



File No: SEIAA 134 CON 2025

Government of India

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



Date 27/10/2025



To,

Mr Nandan Mallya
M/s Mahindra lifespace developers limited
Sy. No. 49 & 50/2, Holiday Village Road, Vajarahalli Village, Kanakapura Road, Bengaluru ,
BENGALURU URBAN, KARNATAKA, 560062
mahindralifespace1999@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/KA/INFRA2/549111/2025 dated 09/09/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3813KA5875675N
(ii) File No.	SEIAA 134 CON 2025
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres
(vii) Name of Project	Development of "Residential Apartment, Club House & Retail Space" Project
(viii) Name of Company/Organization	Mahindra lifespace developers limited
(ix) Location of Project (District, State)	BENGALURU URBAN, KARNATAKA
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

Plot/Survey Khasra Nos.: Sy. No. 149 and 150 , Pattandur Agrahara Village

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 12/08/2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on , based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Mr Nandan Mallya under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC becomes perpetual subject to the start of production operations by the project or activity on or before the [Project_Date] In case the project proponent fails to start the production operations within the EC validity date, application for EC validity extension shall be submitted to the regulatory authority as per the provision contained in the Para 9.0 of EIA notification, 2006 and its amendment.
12. General Instructions:
 - (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
 - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during perational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 - (e) 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.
 - (f) 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.
 - (g) 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.

13. This issues with the approval of the Competent Authority

Copy To

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira, Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi – 110 003,
2. The Member Secretary, Karnataka State Pollution Control Board, Bengaluru,
3. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bengaluru –560 034,
4. The Director, Department of Mines and Geology, Khanija Bhavan, Race course road, Bangalore – 560 001,
5. Guard File.

Annexure 1

Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1.1

S. No	EC Conditions
1.1	<ol style="list-style-type: none">1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.2. To utilize a minimum of 50% of roof area for solar power generation.3. To provide minimum 25% of total parking with e-vehicle charging facility for Residential Apartmentdevelopment projects.4. To provide roof top rainwater collection tank capacity of 600 cum, 65cum, 200cum &32 recharge pits.5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. The PP shall explore the possibility of in-house C&D waste recycling facility.11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP).12. The PP must ensure the adequate water supply to the project before the operation/occupancy of

S. No	EC Conditions
	<p>the project.</p> <p>13. To handle excess treated water within the site area.</p> <p>Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.</p>

Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Development of "Residential Apartment, Club House & Retail Space" Project	
b.	Latitude and Longitude of the project site	12.98543462586921,77.7505674267394 12.98775182458309,77.75380689642358	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	
		Area in Ha	
		Non-Forest Land (A)	3.7911
		Forest Land (B)	0
	Total Land (A+B)	3.7911	
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	91420	
g.	EMP Cost (in lacs)	777.24	
h.	Employment Details		

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Development of "Residential Apartment, Clubhouse and Retail Space" with 767 units having BUA of 161826.73 Sqm	Product	161826.73	Built Up Area in Sqm	Road	Total built up area of the project is 161826.73

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
					Sqm comprising 767 no. of residential units distributed over Wing A & B: GF+30UF, Wing C: BF+GF+30UF, Wing D, E & F: BF+GF+29UF, Retail: GF+1UF & Clubhouse: GF+2UF





State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(2) of EIA Act, 1986)

No. SEIAA/134 CON 2024

To,

Mr. Nandan Mallya
Authorised Signatory
M/s. Mahindra Lifespace Developers Limited
Sy. No. 49 & 50/2,
Holiday Village Road,
Vajarahalli Village,
Kanakapura Road, Bengaluru

Re,

Sub: Development of "Residential Apartment, Club House and Retail Space" Project at Sy. No. 149 and 150, Pattandur Agrahara Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Mahindra Lifespace Developers Limited - Issue of Environmental Clearance – Reg.

This has reference to your online application dated 04.09.2024 bearing proposal No. A/KA/INFRA2/538957/2025 and EIA report bearing proposal No. A/KA/INFRA2/549111/2025 dated 09.09.2025 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC Karnataka furnishing further information seeking prior Environmental Clearance for the above project under the EIA Notification No. S.O. 648(E) dated 3rd March 2016. The proposal has been appraised as per the procedure prescribed in the provisions of the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form 1, Form 1A, conceptual plans, EIA Report and the additional clarifications furnished in response to the observations of the SEAC, Karnataka.

The project proposal was issued standard ToR vide letter No. SEIAA 134 CON 2024 dated 09.10.2024 and amendment to ToR dated 22.08.2025 for conducting Environment Impact Assessment (EIA) Study. The EIA study conducted by M/s Aquatech System, Sri Doddur Mudde Gowda, K S S/o Shivalingaiah K, Sree Nele, 7th A Cross, Near Indian Education Society, Jnanabharathi 2nd Stage, Mariyappanapalya, Bangalore-560056 in respect of whom the Applicability of the Notification No. S.O 648(E) dated 3rd March 2016 issued by the MoEF, GoI. regarding mandatory accreditation of Environmental Consultants from NABE is made known to you at the time of the issue under governing the said ToR issued to Karnataka P.F. No. DOP-DOP/2014 FOR EIA dated 1st March 2014. The Environmental Impact Assessment report has been submitted on 18.08.2025. The SEAC has recommended the following conditions for issue of Environmental Clearance to the project as per the EIA Act, 1986.

No. No.	Condition	Information
1.	Site Specific Mitigation Measures	None

3.	Plot Area (Sqm)	37911.37 (9 Acre 14.73 G)						
4.	Number of units	767 no. of residential units						
5.	Full							
6.	<ul style="list-style-type: none"> • Available • Required 	767 767						
7.	Builder's/Engineer's	M/S. J. & S. ENGINEERS, Wing C, 887, Anna Salai, Wing B, E. A. P. 600 029, Chennai. Email: J&S and for the use of architect's services: J&S						
8.	Number of units	767 no. of residential units						
9.	Details of Land Use (Sqm)							
	Total Plot Area (Sqm) (A)	37911.37 (9 Acre 14.73 G)						
	Plot area for development	6340.73						
	Area left for road widening & CA Area ---(B)	1792.4						
	a. Net Plot Area for Development (A-B)	29778.24 Sqm						
	b. Plinth/Ground Coverage area	13520.29 Sqm (45.40 %)						
	c. Basement Area	6371.41 Sqm						
	d. Landscape area on natural earth and Landscape area on podium (Minimum 33 % of net plot area)	9850.25 Sqm (33.08 %)						
	e. Hardscape area (Roads, walkways and pavements)	5216.58 Sqm						
	f. Parks and Open space in case of Residential Township/ Area Development Projects	---						
	g. Others Specify if any (Future development)	Services - 1191.12 Sqm						
10.	Water							
	I. Construction Phase							
	a. Source of water	STP tertiary treated water.						
	b. Quantity of water for Construction in KLD	58 KLD						
	c. Quantity of water for Domestic Purpose in KLD	11.3 KLD						
	d. Water reuse generation in KLD	10.7 KLD						
	e. Treatment facility proposed and capacity at project construction stage	Domestic sewage generated during construction phase will be treated in capacity of 10.7 m ³ treated water per day using the same conventional technology with the site.						
	II. Operation of the use							
	a. Total Long term demand of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>4176.18</td> </tr> <tr> <td>Recycled</td> <td>4176.18</td> </tr> <tr> <td>Total</td> <td>8352.36</td> </tr> </table>	Fresh	4176.18	Recycled	4176.18	Total	8352.36
Fresh	4176.18							
Recycled	4176.18							
Total	8352.36							
	b. Source of water	STP effluent						

	a.	Wastewater generation (L/D)	100000																												
	d.	STP Capacity	STP Capacity - 100000 (area 1500sqm)																												
	e.	Technology employed for treatment	Advanced Oxidation Process Technology																												
	f.	Volume of disposal of treated treated water from	Volume 200 (L/D) for construction water supply																												
9. Effluent water for reuse water treatment																															
	a.	Capacity of recycled water used for landscape irrigation	Recycled water sump - 100 cum (100 cum is 2 cum/d of 100 cum). The all from landscape is collected in a storm water collection sump of capacity 200 Cum																												
	b.	No's of Ground water recharge pits	32 no. of recharge pits																												
10. Waste Management																															
	a.	Capacity of OWC	1000 kg/day																												
11. Power																															
	a.	Total Power Requirement - Operational Phase	5840 kVA																												
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 kVA - 4 Nos.																												
	c.	Electrical energy savings report Energy conservation plan in the project, energy saving methods adopted, percentage of energy savings achieved with different methods including plan for utilization of solar Energy as per ECBC 2007	3 star rated transformers, solar PV panels, using timers for basements & corridor lighting, LED lights, VFDs in lifts & power factor improvement. The overall energy savings is around 25.9 %																												
12. Parking																															
	a.	Parking Provided	<table border="1"> <thead> <tr> <th>Unit size</th> <th>Cars per unit</th> <th>No of units</th> <th>Cars required</th> </tr> </thead> <tbody> <tr> <td>Unit area less than 225 Sqm</td> <td>1.5 car per unit</td> <td>325</td> <td>488</td> </tr> <tr> <td>Unit area less than 150 Sqm</td> <td>1 car per unit</td> <td>372</td> <td>372</td> </tr> <tr> <td>Unit area less than 50 Sqm- EWS</td> <td>1 car per 2 units</td> <td>70</td> <td>35</td> </tr> <tr> <td>Visitors parking</td> <td>10 % of required parking</td> <td></td> <td>90</td> </tr> <tr> <td>Total cars required</td> <td></td> <td></td> <td>985</td> </tr> <tr> <td>Total cars provided</td> <td></td> <td></td> <td>1000</td> </tr> </tbody> </table>	Unit size	Cars per unit	No of units	Cars required	Unit area less than 225 Sqm	1.5 car per unit	325	488	Unit area less than 150 Sqm	1 car per unit	372	372	Unit area less than 50 Sqm- EWS	1 car per 2 units	70	35	Visitors parking	10 % of required parking		90	Total cars required			985	Total cars provided			1000
Unit size	Cars per unit	No of units	Cars required																												
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Visitors parking	10 % of required parking		90																												
Total cars required			985																												
Total cars provided			1000																												
	b.	Ratio of parking	100%																												
	c.	Provision of EWS	100%																												

The Project Consultant has carried out an 1st & 4th Grade 2022 site due diligence of the relevant documents submitted by the project proponent and additional verifications conducted in response to the questions and has accepted the information of 100% and has decided to award Environmental Clearance to accordance with the provision of

Environmental Impact Assessment Notification 2009 and its subsequent amendments, subject to the compliance of the following provisions and conditions:-

1. Statutory Compliances.

- i) The project proponent shall obtain all necessary clearances/permissions from all relevant agencies including State planning authority before commencement of work. All the construction shall be done in accordance with the local building bylaws.
- ii) The approval of the Engineering Authority will be obtained in structural safety of the constructions due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
- iii) The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of diversion of forest land for non forest purposes involved in the project.
- iv) The proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
- vii) 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.
- viii) 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.
- ix) The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air quality monitoring and preservation

- i) 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.
- ii) It is mandatory for all the construction and demolition to contain the dust emissions from their sites as per the stipulated norms.
- iii) The project proponent shall install systems to capture dusts from air quality monitoring for construction/ demolition activities in the dust pollution control bag, PM-10 and PM-2.5, covering regular scheduled activities during the construction period.
- iv) Special provisions pertaining to transport of waste or storage point should be of enclosed type and covered to avoid dusts in the Environment. Operational dust fall, the height of stack of ECBC should be equal to the height needed to be

condition capacity of all proposed DG sets. The oil level should be checked. The location of the DG sets shall be selected with the consideration of the Pollution Control Board.

- v) Construction site shall be adequately fenced before the construction begins. Dust, noise and other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include measures for the building under construction, surrounding areas, road works and all around the site for least 1 meter outside. Plastic sheeting shall be provided for vehicle loading or unloading, use of wet surface construction methods prior to causing dust pollution at the site as well as taking out debris from the site.
- vi) Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii) Wet jet shall be provided for grinding and stone cutting.
- viii) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix) 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 Rules 2016.
- x) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to standards prescribed under Environmental (Protection) Rules for air and noise emission standards.
- xi) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG set 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.

3. Water quality monitoring and preservation

- i) 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.
- ii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii) Total fresh water use shall not exceed the proposed requirement as provided in project details.
- iv) The quality of fresh water source, water monitoring and treatment technology shall be assessed and selected by the client. The client should also progressively the project progress. The client shall consider a minimum of 10% of the total water demand to be used for the site. The client should also consider the quality of water in the project area and the balance water available. This should be specified separately for ground water and surface water sources. The client should also be aware of the site water.
- v) A certificate shall be provided from local body regarding water conditions in the local area. The client should also be aware of the quality of water already available in the project area and the balance water available. This should be specified separately for ground water and surface water sources. The client should also be aware of the site water.

- v) At least 20% of the open spaces required by the local authorities shall be provided. Use of trees plants, grass fields with at least 5% opening, landscape etc. should be considered as green surface.
- vi) Installation of double plumbing for supplying drink water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, watering, manual watering, conditioning etc. shall be done.
- vii) Use of water saving devices like low flow flushing systems, low flow shower, tap aerators etc. for water conservation shall be incorporated in the project area.
- ix) 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.
- x) The project proponent shall identify a suitable source of treated water for construction and submit an MOU/Agreement with such suppliers. If so the supplier identified shall be responsible for treatment of water with appropriate technology to the standards required for construction purpose.
- xi) The project proponent shall provide Rain Water Harvesting structure of 600 cum, 65 cum, 200 cum capacity along with 32 No's of Recharge pits within the project boundary or 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. (whichever is higher)
- xii) The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii) All recharge should be limited to shallow aquifer.
- xiv) No ground water shall be used during construction phase of the project.
- xv) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xvi) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xvii) Sewage shall be treated in the STP based on MBBR/SBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, landscaping and HVAC cooling. No treated water shall be discharged to municipal drain.
- xviii) The average or untreated effluent water would be discharged through storm water drains.
- xix) The existing water body, ponds and wetlands and other drainage and water based resources shall be maintained with due buffer zone as applicable and restricted water resource.
- xx) On-site 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 to this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be

groundwater shall be discharge, filling, mining, and other activities. Groundwater shall not be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural resources system shall be protected.

- (vi) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to maintain the water quality more > 8 IP.
- (vii) Bridge over the water sewage treatment including water intake, effluent treatment, and disposal shall be as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise monitoring and prevention

- i) Ambient noise levels shall conform to residential area 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 standard by CPCB / SPCB.
- ii) 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.
- iii) 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.
- iv) The project proponent shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011 (LB – RES - PIL) of 04.12.2012 for different activities involved in construction work.

5. Energy Conservation measures

- i) 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.
- ii) Outdoor and common area lighting shall be LED.
- iii) 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-values shall be as per ECBC specifications.

(vi) Energy conservation measures like installation of LED for the lighting the area inside the building should be incorporated in the project design and should be in place before project commencing.

(vii) Solar, wind or other Renewable Energy shall be installed in case suitable potentials equivalent to 1% of the demand load as per the state level and building bye laws requirements, wherever is feasible.

(viii) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate circuit wires shall be installed for solar power. Solar water heating shall be provided (more 20% of the hot water demand of the apartment).

and institutional buildings as per the requirement of the local building bye-laws, standards and/or guidelines. The design and construction of such facilities shall conform to the applicable standards and norms.

6. Waste Management

- i) A contract from the contractor covering handling, recycling and reuse, including the necessary site measures of handling and their subsequent disposal to the MHA/SP (as per the provisions of Section 15, 2003).
- ii) Disposal of construction waste shall not cause any adverse effect on the neighboring 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.
- iii) Separate wet and dry bins must be provided and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) 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.
- vii) 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.
- viii) Fly ash should be used as construction material 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 construction.
- ix) 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.
- x) Used CFLs/TFLs/LED should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover

- i) No tree cutting/compaction shall be carried out unless exigencies demand. Where absolutely necessary, the compensation shall be made prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age requirements as may be prescribed by the Forest Department. Permission to be secured for such work in green spaces.
- ii) A minimum of 1 cum for every 50 sq. m and should be provided minimum. The existing cover to be retained for this purpose. The landscape planning should include plantation of native species. The species shall have low water demand and high canopy cover and desirable. The landscape design should be eco-friendly.

- iii) When the area used to be cut with poles originates from the concerned local authority, temporary plantation to the tune of 1:10 per acreage of area to be cut shall be done and maintained. Plantation to be removed upon final clearance issued.
- iv) Erosion should be entered to a depth of 20 cm from the area reserved for building, roads, paved areas, and external services. It should be developed accordingly in frequent intervals suggested during planning of the proposed developments.

6. Transport

- i) A comprehensive mobility plan, as per MoUD best practices guideline (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.
- ii) 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 nonpeak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of roads within a 5 km radius of the project is maintained and improved upon after the implementation of the project. The plan should be based on cumulative impact of all development and increase in habitation being carried out or proposed to be carried out by the project or other agencies in this 5 km 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.
- iv) Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.

7. Human health issues

- i) All workers working at the construction site and construction loading, unloading, cartage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) All medical facility and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction period. Sufficient number of water tapstubs shall be provided with required water tanks, with 24/7 for construction workers.

- v) The contractor shall comply with the ventilation provisions as per National Building Code of India.
- vi) Emergency preparedness plan based on the hazard identification and Risk Assessment/Offsite and Onsite Management Plan shall be implemented.
- vii) Provision shall be made for the housing of construction workers within the site with all necessary infrastructure and facilities such as first aid centers, mobile phone, internet, etc., with drinking water, without health risk, etc. The housing may be in the form of temporary structures to be constructed after the completion of the project.
- viii) Occupational health surveillance of the workers shall be done on a regular basis.
- ix) A First Aid Room shall be provided in the project both during construction and operations of the project.

10. Corporate Environment Responsibility

- i) The project proponent shall comply with provision contained in OM vide F.No. 22-65/2017-IA.III dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of Nature education by Vanalo Foundation, Karnataka Chitrakala Parishat, Bangalore and Funding support for conducting training programs by EMPRI on Sewage Treatment Plant (STP) management, environmental protection, rainwater harvesting (RWH), and climate related issues as resolved in 275th SEIAA meeting. Contact details and Email Id of Beneficiary in this regard shall be submitted to SEIAA while furnishing the Half Year Compliance report.
- ii) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms conditions and / or stakeholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii) A separate Environmental Cell both at the project and company head quarter level with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization. The project proponent enter into an agreement with the prospective buyers/ tenants to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.
- iv) Action plan for implementing EMP and environmental condition, along with annual/semi-annual audit of the company shall be prepared and shall be also covered by regular audit authority. The plan shall include remedial for environmental protection measures such as safe or secure location and use of the structure for any other purpose. The action program of implementation of action plan shall be reported to the Ministry of Environment, Forest and Climate Change Regional Office along with the bi-annually Compliance Report.

11. Miscellaneous

- i) The project proponent shall prominently advertise it at least in two local newspapers of the District of Bonga, at a rate to be decided by the concerned language within seven days following that the project has been awarded environmental clearance and the details of MOEF&CC website where it is displayed.
- ii) The copies of the environmental clearance shall be submitted by the project proponent 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.
- iii) The Project Proponent shall obtain the construction material such as stones and aggregates etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
- iv) The project proponent shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
- v) The Project proponent shall build in infrastructure required for use of Pipe Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial and for DG sets instead of other type of fuels.
- vi) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on the website and update the same on half-yearly basis.
- vii) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- viii) **Half Yearly Compliances Reports (HYCRs) on the Environmental Conditions stipulated in the Environmental Clearance (EC) letter shall be submitted strictly through the dedicated module of PARIVESH 2.0 in the timely manner on or before 1st June and 1st December of Each calendar year as per MoEF&CC O M dated 14.06.2024. The HYCRs with its contents of covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No. & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID ros2.bng-mefcc@gov.in. Hard copy of HYCRs shall not be acceptable.**
- ix) The project proponent shall submit the environmental clearance financial plan (EFCP) within seven days of award of Environmental Clearance and put on the website of the project.
- x) The project proponent shall inform the Regional Office as well as the Ministry of Environment, Forest and Climate Change, 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.
- iii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the Government.
 - iv) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also start taking corrective measures for the impact mitigation/avoidance.
 - v) No further operation or modification in the plant shall be carried out without prior Environmental Clearance from the competent authority.
 - xiv) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xv) The State Level Environment Impact Assessment Authority, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xvi) The SEIAA, Karnataka reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xvii) The Regional Office of MoEF&CC 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.
 - xviii) 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.
 - xix) 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.
 - xx) In case of any material supported by documents/ court orders which is contrary to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.

Additional Condition

1. The PP shall install energy efficient wastewater treatment system with energy recovery to bring it to class A standard and provide the additional chemical pollution load for future change due to accumulation of solid and coloidal waste mass.
2. The PP shall utilize a minimum of 10% of total area for solar power generation and provide minimum 5% of total parking with electric charging points for sustainable development project.
3. The PP shall provide roof top rainwater collection tank capacity of 100 cum, 50cum, 20cum and 10cum for large plot or discharge pit of minimum 1.1-1.2 per cum, with flow meter.

- The IT infrastructure aspects are for handling all the management/Operational & regulatory activities, financial flows & other flows within the proposed project etc.
- The IT shall ensure periodic & continuous monitoring of the IT using Internal Control Framework.

Sincerely,

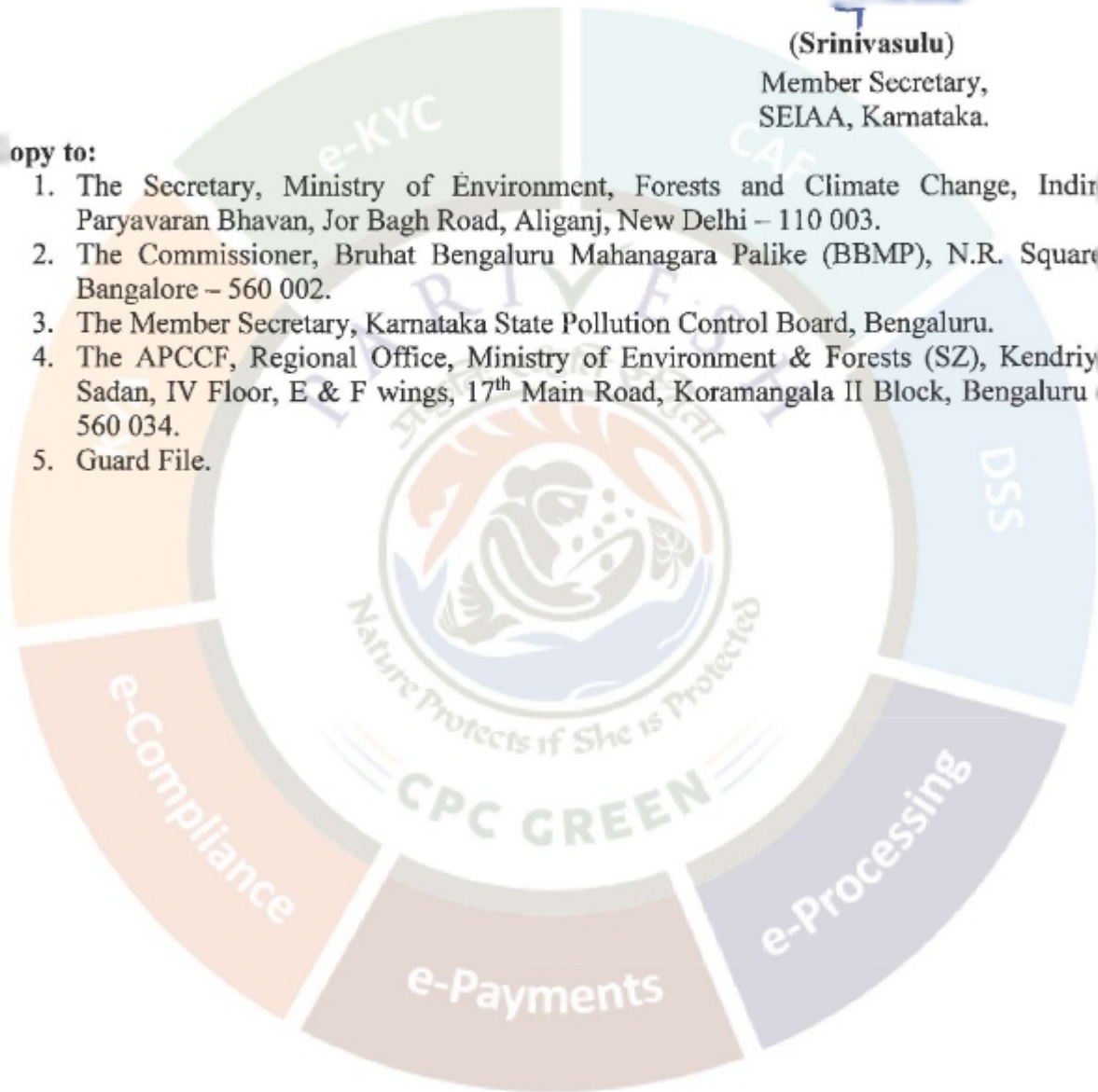


(Srinivasulu)

Member Secretary,
SEIAA, Karnataka.

Copy to:

- The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi – 110 003.
- The Commissioner, Bruhat Bengaluru Mahanagara Palike (BBMP), N.R. Square, Bangalore – 560 002.
- The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
- The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bengaluru – 560 034.
- Guard File.



Signature valid

Digitally Signed by : Sr Srinivasulu IFS
Member Secretary, SEIAA

Date: 27/10/2025