



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

To,

The The Proprietor
GOSAVI HANAMANTRAO
The Proprietor,
Banashakanri Environment Services, Krishna Kunj Parerkh Nagar,
Vijayapura
-586103

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/KA/INFRA2/436738/2023 dated 19 Jul 2023. The particulars of the
environmental clearance granted to the project are as below.

- | | |
|---|---|
| 1. EC Identification No. | EC23B057KA188683 |
| 2. File No. | SEIAA 29 IND (VIOL) 2023 |
| 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 | Establishment of Common Bio-Medical
Waste Treatment and Disposal Facility by
M/s Banashankari Environmental
Services |
| 7. Name of Company/Organization | GOSAVI HANAMANTRAO |
| 8. Location of Project | KARNATAKA |
| 9. TOR Date | N/A |

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

Date: 27/11/2023

(e-signed)
Sri. B. P. Ravi., IFS
Member Secretary
SEIAA - (KARNATAKA)

*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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State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 29 IND (VIOL) 2023

To,

Dr. Hira H Gosavi
Proprietor
M/s. Banashankari Environment Services
Krishna Kunj Parekh Nagar
Vijayapur – 586 103

Sir,

Sub: Proposed Establishment of Common Bio-Medical Waste Treatment Facility Project at Plot No. 211 of Kanagala Industrial area, Hukkeri Taluk, Belagaum District by M/s. Banashankari Environment Services - issue of Environmental Clearance Reg.

* * * *

This has reference to your online application dated 1st June 2023 bearing proposal No. SIA/KA/INFRA2/431419/2023 addressed to SEIAA, Karnataka and EIA Report bearing proposal No. SIA/KA/INFRA2/436738/2023 received on 19/07/2023 by SEIAA, Karnataka on the subject mentioned above. The proposal has been appraised as per procedure prescribed in the provisions under the EIA notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the application in Form-1, Pre-feasibility report, EIA Report and the additional clarification furnished in response to the observations of the SEAC/SEIAA, Karnataka.

2. It is a proposal seeking Environmental clearance for Proposed Establishment of Common Bio-Medical Waste Treatment Facility Project at Plot No. 211 of Kanagala Industrial area, Hukkeri Taluk, Belagaum District by M/s. Banashankari Environment Services. This is a project falling under the category 7(da) of the Schedule to EIA Notification 2006.

3. It is inter-alia noted that M/s. Banashankari Environment Services have proposed for Establishment of Common Bio-Medical Waste Treatment Facility Project. The total plot area is 2.00 Acres (8004.00 Sqm). Industry will develop greenbelt in an area of 2641.32 Sqm i.e 33 % out of total area of the project site. The estimated project cost is Rs. 294 Lakhs.

The proposed capacity of CBWTF

Sl. No.	Equipment	Capacity Proposed	No. of equipment's
1	Incinerator	200 Kg/hr	1
2	Autoclave	500 ltr	1
3	Shredder	25 Kg/hr	2
5	Sharp Pit	2	2
6	ETP	10 KLD	

4. The total water requirement for the proposed project is 10 KLD, and It will be met from the KIADB water supply. The waste water generation will be 8.5 KLD, out of which 1.5 KLD will be domestic sewage, it shall be sent modular STP and 7 KLD will be Industrial effluent and it shall be treated in ETP of 10 KLD capacity. Power requirement is 50 HP and will be met from Hukkeri Rural Electric Co-Operative Society Ltd., Hukkei. The proposed unit to have DG set of 150 KVA and it shall be used as standby during the power failure.

5. The project proposal was considered by SEAC during the meeting held on 13th June 2023 and got recommended for issue of ToR. The SEIAA considered the proposal during the meeting held on 3rd July 2023 and decided to issue ToR for conducting EIA study. Accordingly, ToR was issued on 14.07.2023 for conducting Environment Impact Assessment (EIA) study in accordance with EIA notification 2006. The project is located within the notified industrial area and hence does not require public consultation. The EIA has been conducted by SAMRAKSHAN, Swastik Manandi Arcade, F- 4, I Floor, S C Road, Sheshadripuram, Bangalore - 560 020 who have been accredited from NABET vide certificate No: NABET /EIA/2225/RA 0265(Rev.01) dated 07.06.2023. The final EIA report Submitted on 19/07/2023 to the SEIAA Karnataka,

6. Based on the information submitted by you, presentation made by you and the Environment consultant, the State Level Expert Appraisal Committee (SEAC) appraised the proposal in the meeting held on 17th & 18th August 2023 and has recommended for issue of Environmental Clearance.

7. The SEIAA Karnataka has considered the project in its meeting held on 21st September 2023 and after due consideration of the relevant documents submitted by you and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC, decided to accord Environmental Clearance in accordance with the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and conditions:

I. Statutory compliance

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if

applicable.

- iii. If Applicable, The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / 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.
- v. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 20016 including the section 129 to 137 of Central Motor Vehicle Rules 1989.
- vi. 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 incinerators shall be followed.
- vii. The project proponent 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.
- viii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- ix. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities

II. Air quality monitoring and preservation

- i. The project proponent shall install online emission monitoring system for parameters – PM, CO, CO₂, O₂ to monitor stack emission with respect to standards prescribed 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.

Dioxins and furans shall be monitored once in six months as per BMW rule 2016
- ii. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- iii. 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.
- iv. Venturi scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.

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- 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 devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance of emission standards.
- vi. Masking agents should be used for odour control.

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 and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should 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 as provided in the project details. Prior permission from competent authority shall be obtained for use of borewell water.
- v. Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
- vi. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
- vii. The leachate from the facility shall be collected and treated in ETP to meet the prescribed standards before disposal.
- viii. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all groundwater abstraction points and records for the same shall be maintained regularly.
- ix. Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.

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.

V. Energy Conservation measures

- i. Provide solar power generation on roof tops of buildings, 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

VI. Waste Management

- i. Incinerated ash shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
- ii. The solid wastes shall be segregated as per the norms of the Solid Waste Management

Rules, 2016.

- iii. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- iv. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
- v. No landfill site is allowed within the CBMWTF site
- vi. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB

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.

VIII. Public hearing and Human health issues

- i. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
- ii. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
- iii. Necessary provision shall be made for fire-fighting facilities within the complex.
- iv. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- v. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
- vi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vii. Occupational health surveillance of the workers shall be done on a regular basis.

IX. Corporate Environment Responsibility

- i. The Project Proponent shall comply with provision contained in OM vide F.No. 22-65/2017-IA.III Dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of rejuvenation for water bodies/ drains in the vicinity of the project, Conducting Health awareness camp and Infrastructure development programs in government schools and Sanitary facilities in nearby Villages, as submitted vide letter dated 19.10.2023.
- ii. The company shall have a well laid down environmental policy duly approve 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/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. 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 to the head of the organization.
- iv. 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 Office along with the Six-Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

- i. This Environmental Clearance is subjected to outcome of the complaint filed by this authority vide C C No. 0002791/2023 before the Hon'ble Court of Principle Civil Judge & J.M.F.C, Sankeshwar on 21.10.2023, against the project authorities.
- ii. The Bank Guarantee No. 2023/BES/01 dated 18th October 2023 shall be renewed from time to time till the completion of Remediation Plan and Natural & Community Resource Augmentation Plan as submitted to this Authority and until duly released by this Authority in accordance with law. Non-renewal of Bank Guarantee until completion of implementation of Remediation plan and Natural & Community Resource Augmentation plan will render this Environment clearance inoperative and result in closure of this industrial unit.
- iii. The proponent shall comply all the remediation plan and natural and community resource augmentation plan as per the Annexure-I as committed.
- iv. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF CC/SEIAA website where it is displayed
- v. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- vi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

- viii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- ix. The criteria pollutant levels namely; (SPM, RSPM, SO₂), NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- x. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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.
- xiii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xiv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. The Half Yearly Compliance Report (HYCRs) with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID rosz.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable.**
- xviii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xix. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (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 and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



- xxi. In case of any material supported by documents/ court orders which is contrary to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.
- xxii. KSPCB may issue CFE for the project after conducting a Gap Analysis as per CPCB guidelines.

Additional Conditions:

1. The PP shall comply with the CPCB guidelines for BMW Management Rules 2016.
2. The PP shall grow three rows of trees all around the project boundary
3. The PP shall take additional precautionary measures for air pollution towards habitation by providing air pollution control devices.

Yours faithfully,



(B.P. Ravi)
Member Secretary,
SEIAA, Karnataka.

Copy to:

- 1) The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110 003.
- 2) The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
- 3) The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore – 560 034.
- 4) Guard File.

Annexure-I

Remediation Plan and Natural and Community Resource Augmentation Plan

Sl. No	Environmental attribute	Details
Natural resource augmentation		
1	Air & noise	Green-belt development outside the project within the industrial area along the road running adjacent to the proposed site till the Jain temple at the end of the road - Planting 200 treesaplinsatRs.500/-persapling. To be completed by the year 2025
2	Land & ecology	
Community Augmentation		
1	Water	Desilting for water bodies/drains nearby – ✓ Kanagala Keri (1km from the industrial area)
2	Socio-economics	Drinking water facility/ water filters for school at 1. Tavandi 2. Kanagala
		Solar street lights at 2 villages – 1. Halkarni-10 Nos 2. Shippur -10 Nos
		Providing study material at school at Tavandi
		Skill Development training courses like – tailoring course, computer course, typing course at 3 village 1. Shippur 2. Halkarni 3. Tavandi


(B.P. Ravi)
Member Secretary,
SEIAA, Karnataka.