

utilization of treated sewage instead of leading out into Ennore Thermal Power plant/CMWSSB Sewer line, which is not under the control.

- f) The plan for OSR area shall be revised in order to provide exit and entry to the public.
- g) Buckingham canal is located at 0.48 km from the project site, Korattalaiyar River is located at 0.53 km from the project site & Bay of Bengal is located at 0.65 km from the project site. The Committee felt that the project may fall under the CRZ zone, and if so, the CRZ clearance needs to be obtained.
- h) Detail of Evacuation plan in case of emergent shall be submitted.
- i) In the Terms of Reference one of the conditions is mentioned as

“ As per National building 2005 suggest that design solutions such as barriers blocks should be used to reduce external LA10 noise levels to at least 60-70 dB (A) at any point 1.0 m 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. Hence, the proponent is directed to leave a minimum distance of 50m between the building and the tracks and plan accordingly.”

But the proponent has not provided minimum distance of 50m between the building and the tracks.

After the details for S.No. a) to h) stated above are submitted by the proponent, the SEAC would further deliberate on this project and decide the further course of action.

Agenda No. 130-02:

(File No. 6828/2019)

Proposed Construction of New Mofussil Bus Terminus by M/s. Chennai Metro Politan Development Authority at S.F. NO. 191, 202-1, 2, 197, 186, 189, 190, 192,

196, 198, 199, 200, 210, 193, 185, 183-1B, 2B, 4B, 184-1B, 3B, 192-2, 203-1, 204-1, 205-2A, 206-2, of Kilambakkam Village, Chengalpet Taluk, Kancheepuram District – For Environment Clearance .

(SIA/TN/MIS/105379/2019) dated 15.05.2019.

The proposal was placed in the 130th SEAC Meeting held on 10.06.2019. 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:

- i. The project is located at 13°01'20.56"N latitude and 80°14'41.52"E longitude.
- ii. The project is new (Green field) construction of new mofussil bus terminus.
- iii. A total built up area of 68965.84 Sq.m and total area of extent is 349807.60 Sq.m. The project comprise of 14.17 acres planned for bus parking and 20.96 reserved for future developments.
- iv. During construction phase, total water requirement is expected to be 35 kLD which will be met from outside through tankers by civil contractors. During the construction phase, the wastewater generated will be treated in the septic tanks with dispersion trenches. Temporary sanitary toilets will be provided during the construction phase.
- v. During operation phase, total water demand of the project is expected to be 768.4 kLD and in which 504.8 kLD of Domestic water requirement, 228.6 kLD of Flushing water requirement and 35 kLD for Bus washing will be met from Local Panchayat and through tankers by contractors.
- vi. Sewage generation will be 643.8 kLD which will be treated in the STP of 650 kLD . The treated sewage of 570 kLD , out of which 184 kLD will be used for green belt development , 123 kLD will be used for OSR, 228.6 kLD will be used for toilet flushing & 13.11 kLD for local bodies.

- vii. From the Bus washing 35 kLD of effluent will be generated which will be treated in the ETP of capacity 40 kLD and the treated effluent of 34 kLD will be used for Avenue plantation & Road washing.
- viii. About 2425 kg/day solid wastes will be generated in the project. The biodegradable waste (1329 kg/day) will be processed in Organic Waste Converter and the non-biodegradable waste generated (886 kg/day) will be handed over to authorized recycler. The STP Sludge generated (210 kg/day) will be used as manure for gardening.
- ix. The total power requirement during operation phase is 3,264 kVA and will be met from Tamil Nadu Generation & Distribution Corporation Ltd.
- x. Parking facility of 3696 sq.m will be provided.
- xi. NBWL Clearance and Forest Clearance are not required.
- xii. No Court Case is pending against the project.
- xiii. Cost of the project is Rs. 393.74 Crores.

The SEAC noted the following:

1. The Proponent, M/s. Chennai Metropolitan Development Authority has applied for Proposed Construction of New Mofussil Bus Terminus with a total built up area 68965.84 Sq.m to SEIAA-TN on 16.02.2019 at S.F. NO. 191, 202-1, 2, 197, 186, 189, 190, 192, 196, 198, 199, 200, 210, 193, 185, 183-1B, 2B, 4B, 184-1B, 3B, 192-2, 203-1, 204-1, 205-2A, 206-2, of Kilambakkam Village, Chengalpet 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.

Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. Water balance furnished during presentation is different from the conceptual plan submitted by the project proponent. Further the project proponent shall utilize all the treated water from STP within the project. Accordingly, the project proponent is requested to revise the water balance and submit the break up detail of makeup fresh water requirement.
2. The project proponent has proposed to treat the sewage generation in the STP of capacity 650 kLD using SBR technology. The SEAC is of opinion that instead of adopting the SBR based STP which is highly sensitive on the sequence and frequency of operation, maintenance; requirement of skilled operation, etc, the project proponent may explore the possibilities of adopting well proven ASP, MBBR technology over the SBR.
3. Mitigation measure for oil spillage may be worked out and included in the environmental management plan.
4. The proponent shall furnish the design details of both ETP & STP.
5. No details has been presented about air pollution assessment and its impact on environment. A detailed traffic study and the subsequence air pollution modelling of the criteria pollutants especially the PM_{10} , $PM_{2.5}$, CO , CO_2 , NO_x , fugitive emission etc. Needs to be worked out due to the movement of additional vehicles and subsequence management strategies for air pollution control may be worked out and included in the EMP.
6. The details of safety measures proposed for the commuters shall be furnished.
7. The proponent shall furnish the details of number of trees to be removed from the project site to carry out the proposal in that

- site. Further the proponent is requested to furnish the plan for compensatory tree plantation for the same.
8. Details of green belt development within the project site shall be furnished. The green belt should be developed all along the periphery of the project site.
 9. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area 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.
 10. Solar energy should be atleast 10% of the total energy utilization. Further the proponent shall use solar panels for all the external lights proposed inside the premises.
 11. The project proponent proposed to procure water from local panchyat and tanker by contractors. Hence, the proponent has to get necessary permission from competent authority, and submit the same.
 12. The CER proposal should be submitted as per the office memorandum of MoEF&CC dated 01.05.2018.

Based on the details submitted by the proponent for S.No. 1 to 12 stated above, the SEAC would further deliberate on this project and decide the further course of action.

Agenda No.130-03:

(File No. 6771/2019)

Proposed Residential Development with Allied Amenities by M/s. Voora Property Developers Private Limited at R.S.No. 4061/4 of Block No. 78 Old S.Nos. 3761, 3762 & 3763 of Tondiarpet Village, Tondiarpet Taluk, Chennai District, Tamil Nadu –For Environmental Clearance.