

Project: SEIAA,TN – Environmental Clearance under violation notification for the construction of additional buildings for Engineering College, Hostel and Bank in its existing campus by M/s. KGISL Trust under violation category at S.F. No. 353/1, 2, 354/1, 356/3A, 357/1D Pt, 358/2A, 2C, 2D, 359/1A, 1B, 360/1C, 1D Pt, 361/3A, 362/1B Pt, 1C, 2A, 2B, 363/1B, 2, 3, 365/1A, 2, 366/1A, 1A1A2, 366/1A2, 1B & 372/2, Saravanampatti village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu – Category-“B2” and Schedule S. No. 8(b)-Issued - Regarding.

EC No.: SEIAA/TN/F.No.371/EC/8(a)/788/2021 dated 04.10.2021

BACKGROUND OF THE PROJECT

M/s. KGISL Trust is in operation since 1st June 2000 at Saravanampatti village, Coimbatore and constructed total built-up area of 62,882.92 Sq.m. till September 2006. Further, KGISL Trust has obtained EC from SEIAA vide letter No. SEIAA/TN/EC/8(a)/002/ F-003/2008, dated 24.07.2008 and CTE from TNPCB vide its order No. 4847 & 4790 dated 4.3.2009 for the construction of additional buildings in its existing campus to make the total built-up area as 72,174.13 Sq.m.

Further, KGISL Trust has obtained CTO from TNPCB vide its order no. 1804212165190 (A) & 1804112165190 (W) dated 19.02.2018. The unit has obtained CTO Renewal Order vide No. 2008232000948 (A) & 2008132000948 (W) dated 24.06.2018 valid till 31.03.2022.

In the year 2013, KGISL have constructed additional buildings for Engineering College, Hostel and Bank building which increased the built-up area from 72174.13 Sq.m to 1,09,103.54 Sq.m. without getting Environmental Clearance. As KGISL have started the additional building construction without obtaining prior EC, it was included under violation projects.

In order to obtain EC as per the procedure prescribed in MoEFCC Notification dated 14.03.2017, an application has been made and the application has been forwarded by MoEFCC to SEIAA on 28.03.2018 as per MoEFCC Notification dated 08th March 2018, as the project is Category B.

KGISL have obtained Environmental Clearance under violation category from SEIAA, Tamil Nadu vide Letter No. SEIAA/TN/F.No.371/EC/8(a)/788/2021 dated 04.10.2021. The unit has recently obtained CTO - Expansion vide order 2207242119031 & 2207142119031 dated 16.03.2022 with total built-up area of 108209.92 Sq.m. which is renewed with validity upto 31.03.2025.

KGISL has proposed to expand its campus by constructing some additional buildings like auditorium, upper floors in engineering college building and extension of office building. Hence, they are in need of certified compliance report from the Integrated Regional Office of MoEF&CC, Chennai.

The status of compliance on the stipulated conditions contained in the EC cited above is given below.

Part - A – Common conditions applicable for Pre-construction, Construction & Operational Phases

S. No.	Conditions	Compliance
1	Any appeal against this environmental clearance shall be 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.	There is no appeal or litigation against this environmental clearance.
2	The construction of STP, 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.	The STP, Solid Waste Management facility, E-waste management facility, DG sets, etc., are provided in earmarked area only.
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	All the environmental safeguards measures are followed strictly.
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	All applicable statutory clearances like PESO license, Fire NOC, AAI NOC has been obtained and copies of the same are enclosed.

S. No.	Conditions	Compliance
	by project proponent from the concerned competent authorities.	
5.	The SEIAA reserves the right to add 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.	Noted and agreed the same. All the EC conditions are complied.
6.	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	The compliance of all the conditions of Environmental Clearance is maintained properly.
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 Forest, Chennai by e-mail.	The environmental statement for each financial year ending 31 st March in Form-V is submitted regularly to TNPCB. The compliance of environmental clearance conditions has been sent to the Regional Office of the Ministry of Environment and Forest, Chennai on six monthly bases. The same has been uploaded in website of the company.
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.	Noted and agreed to abide the same.
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.	As the project has obtained Environmental Clearance under violation after completion of the buildings, no CTE has been obtained.
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.	There is no change in the scope of the project.
11.	The conditions will be enforced inter-alia, under the provisions of the Water	Noted and agreed to comply.

S. No.	Conditions	Compliance
	(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 framed under MMDR Act 1957, National Commission for 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.	
12.	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	Necessary statutory clearances from the concerned competent authorities have been obtained.
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.	All the conditions mentioned in Environmental clearance is being complied.
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, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored	The monitoring data and EC compliance conditions will be regularly uploaded in website and the same will be sent to the Regional Office of MoEF, Chennai, the Zonal Office of CPCB, Chennai and the TNPCB. Copy of the latest 2 reports is enclosed.
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	All the information provided to the SEIAA for obtaining Environmental clearance is true and no false or misleading information is submitted.

S. No.	Conditions	Compliance
	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.	
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.	Necessary statutory clearances from the concerned authorities have been obtained and copies are enclosed.
17.	The SEIAA, TN may alter / modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Noted and agreed the same.
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.	Required statutory clearances from the concerned competent authorities has been obtained.
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.	No tree cutting is involved in this project.
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.	An environmental management cell is operating under the control of Vice President and the shortfall has been strictly reviewed and addressed.
21.	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 as it is an education institution campus with software park.
22.	Trees, herbs and shrubs listed should not be disturbed during any phase of the project.	No disturbances have been caused to the nearby greeneries.

S. No.	Conditions	Compliance
23.	Necessary permission should be obtained from PWD/Wetland Authority, Tamil Nadu before commencement of the project.	Not applicable as there is not wet land located in the vicinity of the project.
24.	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	The EMP cost has already been spent before obtaining EC.
25.	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 irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986	The use of single use plastic has been prohibited in the project site.
26.	The proponent shall furnish the permission / NOC of water supply from the competent authority before obtaining CTO from TNPCB.	Agreement has been signed with TWAD Board for fresh water supply and copy of the same is enclosed.
27.	The Project Proponent has to provide Rain water pond - 2500 m ² x 1.0 m to hold 2500 KL of rain water provided in order to recover and reuse the rain water during normal rains as reported.	We have provided the rain water pond with an area of 2500 m ² & depth of 1.0 m to store the rain water and reuse the same during normal rains.
28.	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	The green belt area with dimension and GPS coordinates has been earmarked in the layout plan while processing the EC.
29.	As per MoEF&CC, Gol, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the operation, if the project site is located within 10 km from National Park and Sanctuaries.	Not applicable as there are no National Park and Sanctuaries are located within 10 Km radius from the project site.
30.	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents	All the information provided for obtaining Environmental clearance is true and no

S. No.	Conditions	Compliance
	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.	false or misleading information is submitted.

Part - B – Specific Conditions – Pre construction phase:

S. No.	Conditions	Compliance
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.	Advertisement has been done about the clearance in Times of India (English) & Malaimurasu (Tamil) on 23 rd October, 2021. Copies of advertisement submitted to SEIAA, MoEFCC – RO & TNPCB. Copy of the same is enclosed.
2.	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.	There is no change 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.	The clearance letter has been sent to the local body and also made available at the company's website.
4.	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightning, etc. before commencement of the work.	All the applicable statutory clearances like structural safety and Fire NOC have been obtained and copies are enclosed.
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.	All required sanitary and hygienic measures have been provided for construction workers.

S. No.	Conditions	Compliance
6.	Design of buildings should be in conformity with the Seismic Zone Classifications.	The buildings are designed with seismic resistivity structures.
7.	The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	The structures are constructed as per the plans approved by the concerned local authorities.
8.	No construction activity of any kind shall be taken up in the OSR area.	No construction activity has been done 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.	As it is not required to handed over the OSR area for educational institutional Campus, we have retain the same and developed the green belt.
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.	Coastal Regulation Zone notification, 2011 is not applicable to the project.
11.	The basement of the building shall be above the maximum flood level documented by the Water Resource Department, PWD, Government of Tamil Nadu in consultation with the CMDA.	The basement of building has been constructed above the maximum flood level.
12.	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details i) Location of STP, compost system, underground sewer line. ii) Pipe Line conveying the treated effluent for green belt development. iii) Pipe Line conveying the treated effluent for toilet flushing. iv) Water supply pipeline. v) Gas supply pipe line, if proposed vi) Telephone cable vii) Power cable viii) Strom water drains, and ix) Rain water harvesting system, etc., and it shall be made available to the owners	Colour coded layout showing different colours for different pipelines, cables, drains, STP and other facilities has been submitted along with the EC application.

S. No.	Conditions	Compliance
13.	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	A First Aid Room is provided in the project site.
14.	The structural design of the proposed building must be vetted by premier academic institutions like Anna University, IIT Madras, etc., and the fact shall be informed to SEIAA.	Structural design has been vetted by Govt. College of Technology, Coimbatore and the same has been submitted to SEIAA. Copy of the same is enclosed.
15.	There shall not be any threat to the biodiversity due to the proposed development.	No impact is caused to the biodiversity due to the project.
16.	The present land use surrounding the project site shall not be disturbed at any point of time.	The land use surrounding the project site is not disturbed at any point of time.
17.	The green belt area shall be planted with indigenous native trees.	Greenbelt in the project site has been developed with native species of trees.
18.	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.	No tree cutting is involved in the development of the project.
19.	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	No disturbance is caused to the nearby aquatic eco-system within and outside the project area.
20.	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 are followed without fail.
21.	There should be Firefighting plan and all required safety plan.	All required impact and mitigation measures has been prepared and followed strictly.
22.	Regular fire drills should be held to create awareness among owners/ residents.	Fire drills are conducted regularly to create awareness among residents.

Part - C - Specific Conditions – Construction phase:

S. No.	Conditions	Compliance
1.	Construction Schedule: The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.	As the EC has been obtained under violation category after commissioning the project, this condition may not applicable to us.

2.	<p>Labour Welfare:</p> <p>i) All the labourers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.</p> <p>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.</p> <p>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.</p>	<p>i) The labourers on work at the site had been regularly screened for health and adequate health checkup has been provided.</p> <p>ii) Workers were provided with adequate personal protective equipment and necessary health & safety training had been given to them.</p> <p>iii) Regular health checkup had been conducted and the workers were provided with personnel protective measures such as masks, gloves, boots etc.</p>
3.	<p>Water Supply:</p> <p>i) The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD Department of water resources/ may be out sourced.</p> <p>ii) Provision shall be made for the housing 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.</p>	<p>i) Water requirement had been met through private water tankers during the construction phase.</p> <p>ii) Temporary housing, required provision and facilities had been provided to the workers and the same was removed after construction.</p>

	<p>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.</p> <p>iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.</p> <p>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</p>	<p>iii) Drinking water and sanitary facilities had been provided for construction workers at project site. The wastewater and MSW generated had been properly treated and disposed without polluting the surroundings.</p> <p>iv) Pre-mixed concrete, curing agents etc., had been used in construction to reduce water demand.</p> <p>v) Low flow type fixtures had been provided for showers, toilet flushing and drinking water.</p>
4.	<p>Solid Waste Management: The solid waste in the form of excavated earth excluding the top soil generated from the project activity shall be scientifically utilized for construction of approach roads and peripheral roads, as reported.</p>	<p>The excavated earth had been used in levelling approach roads and peripheral roads.</p>
5.	<p>Top Soil Management: All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.</p>	<p>The top soil excavated during construction had been used for greenbelt development within the project site.</p>
6.	<p>Construction Debris disposal: 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.</p>	<p>i) The construction debris had been disposed in approved sites, with the approval of Competent Authority as per Construction & Demolition Waste Management Rules, 2016.</p>

	<p>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.</p>	<p>ii) Construction spoils, including bituminous materials and other hazardous materials had been properly disposed without causing any adverse impacts to the environment.</p>
7.	<p>Diesel Generator sets:</p> <p>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.</p> <p>ii) The diesel required for operating stand by DG sets shall be stored in underground tanks fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.</p> <p>iii) The acoustic enclosures shall be installed at all noise generating equipment such as DG sets, air conditioning systems, cooling water tower, etc.</p>	<p>i) D.G. sets in the construction phase had been used as per Environment (Protection) Rules for air and Noise emission standard. Low Sulphur diesel was used as fuel in D.G. sets.</p> <p>ii) Necessary approvals had been obtained from concerned authorities. Diesel is stored in underground tanks fulfilling the safety norms.</p> <p>iii) Acoustic enclosures had been installed in DG sets, air conditioning systems, cooling water tower, etc.</p>
8	<p>Air & Noise Pollution Control:</p> <p>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.</p> <p>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</p>	<p>i. Vehicles with valid 'Pollution under Control' Certificates were only permitted. Also, the transport vehicles were permitted only during non- peak hours.</p> <p>ii. Available best construction practices had been followed to take care of the Environment. Regular AAQ & Noise monitoring was carried out by the NABL accredited laboratory and the air and noise quality levels were maintained within the limits.</p>

	<p>phase. The pollution abatement measures shall be strictly implemented.</p> <p>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 department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.</p> <p>iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.</p> <p>v) The background noise levels prevailing at the site already exceeds permissible noise levels. Hence, the proponent should develop thick greeneries all around the project boundary in order to contain the noise levels.</p>	<p>iii. Adequate parking facilities are provided within the project site as per norms and no public space is utilized for parking of vehicles.</p> <p>iv. Adequate inter block distance had been provided for fresh air movement, passage of light and ventilation.</p> <p>v. Greenbelt had been developed with native species of trees all along the boundary of the project site to act as noise barriers.</p>
9	<p>Building material:</p> <p>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 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.</p> <p>ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.</p> <p>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.</p>	<p>i) Fly ash had been used as building material in the construction as per the provision of Fly Ash Notification of September, 1999.</p> <p>ii) Ready-mix concrete had been used in building construction after ascertaining their quality by cube test.</p> <p>iii) The use of glass in buildings is lesser than 40% to reduce the electricity consumption and load on air conditioning.</p>

10.	<p>Storm Water Drainage: Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.</p>	<p>We have provided the Storm water management facilities in and around the site as per the storm water design manual.</p>
11.	<p>Energy Conservation Measures:</p> <ul style="list-style-type: none"> i) Roof should meet prescriptive requirement 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. 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. iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrid system or fully solar system for a portion of the apartments shall be provided. 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 months' time. vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design 	<ul style="list-style-type: none"> i) All the roofs area had been designed as per ECBC norms and are insulated to minimize heat gain. ii) Appropriate thermal insulations are provided in opaque walls as per the requirements of ECBC. iii) Solar Power generation units & Solar water heaters have been provided in the hostel area as a part of energy conservation measure. iv) Solar energy is used for illumination of common areas, lighting for gardens and street lighting. v) We agree to submit the report on the energy conservation measures conforming to energy conservation norms to the SEIAA. vi) CFLs/TFLs are provided in lighting of areas outside the building within the project site.

	and should be in place before project commissioning	
12.	<p>Fire Safety:</p> <p>i) Adequate fire protection equipment's and rescue arrangements should be made as per the prescribed standards</p> <p>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.</p>	<p>i) Adequate fire protection equipment and rescue arrangements as per standards are provided.</p> <p>ii) Free approach roads have been provided around the buildings to reach the fire – fighting vehicles up to the building during an emergency.</p>
13.	<p>Green Belt Development:</p> <p>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.</p> <p>ii) The project proponent has to develop thick greeneries all-round the project boundary in order to contain the noise levels.</p>	<p>i) Greenbelt development has been done with native species in earmarked areas.</p> <p>ii) Greenbelt is provided all along the boundary of the project site to contain the noise levels.</p>
14.	<p>Sewage Treatment Plant:</p> <p>i) The Sewage Treatment Plant (STP) & Effluent Treatment plant (ETP) installed should be certified by an independent expert / reputed Academic institution 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.</p> <p>ii) The Proponent shall install STP & ETP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.</p>	<p>i) The design of the Sewage Treatment Plant (STP) installed is certified by Government College of technology, Coimbatore and copy of the report is enclosed.</p> <p>ii) Adequate capacity of STP has been provided.</p>
15	<p>Rain Water Harvesting:</p> <p>i) The proponent/ Owner of the Flats 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</p>	<p>i) The entire campus is designed for an effective and efficient rain water collection and harvesting system.</p>

	<p>of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.</p> <p>ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc. The Proponent shall provide adequate number of bore wells / percolation pits/ etc. as committed. The bore wells / percolation pits/ etc. for rainwater recharging should be kept at least 5 mts. above the highest ground water table.</p>	<p>ii) About 20 No. of rain water harvesting structures with filtration system for removal of pollutants like suspended matter, oil and grease is provided.</p>
16.	<p>Building Safety:</p> <p>i) Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.</p> <p>ii) The operation of demolition of the existing building should be carried out only during day time with adequate measures to contain the noise and dust in a way that it does not affect the residents who are living very close (at about 20m from the project site).</p>	<p>i) Lightning arrester is provided at necessary places as per the design.</p> <p>ii) No demolition activity is involved.</p>

Part D : Specific conditions – Operation phase / Post construction phase / entire list of the project

S. No.	Conditions	Compliance
1.	There should be firefighting plan and all required safety plan	Firefighting equipment are provided at several places and the mitigation measures are kept ready all the time.
2.	Regular fire drills should be held to create awareness among owners/residents.	Fire drills are conducted regularly to create awareness.
3.	The building should not spoil the green views and aesthetics of surrounding and should provide enough clean air space.	The additional buildings were constructed without spoil the green views and aesthetics of surrounding.

4.	The EMP cost should be printed in the Brochure/Pamphlet for the preparation of the sale of property and should also mention the component involved.	Not applicable as it is not an apartment project.
5.	The project proponent shall get due permission from the Wetland Authority before the commencement of the work.	The expansion was done within the project site and no wetland is present.
6.	The project activity should no way disturb the manmade structures.	No disturbance has been made to the manmade structures.
7.	The proponent shall do afforestation / restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planning and maintenance for 5 years.	Greenbelt has been developed with native species in the open spaces and the maintenance is taken care by KGISL Trust themselves.
8.	Consent to Operate should obtained from Tamil Nadu Pollution Control Board before the start of the operation of the projects and copy submitted to SEIAA-TN.	Consent to Operate (CTO – Expansion) has been obtained vide order 2207242119031 & 2207142119031 dated 16.03.2022 and the same is renewed upto 31.03.2025. Copies are enclosed.
9.	The ground water shall be drawn only after obtaining necessary permission from authority.	Ground water is not used at any point of the project. Water requirement is met through TWAD board.
10.	Ground water quality to be checked portability and if necessary, RO plant shall be provided	Ground water is not used for any purpose.
11.	The proponent should be responsible for maintenance of common facilities including greening, rain water, sewage treatment and disposal, solid waste disposal and environmental monitoring including trance gardening for a period of 3 years. Within one year after handing the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all the 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	KGISL Trust is responsible for maintaining all the common facilities for its entire life.

	proponent shall be communicated to SEIAA-TN.	
12.	The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.	Ground water monitoring has been conducted at regular intervals. Copy of the analysis done by NABL Accredited lab is enclosed.
13.	Treated effluent emanating from STP shall be recycled/reused to the maximum 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.	The treated sewage is reused for maximum extent possible and it satisfies the norms and standards for bathing quality laid down by CPCB. The treated water is used for toilet flushing, green belt development and OSR avenue plantation. Necessary measures are taken to mitigate the odour and mosquito problem from STP.
14	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	Standby DG set is provided for continuous operation of STP during power failure
15.	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.	Treated sewage is utilized for green belt development and the quality of treated sewage is within the standards limits so there is no pollution from it.
16.	Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.	Adequate measures have been taken to prevent odour emanating from solid waste processing plant and STP.
17.	The e - waste generated should be collected and disposed to a nearby authorized e-waste center as per E- waste (Management & Handling), Rules 2016.	E-waste is collected and disposed to the authorized e-waste center as per e-waste (Management & Handling) Rules, 2016.
18.	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 capacity of all proposed DG sets.	Enclosed type of DG sets has been provided and it shall conform to the emission and Noise norms as per EPA, 1986. Adequate height of stack has been provided to all DG sets. Noise and emission monitoring report of DG set is enclosed.
19.	The noise level shall be maintained as per MoEF / CPCB / TNPCB guidelines / norms both during day and night time.	The noise levels are maintained well within the standard limits within the project site both during day and night time. Copy of reports are enclosed.

20	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 & Trans boundary Movement) Rules 2016. Spent oil from D.G sets should be disposed of through registered recyclers.	The spent oil generated is disposed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and through registered recyclers.
21.	The proponent is required to provide a house hold hazardous waste /E-waste collection and disposal mechanism.	The e-waste and hazardous waste generated from the project site is properly collected and stored securely before disposal.
22.	The proponent/ Owner of the Flats 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 of in the natural drainages / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.	The storm water drains provided is being maintained properly without choking or causing stagnation. The storm water is properly disposed of in the natural drainages without disrupting the adjacent public.
23.	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 is properly collected and disposed-off for recycling to avoid mercury contamination.
24.	A copy of the Environmental clearance (EC) letter shall be made available to all the allottees along with the allotment order / sale deed.	Not applicable as it is not an apartment project.
25.	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.	We have complied all the conditions mentioned in Environmental Clearance.

For KGISL Trust


Authorised Signatory