

6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
7. Considering the volume of bio-degradable waste generation from the project (656 kg/day), the project proponent shall adopt the bio digestion technology for bio gas production instead of OWC proposed.
8. For CER: The project proponent shall allocate and utilize the CER fund of Rs. 150 Lakhs as committed for the restoration of singanallur lake in consultation with PWD as per MOEF & CC OM dated: 01.05.2018 before applying for CTO from TNPCB.

Agenda No. 127-14:

File No. 4028/2019

Proposed Residential Development by M/s. Altis Ville LLP at S.F.No.382 pt, 383/1,383/2 & 409 pt of Mangadu Village, Sriperumbudhur Taluk, Kanchipuram District, Tamil Nadu - for Environmental Clearance.

(SIA/TN/NCP/ 72731/2018)

The project proponent gave a detailed presentation on the salient features of the project and informed that:

Initially, the proponent has obtained EC for the residential development of 524 dwelling units with a total built up area of 52597.01 Sq.m in a plot area of 20193.15 Sq.m at Mangadu Village, Sriperumbudhur Taluk, Kanchipuram District vide SEIAA-TN/F.No. 4028/EC/8(a)/437/2015 dated: 18.12.2015. No construction started as of now. In order to maximize the FSI, the proponent has now submitted a proposal for a built up area of 68300.94 Sq.m. However, No planning permission has been obtained CMDA/DTCP and proponent has not even applied for planning permission.

Based on the project proposal and the presentation made by the proponent, the SEAC decided to defer the proposal with a direction to the proponent to obtain the planning permission and other legal documents and submit the same to SEIAA-TN for further necessary action.

  
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The above said minute was communicated with the project proponent and the detail was submitted by the proponent vide letter dated: 11.12.2018.

The proposal was placed in the 123<sup>rd</sup> SEAC Meeting held on 21.12.2018. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the committee decided to defer the proposal for representation of the proposal since the presentation made by the proponent is not clear in explaining the project as well as environmental impact assessment.

The project proponent gave a detailed representation on the salient features of the project and informed that:

1. Total Plot Area of 20193.15 m<sup>2</sup> and Total Built up Area of 68300.94 m<sup>2</sup>
2. The project was accorded Environmental Clearance for the site for a Built-up Area of 52,597.01 Sq.mtr comprising of 524 Nos. of Dwelling Units in 4 Blocks of S + US + 1 - 13 Floors and 1 Block of S + 1 - 9 Floors and also a Club House of G + 1 Floor Configuration proposed in a Plot Area of 20,190.91 Sq.mtr. While planning permission from CMDA was sanctioned considering the prevailing provisions the configuration of the development got changed to 578 dwelling units in three blocks with a club house with a configuration of Block 1 - Stilt + I Upper stilt + II Upper stilt + 1 to 17 Floors , Block 2 - Stilt + I Upper stilt + II Upper stilt + 1 to 17 Floors, Block 3 - Stilt + I Upper stilt + II Upper stilt + 1 to 17 floors and Club House with G+2 Floors
3. The plot area remains same and unaltered.
4. Total parking facilities provided for 650 number of four wheelers and 200 number of two wheelers.
5. Daily fresh water requirement for the project will be 269kLD, which will be met from inhouse bore wells used for domestic purpose and swimming pool.
6. The sewage generated after treatment through 350kLD capacity of Sewage treatment Plant will be 331kLD out of which 135kLD will be recycled for flushing,

  
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12kLD will be utilized for gardening and excess treated water of 184kLD will be disposed for avenue plantation.

7. Solid waste generation has been projected as 1.17MT/day of Bio Degradable waste and 0.78MT/day of non-Bio degradable waste which will be disposed through Authorized recyclers and STP Sludge of 35kg/day will be used for Manure for gardening.
8. The power required will be 3.5MW which will be met sourced from Tamil Nadu Generation and Distribution Corporation Limited [TANGEDCO] with backup DG sets generated power of 500KVA – 3nos. and 250KVA – 1no with stack height of 62m from GL each.
9. The total cost of the project is about Rs.88.70crores

The proposal was once again placed in the 125<sup>th</sup> SEAC Meeting held on 02.02.2019. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished the committee instructed the project proponent to furnish the following details:

1. The proponent has to get permission from the competent Authority for proposed to supply water through in house bore well.
2. The proponent shall submit proposal for grey water treatment and the plans for the reuse of the treated grey water, especially for toilet flushing by providing dual piping/ plumbing system, as their total water consumption is 404 KLD and also in view of the actual water shortage in Chennai District. Accordingly the water balance shall be revised.
3. Study on baseline data on Air, Water & Noise using modelling on peak season shall be studied.
4. Report of analysis of ground water samples high TDS & fluorides. The proponent has to submit a plan/ design for treating in house bore well water supplied to the residents to achieve the drinking water standards.

  
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5. The Rain water harvesting system should be revised considering soil characteristics, the roof run off for the Rain water storage sump and other run off for the rain water harvesting pits.
6. 15% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks such a way the proponent shall earmark in the layout of the greenbelt area with dimension and GPS coordinates and furnish the same.
7. Modelling on traffic survey plan shall be conducted.
8. Detail of MBBR technology for STP shall be furnished.

Further action will be taken on the proposal by SEAC, only after receipt of the above said details.

The 125<sup>th</sup> minutes of the SEAC meeting was communicated to the project proponent through online. The proponent has submitted the details on 12.03.2019.

The proposal along with the above said details was placed in the 127th SEAC Meeting held on 15.03.2019. The project proponent gave detailed presentation on the above said points. The explanation given for the following points were not satisfactory. Hence, the proponent is requested to submit the following:

1. The proponent shall submit proposal for grey water treatment and the plans for the reuse of the treated grey water, especially for toilet flushing by providing dual piping/ plumbing system, as their total water consumption is 404 kLD and also in view of the actual water shortage in Chennai District. Accordingly the water balance shall be revised.
2. The Rain water harvesting system should be revised considering soil characteristics, the roof run off for the Rain water storage sump and other run off for the rain water harvesting pits.
3. The proponent has to get permission from the competent Authority for proposed to supply water through in- house bore well.

  
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The proponent has submitted the aforesaid 3 points on the same day of the SEAC meeting.

After perusal of the details, the SEAC decided to recommend the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. Proponent shall obtain necessary NoC/ permission from the competent Authority for drawal of ground water and the same shall be furnished before the TNPCB before applying for CTO.
2. The height of the stack of DG sets shall be provided as per the CPCB norms.
3. The excess treated sewage (144 kLD) and treated grey water (37 kLD) totalling of 181 kLD after meeting the standards prescribed by the CPCB will be utilized for avenue plantation. Hence, the proponent has to get necessary permission/agreement for 10 years from users of the treated water for avenue plantation purpose and the same shall be submitted to TNPCB before obtaining CTO.
4. Solar energy should be atleast 10% of total energy utilization.
5. 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 wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, Coimbatore District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close escapement may be tried which will give a good green cover. A total of 15% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner.

  
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6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
7. Detailed storm water management plan considering the project site and the surrounding area to be prepared and may be furnished to SEIAA.
8. For CER: The project proponent shall allocate and utilize the CER fund of Rs. 50 Lakhs for the restoration of water bodies around the project site as per MOEF & CC OM dated: 01.05.2018 before applying for CTO from TNPCB. In this regards, the proponent shall furnish the plan of action with detail of water bodies to be adopted for utilization of CER before placing the subject to SEIAA.

**Agenda No. 127-15:**

(File No. 6739/2019)

Proposed Rough Stone and Gravel quarry for over an Extent of 4.51.5 hectare of Patta lands in S.F.Nos.54/4B (P), 55/1A, 55/1B, 55/3, 55/2, 54/4A, 54/3B, 41/2A3 (P), 54/2,41/2A1(P) and 41/2A2, of Melapaluvur Village, Ariyalur Taluk and District in the state of Tamil Nadu by Tvl. KNR Constructions Limited – For Environment Clearance.

(SIA/TN/MIN/31903/2019) dated: 26.02.2019

The proposal was placed in the 127th SEAC Meeting held on 15.03.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The Quarry lease was applied in the name of TVL. KNR CONSTRUCTIONS LIMITED, Ariyalur District, Precise Area Communication letter was issued by the Districts Collector, Ariyalur vide R.c.No. 252/G&M/2018, dated 03.01.2019 for a period of five years. It is a Fresh lease Rough Stone and Gravel quarry for over an Extent of 4.51.5 hectare of Patta lands in S.F.Nos.54/4B(P), 55/1A, 55/1B, 55/3, 55/2, 54/4A, 54/3B, 41/2A3(P), 54/2,41/2A1(P) and 41/2A2, of Melapaluvur Village, Ariyalur Taluk and District.

  
CHAIRMAN  
SEAC-TN