activity.
19. This EC will be subject to the establishment criteria to be decided by the MPPCB.
20. The entire demand of fresh water should be met through private tanker and if exceeds the requirement PP should obtain NOC from CGWA for withdrawal of ground water.
21. Proponent shall strictly comply the design criteria for incinerator, autoclave, shredder and all other requirements as per CPCB guidelines.
22. ZLD status shall be maintained all the time.
23. PP should ensure to implement the need base activities under CER in consultation with district administration/village panchayat.
24. This environmental clearance is issued subject to implementation of online air monitoring facility equipment, waste water management odour management and noise management system. PP should ensure to efficiency of the pollution control measurement should not be less than 99%.

25. PP to include carbon foot print in the Environmental Monitoring and set targets for reduction of their footprint in the management systems.
26. PP will take prior permission of MPPCB for establishing CBWTF at the site in reference to revised guideline of CPCB-2016 for CBWTF before installation.
27. Compliance of all the directions / Judgment issued by NGT or other Courts shall be binding on part of the PP
28. PP should install adequate ETP for treatment and disposal of effluent and Zero discharge should be maintained.
29. Process effluent/any waste water should not be allowed to mix with storm water.
30. Guidelines of CPCB/MPPCB for Bio-Medical Waste Common Hazardous Wastes Incinerators shall be followed.
31. No landfill site is allowed within the CBWTF site.
32. Ecosorb (organic and biodegradable chemical) and alumina will be used around odor generation areas at regular intervals for dilution of odorant by odor counteraction or neutralize.
33. PP will ensure to use only non chlorinated bags for handling and storing bio medical waste. In any case, PP is not allowed to use poly and plastic bags.
34. All safety measures will be strictly followed by workers for handling of Bio medical waste bags during storage and feeding at incinerator to prevent health hazards.
35. Incinerator should be properly interlocked with venture scrubber to control air pollution.
36. Incinerated ash and ETP sludge shall be disposed at approved TSDF and MoU made in this regard should be done prior to the commencement.
37. Color coding for handling waste be strictly followed as per BMW Rules 2016.
38. PP should ensure the rain water harvesting by providing of recharging pits. In addition, PP should provide recharging trenches. The base of the trenches should be Kachha with pebbles. During recharging precautions should be taken so that ground water do not get contaminated due to project activity.
39. PP will install continuous online monitoring system to monitor the emissions from the stack. Periodical air quality monitoring in and around the site shall be carried out. The parameters shall include Dioxin and furan.
40. Proper Parking facility should be provided for employees & transport used for collection & disposal of waste materials.
41. Necessary provision shall be made for firefighting facilities within the complex.
42. PP should carryout periodical air quality monitoring in and around the site including VOC, HC.
43. PP shall ensure to conduct quarterly health check up of workers working in the plant.
44. PP will construct garland drain of appropriate size and settling tank with stone pitching all around the plant premises.

45. PP should develop 5 m green belt all along the periphery of the species that are significant and used for the pollution abatement. Besides this, PP will explore the possibility to develop dense green belt by planting thick foliage trees.
46. 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.
47. The proponent should ensure that the project fulfills all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration - 2005, issued by CPCB.
48. The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
49. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures, and other energy efficient plant machineries and equipments.
50. The containers should be covered during transportation in order to prevent exposure of public to odors and contamination.
51. PP should have two storage rooms separately for treated and untreated waste.
52. PP should ensure the traffic movement plan, parking facilities and road width.
53. PP should develop green belt at least minimum of 33% in plant premises as per CPCB guidelines with native species/Pollution absorbing species.
54. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project submitted by project proponent vide commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.
55. The unit shall strictly comply with CPCB guidelines for setting up the common biomedical waste treatment facility.

**B. Specific Conditions as recommended by SEAC**

S. No.	Equipment/Machinery	Capacity	Nos.
1.	Static Dry Incinerator	100 kg / hrs.	1
2.	Horizontal Cylindrical Autoclave	2500 ltr./hrs. or 250 kg/batch	1
3.	Shredder	100 kg/hrs.	1
4.	Effluent Treatment Plant	5 KLD	1

**I. Statutory Compliance:**

- i. The project proponent shall obtain Consent to Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- ii. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.

- iii. Project shall fulfill all the provisions of hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration – 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerations shall be followed.
- iv. Project shall fulfill shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- v. All other statutory clearances such as the approvals for storage of diesel from Chief Controlled of Explosive, Fire Department Civil Aviation Department shall be obtained, as applicable by project proponent from the respective competent authorities.

## **II. Air quality monitoring and preservation**

- i. The project proponent shall install continuous emission monitoring system including Dioxin and furans to monitor stack emission with respect to standards prescribed in Environment in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- iii. Incineration plant shall be operated (combustion chambers) with temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) consent in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the materials.
- iv. Adequate air pollution control system should be provided with the incinerator to arrest the gaseous emission with stack of adequate height (Minimum 30 meters) to control particulate emission.
- v. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution Control devises (quenching, venturi scrubber, mist eliminator) should be provided for compliance of emission standards.
- vi. Masking agents should be used for odour standards.

## **III. Water quality monitoring and preservation**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Waste water generated from the facility shall be treated in the ETP. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero liquid discharge shall be maintained.
- iii. Process effluent /any waste water should not be allowed to mix with storm water.
- iv. Total fresh water use shall not exceed the proposed requirement (5 KLD) as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- v. Zero discharge treatment system shall be provided. No soil contamination is anticipated from the proposed project as the land fill facility will have liner system to arrest any contamination.
- vi. Web based camera shall be installed to monitor the ZLD condition.
- vii. The leachate, if any, from the facility shall be collected and treated to meet the prescribed standards before disposal.
- viii. A drain along the boundary wall shall be made, and shall be connected to settling tank to protect the flow of contaminant towards nearby land
- ix. Run-off from upstream areas will be diverted to settling tank (5mLX5mWX5D) within the premises through drains.



- x. The run-off generation will be minimized by diverting run-off from areas external to the plant to storm water discharge points.

#### IV. Noise monitoring and prevention

- i. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- ii. The sources of noise generation will Incinerator, pumps, Compressors, etc. All machinery has been manufactured as per OSHA/MoEF guidelines. Earplugs have been provided to workers working in noise prone area.
- iii. Ambient noise levels is in accordance with MoEF notification dated 14-02-2000 i.e. noise levels will be < 75 dB (A) during daytime and < 70 dB (A) during night time. No additional increase is expected.

#### V. Energy Conservation measures

- i. Provide solar power generation roof tops of building, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide LED lights in their offices and residential areas.
- iii. Power will be required about 35 KVA which have been sourced through Madhya Pradesh Vidyut Vitaran Company Ltd.

#### VI. Waste Management

- i. Incinerated ash and other shredded or Autoclaved waste shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the SPCB prior to the Commencement.
- ii. The solid wastes shall be segregated as per the norms of the solid Waste Management Rules, 2016.
- iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- iv. No landfill site is allowed within the CBWTF site.
- v. Regular monitoring and analysis of village Pond flowing nearby and nearby pond shall be carried out
- vi. RCC dyke/platform should be constructed for storage of chemicals and oil drums to avoid spillage.
- vii. The project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB and disposed them as per condition of the authorization.

#### VII. Green Belt

- i. Green belt shall be developed in area as provided in project details, with native tree green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. Green belt planning shall be made with ecological perspectives for the project taking into consideration and availability of space and other aspects. This will help in increasing the aesthetic effect of the environment. The trees maintain the regional ecological balance and conform to soil and hydrological conditions shall be planted. Green belt shall be provided at the common biomedical waste treatment facility. Total area for green belt shall be 1347.0 sq. m. (~33.26% of total plot area). we have proposed total 270 No. of Trees:

S. No.	Botanical Name	Common Name	Numbers and Location
1	Azadirachta Indica	Neem	80 (On Periphery)
2	Polyalthia Longifolia	Ashok tree	30 (On Entry-Exit & Roadside)

3	Roystonea oleracea	Royal bottle palm	20 (Garden Area)
4	Ficus panda	Golden Ficus	20 (Garden Area)
5	Rhapis palm	Lady palm	10 (Garden Area)
6	Mimusops elengi	Molshree	5 (Garden Area)
7	Plumeria Alba	White frangipani	40 (Garden Area)
8	Jasminum	Jasmine Plant	35 (Near by ETP)
9	Alstonia Scholaris	Saptaparni	15 (On Periphery)
10	Putranjivaceae	Putranjiva	15(On Periphery)

#### IX. EMP & Corporate Environment Responsibility

- i. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/condition. The company shall have a defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly reports.
- ii. In the EMP PP have proposed Rs. 50.50 lakh as capital cost, 9.0 lakh/year for recurring expenses and Rs. 13.00 lakhs for occupation health & safety.
- iii. PP shall provide budget of Rs 06.00 Lacs under CER budget and shall be incurred as per the proposal given below:

Sr. No.	Proposed CER Activities	Budget (INR) in lakhs
1	Contribution for the Tree Plantation at Kundeshwar Dham Sanctuary Near Tikamgarh through DFO Tikamgarh.	2.5
2	Regular medical health checks up camps in nearby villages.	0.50
3	Distribution of Solar lights, Solar cooker and Ujjwala gas connection to the residents of Ahar village for incremental Carbon sequestration.	2.0
4	Additional Plantation of 1000 trees on near by forest and Village area @ 100 Rs. Each.	1.0
	Total CER Budget	6.0

- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Officer along with the six monthly Compliance Report.

- vi. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- X. Miscellaneous**
- i. The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.
  - ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - iii. No further expansion of modification in the plant shall be carried out within prior approval of the Ministry of Environment Forests and Climate Change (MoEF & CC).
  - iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules any other orders passed by the Hon'ble Supreme Court of India/ High Courts/NGT any other Court of Law relating to the subject matter.

**Standard Conditions:**

1. "Consent for Establishment" shall be obtained from the MPPCB under the Air and Water Act and a copy shall be furnished to the MPSEIAA, before taking up any construction activity at the site.
2. Guidelines published by the Central Pollution Control Board from time to time for common incineration facilities shall be referred for implementation.
3. Transportation and handling of Bio-medical Wastes shall be as per the Bio-medical Wastes (Management and Handling) Rules, 2000 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
4. The proponent should obtained necessary clearance from the Central Ground Water board Authority if requird.
5. The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
6. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at [www.mpseiaa.nic.in](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF& CC Gol, Bhopal.
7. The Project Proponent has to upload only soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/>.
8. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act,

1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner..

9. The Environmental Clearance shall be valid for a period of Seven years from the date of issue EC as per EIA Notification, 2006 Para 9 & its amendments.
10. Any appeal against this prior environmental clearance shall lie with the National Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(मुजीबुरहमान खान)  
सदस्य सचिव

Copy to:-

- (1). प्रमुख सचिव, म.प्र. शासन, पर्यावरण विभाग, मंत्रालय, भोपाल ।
- (2). सदस्य सचिव, राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (सेक), अनुसंधान एवं विकास विंग, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5, अरेरा कॉलोनी, भोपाल - 462016 ।
- (3). सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5, अरेरा कॉलोनी, भोपाल - 462016 ।
- (4). कलेक्टर, जिला टीकमगढ़ (म.प्र.)
- (5). वन मंडलाधिकारी, जिला टीकमगढ़ (म.प्र.)
- (6). सरपंच, ग्राम पंचायत कार्यालय, ग्राम अहर, तहसील बल्देवगढ़ जिला टीकमगढ़ (म.प्र.)
- (7). आई.ए. डिवीसन, निगरानी प्रकोष्ठ, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, इंदिरा पर्यावरण भवन, जोर बाग रोड़, नई दिल्ली - 110003 ।
- (8). निदेशक, क्षेत्रीय कार्यालय, पश्चिमी क्षेत्र केन्द्रीय पर्यावरण भवन, लिंक रोड़ नं. 03, रवि शंकर नगर, भोपाल - 462016 ।
- (9). संबंधित फाईल ।

  
(आलोक नायक)  
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