

**L.G. Balakrishnan & Bros. Limited**  
**Plot No, G - 109, Survey No. 56 (P), 57 (P), 58 (P) and 59 (P),**  
**SIPCOT Industrial Park – Vallam Vadagal, Vadagal A Village,**  
**Sriperumbudur Taluk, Kanchipuram District – 602 105.**

**Compliance Condition Report on EC Id No. EC24C3806TN5424354N**

**Specific EC Conditions for (Building / Construction)**

**SEAC Conditions - Site Specific**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1.	The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.	We are in progress of obtaining quote from Third party agencies for IGBC ratings
2.	STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.	STP and ETP will be operated in Boot basis under the total control of the unit.
3.	The PP shall produce/purchase green energy to meet minimum 50% of its power consumption. PP shall achieve Net Zero by the year 2030.	Upon completion of the project, 50% of the total energy consumption shall be sourced from green energy sources.
4.	<p>The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely</p> <p>(1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area.</p> <p>(2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and</p> <p>(3) as a device which was crucial to the overall eco-system.</p>	<p>We are in process of discussion with local bodies for implementation of pond in the OSR area.</p> <p>Upon approval, we shall take necessary steps for the implementation of pond for rainwater recharge and maintaining overall ecosystem.</p>

**For L.G.BALAKRISHNAN & BROS LTD.,**

  
Authorised Signatory

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5.	As agreed by the project proponent, the CER cost is Rs.50 lakhs and the amount shall be spent for the following activities as committed within a period of 1 year from the date of issue of EC.		The organization has allocated the CER Cost of 50 lakhs in the year 2024 - 2025 for Promoting education, Preventive health care, Improvement of Educational Institution Facility. CER activity will be carried out as per local request.
	S.No	CER Details	
	1.	Planting of Trees and Nursery Development at SIPCOT Industrial Park- Vallam Vadagal.	
	<b>Total</b>		<b>50.00</b>
6.	Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.		We always ensure cement closed container for transportation of material to prevent dust emission during loading/unloading.
7.	Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).		Single Use Plastics has been already banned inside the industrial premise.
8.	The proponent should ensure that at least 20% of vehicles used for transporting workers to and from factory are e-vehicles.		We will organize the electric vehicle-based transportation for our employees to travel to the factory.
9.	The project proponent should develop green belt in the project area as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.		We are in the process of extending the greenbelt from 25% to 33% of the total area with native tree species. We have planted around 30 trees in vacant spaces in the Environment Day 2025 Celebration.
10.	Project proponent should invest the CSR/CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.		We shall adhere and submit the compliance report/ status regularly to the concerned authority regarding CSR/CER.
11.	Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF&CC/Director of Environment and other concerning authority regularly.		We will submit the compliance report to IRO, MOEF&CC/ DTE on regular basis.

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12.	Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.	We will provide dual pipeline network for the utilization of treated water. The treated water will not be discharged out of the premise at any cost, the same will be monitored using EMFM flowmeter.
13.	The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.	We will install the flow-meter for tracking the consumption of various sources of water.
14.	The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.	We will look for the feasibility of using treated water for construction use. If feasible, we shall execute the MoU with STP owner and the Unit.

**2. SEIAA Specific Conditions:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1.	The energy conservation and energy reduction measures should be followed.	We have considered energy conservation measures in the design aspects. The building plan and designs are based upon the approval of LPA norms.
2.	The PP shall adopt strategies to reduce the increase in temperature.	We will take adequate measures in the shop floor as well as in the outside to reduce the temperature.
3.	The proponent shall adopt strategies to develop carbon-neutral or zero-carbon building.	LGB has aligned with India's decarbonization plan of becoming Net Zero by 2070. In connection, we are developing strategies in phase wise for reduction of GHG emissions through Purchased electricity.
4.	The building plan & design should strictly adhere to LCA norms.	The building plan and designs are based upon the approval of LCA norms.
5.	The building geometry, design & engineering should ensure congestion free atmosphere within and outside.	We have designed the buildings and dimensions in way it doesn't creates the issues in internal & external traffic.
6.	The wind direction & the aerodynamics should not be disturbed because of the proposed building.	Our building structures will not disturb the wind direction & aerodynamics.
7.	The building design should not impair the visibility of nearby structures and features around.	The building design of the plant doesn't impair the visibility of structures and features.

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8.	There should be enough green space within and outside the building.	Adequate green belt has been established within the plant premise. Indoor plants are also kept inside the administration building, shop floors etc.,
9.	The building design and engineering should not lead to oxygen starvation.	We have provided adequate structures and machinery for ventilation within the building.
10.	Cool roofs should be provided to curtail heat absorption.	Turbo ventilators are provided in the roof to remove heat from the industrial building

**3. SEIAA Standard Conditions:**

**Climate Change:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1.	The proponent shall adopt strategies to decarbonize the building, reduce carbon footprints and develop strategies for climate proofing and mitigation.	We are developing strategies in phase wise for reduction of GHG emissions through Purchased electricity.
2.	The proponent shall adopt strategies to reduce carbon & GHG emissions during operation (operational phase and building materials).	We have a phase implementation plan for reduction of GHG Emissions.
3.	The proponent shall adopt methodology to control thermal environment and other shocks in the building.	We are already in process for controlling thermal environment within our industrial premise through Turbovents, HVLS fans and through administrative control measures implemented through welfare activities.
4.	The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.	Adequate ventilation structures has been proposed for escape of heat and industrial fans and vents are provided to prevent the local urban heat islands.
5.	The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.	We didn't have proposals for creating artificial wind tunnels.
6.	The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.	The unit has proposed to shift towards eco-friendly products/ activities to reduce emissions and create the sustainable environment within and outside the industrial premise.

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7.	The proponent shall ensure that the buildings does not cause any damage to water environment, air quality and should be carbon neutral building.	We ensure that the building doesn't creates any adverse impacts to Air, Water and Land environment.
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**Health:**

S.No.	EC Conditions	LGB Compliance Status
8.	The proponent shall adopt strategies to maintain the health of the inhabitants within and in the vicinity.	We already established OHC inside the premises and Doctors appointed with full time nurse to maintain the health of the workers.

**Energy:**

S.No.	EC Conditions	LGB Compliance Status
9.	The proponent shall adopt strategies to reduce electricity demand and consumption.	Renewable energy infrastructures like Wind Farms, Solar PV Plant are already in place in the existing plant to reduce electricity consumption and we have proposed energy saving technologies to reduce the demand.
10.	The proponent shall provide provisions for automated energy efficiency.	Energy meters are proposed for monitoring the efficiency of machinery.
11.	The proponent shall provide provisions for controlled ventilation and lighting systems.	Adequate ventilation and lighting systems will be proposed for the building based on monitoring of luminescence and ventilation.
12.	The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.	DG Sets has been provided as the standby power source for STP incase of power failure.

**Regulatory Frameworks:**

S.No.	EC Conditions	LGB Compliance Status
13.	The proponent shall effectively implement and strictly adhere to the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016	The unit is adhering to all the waste management rules as amended from time to time.

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	as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.	
14.	The proponent shall provide elevator as per rules CMDA/DTCP.	Elevator is not required as the building has maximum of 2 floors. The approval for the same has been obtained.

**Database maintenance & audits:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
15.	The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.	We already database record of environmental conditions from pre-construction, construction and post construction will maintain in digitized format.
16.	The proponent should maintain environmental audits to measure and mitigate environmental concerns.	ISO 14001:2015 audits has been conducted regularly for every year.

**Biodiversity:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
17.	The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.	Only native species will be planted in the industrial premises and we ensure to eliminate all the invasive species if found in the premises.
18.	The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.	There is no high rise buildings near to the industrial premises hence not applicable.
19.	The proponent shall ensure utmost safety for the existing biodiversity, trees, flora & fauna and the critically endangered species & endangered species shall not disturb under any circumstances.	We will take necessary steps for the protection for the existing biodiversity in our industrial premise.
20.	The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest	We will use non-chemical based pest repellents and agents for pest control measures in the organization.

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	population thereby not losing beneficial organisms.	
21.	The proponent shall adopt strategies to prevent birds getting hit by the high buildings.	We will use non-chemical based pest repellents and agents for pest control measures in the organization.

**Safety Measures:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
22.	The proponent should develop an emergency response plan & safety evacuation plan (including disabled people) in addition to the disaster management plan.	The emergency response plan has been developed by the unit. Roles and Responsibilities for each team have been designated to manage emergency situations.
23.	All bio-safety standards, hygienic standards and safety norms of working staff to be strictly followed as stipulated in EIA/EMP.	Canteen & Housekeeping & construction staffs has been trained to follow the hygienic and safety practise as instructed by the State Government & Plant Safety personnel from time to time.
24.	The disaster management/disaster mitigation standards& fire safety standards as prescribed by competent authorities.	The unit shall comply with the disaster management/mitigation standards as prescribed from time to time.
25.	The proponent shall provide the emergency exit in the buildings.	Wide emergency exit will be provided at the shop floor building.

**Water/Sewage:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
26.	The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal.	Modification has been proposed in the STP to meet the sewage arising out from expansion activity. The sewage shall be treated and re-used in greenbelt hence no untreated sewage is discharged outside the premises.
27.	The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.	The unit has proposed modifications to the existing STP (30 KLD capacity) intended to treat 25 KLD of sewage, thereby adhering to the treated sewage discharge standards prescribed by TNPCB from time to time.
28.	The proponent shall periodically test the treated sewage the through TNPCB lab	The treated sewage sample will be periodically tested through AEL, TNPCB



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	/NABL accredited laboratory and submit report to the TNPCB & IRO of MoEF&CC.	and NABL accredited Third party labs. The report of the same will be submitted to TNPCB and IRO of MoEF&CC.
29.	The proponent shall ensure that provision should be given for proper utilization of recycled water.	The unit shall ensure that the treated water shall be duly used for greenbelt within the industrial premises.
30.	The project proponent shall adhere to storm water management plan as committed.	Storm water shall be directed into trenches where its get collected in Rainwater harvesting pits.

**Parking:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
31.	The project proponent shall provide adequate parking space for visitors of all inmates including clean traffic plan as committed.	Adequate spaces has been provided for employee vehicles, visitors and logistics vehicles.

**Solid Waste Management:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
32.	The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.	The solid waste from the project site will be properly disposed as per the recommended waste management rules prescribed by the Board.
33.	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	Singe use plastics has been already banned in the existing industrial premise.

**EMP:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
32.	The proponent shall strictly adhere to the EIA/EMP report.	We will adhere with the data presented in the EIA/EMP report.
33.	The proponent shall ensure that the green belt plan is implemented as indicated in	We will develop the greenbelt as committed in the Environmental clearance.

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	EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns..	Further, we will develop lawn at the required area to improve the aesthetic appearance.
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**Others:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
34.	As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.	Noted. We will assure you that there won't any environmental damage due to our activities.
35.	The project proponent shall adhere to height of the buildings as committed.	Noted. We will establish the building height as committed in the approval.

**Standard EC Conditions for (Building / Construction):**

**1. Statutory Compliance**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bye laws.	Noted. We had obtained necessary approvals from applicable authorities before commencement of the work.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Approval for structural safety was obtained from Competent Authority.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved in expansion of the industrial buildings hence it is not applicable.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	No forest land/ Wild life corridor land is involved in expansion of the industrial buildings hence it is not applicable.
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution)	Noted. We have applied CTE to the TNPCB under the provisions of Air Act, 1981 & Water Act, 1974.

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	Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	
1.6	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.	We have obtained dedicated HT power supply from TNEB for construction and operation phase.
1.7	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.	All necessary clearance and approvals has been obtained.
1.8	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	We followed the provisions of respective waste management rules in construction phase for proper disposal of solid wastes.
1.9	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Noted. We will take energy conservation measures in the construction work activity.

**2. Air Quality Monitoring and Preservation:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Dust suppression activities wind breaking slits, water sprinkler vehicles was employed. All excavation activities has been carried out with proper dust mitigation measures in place.
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	There is no major parameter exceed in the Ambient Air Quality at the site.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Ambient Air Quality Survey was carried out by NABL accredited third party labs in the construction phase considering upwind and downwind directions.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made	Acoustic enclosed type DG Sets was used as a back up power source in the construction phase. DG sets has adequate

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	under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	height for dissipation of smoke and it will be used in the open site area.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Construction area was barricaded to prevent incidents related to construction. Dust suppression activities were employed to mitigate the dust arising from construction activity.
2.6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Construction materials prone to creating particulate emissions are properly closed to prevent dust emission.
2.7	Wet jet shall be provided for grinding and stone cutting.	Not applicable for us. However we are procuring construction materials from authorized supplier/ agency only.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Unpaved surfaces are dust suppressed with water to prevent dust emission.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Construction debris was used within the premises for leveling low lying area.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Low emission fuel was used in the DG Sets during construction phase.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic	We have used enclosed type DG Sets equipped with acoustic enclosure. The gaseous emissions were dispersed properly

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	enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	with adequate stack height.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.	Indoor Air Quality was carried out by NABL accredited third party labs in the construction phase.

**3. Water Quality Monitoring and Preservation:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	The proposed activity doesn't change the course of drainage or water bodies.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Minimum cutting and levelling will be done for the building without creating much disturbances/ deviations in the topography of the site.
3.3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	All requirements in the site will be met within the proposed water requirements provided in EC order.
3.4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Flowmeter will be installed at the pipelines for the monitoring of the consumption in various usage points. The records of the same will be submitted to Regional office, MoEF&CC, Chennai on half yearly basis.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available.	Certificate has been obtained from SIPCOT, Oragadam office for the withdrawal of total water for the unit.
3.6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver	Rain drains and trenches will be provided at both the side of the road near to the pavements for collection of Storm water.

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	blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	39% of the total area will be maintained as pervious as provided in EC order.
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual pipeline will be provided at the unit particularly for supplying fresh water and to use treated water from the STP/ETP within the premises.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Water conservation methods in the fixtures will be implemented in the buildings which includes push type taps and sensor type taps, flushing control in lavatories to conserve water.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Sewage and Effluent are duly separated and conveyed into STP and ETP respectively for proper treatment. Upon treatment, the treated water shall be conveyed to different locations of the plant through dual plumbing system.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Pre-mixed concrete and curing agents will be used to reduce water consumption in the construction phase.
3.11	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Rainwater harvesting collection and recharge structures will be provided as per the EC order.
3.12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse.	Rainwater harvesting collection and recharge structures will be provided as per the EC order.
3.13	All recharge should be limited to shallow aquifer.	All recharge pits shall be designed to be limited to shall aquifer.
3.14	No ground water shall be used during	No ground water will be used during the

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	construction phase of the project.	construction phase of the project.
3.15	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Flowmeter will be installed at the pipelines for the monitoring of the consumption in various usage points. The records of the same will be submitted to Regional office, MoEF&CC, Chennai on half yearly basis.
3.16	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Pressure sand filter and Activated Carbon Filter is proposed in the STP for tertiary treatment. The treated sewage shall be reused for gardening.
3.17	No sewage or untreated effluent water would be discharged through storm water drains.	We ensure that no sewage will be discharged into storm drains.
3.18	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Modifications in the existing STP has been proposed to treat 100% of the sewage generated from the premises. Upon installation, the structure implemented and its performance shall be vetted by the Independent expert and the report will be submitted to the MoEF&CC.
3.19	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Water quality analysis is conducted periodically through AEL, TNPCB. We will ensure no odour problem will occur due to STP.
3.20	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Sludge from STP will be dried and mixed along with organic waste for conversion to fertilizer. The same shall be used for greenbelt.

**4. Noise Monitoring and Prevention:**

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<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Ambient Noise levels Survey will be carried out as per the AAQ location. Adequate measures will be taken to ensure the noise levels within the plant conforming to the norms of the Board.
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noise level survey will be carried out as per the guidelines provided by CPCB through either AEL, TNPCB or NABL accredited third party labs. The reports of the same will be submitted to Regional officer, MoEF&CC on half yearly basis
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Adequate engineering controls, administrative controls and PPE's will be provided to mitigate the noise level impacts within the plant.

**5. Energy Conservation Measures:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	We will ensure that the building shall comply with the ECBC Code for buildings.
5.2	Outdoor and common area lighting shall be LED.	LED based lighting will be installed in outdoor and in common amenity area.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-	We will ensure that the building shall comply with the ECBC Code for buildings.



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	values shall be as per ECBC specifications.	
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	LED/CFL based lighting will be installed in outdoor and it will be implemented before commissioning of the project.

**6. Waste Management:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Certificate will be obtained from competent authority for handling municipal solid wastes.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Muck generated during the construction phase will be utilized within the plant for filling the low lying area. We ensure that it will not be disposed outside the premises.
6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials	Multi-bins will be placed for proper segregation of different types of waste within the premises.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed. place before project commissioning.	Bio-composter will be implemented for converting the organic waste to manure. The same shall be utilized for greenbelt within the premises.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	All non-biodegradable waste generated in the site will be handed over to Recyclers.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board	All hazardous waste generated during the construction phase shall be properly disposed to the authorized vendors.

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6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	We ensure that the 20% of the construction materials are eco-friendly products which doesn't pose harm to the environment.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Fly ash bricks/ hollow bricks will be utilized as a building material and concrete materials will be mixed in RMC and used for construction activity.
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Construction debris and any small demolition works related to construction shall be properly disposed C&D wastes management. .
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	All E-wastes generated in the construction site will be properly disposed to authorized E-waste Recyclers.

**7. Green Cover:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	No trees will be cut down unless necessary. Incase of any tree cutting, we shall get approval from concerned local regulatory authority.
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Native indian trees will be selected with heavy foliage and broad leaves for effective dust control. Spacing will be maintained for the trees to attain the growth and to have a wider canopy.

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7.3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	We will ensure that no trees will be cut during the construction phase. Incase of any cutting, we will make the plantation in the ratio of 1:10 for the cutting of 1 tree.
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Top soil taken during the construction activity will be utilized for greenbelt.

**8. Transport:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation	We will create a comprehensive mobility plan considering the inner and outer road traffic in respect to the transportation of people.
8.2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours..	Vehicles carrying the construction materials to the site will be ensured for compliance with applicable air and noise emission standards.

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**9.0**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
9.1	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban. Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Detailed traffic plan for the unit will be made with the consideration of internal and external roads to create decongestion plan. Upon completion of the plan, we shall get necessary validation from competent authority.

**9. Human health Issues:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Medical screening will be carried out for people working in loading, unloading of construction material and construction debris. Suitable health protection measures will be done.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.	Indoor air quality will be carried out for the building during the construction phase.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency plan based on HIRA and Disaster management will be prepared and implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such	Provisions will be provided for construction workers to utilize the existing facilities such as rest rooms, canteen, sanitation etc,

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	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.	
10.5	Occupational health surveillance of the workers shall be done on a regular basis.	Medical screening will be carried out for workers involved in construction related activity.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.	Existing Occupational Health care facility available to carryout first aid incase of any injuries in construction and operational phase of the project.

**10. Miscellaneous:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
11.1	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 MoEFCC/SEIAA website where it is displayed.	Noted. We will comply with the same.
11.2	ii. 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.	Noted. We will comply with the same.
11.3	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.	Noted. We shall comply with the same.
11.4	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.	Noted. We shall comply with the same.
11.5	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	Noted. We shall comply with the same.

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	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 MoEF&CC as a part of six-monthly report.	
11.6	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	We have a dedicated personnel working at the plant level and a Environment Management Team at the Corporate level. We are in the process of establishing laboratory facilities to carryout testing for monitoring purpose. The report shall be directly communicated to Corporate EMS Head and Plant Head.
11.7	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.	Responsibility matrix will be prepared for the expansion project, the document shall be duly approved by the competent authority. The same document will be submitted to the Ministry office.
11.8	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	Noted. We shall comply with the same.
11.9	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.	Noted. We shall comply with the same.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution	Noted. We shall comply with the same.

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	Control Board and the State Government.	
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the State Expert Appraisal Committee.	Noted. We shall comply with the same.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC)/SEIAA-TN.	Noted. We will approach the SEIAA/MOEF&CC incase of any expansion or modification in the plant.
11.13	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.	Noted. We will not divulge or produce false data to the concerned authority about the project.
11.14	The Ministry/SEIAA-TN may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
11.15	The Ministry/SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted. We shall comply with the same.
11.16	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.	Noted. We will extend our full cooperation to the Regional office by furnishing necessary details of the project.
11.17	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 and any other Court of Law relating to the subject matter.	Noted. We shall comply with the same.
11.18	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.	Noted.

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**11. Specific Conditions:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
12.1	Recommendations of mitigation measures from possible accident shall be implemented based on Risk Assessment studies conducted for worst case scenarios using latest techniques.	HIRA will be done for the construction phase considering the worst case scenario. Incase of any accidents, the mitigation measures for the accident will be controlled using latest techniques.

**STANDARD CONDITIONS**

**Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1	Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
2	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	Noted. We will comply with the same.
3	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.	Noted. We shall comply with the recommendations mentioned in the EC order.
4	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	All necessary statutory clearances and approval shall be obtained from respective department before the establishment and operation of the unit.
5	The SEIAA reserves the right to add	Noted. We comply if any additional



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	additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.	safeguard measures provided by SEIAA from time to time.
6	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	Noted. Records for the environmental clearances will be maintained and produced to the authorities
7	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	Noted. We submit the Form-5 to the TNPCB. Further, we will also submit the status of compliance to Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8	The Regional Office of the Ministry located at Chennai 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.	We will extend our full cooperation to the Regional office by furnishing the requisite data/ document / information / Reports.
9	“Consent for Establishment” shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	Consent for Establishment will be obtained from TNPCB and copy shall be submitted to SEIAA, Tamilnadu.
10	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	We will apply for a fresh application incase of any changes to be made in the scope of the project.
11	The conditions will 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, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010	Noted. We will comply with the same.

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	<p>framed under MMDR Act 1957, National Commission for</p> <p>protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.</p>	
12	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	Noted. We will comply with the same.
13	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted. We will comply with the same.
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	Noted. We will comply with the same.
15	The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.	Noted. We will not divulge, conceal or provide false information to the SEIAA.
16	The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.	Noted. We will apply other necessary clearances from respective authorities for the establishment/ operation of the unit.
17	The SEIAA, TN may alter/modify the above	Noted. We will comply with the same.

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	conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	
18	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	We will apply other necessary clearances from respective authorities for the establishment/ operation of the unit.
19	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	We will ensure that no trees will be cut during the construction phase. Incase of any cutting, we will make the plantation in the ratio of 1:10 for the cutting of 1 tree.
20	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	We have a dedicated personnel working at the plant level and a Environment Management Team at the Corporate level.  The report shall be directly communicated to Corporate EMS Head and Plant Head to address the shortfall.
21	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	We will open a separate account in the nationalized bank and we shall deposit the EMP Cost. The expense statement will be submitted to SEIAA annually.
22	The Project Proponent has to provide adequate rain water harvesting pits as committed s to recover and reuse the rain water during normal rains as reported.	Adequate rainwater harvesting structures will be provided for conservation of water.
23	The project activity should not cause any disturbance & deterioration of the local biodiversity.	We ensure that the project will not cause any disturbance to the local biodiversity.
24	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.	There is no water bodies in the near vicinity hence it is not applicable.
25	All the assessed flora & fauna should be conserved and protected.	We ensure all the flora and fauna are conserved and protected amidst of the project implementation.
26	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics	SUP are banned inside the plant premises.

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	irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	
27	Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.	Noted. We shall comply with the same.
28	The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)	We will appoint Environmental engineer with necessary qualification for looking after the STP and ETP.
29	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	We will provide napkin dispenser for disposal of sanitary napkins in the facility.
30	All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	We will comply with the same.
31	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	We will ensure that no waste will be disposed in water bodies.
32	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	We will take measures to avoid congestion in the entry and exit points in the road.
33	The safety measures proposed in the report should be strictly followed.	We will comply with all the safety measures proposed in the EIA/ EMP report

**Part - B – Specific Conditions – Pre construction phase:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1	The project authorities should advertise with basic details 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 clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	We will make the advertisement with basic details in two local newspapers one in Tamil and in English for wide circulation of obtaining Environmental Clearance.
2	In the case of any change(s) in the scope of	We will apply for a fresh application incase

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	the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation	of any changes to be made in the scope of the project.
3	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	We will provide the copy of the clearance letter to the local bodies about obtaining Environmental clearance. The clearance letter will also be published in the website.
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. Before commencement of the work.	We will obtain approval from competent authority for structural safety of the buildings.
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Construction staffs will be trained to follow the hygienic and safety practise as instructed by the State Government & Plant Safety personnel from time to time.
6	Design of buildings should be in conformity with the Seismic Zone Classifications.	We will ensure the buildings conforming with the Seismic Zone classifications.
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities / local administration.	We will obtain necessary approvals from the concerned local administration for construction activity.
8	No construction activity of any kind shall be taken up in the OSR area.	No construction activity will be made in the OSR Area.
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Approval will be obtained from the local administration for the utilization of treated sewage in the OSR area.
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	Not applicable.
11	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Adequate car parking area will be provided for the staffs as well as visitors.
12	The project proponent shall ensure the entry of basement shall be above maximum flood level.	We will ensure that the entry of basement is above maximum flood level.
13	The proponent shall prepare completion	The layout comprising Sanitation, Dual

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	<p>plans showing Separate pipelines marked with different colours with the following details</p> <p>i. Location of STP, compost system, underground sewer line.</p> <p>ii. Pipe Line conveying the treated effluent for green belt development.</p> <p>iii. Pipe Line conveying the treated effluent for toilet flushing</p> <p>iv. Water supply pipeline</p> <p>v. Gas supply pipe line, if proposed</p> <p>vi. Telephone cable</p> <p>vii. Power cable</p> <p>viii. Storm water drains, and</p> <p>ix. Rain water harvesting system, etc. and it shall be made available to the owners.</p>	<p>plumbing pipeline, Water supply, Gas supply, Telephone cable, Power cable, Storm water and rainwater harvesting system will be made with different colors.</p>
14.	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	Existing Occupational Health care facility available to carryout first aid incase of any injuries in construction and operational phase of the project.
15	The present land use surrounding the project site shall not be disturbed at any point of time.	We will ensure that land use surrounding the project site doesn't get affected due to construction/ operation activity.
16	The green belt area shall be planted with indigenous native trees.	We will extend the greenbelt area with native indian tree species.
17	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted	We will ensure that the trees will not be cut during construction phase of the project.
18	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	We will ensure that there will be no disturbance to the flora and fauna due to construction/ operational activities.
19	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	Not applicable.
20	There should be Firefighting plan and all required safety plan.	We will have a dedicated fire fighting and emergency response plan.
21	Regular fire drills should be held to create awareness among owners/ residents.	Regular fire drills will be conducted to create awareness among workers.

**Part - C - Specific Conditions – Construction phase:**

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**1. Construction Schedule:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.	We will submit the project commissioning work plan with timeline to SEIAA, Chennai.

**2. Labour Welfare:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.	All workers involved in construction activities will be medically screened and adequately treated before involving in construction activity.
ii)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Necessary PPE will be provided to people working in dusty area. Safety personnel in the plant will provide instructions and training in relation to the safety. The workers will be checked periodically to ensure any contradictions related to dust impacts.
iii)	Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.	Periodical medical screening will be carried out and medial records will be maintained at OHC.

**3. Water Supply:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	The entire water requirement during construction phase may be met from private tankers	Water requirement during the construction phase are sourced from Private tankers.
ii)	Provision shall be made for the housing	Provisions will be provided for construction

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	labour within the site with all necessary infrastructures 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.	workers to utilize the existing facilities such as rest rooms, canteen, sanitation etc,
iii)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	Adequate drinking water and sanitary facilities has been available in the existing plant facility for use of construction workers..  The waste generated during construction phase will be properly disposed through local bodies.
iv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	Pre-mixed concrete and curing agents will be used to reduce water consumption in the construction phase.
v)	Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.	Water conservation methods in the fixtures will be implemented in the buildings which includes push type taps and sensor type taps, flushing control in lavatories to conserve water.

**4. Solid Waste Management:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	Sewage will be used in the Bio-composter along with organic waste for converting to manure. The same shall be utilized for greenbelt within the premises.
ii)	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	Hazardous wastes and Non hazardous wastes will be properly segregated and disposed accordingly with recyclers and co-processors.
iii)	Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	Domestic solid waste will properly disposed through local bodies.



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iv)	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	We ensure that the no solid waste are disposed in water bodies.
v)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	E-waste generated in the premises will be sent to the authorized recyclers.

**5. Top Soil Management:**

S.No.	EC Conditions	LGB Compliance Status
i)	All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	The top soil excavated during the construction phase will be utilized for greenbelt development.

**6. Construction Debris Disposal:**

S.No.	EC Conditions	LGB Compliance Status
i)	Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.	Debris generated during the construction phase will be utilized within the plant for filling the low lying area. We ensure that it will not be disposed outside the premises.
ii)	Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.	We will ensure that no solid waste generated in the premise will be disposed in water bodies/ courses.

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**7. Diesel Generators Sets:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	Low emission fuel was used in the DG Sets during construction phase to meet the ambient air quality standards prescribed by the Board.
ii)	The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	The existing plant facility has the dedicated area for the safe storage of diesel.
iii)	The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	Acoustic enclosures will be equipped with high noise generating machinery.

**8. Air & Noise Prevention Control:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	Vehicles carrying the construction materials to the site will be ensured for compliance with applicable air and noise emission standards.
ii)	Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	We will ensure to comply with the standards prescribed by the Board.
iii)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic	We have adequate parking space for employees and visitors. Further, we will take measures to prevent traffic congestion at entry and exit points.

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	department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.	
iv)	The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	The proposed building will have adequate natural light and ventilation.
v)	The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.	Adequate air pollution control measures has been proposed for the machinery to mitigate the pollution meeting the norms prescribed by the Board.

**9. Building Material:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27 <sup>th</sup> August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	We ensure that flyash will be used as a construction material for the building.
ii)	Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	RMC will be used in mixing the construction materials during the construction phase.
iii)	Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	We will ensure that the glass materials shall be reduced upto 40% of the building to conserve power.

**10. Storm Water Drainage:**

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<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	Storm water drains and trenches will be constructed as per PWD Storm water Manual.
ii)	Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	Proposed Storm water plan will be obtained after engaging with services of Anna University.

**11. Energy Conservation Measures:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.	We designed the roof should meet requirements as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.
ii)	Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.	We design the opaque wall meeting the prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.
iii)	All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.	We designed the building which meets all the norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005.
iv)	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	Roof top solar plant with hybrid system and natural lighting will be provided to reduce the energy consumption of the building.
v)	A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.	Report on Energy conservation measures will be prepared as per Bureau of Energy Efficiency. The report after completion shall be submitted to SEIAA.
vi)	Energy conservation measures like	LED/CFL based lighting will be installed in

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	installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	outdoor and it will be implemented before commissioning of the project.
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**12. Fire Safety:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.	Adequate fire fighting equipment and team will be available in the plant to meet any fire emergency.
ii)	Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.	We will ensure all obstructions in the evacuation and emergency exit points to ensure safe evacuation incase of any emergency.

**13. Green Belt Development:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	We will select the native indian plants species which have high carbon capture capacity to decarbonize the carbon present In the industrial premises.
ii)	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	The greenbelt layout plan with GPS coordinates of the boundaries shall be made and submitted to SEIAA along with the application.
iii)	The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	We will develop the greenbelt as per the plan furnished to the SEIAA.

**14. Sewage Treatment Plant:**

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<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
i)	The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	The STP adequacy report will be vetted in the academic institutions shall be submitted to the SEIAA.
ii)	The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	We will install the STP as furnished in the EIA/ EMP report. The treated water shall conform with the bathing standards prescribed by the Board.
iii)	The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	We will ensure that STP & ETP will be operated efficiently to meet the standards prescribed by the Board
iv)	The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.	We will ensure that STP & ETP will be operated efficiently to meet the standards prescribed by the Board
v)	The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.	We will ensure that the wastewater shall be completely recycled through STP and ETP. The same water will be reused within the premises.
vi)	The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	Standby power for STP/ ETP will be connected with DG Set to ensure operation incase of any power failure.

**15. Rain Water Harvesting:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>EC Condition Status</b>
i)	The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	The rainwater collected from the rooftop will be collected, filtered and stored in the underground tank for reuse.
ii)	Rain water harvesting for surface run-off, as per plan submitted should be implemented.	Filters will be installed before the reuse of rainwater.

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	Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	
iii)	The Project Proponent has to provide adequate rain water harvesting pits as committed to recover and reuse the rain water during normal rains as reported.	We will provide adequate rainwater harvesting structure as committed in the EC Application.
iv)	The project activity should not cause any disturbance & deterioration of the local bio diversity.	We will ensure that our project will not cause any disturbance or deterioration to the local biodiversity.

**16. Building Safety:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
i)	Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.	Lightning arrestor will be installed in the higher area of the building.

**Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:**

<b>S.No.</b>	<b>EC Conditions</b>	<b>LGB Compliance Status</b>
1.	There should be Firefighting plan and all required safety plan.	The unit have dedicated fire fighting and emergency evacuation plan.
2.	Regular fire drills should be held to create awareness among owners/ residents.	Fire drills will be conducted regularly on three months basis to create awareness among employees and workers.
3.	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	Hazardous wastes and Non-hazardous wastes shall be properly segregated and disposed to authorized entities.
4.	The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.	We will ensure that the building will not spoil the green views and aesthetics of surroundings
5.	Solar energy saving shall be increased to atleast 10% of total energy utilization.	Adequate solar panels has been proposed in the roof top to reduce the power consumption from grid energy.
6.	The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before	CER activity as proposed will be carried out before obtaining CTO from TNPCB.

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	obtaining CTO from TNPCB.	
7.	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually	We will open a separate account in the nationalized bank and we shall deposit the EMP Cost. The expense statement will be submitted to SEIAA annually.
8.	The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.	Not Applicable.
9.	The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.	No wet land is involved in the expansion of industrial building hence it is not applicable.
10.	The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.	No forest land is involved in the expansion of industrial building hence it is not applicable.
11.	The project activities should in no way disturb the manmade structures.	We will ensure that project activities proposed will not disturb any man made structures.
12.	The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.	We are extending the greenbelt as proposed in the application. Upon completion, we shall decide the afforestation programs outside the industrial premise.
13.	“Consent to Operate” should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAATN.	We will obtain Consent to Operate before the commencement of operation.
14.	Raw water quality to be checked for portability and if necessary RO plant shall be provided.	Raw water will be regularly checked on annual basis for portability of water. If necessary, RO plant plant will be provided.
15.	The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be	Noted. We will comply with the same for maintenance of green belt, rainwater harvesting, wastewater treatment and solid disposal properly.



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**Sriperumbudur Taluk, Kanchipuram District – 602 105.**

	formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.	
16.	The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.	Treated sewage will be recycled and reused within the premises after meeting the standards prescribed by the Board. We shall ensure that STP will not cause odour problems.
17.	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.	DG sets will be connected with the STP to ensure operation incase of any power failure.
18.	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	We will ensure the treated water quality meeting the prescribed by the Board are used for the greenbelt.
19.	It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc	We will adequate measures to prevent any odour issues arising due to solid waste processing unit.
20.	Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.	E-waste generated in the premises will be disposed to authorized recyclers.
21.	The e - waste generated should be collected and disposed to a nearby authorized ewaste centre as per E- waste (Management & Handling), Rules 2016 as amended.	We will comply with the same.
22.	Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined	Treated sewage will be recycled and reused within the premises after meeting the standards prescribed by the Board. We shall ensure that STP will not cause odour problems.

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	capacity of all proposed DG sets.	
23.	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.	We will ensure the noise levels are maintained as per the standards prescribed by the Board in Day and Night time.
24.	Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.	Spent oil generated from DG Sets will be properly disposed to Authorized recyclers.
25.	The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.	House hold hazardous waste are properly segregated and disposed through local bodies.
26.	The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.	Regular preventive maintenance will be carried out for Storm water drains to prevent any choking or stagnation.
27.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Used CFLs and TFLs generated in the premises will be disposed to authorized recyclers.
28.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted. We will comply with the same.
29.	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.	Noted. We will stick with the conditions and recommendations provided by SEIAA.

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	height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.	
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**For L.G.BALAKRISHNAN & BROS LTD.,**



Authorised Signatory