

**MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>TH</sup> July, 2018**

117 - 6583/2016	Proposed construction of Multistoried Residential Group Development project by M/s. Nebula Infraspaces LLP at S.F. No. 399/1A, 1B, 1C, 1D, 400/1A 1B, 406/1A, 407/2B & 84, 413/5B & 413/6B of Chettipunyam Village, Chengalpet Taluk, Kancheepuram District - Environment Clearance - Sl. No. 8(a) of the Schedule - Building and Construction projects- Regarding.
	<p>The Proponent of M/s Nebula Infraspaces LLP has applied for Environment Clearance to SEIAA on 07.05.2018 for the proposed construction of Multistoried Residential Group Development project to a total built up area of 129830.21 sq.m at S.F. No. 399/1A, 1B, 1C, 1D, 400/1A 1B, 406/1A, 407/2B &amp; 84, 413/5B &amp; 413/6B of Chettipunyam Village, Chengalpet Taluk, Kancheepuram District .</p> <p>The salient features of the proposal are as follows:</p> <ol style="list-style-type: none"> <li>1) The project involves construction of building with combined basement for 3 towers each having stilt + 14 floors and 1 commercial block with G+4 floors. The total number of dwelling units will be 1568 nos.</li> <li>2) The total plot area of the project is 89718 sq.m with a total built up area of 129830.21 sq.m.</li> <li>3) The green belt area proposed for the project is 4429.5 sq.m.</li> <li>4) The fresh water requirement is 668 KLD to be sourced from local body (Tiruporur Panchayat Union) to this effect the proponent has furnished the assurance letter from special officer/BDO Kattankolathur vide Rc No: 261/2017/B6 Dated:02.03.2018. Out of 668 KLD, 663 KLD will be used for domestic purpose &amp; 5 KLD will be used for swimming pool top up.</li> <li>5) The sewage generated from the project will be 977 KLD, which will be treated in the STP of 1014 KLD capacity &amp; the treated sewage of 380 KLD will be used for toilet flushing, 16 KLD will be used for gardening, 31 KLD will be used for OSR, 240 KLD for HVAC &amp;</li> </ol>

MEMBER SECRETARY, SEAC

CHAIRMAN, SEAC

## MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>TH</sup> July, 2018

remaining excess treated sewage of 261 KLD will be disposed into local body.

- 6) The bio degradable solid waste (2910.6 kg/day) will be treated in the organic waste convertor and used as manure. The non bio degradable solid waste (1940.4 kg/day) will be handed over to Authorized recyclers & STP Sludge (150 kg/day) will be used as manure for green belt.
- 7) Proposed to provide 20 number of rain water harvesting pits and 230 KLD capacity storage sump will be provided.

The proposal was placed in the 117th SEAC Meeting held on 28.07.2018. Based on the presentation made by the proponent and the documents furnished, the SEAC noted the following critical Environmental issues related to the project:

1. The project site is located in Chettipunyam Village, 0.85 km is from Chettipunyam Village. The project boundary is close to the railway track separated by a distance of 20m and lying on the back side of the Paranur railway station track. The proponent should implement adequate environmental management measures to control the adverse effects of noise and vibration that will be caused due to the train movement on the track. In this connection, the recommendations stipulated in the "EIA Guidance Manual – Building, Construction, Townships and Area Development, February 2010" are stated as below for strict implementation by the proponent.

**EIA Guidance Manual – Building, Construction, Townships and Area Development, February 2010 (An extract)**

Setting up the barriers: National Building Code 2005 suggests that design solutions such as barrier blocks should be used to reduce external LA10 noise levels to at least 60-70dB(A) at any point 1.0 m



## MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>th</sup> July, 2018

from any inward looking facade. Green belts and landscaping could act as an effective means to control noise pollution. In case of railway tracks, a minimum distance of 50m to 70m may be provided between the buildings and the tracks. Thick belts of planting greater than 30 meters are useful for cutting the noise levels from road traffic. Strong leafy trees may be planted to act as noise baffles. Shrubs and creepers may also be planted for additional protection between treetrunks; artificial mounds and banks should be formed where practicable. As little hard paving and as much grass as possible may be used. The creation of green belt is particularly advisable on the perimeter of aerodromes, along railway lines and arterial roads, through or past built up areas and adjoining industrial zones.

2. This is a special project wherein both residential and commercial activities are in the same place. The commercial block has G+4 floors. The commercial block has provision for showrooms and offices. The commercial block is located abutting the GST road and the residential blocks 3 nos. are comparatively away from GST road. Thus the functioning of the commercial block will not have any impact on the functioning of the residential blocks.
3. From the water balance diagram it is noted that 261 KLD of treated sewage will be available of the excess for proper management. The proponent proposes to use 261 KLD of treated sewage as decided by the local body (Tiruporur Panchayat Union). However, the committee directed the proponent to discharge the excess treated sewage in the Shollinganalur STP of CMWSSB for which the proponent agreed. The proponent should submit an undertaking to this effect before issue of EC.
4. Based on the traffic analysis presented by the proponent it is noted that the volume/capacity (v/c) ratio is 0.8. As per guidelines, maintaining a ratio of 0.8 is undesirable as the level of service is poor

MEMBER SECRETARY, SEAC

  
CHAIRMAN, SEAC

# MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>TH</sup> July, 2018

and there is the "Possibility of local deterioration with blockages". Therefore, the proponent was directed to revise the traffic flow into the project area and out of the project area in order to reduce the adverse impact on the traffic flow in the highway. The proponent should submit the report to this effect before issue of EC

5. The project proponent has to furnish the certificate stating that the proposed site had not encroached any water body (rivers, canals, lakes, ponds, tanks, etc) shall be obtained from the competent authority before issue of EC.
6. Solar energy saving shall be increased to atleast 5% of total energy utilization.
7. Towards green belt, the project proponent has allotted 4429.5 (4.9 %) sq.m, which is below the norms. The project proponent should allot an area of 13457.7 sq.m (15%) for green belt, to this effect the proponent should submit the revised green belt plan indicating the allotment of the green belt area of 13457.7 Sq.m marked with DGPS coordinates before issue of EC. Also to plant 1125 numbers of indigenous species in the green belt area of 13457.7 sq.m (15%), the following species shall be planted.


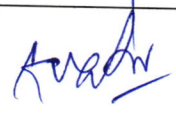
Pongamia glabra	Pungan
Thespesia populnea	Poovarasu
Ficus religiosa	Arasu
Azadirachta indica	Vembu
Terminalia arjuna	Neermarudhu
Calophyllum inophyllum	Punnai
Syzygium cumini	Naval
Madhuca longifolia	Ilippai
Mimusops elengi	Magilam



# MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>th</sup> July, 2018

In addition to the compliance of the above conditions, for CER, the project proponent shall allocate and utilize the CER fund of Rs. 94.5 Lakhs totally as committed. For this the proponent has identified Govt. Higher Secondary School, Singaperumal koil, for the purpose of infrastructure facilities including basic amenities like classroom construction and renovation, drinking water supply and toilets, sports facilities, solar and portable gen sets – Rs. 60 lakhs: Govt. School Chettipunyam for the purpose of infrastructure facilities including basic amenities like classroom construction and renovation, drinking water supply and toilets, sports facilities, solar and portable gen sets – Rs. 34.5 lakhs. The above CER fund of Rs.94.5 lakhs should be spent before obtaining CTO from TNPCB and should submit the proof for the same to SEIAA-TN.



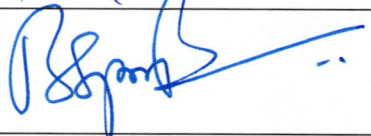
The SEAC decided to recommend the proposal of M/s. Nebula Infraspace LLP at S.F. No. 399/1A, 1B, 1C, 1D, 400/1A 1B, 406/1A, 407/2B & 84, 413/5B & 413/6B of Chettipunyam Village, Chengalpet Taluk, Kancheepuram District to SEIAA-TN for the grant of Environmental Clearance subject to the fulfillment of the above said Eight conditions in addition to the normal conditions.

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.K.Valivittan	Member	
3	Dr.Indumathi M. Nambi	Member	
4	Dr. G. S. Vijayalakshmi	Member	

MEMBER SECRETARY, SEAC

  
CHAIRMAN, SEAC

# MINUTES OF THE 117<sup>TH</sup> SEAC MEETING HELD ON 28<sup>th</sup> July, 2018

5	Dr. M. Jayaprakash	Member	
7	Shri V. Shanmugasundaram	Member	
8	Shri B. Sugirtharaj Koilpillai	Member	
9	Shri. P. Balamadeswaran	Co-opt Member	
10	Shri. M.S. Jayaram	Co-opt Member	

MEMBER SECRETARY, SEAC

CHAIRMAN, SEAC