

<p>118- F. 6612/2017</p>	<p>Proposed reconstruction of 504 Tamil Nadu Govt. Servants Rental Housing Scheme (TNGRHS) flats by M/s. Tamil Nadu Housing Board at T.S.No. 15 & 16 of Saidapet Village, Guindy – Mambalam Taluk, Chennai District, Tamil Nadu – Activity 8(a) & Category “B2”- Building & Construction Projects - Environmental Clearance (EC) – Regarding.</p>
	<p>The Project Proponent M/s. Tamil Nadu Housing Board has applied for Environment Clearance for the proposed reconstruction of 504 Tamil Nadu Govt. Servants Rental Housing Scheme (TNGRHS) flats with a total built up area of 50694.921 Sq.m at T.S.No. 15 & 16 of Saidapet Village, Guindy – Mambalam Taluk, Chennai District, Tamil Nadu on 08.06.2018.</p> <p>The Salient features of the project are as follows:</p> <ol style="list-style-type: none"> 1. The proposed project is construction of 504 residential Tenements with total built up area and land area of 50694.921 sq.m and 10153.96 sq.m which consists of 3 blocks (5+9 floors) under Tamil Nadu Govt. Servants Rental Housing Scheme (TNGRHS). 2. 1520.12 sq.m (15%) area is allotted for green belt development. 3. The water bodies surrounding the projects are adyar river located at 12m from the proposed site and Mambalam drain is located at 32m from the proposed site. 4. The fresh water requirement is 344 KLD to be sourced from CMWSSB, which will be used for domestic purpose. 5. The sewage generated from the project will be 321 KLD, out of 321 KLD 5 KLD sewage will be treated in the STP of capacity 10 KLD and the same will be used for green belt development & remaining excess sewage of 316 KLD will be discharged into CMWSSB pumping station (Todhunter Nagar) which leads to Nesapakkam STP for further treatment. 6. The bio degradable solid waste (786 kg/day) will be treated in the organic waste convertor and used as manure. The non bio degradable solid waste (524 kg/day) will be handed over to Authorized recyclers & STP Sludge (2 kg/day) will be used as manure for green belt.

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7. Proposed to provide 16 number of rain water harvesting pits and 103 Cu.m capacity storage sump will be provided.
8. The hazardous waste such as used oil of 0.2 TPA will be generated and the same shall be disposed to TPCB authorized re-processor.

The proposal was placed in the 118th SEAC Meeting held on 02.08.2018. 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. In total 13 blocks of 174 units (G+3) were demolished. The demolition has been carried out with permission from the Greater Chennai Corporation vide letter no. WDC.No. DA/WDCN13/00374/2017 dated: 18.12.2017. The quantity of demolition waste was 800 tons. The demolition waste were used for filling of low lying areas of Avadi, Urapakkam, Red hills and Oragadam.
2. The project site lies just 12m from the PWD river boundary of Adyar river at Todhunter Nagar, Saidapet. The site is also close to Mambalam drain which is located just 32m away. The proponent informed that the site was flooded during the 2015 flood. Obviously the site will suffer from flooding if the 2015 flood is repeated. Therefore the proponent was directed to plan, design and execute the project in such a way that the housing project does not suffer due to floods. The proponent was directed to furnish the details along with PWD certification to ensure that the site will not be flooded in future, before the issue of EC.
3. 10 numbers of trees exist in the project site and the proponent has made a commitment not to cut the 10 trees that are currently present in the site and also committed to conserve and protect those trees. The proponent was directed to comply with this commitment.
4. The proponent shall ensure that no treated/untreated sewage shall be discharged in to the nearby Adyar river and Mamabalam drain either directly or indirectly.
5. There should not be any adverse impact of the project on the nearby

water body such as Adyar river and Mamabalam drain.

6. Solar energy saving shall be utilized to atleast 5% of total energy utilization.
7. Towards green belt, the project proponent has allotted 1520.12 sq.m (15%), which is adequate. To this effect the proponent should submit green belt plan indicating the allotment of the green belt area of 1520.12 Sq.m marked with DGPS coordinates before issue of EC. The project proponent has to plant 130 numbers of indigenous species. The proponent has committed to plant 146 number of indigenous species in the green belt area of 1520.12 sq.m. 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

In line with the discussion made in the SEAC meeting, proponent was directed to furnish additional details which the proponent submitted subsequently which partially complies with the requirement.

The SEAC decided to recommend the proposal of the proposed reconstruction of 504 Tamil Nadu Govt. Servants Rental Housing Scheme (TNGRHS) flats with a total built up area of 50694.921 Sq.m at T.S.No. 15 & 16 of Saidapet Village, Guindy – Mambalam Taluk, Chennai District, Tamil Nadu to SEIAA-TN for the grant of Environmental Clearance subject to the fulfillment of the above said conditions in addition to the normal conditions.

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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	
5	Dr. M. Jayaprakash	Member	
6	Shri V. Sivasubramanian	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