

MINUTES OF THE 116TH SEAC MEETING HELD ON 09th July 2018

116 - 6624/ 2018	Proposed construction of Multi Storied building (Police Quarters for PC & HC)- Avadi by M/s. Tamil Nadu Police Housing Corporation Limited at old S.F. No. 209/1F3, New No.1, Ward-D, Block 47 of Thirumullaivoyal Village, Ambattur Taluk, Tiruvallur District - Environment Clearance - Sl. No. 8(a) of the Schedule - Building and Construction projects- Regarding.
	<p>The Proponent of M/s. Tamil Nadu Police Housing Corporation Limited has applied for Environment Clearance to SEIAA on 29.06.2018 for the proposed construction of Multi Storied building (Police Quarters for PC & HC)- Avadi to a total built up area of 76825.17sq.m at old S.F. No. 209/1F3, New No.1, Ward-D, Block 47 of Thirumullaivoyal Village, Ambattur Taluk, Tiruvallur District.</p> <p>The proposal was placed in the 116th SEAC Meeting held on 09.07.2018.</p> <p>The salient features of the proposal are as follows:</p> <ol style="list-style-type: none"> 1) The project involves construction of 12 blocks accommodating multi storied apartments in 2 phases, <ul style="list-style-type: none"> • Phase XXI TSP Vth Bat: 4 blocks of stilt+10floors, 1 block of stilt+8 floors, Blocks 1 & 2 • Phase XXI City Police: 6 blocks of stilt+10 floors and 1 block of stilt +5 floors, Blocks 3 & 4 <p>The project site already had 334 single quarters which have been demolished. These are old buildings. There are 126 housing units recently constructed which will be retained for the future. The proposal of the police housing corporation is to construct totally 879 quarters, community hall (Block - 5). The built up area of existing quarters is 6381.99 sq.m and proposed built up area of 70443.18 Sq.m totally 76825.17 sq.m for which the EC is requested.</p> <ol style="list-style-type: none"> 2) Water bodies surrounding the proposed project: <p>The Nagammai nagar pond is located at 0.40 Km in SSW, the Poompozhyly nagar lake is located at 0.50 Km in NNW & the</p>

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Thirumullaivoyal pond is located at 0.83 KM in ENE.

- 3) The green belt area proposed for the project is 14994.51 sq.m.
- 4) The fresh water requirement is 484 KLD to be sourced from CMWSSB. For the existing quarters, already CMWSSB water connection exists and the proponent proposes to use the same connection for the future proposal.
- 5) The sewage generated from the project will be 630 KLD which will be treated in the STP of 650KLD capacity & the treated sewage of 345 KLD will be used for Avenue plantation & Social forestry, 243 KLD will be used for toilet flushing & 42 KLD will be used for gardening within the project site.
- 6) The bio degradable solid waste (1424.25 kg/day) will be treated in the organic waste convertor. The non bio degradable solid waste (949.5 kg/day) will be handed over to Authorized recyclers & STP Sludge (65 kg/day) will be composed and used as manure.
- 7) The proponent has proposed to provide rain water system – 44 nos of recharge pits and storage sumps of 2 nos of 75 cu.m each.

The members of SEAC made the following observations after the appraisal.

1. The proponent should initiate action to augment the water supply rate from CMWSSB from the present level of supply since the number of quarters increases from 126 to 879 and furnish a commitment letter from CMWSSB to this effect.
2. 334 old quarters have been demolished and according to the proponent 300 lorry loads of construction and demolition waste (C&D waste) have been generated. The SEAC members directed the proponent to furnish details of the disposal of the C & D waste.
3. The proponent was directed to furnish revised water balance diagram incorporating correct quantities of treated sewage for

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use in green belt (52 KLD instead of 45 KLD).

4. The proponent was directed to furnish the details of existing trees with species available.
5. The proponent was directed to furnish an affidavit showing the details of land area for the disposal of treated sewage for avenue plantation and social forestry.
6. Regarding green belt, the area proposed for green belt is adequate and the proponent is directed to plant 1250 indigenous tree species.

The proponent was directed to furnish the details as directed above on 09.07.2018. The proponent submitted the details accordingly on 09.07.2018. The members of SEAC perused the details furnished by the proponent. As far as the green belt is concerned, it is noted that 1553 trees have already been planted in the construction site and around the construction site. These are of different species like Neem, Tamarind, Arasamaram, Pungai, Asoka, Mango, Cotton, Naval & coconut. The SEAC would like to direct the proponent to plant 1250 trees of approved species irrespective of the existing trees in the police quarters campus. The recommended species are:

- i. Pongamia glabra (Pungan)
- ii. Thespesia populnea (Poovarasu)
- iii. Azadirachta indica (Vembu)
- iv. Syzygium cumini (Naval)
- v. Mimosa elengi (Magilam)
- vi. Ficus glomerata (Athi)
- vii. Calophyllum inophyllum (Punnai)
- viii. Ficus religiosa (Arasu)
- ix. Madhuca longifolia (Iluppai)
- x. Terminalia arjuna (Neermarudhu)
- xi. Terminalia bellarica (Thani)
- xii. Artocarpus heterophyllus (Pala)

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The SEAC decided to recommend the proposal of **M/s. Tamil Nadu Police Housing Corporation Limited** for the proposed construction of Multi Storied building (Police Quarters for PC & HC)- Avadi at old S.F. No. 209/1F3, New No.1, Ward-D, Block 47 of Thirumullaivoyal Village, Ambattur Taluk, Tiruvallur District to SEIAA-TN for the grant of Environmental Clearance subject to the following conditions in addition to the normal conditions:

1. 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.
2. The Nagammai nagar pond, the Poompozhily nagar lake & the Thirumullaivoyal pond are located within 1 km from the project site. Treated/untreated sewage should not be discharged into the Nagammai nagar pond, the Poompozhily nagar lake & the Thirumullaivoyal pond. Similarly, Nagammai nagar pond, the Poompozhily nagar lake & the Thirumullaivoyal pond should not be polluted with municipal solid waste generated from the project.
3. Solar energy shall be increased to atleast 5% of total energy utilization.
4. Towards green belt, the project proponent has allotted 14994.51 sq.m (15.03 %), which is adequate as per norms. Green belt shall be planted with 1250 indigenous tree species. The following species shall be planted.

Pongamia glabra	Pungan
Thespesia populnea	Poovarasu
Ficus religiosa	Arasu
Azadirachta indica	Vembu


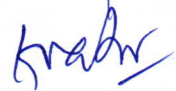
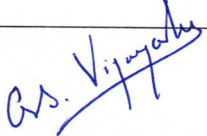
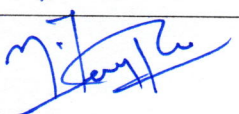
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Terminalia arjuna	Neermarudhu
Calophyllum inophyllum	Punnai
Syzygium cumini	Naval
Madhuca longifolia	Ilippai
Mimusops elengi	Magilam

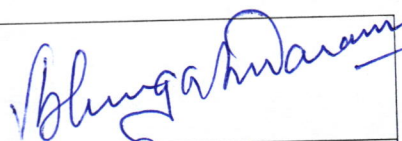
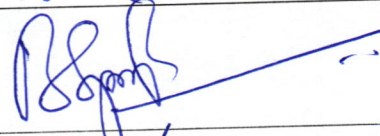

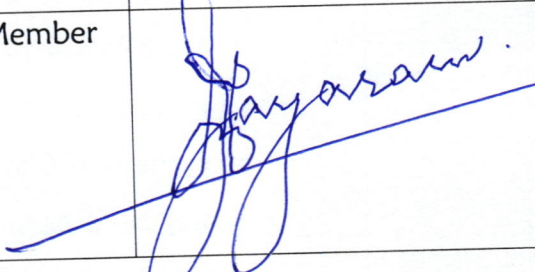
5. The proponent should initiate action to augment the water supply rate from CMWSSB from the present level of supply since the number of quarters increases from 126 to 879 and furnish a commitment letter from CMWSSB to this effect before obtaining CTO from TNPCB.
6. 334 Nos. old quarters have been demolished and according to the proponent 300 lorry loads of construction and demolition waste (C&D waste) have been generated. The proponent should furnish the details of the disposal of the C & D waste before issue of EC.
7. For CER: The present Government project is not commercial and hence, the Committee decided not to insist on CER.

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	

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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	

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