



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

To,

The Director
M/S SNG ENVIROSOLUTIONS PRIVATE LIMITED
29A Ballygunge Circular Road Flat 1A Block B -700019

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/WB/INFRA2/403670/2022 dated 16 Nov 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B057WB131248
2. File No.	EN/T-II-1/058/2021
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 at Sagardighi, Dist. – Murshidabad, West Bengal proposed by M/S SNG Envirosolutions Private Limited
7. Name of Company/Organization	M/S SNG ENVIROSOLUTIONS PRIVATE LIMITED
8. Location of Project	WEST BENGAL
9. TOR Date	N/A

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

Date: 30/05/2023

(e-signed)
Kaliyamurthi Balamurugan
Member Secretary
SEIAA - (WEST BENGAL)

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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Proposed conditions for Environmental Clearance for the proposed Common Bio-Medical Waste Treatment Facility (CBWTF) at Plot No. 175/470, Mouza - Arazi Balarambati, P.S. – Sagardighi, Dist. – Murshidabad, West Bengal, by M/s. SNG Envirosolutions Pvt. Ltd.

Background of the project

The proponent made online application vide proposal no. SIA/WB/INFRA2/403670/2022 dated 16 November 2022 seeking Environment Clearance (EC) under the provisions of the EIA Notification, 2006 for the proposed Common Bio-Medical Waste Treatment Facility (CBWTF) at Plot No. 175/470, Mouza - Arazi Balarambati, P.S. – Sagardighi, Dist. – Murshidabad, West Bengal, by M/s. SNG Envirosolutions Pvt. Ltd.

The project proponent obtained Terms of Reference (ToR) for the proposal vide Memo No. 236/EN/T-II-1/058/2021 dated 16.02.2022 against proposal no. SIA/WB/MIS/60301/2021.

Salient features of the proposed project are:

Brief description of the project	Proposed Project for setting up of Common Bio-Medical Waste Treatment Facility (CBWTF) includes Incinerator, Autoclave, Shredder and Effluent Treatment Plant.		
Project Location	Proposed Project Site is located at Plot No. 175/470, Mouza- Arazi Balarambati, P.S.- Sagardighi, Block- Sagardighi, District- Murshidabad. Site Coordinates: 24°21'32.55"N, 88°05'32.41"E 24°21'31.23"N, 88°05'37.79"E 24°21'29.53"N, 88°05'37.03"E 24°21'31.58"N, 88°05'31.91"E		
Proposed Plant Capacity	Particular	Number	Capacity
	Incinerator	02	250 Kg/hr
	Autoclave	01	1000 Ltr/batch
	Shredder	01	250 Kg/hr
	Effluent Treatment Plant	01	20 KLD
Total Plant Area	1.98 Acres		
Greenbelt area	4645.78 sqm. (58% of the plot area)		
Power Demand	0.1 MW (Source: WB State Electricity Board) 100 kVA DG set to be maintained as an emergency alternative source		
Water Demand	16 KLD Source: Bore Well		
Waste water generation	The waste water generated from floor washing, vehicle washing and scrubbing will be treated through ETP of capacity 20 KLD and domestic waste water disposed through soak pit. The entire waste water shall be reused for plantation and maintaining the green area.		
Air pollution control system	The incinerator shall be provided with dry scrubbing system and having a minimum stack height of 30 m from GL.		
Manpower	40 persons		
Total Cost of the project.	Approx Rs. 6 Crores		

State Level Environment Impact Assessment Authority (SEIAA), West Bengal examined the proposal and also perused recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal, and after considering the recommendations of the State Level

Expert Appraisal Committee (SEAC), the State Level Environment Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA notification no. S.O. 1533 (E) dt. 14th September, 2006 of Ministry of Environment & Forests, GOI and the subsequent amendments, on the basis of above mentioned features along with other details submitted to SEIAA subject to strict compliance of the terms and conditions mentioned below.

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. 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. (in case 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 fulfil 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 emission monitoring system including Dioxin and furans 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 recognised 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 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 50mg/Nm³.

- 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 fresh 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 to meet the prescribed standards before disposal.
- viii. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water 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

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- v. No landfill site is allowed within the CBWTF 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 not less than 4645.78 sqm. (58% of the plot area) 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. The project proponent should follow the plantation plan submitted and uploaded in the PARIVESH portal by them.

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. Environment Management Plan (EMP)

- i. The project proponent should submit the proposed EMP on a six-monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.
- ii. Need based activities for local people is part of the EMP. Details of such activities submitted by the project proponent is given in Annexure-1.
- iii. The project proponent shall install display board for display of all the environmental parameters including sensor-based air, water and noise quality monitoring stations within their premises.
- iv. 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 shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the Regional Office of Ministry of Environment, Forest and Climate Change (MoEF&CC) along with State Level Environment Impact Assessment Authority (SEIAA) and West Bengal Pollution Control Board (WBPCB) as a part of six-monthly report.
- v. 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.

- vi. 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.
- vii. Year wise progress of implementation of action plan shall be reported to the Regional Office of MoEF&CC along with SEIAA and WBPCB along with the Six Monthly Compliance Report.
- viii. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

- i. The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.
- ii. 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.
- iii. 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.
- iv. 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.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the MoEF&CC at environment clearance portal with a hard copy to SEIAA/WBPCB.
- vi. 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.
- vii. 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.
- viii. The project proponent shall inform the Regional Office of the MoEF&CC along with SEIAA and WBPCB, 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.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. 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 State Expert Appraisal Committee (SEAC).
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.
- xii. 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.
- xiii. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

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- xv. The Regional Office of the MoEF&CC/SEIAA/WBPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office of MoEF&CC/SEIAA/WBPCB by furnishing the requisite data / information/monitoring reports.
- xvi. 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.
- xvii. 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.
- xviii. The contact details of the proponent and the name of the consultant are given below –

Name of the Contact person with Designation	Mr. Surendra Prasad Singh, Director
Address	Aishwarya Apartment, Flat 1A Block B, 29A, Ballygunge Circular Road, Kolkata - 700019.
Email	murshidabadcbmwtf@gmail.com sngenviro@gmail.com
Telephone Number Fax No.	+91 33 2476 4410 / 9417746337
Name of the Environmental Consultant	M/s Shivalik Solid Waste Management Ltd. (SSWML)

Annexure-1

NEED BASED ACTIVITIES FOR LOCAL PEOPLE

Sl. No.	Activities	Details	Capital cost	Recurring cost	Total Amount (Lakhs)
1.	Training on Biomedical Waste Awareness Programs	Environmental awareness including MSW segregation by organizing lectures of Experts.	--	0.40	0.40
2.	Provision of Toilet facility with running water	Construction & maintenance of separate toilets for girls will be provided with water facility in Bhumihar Primary school, Village Bhumihar, Manigram Murshidabad and Pauli Junior high school, Panchayat, Village Bhumihar, Manigram Murshidabad	2.50	1.0	3.50
	Provision of Sanitary Napkin Incinerator in girls' school	2 Sanitary napkin incinerator/vending machine shall be provided in Bhumihar Primary school, Village Bhumihar, Manigram Murshidabad and Pauli Junior high school, Panchayat, Village Bhumihar, Manigram Murshidabad: for easy Ecofriendly method and safe disposal of sanitary napkins.	0.35	0.25	0.60
	Provision of Solar lights	2 Solar streetlights will be provided in Bhumihar Primary school, Village Bhumihar, Manigram Murshidabad and Pauli Junior high school, Panchayat, Village Bhumihar, Manigram Murshidabad.	0.60	0.30	0.85
	Provision of Drinking water facilities	Provision of water supply in two schools: and regular maintenance of clean drinking water supply in Bhumihar Primary school, Village Bhumihar, Manigram Murshidabad and Pauli Junior high	0.40	0.25	0.65

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		school, Panchayat, Village Bhumihar, Manigram Murshidabad			
3.	Construction of Village Road	Construction and maintenance of Village Road Manigram	3.00	3.0	6.00
			6.85	5.15	12.0
Total					Rs. 12.0 lacs

The company shall earmark the fund of (2%) Rs. 12.0 lakhs for the CER. This Fund shall be utilized over a period of 3 years.

