

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.

The project proponent has not turned up for the meeting and hence deferred.

Table Agenda

Agenda No. 130-TA- 01:

(File No. 6624/2019)

Expansion of Multi Specialty Hospital and Research Institute Building by M/s. SANCO Foundation, at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District in the state of Tamil Nadu– For Environmental Clearance.

(SIA/TN/NCP/31479/2016)

The proposal was placed in the 128th SEAC Meeting held on 15.04.2019. The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. Environmental Clearance (EC) has been obtained from the State Environmental Impact Assessment Authority during 2016 for M/s. Pearl Human Care Private Limited which comprises of 1 Block (Basement Floor - 1, Basement Floor – 2, Basement Floor – 3, Ground floor + Seven Floors) and Gas Manifold Room with a total built-up area of 37,685 Sq.m in a plot area of 11,623 Sq.m. Subsequently, the above said company was acquired by M/s. SANCO Foundation (A Charitable Trust).
2. Currently, the civil works of Basement floor 1, 2, Ground floor and up to 6th have been completed and now proposes to construct the additional 3 floors (ie. Up to 10th floor) in the same building which was previously granted EC.
3. The total land area of project is 11,623 Sq.m with total built up area is 47,591 Sq.m.

4. The project is located at 12°56'0.28"N Latitude, 79°08'29.3"E Longitude
5. The project comprises of Basement II + Basement I + Ground floor to Fourth Floor + Service Floor + Fifth floor to Tenth floor + Terrace floor
6. The total water requirement is 610 KLD. The daily fresh water requirement is 317 KLD for domestic, pathology and laundry purpose will be sourced from Vellore Corporation. 293 KLD of waste water is generated which is treated through 21 KLD of ETP & 300 KLD of STP of Sequential Batch Reactor (SBR), resulting in 293 KLD of treated water in which 78 KLD is used for flushing, 7 KLD for Greenbelt development and 208 KLD for HVAC. There is no discharge from the project site.
7. 371 numbers of car 4,639 m² of area allotted for parking.
8. 5000 KVA of power is required which is sourced through TNEB grid Back-up power supply is through 3 nos. of 1,500 kVA with a stack height of 50 m above the ground level.
9. The runoff from the project site is harvested through collection sump of 200 KL.
10. Total waste estimated to be generated is 944 Kg/day in which 549 Kg/day is Biodegradable waste, which will be treated in organic waste convertor (OWC) within the project site mixed with 30 Kg/day STP sludge and then used as manure for gardening purpose within project site and 365 Kg/day is Non Biodegradable waste will be handed over to recyclers. The biomedical waste (645 Kg/day) will be handed over to bio-medical waste treatment and disposal facility for treatment and disposal.

The SEAC noted the following:

1. The Proponent, M/s. SANCO Foundation has applied for EC Expansion to SEIAA-TN on 16.02.2019 for the Expansion of Multi Specialty

Hospital and Research Institute Building at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore 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 for the existing and proposed expansion activity to SEAC:

1. Details of village map, A register and FMB sketch shall be furnished.
2. The structural stability for the proposed expansion project from the reputed government institutions like Anna University, IIT, NIT, etc shall be furnished.
3. During presentation the proponent has informed that the Environment clearance was obtained for 1 Block (Basement Floor - 1, Basement Floor - 2, Basement Floor - 3, Ground floor + Seven Floors) and Gas Manifold Room with a total built-up area of 37,685Sq.m. but, the proposed expansion will be for Basement II + Basement I + Ground floor to Fourth Floor + Service Floor + Fifth floor to Tenth floor + Terrace floor without change in the number of beds. i.e increase in 3 floors without change in the number of beds. Hence, the committee decided to seek clarification, why increase in the 3 floors without change in the number of beds?
4. Comparative statement furnished by the project proponent was not justified for the expansion activity. Mainly the proponent has to clearly clarify for the water requirement, sewage generation, solid waste generation, STP design details etc.
5. The storm water plan shall be furnished considering the project site and surrounding the project area with a detail layout plan showing the storm

water line inside the premises and point of jointing the palar river located at a distances of 170 m.

6. The proponent may explore the possibilities of shifting the office rooms for employees from the basement to the above the ground for free of ventilation. In this connection, the proponent has to furnish the detail report on the same.
7. The project proponent shall furnish the DGPS co-ordinates for the boundaries of the proposed project site
8. The rain water harvesting calculation should be revised as per the Central Ground Water Board (CGWB) guidelines. The proponent shall mention the number of rain water harvesting pits and sump proposed to provide with dimensions.
9. Furnish the detail of solar energy utilization.
10. ETP and STP design details shall be furnished.
11. Details of model for EMP adopted.
12. During presentation it was informed that the 2 canals were passing the project site. Hence, the proponent is requested to furnish the necessary permission and recommendation from the competent authority for the same and the same shall be furnished to SEIAA.
13. Detail of proposed Air pollution control measures, waste water quality, water quality shall be furnished.
14. Proposal for disinfection process in the inlet and outlet of the ETP to ensure the discharge of pathogen free treated effluent.
15. The proponent has to earmark the greenbelt entire area with dimension and GPS coordinates for the green belt area on the periphery of the site and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. An undertaking regarding the same shall be furnished in the form of affidavit.
16. For CER: The project proponent shall submit the proposal for CER fund of Rs. 177 Lakhs (1% of the project cost) as agreed in the meeting as per MOEF & CC OM dated: 01.05.2018 shall be furnished.

The project proponent was requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No.1 to 16) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of Multi Specialty Hospital and Research Institute Building by M/s. SANCO Foundation, at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District, by the sub-committee constituted by the SEAC. Based on the inspection report and the data required as per S.NO.1 to 16 stated above, SEAC would further deliberate on this project and decide the further course of action.

The proponent has submitted the aforesaid details on 02.05.2019.

As per the order Lr.No.SEAC-TN/F.No.6724/2019 dated: 07.05.2019 of the Chairman, SEAC, a Technical Team was constituted to inspect and study the field conditions for the Proposal Seeking Environmental Clearance for the expansion of Multi Specialty Hospital and Research Institute Building at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District. The date of the Inspection was 11.05.2019 (Saturday).

The Technical Team held discussions with the project proponent regarding the Proposal Seeking Environmental Clearance for the expansion of Multi Specialty Hospital and Research Institute Building at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District.

1. The committee has inspected the project site, during the inspection, the committee was observed that the following points:

- i) Environment clearance was already accorded by the SEIAA vide Letter dated 26.10.2016 for M/s. Pearl Human Care Private Limited which comprises of 1 Block (Basement Floor - 1, Basement Floor - 2, Basement Floor - 3,

Ground floor + Seven Floors) and Gas Manifold Room with a total built-up area of 37,685 Sq.m in a plot area of 11,623 Sq.m. it was noticed during the inspection that the project has completed construction of 2 Basement Floors against 3 basement already accorded in the EC, Ground floor + Seven Floors. The construction materials are stored here and there inside the project site.

- ii) It was noticed that two water channels namely sempakkam kasakalvai passing through the site as per the FMB sketch submitted by the proponent. Further during discussion the proponent has informed that they have obtained NoC from PWD for construction of culvert on the two channels (within the site) and the same shall be maintained by the proponent. It was noticed that the culvert has been constructed on the two channels. Further, there is no upstream or downstream connectivity to the channels in respect of the site and presently these channels are not connected to any catchment/command area.
- iii) The shifting of office room from basement floor to 11th floors: The proponent has informed that office space which is proposed earlier in the basement floor will be shifted and accommodated on the 11th floor and the same plan has been submitted to DTCP for getting plan approval for the expansion proposal. The Copy of floor wise plan submitted to DTCP (Enclosed).
- iv) For lint collection and exhaust system for the laundry: It was informed by the proponent that the exhaust system duct outlet will be terminated at the terrace level for dispersion of the lint that escapes the filter system. Adequate blower system would be provided to overcome the pressure drop due to the terrace level exhaust.

- v) For storm water drain: External storm water drain is constructed by the project proponent at the entry of the southern direction of the project site in which the land belongs to National Highways Authority of India. For this the proponent has obtained.
- vi) Clarification for increasing floors without changing the number of beds:

The following was informed by the proponent for the increasing in floors without changing the number of beds, for this the proponent has detailed the floor wise activities of each floor:

Floors	Activities
Basement Floor - 2	Central Sterile Services Department (CSSD), Store room and Air Handling Unit (AHU) rooms.
Basement Floor - 1	Car Parking, Pharmacy store, Post Mortem room, Mortuary, AHU rooms
Ground Floor	MRI Scan, CT Scan, X-Ray, Emergency, Blood Bank, AHU room, UPS room, Induction room, Ultra sonography, digital Mammography, Reporting room
First Floor	Outpatient Department: HOD rooms, Examination rooms, Tele medicine conference room, ECG, EMG room, Restaurant, VIP waiting area and AHU Room.
Second Floor	ICU's, Post Angeo, Doctors Lounge, Cath Lab, Pre angeo rooms, Counseling rooms, Teaching rooms, Doctors, Nurses, Technicians & Change rooms, Stores. Patient's relatives waiting area.
Third Floor	OPD, Recovery area, Operation Theaters, Procedure room, pre post room, Changing room, Dialysis rooms, Nurse station, Doctors Cafeteria, AHU Rooms, Department of dermatology,

	Day Care rooms, Counseling rooms, Bronchoscopy rooms
Fourth Floor	Operation Theaters, Hybrid Cath Lab, ICU wards, Doctors Lounge, Doctors, Nurses & Technicians change rooms, Counseling rooms, Pre OP beds, Post OP beds. Equipment room, UPS room, Pantry, Doctors duty room, Induction room
Fifth Floor (Service Floor)	Air Handling Units (AHU) rooms for operation theaters, Neumatic pump with blower rooms, Water heaters, Heat pumps of Laundry.
Sixth Floor	Presidential suits and single rooms, Refuge area, Nurse station Pantry,
Seventh Floor	Operation theaters, delivery labor delivery rooms, Labor wards, recovery room, wards, Delivery suits, Doctors Lounge, Teaching room, Staff Lounge, Pantry, Change rooms for Doctors, Nurses and Technicians. Consultation rooms, Embryology lab, Andrology lab, AHU rooms, Waiting area, store, feeding room, Formula room and IVF Departments, Floor Manger Room
Eighth Floor	Single deluxe rooms, Nurse station, AHU room, Floor Manger Room
Ninth Floor	Twin sharing rooms, General Wards. Nurse station, AHU rooms, Store, Floor Manger Room, Dining area, Equipment room
Tenth Floor	Research Labs, Refuge area, Lecture halls, Post graduates room, AHU rooms, Professors room, Associate professors room, Lecturer rooms, Bacteriology lab, Biochemistry lab, Immunoassay Lab, molecular biology, Pathology lab, Virology lab.
Eleventh floor	Chairman room, Executive Director room, Directors rooms, Discussion rooms, Waiting area, Pantry, Office Area,

	Conference rooms, Reception, Information Technology rooms, Gym, Clinic therapy, AHU room, Administrative Office area
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It was informed that there is no change in the bed as per the existing EC. Since, addition of the floors involves labs, rooms lecture halls etc as stated above.

The following additional details were also asked from the proponent:

- a. DTCP approved site plan of the existing construction.
- b. Copy of floor wise plan submitted to DTCP.
- c. Details of upstream and downstream of two channels.
- d. Commitment letter from SANCO for shifting office room from basement floor to 11th floors.
- e. Details for lint collection and exhaust system for the laundry.
- f. Storm water plan showing disposal point (nearby channel).
- g. Permission obtained from Highways department for construction of storm water drain along the highway for the length of 172 m.
- h. Clarification for increasing floors without changing the number of beds.
- i. Revised calculation for bio medical waste generation and mode of disposal.
- j. Method of disposal for ETP & STP sludge and Storage area (in Sq.m) for storage of solid waste & bio medical waste
- k. DTCP rule stating that retaining OSR area by the proponent.
- l. The structural stability for the proposed expansion project from the reputed government institution like Anna University, IIT, NIT, etc shall be furnished.
- m. Details of the ETP system and List of places where similar technologies are adopted for hospitals for treatment of effluent shall be provided. Combined drawing showing the ETP & STP shall be furnished.
- n. Details of the construction works completed at the site so far and date of construction stopped.

In response to the Team's instructions, the proponent was directed to submit a report detailing the proposals to SEAC on 16.05.2019. Accordingly the proponent submitted the report on 14.05.2019.

The Sub-committee recommends to SEAC for the proposal seeking Environment Clearances for the expansion of Multi Specialty Hospital and Research Institute Building at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District subject to following condition:

1. The project proponent shall strictly follow the NOC issued by the Water Resources Department on construction of two culverts and maintenance of two channels vide in their Lr.No.VA/K.180 NOC/48M/2016/Dated: 11.02.2016.
2. Office space which is planned earlier in the basement floor shall be shifted and accommodated on the 11th floor as per the plan submitted and the same shall be included in the layout plan to be submitted for DTCP approval.
3. Storm water management plan around the site and onsite shall be established by the following the guideline laid down by the storm water Manuel. The report shall be vetted by the competent Authority before applying CTO from TNPCB.
4. Necessary agreement shall be made with TNPCB authorized Bio Medical Waste Facilitator as committed for disposal biomedical waste before operation of the project
5. Exhaust system duct outlet shall be terminated at the terrace level for dispersion of the lint that escapes from the filter system as committed. Adequate blower system shall be provided to overcome the pressure drop due to the terrace level exhaust.
6. The project proponent shall strictly follow the MoU made with Highways Department and the Ministry of Road Transport (MoRT) for maintaining the drains.
7. The purpose of Green belt around buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants

species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University.

8. Details of E- Waste management plan shall be prepared as per E-waste management Rules, 2016 and same shall be furnished before placing the subject to SEIAA.
9. The height of the stack of DG sets shall be provided as per the CPCB norms.
10. Solar energy should be at least 10% of total energy utilization. Further the proponent shall use solar panels for all the street lights proposed inside the premises as committed.
11. 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 wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University.

The inspection report of the subcommittee was placed in the 130th SEAC meeting held on 11.06.2019. After perusal of the inspection report, the SEAC accepted the recommendation of the subcommittee and decided to recommend the proposal for the expansion of Multi Specialty Hospital and Research Institute Building by M/s. SANCO Foundation at North Vellore No. 9, Ward No.1, Block No. 3, T.S. No. 27, 28, 29, 30, 31, 39, 40, 72/1B2 and 72/1B3B at North Vellore Town, Vellore Taluk, Vellore District to SEIAA for grant of Environment Clearance subject to the conditions imposed by the sub - committee in addition to the following conditions:

1. Two water channels namely sempakkam kasakalvai passing through the site as per the FMB sketch. These two channels should be restored and maintained by the project proponent within the project premises.

2. The CER proposal for 1 % of the project cost (Total project cost Rs. 177 Crores) as accepted during presentation should be submitted as per the office memorandum of MoEF&CC dated 01.05.2018.

Agenda No. 130-TA- 02:

(File No. 6794/2019)

Proposed for Rough stone and Gravel over an extent of 3.05.0 Ha comprising S.F.Nos: 11/5, 11/16, 11/17, 11/21, 11/22, 11/23, 11/25, 12/3, 12/4, 12/19,12/20, 19/1, 19/2, 19/3, 19/4, 19/11, 19/12, 19/16 & 19/17 of Perunjunai Village, Illuppur Taluk and Pudukkottai Tamil Nadu by Thiru. R. Chinnathambi– for Environment Clearance.

(SIA/TN/MIN/35878/2019) dated: 29.04.2019

The proposal was placed in the 129th SEAC Meeting held on 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. Government order/ Lease details:

The Quarry lease was applied in the name of Thiru. R. Chinnathambi, Pudukkottai District, Precise Area Communication letter was issued by the District Collector, Pudukkottai District vide R. C. No. 314/2018 (G&M) Dated: 22.12.2018 for a period of Five years. It is a Fresh lease for Rough stone and Gravel over an extent of 3.05.0 Ha comprising S.F.Nos: 11/5, 11/16, 11/17, 11/21, 11/22, 11/23, 11/25, 12/3, 12/4, 12/19,12/20, 19/1, 19/2, 19/3, 19/4, 19/11, 19/12, 19/16 & 19/17 of Perunjunai Village, Illuppur Taluk and Pudukkottai District.

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Assistant Director, Department of Geology and Mining, Pudukkottai District vide Rc. No.314/2018 (G&M) Dated: 04.03.2019.

3. As per the Department of Geology and Mining, Pudukkottai District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 1,61,963m³ and Gravel