

Agenda No. 128-04 :

(File No. 6720/2019)

Proposed construction of Multi-storied residential group development building by M/s. Casa Grand Builder Private Limited at S.No. 16/1A, 20/1A, 20/1B, 20/1C1, 20/1C2, 22/1A, 22/1B, 22/2A1, 22/2A2, 22/2B1, 22/3, 22/4A, 24/7, 25/3A & 25/3B in Vengaivasal village, Tambaram taluk, Kancheepuram district, Tamil Nadu– For Environment Clearance

(SIA/TN/NCP/93873/2019) Dated: 01.02.2019.

The proposal was placed in the 128th SEAC Meeting held on 15.04.2019. The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. The total plot area of the project is about 29392.40 Sq.m & net plot area is 28978 Sq.m with a total built up area 1,27,699Sq.m
2. The project comprises of 3 blocks (Block A - C) comprises of Basement + stilt + 14 floors and Block – D (club house) ground + 3 floors with swimming pool with 949 dwelling units.
3. Total cost of the Project is 230 Crores.
4. A total number of 727 car parking and 803 two wheeler parking to be provided.
5. The green belt area proposed for the project is 4359 Sq.m (15% of total land area).
6. Grey water - Wastewater from bathing and household appliances like washing machines will be collected separately. 256 kLD of grey water will be let into the grey water treatment system (270 kLD). After grey water treatment, 243 kLD of treated water will be generated, out of which 228 kLD will be used for flushing and 15 kLD will be used for gardening.
7. 362 kLD of black water generated will be treated in STP of 370 kLD capacity, 344 kLD of treated wastewater will be generated; out of 10 kLD will be used for OSR and 334 kLD will be used for Avenue plantation & construction.
8. Total waste estimated to be generated is 2468 kg/day in which 1.4 Tons/day is Biodegradable waste, which will be treated in organic waste convertor (OWC-

300) within the project site mixed with 52 kg/day STP sludge and then used as manure for landscaping purpose within project site and 1 Tons/day is Non Biodegradable waste will be sold to recyclers.

9. The rainwater harvesting pit has 37 nos of 1.5 m dia and 1.8 m depth & the rainwater collection sump 1 no of capacity 272 cu.m to be provided.
10. Power Requirement is 9000 kVA, Source of power is TNEB Grid.
11. The proponent is proposed to install D.G set of 2 Nos of 250 kVA, 2 Nos of 380 kVA and 1 Nos of 100 kVA to cater the essential load requirement during power failure with a stack height of 54m, 55m and 53m respectively.

The SEAC noted the following:

1. The Proponent, M/s. Casa Grand Builder Private Limited has applied for EC to SEIAA-TN on 16.02.2019 for the proposed construction of Multi-storied residential group development building project at S.No. 16/1A, 20/1A, 20/1B, 20/1C1, 20/1C2, 22/1A, 22/1B, 22/2A1, 22/2A2, 22/2B1, 22/3, 22/4A, 24/7, 25/3A & 25/3B in Vengaivasal village, Tambaram taluk, Kancheepuram district, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction projects" of the Schedule to the EIA Notification, 2006.

The SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance with stipulated the following specific conditions in addition to the normal conditions:

1. The proponent has to earmark the greenbelt area of 15% of the total plot area with dimension and GPS coordinates on the periphery of the site and the same shall be included in the layout plan to be submitted for CMDA/DTCP approval. An undertaking regarding the same shall be furnished in the form of affidavit.
2. The proponent shall obtain the necessary permission letter from the CMWSSB for the fresh water requirement of 436 kLD before obtaining CTO from TNPCB/ before commencement of the project.

3. The treated grey water of 228 kLD after meeting the standards prescribed by the CPCB will be utilized for toilet flushing.
4. The treated sewage of 15 kLD after meeting the standards prescribed by the CPCB will be utilized for green belt development.
5. The proponent has proposed to dispose the excess treated sewage of 334 kLD for Avenue plantation and construction. The committee decided to direct the proponent for the suitable /alternative disposal plan for the disposal of treated sewage since the disposal of the treated sewage amount to be huge i.e 334 KLD. Accordingly the proposal may be revised along with revised EMP budget & same shall be submitted to SEIAA before placing the subject in the SEIAA meeting.
6. Detailed storm water management plan considering the project site and the surrounding area to be prepared and shall be furnished to SEIAA.
7. The height of the stack of DG sets shall be provided as per the CPCB norms.
8. Solar energy should be atleast 10% of total energy utilization. Further the proponent shall use solar panels for all the street lights proposed inside the premises. Accordingly, the proposal shall be submitted before placing the subject to SEIAA.
9. The purpose of Green belt around residential buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University.
10. Details of E- Waste management plan shall be prepared as per E- waste management Rules, 2016 and same shall be furnished before placing the subject to SEIAA.
11. For CER: The project proponent shall submit the proposal for the utilization of CER fund of Rs. 304.52 Lakhs (1% of the total project cost) as agreed by the proponent in the meeting, before placing the subject to SEIAA. The maximum amount of CER should be utilized for restoration of Sithaalapakkam Lake & improve the environment in the surrounding.