THIRU A.V. VENKATACHALAM,I.F.S
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY – TAMIL NADU
3rd Floor, Panagal Maaligai,
No.1 Jeenis Road, Saidapet,
Chennai-15.
Phone No.044-24359974
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA/TN/F. 6438/EC/ 8(a)/ 539/2017dt: 11.10.2017.

To,

The Chief Executive Officer,
M/s. Casa Grande Shelter LLP.,
NPL Devi, New No.111, Old No.59,
5th Floor, L.B.Road,
Thiruvanmiyur,
Chennai – 600041.

Sir,

Sub: SEIAA, TN - Environmental Clearance – Proposed construction of Residential Building "ASTA" by M/s. Casa Grande Shelter LLP.,at S.No: 46, 47, 48/2, 67/1, 68 & 70/1, Block No. 8, Ward No. D, in Pattravakkam Village, Ambattur Taluk, Thiruvallur District - Issued - Regarding.

Ref: 1. Your application for Environmental Clearance dated: 17.08.2017.
2. Minutes of the 94th SEAC meeting held on 07.09.17 & 08.09.2017.
3. Minutes of the 241st SEIAA meeting held on 09.10.2017.
4. Minutes of the 242nd SEIAA meeting held on 11.10.2017.

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This has reference to your application 1st cited, the proposal is for obtaining Environmental Clearance to establish a construction project under Category B2 and Schedule S.No. 8(a) under the Environment Impact Assessment Notification, 2006, as amended.

The Competent Authority and Authorized signatory furnished detailed information in Form 1 and Form 1A and liquidate enclosures are as Annexures:

Annexure 1

PROJECT DETAILS		
SL No	**Description**	**Details**
1)	Name of the Project proponent and address	The Chief Executive Officer, M/s. Casa Grande Shelter LLP, NPL Devi, New No.111, Old No.59, 5th Floor, L.B.Road, Thiruvanmiyur, Chennai – 600041.
2)	Proposed Activity	Proposed Construction of residential building "ASTA"
3)	Schedule No.	8(a)
4)	**Project Location**	
	i)Survey No	46, 47, 48/2, 67/1, 68 & 70/1, Block No. 8, Ward No. D
	ii)Revenue Village	Pattravakkam
	iii)Taluk	Ambattur
	iv)District	Thiruvallur
5)	Area of the Land	22,024Sq.m
6)	Built up Area	48,800.17Sq.m
7)	Brief description of the project	Proposal involves the construction of the residential building with Stilt + 4 Floors
8)	Total No. of Dwelling units	325 Nos.

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9)	Expected Occupancies	1788 nos.
10)	Parking facilities	6557 Sqm
11)	Green Belt	3322 Sqm
12)	**UTILITIES-WATER**	
	Total Fresh Water Requirements	160 KLD
	a)Source from where the water is proposed to be drawn	CMWSSB
	i)Domestic Purposes	151 KLD
	ii) Swimming Pool	9 KLD
	iii) Toilet Flushing(Recycled Water)	75 KLD
	iv) Green belt development/gardening (Recycled Water)	12 KLD
	v) OSR (Recycled Water)	8 KLD
13)	Waste Water	
	i)Sewage	211 KLD
	ii) Details of Treatment	STP capacity:220 KLD
	iii) Mode of Disposal with quantity	Treated Sewage : I. Toilet Flushing - 75 KLD, II. Greenbelt development - 12 KLD, III. OSR Gardening – 8 KLD IV. Excess treated sewage into CMWSSB Sewer line – 105 KLD
14)	**SOLID WASTE**	
	I) Municipal solid Waste	846 kg/day
	i) Bio degradable – 0.51 T/day	Organic Waste Convertor
	ii) Non Bio degradable – 0.34 Kg/ day	Disposed to Authorized Recyclers
	iii) STP Sludge - 25 Kg/ day	Manure for gardening
15)	**POWER REQUIREMENT (Phase**	

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	I and II)	
	i) Electricity Board	1381KVA
	ii) D.G. Set	3 Nos of 250 KVA
	iii) Height of Stack above the tallest Building	25 m from GL each
16)	Project Cost	126.36 Crores

Annexure 2- Affidavit

The Proponent has furnished affidavit in hundred Rupees stamp paper attested by the Notary stating that

1. The commitment to SEIAA that the total fresh water requirement for the above residential development is 160 KLD and it will be met through CMWSSB. We assure that the required permission from the competent Authority for supply of fresh water for entire period of operation will be obtained before handing over or before obtaining completion certificate from the competent authority, whichever is earlier
2. The Total quantity of waste water generated from the above development is 211 KLD which will be disposed to STP. The treated wastewater generated is 200 KLD and 75 KLD will be used for flushing and 15 KLD will be used for green belt development (The treated water used for greenbelt development inside the project premises will not pollute the soil/ground water/adjacent canals/lakes/ponds etc),8 KLD for OSR maintenance and the remaining 105 KLD will be disposed to CMWSSB sewer line. We assure that the required permission from the competent Authority for disposal of waste water for entire period of operation will be obtained before handing over of the before obtaining completion certificate from the competent authority, whichever is earlier.
3. Total Solid waste generated from the proposed development is 846 kg/day; Out of which 507.6 kg/day of compostable waste will be treated in organic waste convertor within the project site. 338.4 kg/day of recyclable waste will be sold to authorized recyclers. 25 kg/day of STP dry sludge will be used as manure for gardening.
4. The enclosed photograph of the site of the project, taken on 14.07.2017, has been attested by the Proponent, counter-signed by the Environment Consultant engaged for the project under appraisal

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and notarized by an approved Notary Public. It truly depicts the status of the site as on this day that no construction activity has been started.

5. The assurance for responsibility of operation and maintenance of STP for a period of ten years
6. The assurance that the storm water drain would not carry any untreated (or) treated sewage.

And also aware that I can be prosecuted under relevant act and rules, if am not ensuring the adherence of the above commitment"

The project activity is covered in 8(a) of the Schedule and is of B2 category. It does not require Public Consultation as per Para 7 III Stage (3) (i) (d) of EIA Notification, 2006.

The Authority after consideration all the requisite documents with status and data and based on SEAC appraisal and recommendations for issue of Environmental Clearance in its 94th meeting held on 07.09.2017 & 08.09.2017 vide item No. 94-07, SEIAA placed the proposal in the 242nd SEIAA meeting held on 11.10.2017 vide Item No:242 – 04, hereby conveyed Environmental Clearance along with the conditions containing four parts namely

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

Part - B –Specific Conditions – Pre construction phase

Part - C - Specific Conditions – Construction phase

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

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

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

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.
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.
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.
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.
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.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
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

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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.

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.
9. 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.
10. 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 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.
11. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
12. 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.
13. 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,

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PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.

14. The project proponent shall submit progress reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chennai, the respective Zonal Office of Central Pollution Control Board, SEIAA, TN and the State Pollution Control Board once in six months.
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.
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.
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.
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.
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.
20. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016.

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21. 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.

Part - B – Specific Conditions – Pre construction phase:

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.
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.
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.
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc as per National Building Code including protection measures from lightning etc before commencement of the work.
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.
6. Design of buildings should be in conformity 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.
8. No construction activity of any kind shall be taken up in the OSR area.

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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.
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.
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.
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
13. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
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.
15. There shall not be any threat to the biodiversity due to the proposed development.
16. The present land use surrounding the project site shall not be disturbed at any point of time.

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17. The existing land use shall not be altered due to the proposed project and shall be consistent with the surroundings.
18. The green belt area shall be planted with indigenous native trees.
19. Natural vegetation listed particularly the tress shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
20. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
21. Out of 337 car parking's not less than 8 car parks shall be reserved to visitors.
22. The Project Proponent has to put up rain water harvesting storage facility of 500 KLD for to harvest and reuse in entire rain water during normal rains. Only when rains are resulting to flood the excess rain water recovered shall be disposed to recharge pits/wells and further access shall alone be discharged into road side stump water rain.
23. STP should be open type (or) in case closed, no other activity such as car parking etc., shall be earmarked.

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Part - C - Specific Conditions – Construction phase:

1. **Construction Schedule:**
   i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.
2. **Labour Welfare:**
   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.
   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.

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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.

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.

3. Water Supply:

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.

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.

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.

iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.

v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

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i) 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.

5. **Top Soil Management:**

i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. **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.

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.

7. **Diesel Generator sets:**

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.

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.

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iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower,etc.

8. Air & Noise Pollution Control:

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.

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.

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.

iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.

9. Building material:

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.

ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.

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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.

10. Storm Water Drainage:

i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.

11. Energy Conservation Measures:

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 hybrids 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 month's time.

vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the

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project design and should be in place before project commissioning.

12. Fire Safety:

i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.

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.

13. Green Belt Development:

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.

14. Sewage Treatment Plant:

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.

ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.

15. Rain Water Harvesting:

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 of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.

ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-

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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.

iii) The roof rain water collected and stored in the sumps should be adequately treated before water is put to any beneficial use.

16. Building Safety:

i) Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

ii) The proponent should design the building in such a way that the building is not affected by any possible flooding since the building is very close to the Korattur lake bund.

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

1. "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 SEIAA-TN.
2. The proponent should ensure that the Korattur lake water is no way polluted by this project activity. The proponent further should take special efforts to protect the quality and aesthetics of the lake in view of the proximity of the building with the lake.
3. The Project Proponent shall ensure compliance of EC conditions related to Pre –construction and Construction phases before the facility is handed over for occupancy and shall report to SEIAA, verified by Regional Office, MoEF & CC, Chennai.
4. The daily fresh water requirement of 160 KLD shall be met from CMWSSB for entire period of operation after obtaining permission from the competent authority before commissioning the project (or) before

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obtaining completion certificate from the competent authority, whichever is earlier as committed.

5. The required permission for disposing the untreated sewage of 105 KLD into the CMWSSB sewer line shall be obtained from the competent authority before commissioning the project (or) before obtaining completion certificate from the competent authority, whichever is earlier as committed. The Proponent should limit the untreated sewage to this level of 105 KLD and never this should be exceeded.
6. There shall be no drawal of Ground water.
7. Ground water quality to be checked for portability and if necessary RO plant shall be provided.
8. 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 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.
9. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
10. 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.
11. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.

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12. 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
13. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
14. The implementation of Environmental Management Plan in regard operation and maintenance of STP, reuse and disposal of untreated sewage and effluent swimming pool, Solid waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during construction and operation phases.
15. It is proposed to use organic waste convertor for managing the municipal solid waste (Organic components). Care should be taken to operate and maintain the OWC such a way that there is no problem to the nearby residents.
16. The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.
17. The chemicals used for swimming pool shall be stored in a separate closed shed and the spillages shall be disposed scientifically.
18. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management& Handling), Rules 2016.
19. 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.
20. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
21. 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

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(Management&Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.

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 off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.
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.
24. For CSR activity the proponent should earmark and spend atleast Rs.35 Lakhs on activities related to the Korattur Lake, like beautification, creation and maintenance of parks, walkways, etc in consultation with the PWD.
25. A copy of the Environmental clearance (EC) letter shall be made available to all the allottees along with the allotment order / sale deed.
26. 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.

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Copy to:

1. The Principal Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.

2. The Chairman, Central Pollution Control Board, PariveshBhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.

3. The Member Secretary, Tamil Nadu Pollution Control Board,

76, Mount Salai, Guindy, Chennai-600 032.

4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ), 34, HEPC Building, 1st& 2nd Floor, Cathedral Garden Road, Nungampakkam, Chennai - 34.

5. Monitoring Cell, I A Division, Ministry of Environment & Forests, ParyavaranBhavan, CGO Complex, New Delhi 110003.

6. The Commissioner, Greater Chennai Corporation, Chennai.

7. Stock File.

सत्यमेव जयते

SEIAA

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