

**MINUTES OF THE 20<sup>TH</sup> MEETING OF  
THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)  
CONVENED ON 26.09.2016 AND 27.09.2016 AT 10.30 A.M. IN  
THE CONFERENCE HALL, PHB BUILDING, PUDUCHERRY**

The list of members attended is enclosed as Annexure - I.

**Agenda Item No.1: Confirmation of the Minutes of the 19<sup>th</sup> meeting of the SEAC convened on 30.05.2016 and 31.05.2016.**

The Committee confirmed the minutes of the previous meeting.

**Agenda Item No. 2: Examination of Project proposals under the provisions of the EIA Notification, 2006 and its subsequent amendments for onward appraisal to the SEIAA for further examination to consider issue of Prior Environmental Clearance (PEC):**

**1. M/s. Manjula Pulverizing** seeking Environmental Clearance for Establishing 50 TPA Standalone Cement Unit by Clinker Grinding at R.S. Nos. 41/6 and 41/5B, Sedarapet Industrial Estate, Villianur Commune Panchayat, Puducherry.

The committee discussed the proposal in detail with the project proponent on 26.09.2016. The committee also inspected the proposed site on the same day.

The following were present on behalf of the project proponent and made a presentation on the salient features of the project:

- i) Thiru. N. Sekar, Manager, Manjula Pulverizing, Puducherry.
- ii) Thiru. Janardhanan, Marketing, Manjula Pulverizing, Puducherry.
- iii) Thiru. S. Vijayan, Chemist, Manjula Pulverizing, Puducherry.
- iv) Dr. V. Nehru Kumar, Director, Centre for Environment, Health & Safety, Annamalai University, Chidambaram (Environment Consultant).

The project involves establishment of standalone clinker grinding unit of 50 TPD Capacity. The unit is proposed in identified industrial area. Total land area is 2049.50 Sq.mts. The process involves procurement of Clinker from cement industries and grinding and packing only. It is proposed to install three raw material storage silos for clinker, fly ash and gypsum, one ball-mill of 50 TPD, weigh mixture, rotary packer and cement silos. The water requirement is 3000 LPD for industrial use (dust suppression, cleaning) and 1000 LPD for domestic use and 1000 LPD for green belt. The water is proposed to be drawn from existing borewell located in the site. There is no effluent generation. The domestic waste water will be discharged through septic tank and soak pit of adequate size. There is no solid or hazardous waste generation. The machineries will be provided with in-built air pollution control equipments for dust control. The total project cost is about 3 crores. Total Power Requirement is 100 HP which will be sourced from Puducherry Electricity Department.

The project proponent stated that more than 90% of the raw material transported will be through railways. The finished product will be sold in the local market. Hence as per the Ministry of Environment and Forests O.M dated 24.12.2013, the proposal falls under category B2. Further the project proponent stated that in the Environment Clearance dated, 10.05.2013, issued to similar proposal of M/s. Top Tech Cement Co., Pvt. Ltd., for



establishing 100 TPD clinker grinding unit, Ministry has exempted the proposal from public hearing by categorizing in B2 category.

The committee noted that this is a micro enterprises industry carrying out only clinker grinding activity. The water and solid waste pollution potential is very low. There is no point source of air emission. The fugitive dust emission will be highly localized within the industry shed and there will not be any impact in the surrounding environment. The Project is proposed in existing industrial shed in identified industrial area.

The committee noted that the project site is within 5 kms of Ousteri Bird Sanctuary which is a notified wild life protected area. However, this was not mentioned in the Form – I. The committee also noted that though the project proponent stated that more than 90% of the raw material transported will be through railways, this is not clearly mentioned in their Form – I or other reports. The project proponent has to submit a legal undertaking in this regard. Further, the address of the unit is mentioned as ‘Sedarapet Industrial Estate’. The project proponent has to submit the Plot allocation order of PIPDIC if the land is within the PIPDIC Industrial Estate.

The Committee noted that all stand alone cement grinding units are covered under Category ‘B’ as per para 3(b) of the Schedule of the EIA notification 2006 and needs to be appraised by the SEIAA/SEAC concerned. As per the general condition of the EIA Notification 2006, any project or activity specified in Category ‘B’ will be treated as Category A, if they are located in whole or in part within 5 km from the boundary of Protected Areas notified under the Wild Life (Protection) Act, 1972 and notified Eco-sensitive areas as notified under section 3 of the Environment (Protection) Act, 1986. The present proposal under consideration is covered under Category ‘B’ as per para 3(b) of the Schedule of the EIA notification 2006. However, since the project site is located within 5 Km radius of Oussudu Bird Sanctuary, the project has to be treated as category ‘A’ project due to applicability of general condition of the EIA notification, 2006 and appraised at Central level.

Also, as per OM No. F.No. J-II013/41/2006-IA.II(I) (Part) dated 30 March, 2015 issued by Ministry of Environment, Forests & Climate Change, GOI, the project proponent shall obtain clearance from the Standing Committee of National Board for Wild Life as the project is located within 5 Km radius of Oussudu Bird Sanctuary. The details of application made in this connection needs to be submitted along with the Environmental Clearance application.

After detailed deliberations, the Committee resolved that SEIAA may return the proposal to the Project Proponent with instructions to obtain Environmental Clearance from MoEF&CC and Wild Life Clearance from NBWL after rectifying the above discrepancies mentioned above in the proposal.

**2. M/s. Sri Manakula Vinayaga Educational Trust** seeking Environmental Clearance for proposed construction of Super Specialty Hospital in their existing Medical College Campus at Kalitheerthalkuppam Revenue Village, Mannadipet Commune Panchayat, Puducherry.

The committee discussed the proposal in detail with the project proponent on 26.09.2016. The committee also inspected the proposed site on the 27.09.2016.

MINUTES OF THE 20<sup>TH</sup> MEETING OF SEAC HELD ON 26.09.2016 AND 27.09.2016

The following were present on behalf of the project proponent and made a presentation on the salient features of the project:

- i) Thiru. P. Sivapooshanam, Project Manager, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry.
- ii) Thiru S. Soupramanian, Assistant Manager, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry.
- iii) Thiru. N. Maheshbabu, Maintenance Engineer, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry.
- iv) Dr. M.R. Thirunavukarasu, Assistant Professor, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry.
- v) Thiru R. Naresh, Supervisor Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry.
- vi) Thiru. A. Dhamodharan, EIA Coordinator, Eco Tech Labs Pvt. Ltd., Chennai.

The project involves construction of super specialty hospital building with 680 beds in addition to the 900 bedded hospitals in the existing campus of Sri Manakula Vinayaga Educational Trust. The existing built-up area of hospital buildings is 38322.71 Sq.mts. and additional built-up area proposed is 42567.8 Sq.mts. The project details are stated below in brief:

Total Land Area	165980 Sq. mts.
Built up area of Hospital Component	Existing – 38322.71 Sq. mts. Proposed – 42567.8 Sq. mts. Total – 80890.51 Sq. mts.
Built up area of Non-Hospital Component	Existing – 91351.74 Sq. mts. Proposed – 37759.47 Sq. mts. Total – 129111.21 Sq. mts.
Green Belt	49817 Sq. mts. (30%)
Power requirement	Present use – 1200 KVA & Further need – 400 KVA
Source of power	Puducherry Electricity Department
Power backup	Existing: 1 x 500 KVA and 1 x 725 KVA DG Set. Proposed: Existing 1 x 500 KVA will be replaced with 1 x 725 KVA DG. Thus there will be 2 Nos of D.G Sets of capacity 725 KVA each.
Water requirement	Existing: 925 KLD. Additional Proposed: 494 KLD
Water Source	Ground Water – 750 KLD authorized by Puducherry Ground Water Authority. Balance to be met from treated waste water.
No of beds Existing & Proposed	Existing – 900 & Proposed – 680, Total - 1580
Waste Water Generation	Existing : 740 KLD Proposed additional : 394 KLD Existing STP capacity :1000 KLD Proposed STP capacity: 150 KLD Effluent generation of 35 KLD will be treated separately in 40 KLD ETP proposed. Treated water will be recycled for HVAC system.

Air Emissions	Emissions from DG Sets.
Solid Waste	Total Solid Waste generation is 990 Kgs/Day. Out of this Organic Waste 600 Kgs./day to be treated in Organic Waste Converter within the project site. Inorganic Waste to be segregated and sold to recyclers. STP Sludge – 250 Kgs./day to be used as manure for green belt development.
Bio-Medical Waste	997 Kgs./day - disposed to M/s. Pondicherry Solid Waste Company Limited, Thuthipet, Puducherry following Bio Medical Waste Management Rules, 2016.

The committee reviewed the compliance status of the Trust to the previous Environmental Clearance granted on 04.03.2015 for construction of additional institutional buildings in the Medical College Campus. The members observed that the project proponent has not mentioned any time frame for implementation of Solar Lighting Projects in their compliance report. The Project Proponent informed that the additional buildings for which EC was granted earlier are still under construction and solar lighting will be done by the time of completion of the building constructions. The members also observed that the Bio-medical waste storage facility has to be provided as per the norms mentioned in the Bio-Medical Waste Management Rules, 2016. After detailed deliberations, the Committee resolved that the proposal shall be recommended to SEIAA for issue of Environmental Clearance with following specific conditions along with other general conditions:


- i) The total water requirement shall not exceed 1419 KLD.
- ii) The Bio medical liquid waste generation shall not exceed 40 KLD and shall be treated in separate ETP. The domestic waste water generation shall not exceed 1134 KLD and it shall be treated in the STP of capacity 1000 KLD (existing) and 150 KLD (proposed).
- iii) Treated sewage shall be recycled / reused for cooling make up water, flushing and horticulture within building premises. 'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises.
- iv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards.
- v) Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- vi) The project proponent shall take all necessary steps to ensure that bio-medical waste (997 Kgs./day) is handled without any adverse effect to human health and the environment and in accordance with the Bio-Medical Waste Management Rules, 2016 and shall be safely handed over to Puducherry Pollution Control Committee authorized Bio Medical Waste disposal facility for final disposal.
- vii) The project proponent shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the Bio-Medical Wastes Management Rules, 2016 to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I of the said rules.

- viii) A Committee shall be constituted with Medical Superintendent as Head to monitor the effective implementation of Bio-medical Waste Rules and proper training shall be given to all the staff involved and records to be maintained.
- ix) Solid Waste shall be managed as per guidelines of Municipal Solid Waste (Management & Handling) Rules.
- x) Organic waste shall be treated in Organic Waste Converter/Biogas plant and the gas generated shall be used as fuel for cooking.
- xi) Continuous Online Effluent Monitoring System shall be installed for all the parameters including flow mentioned in the Water consent issued by the PPCC and data shall be provided to PPCC and CPCB through cloud based web portal technology.
- xii) The project proponent shall take time bound action to install solar lighting for common areas and street lights in the existing buildings immediately and also for proposed new building.


**Agenda Item No. 3: Any other item with the permission of the Chairman – Nil.**

The meeting ended with vote of thanks to the chair.

  
Dr. S. Govindaradjane  
(Member)

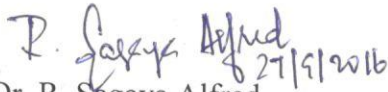
  
Dr. S. Ram Kumar  
(Member)

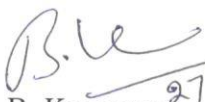
  
Dr. A. Yoganmoorthi  
(Member)

  
27/09/16  
Dr. K.M. Gopinathan  
(Member)

  
27/09/2016  
Dr. K. Sambandan  
(Member)

  
Dr. P. Kavita Vasudevan  
(Member)

  
27/9/2016  
Dr. R. Sagaya Alfred  
(Secretary)

  
27/9/16  
Dr. B. Kumaran  
(Chairman)

**ANNEXURE - I**

Sl. No. Name and Designation of the Members Present

Tvl.

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|----|--|---|-----------|
| 1. | Dr. B. Kumaran, Principal<br>Indira Gandhi College of Arts and Science<br>Kathirkamam, Puducherry – 605 009.   | - | Chairman  |
| 2. | Dr. S. Govindaradjane, Professor<br>Department of Civil Engineering<br>Pondicherry Engineering College<br>Puducherry – 605 014.  | - | Member    |
| 3. | Dr. S. Ram Kumar, Professor<br>Department of Veterinary and Animal Husbandry Extension<br>Rajiv Gandhi Institute of Veterinary Education and Research<br>Kurumbapet, Puducherry – 605 009. | - | Member    |
| 4. | Dr. A. Yogamoorthi, Associate Professor<br>Department of Ecology and Environment Science<br>Pondicherry University<br>Puducherry – 605 014.  | - | Member    |
| 5. | Dr. K.M. Gopinathan, Associate Professor<br>Department of Zoology<br>Mahatma Gandhi Government Arts College<br>New Mahe – 673 311.   | - | Member    |
| 6. | Dr. K. Sambandan, Assistant Professor<br>Department of Plant Science<br>Avvaiyar Government College for Women<br>Karaikal – 609 602.   | - | Member    |
| 7. | Dr. P. Kavita Vasudevan, Professor and Head<br>Department of Community Medicine<br>Indira Gandhi Medical College and Research Institute<br>Kathirkamam, Puducherry – 605 009.              | - | Member    |
| 8. | Dr. R. Sagaya Alfred<br>Senior Scientific Officer<br>Department of Science, Technology and Environment<br>3 <sup>rd</sup> Floor, PHB Building, Anna Nagar<br>Puducherry – 605 005.         | - | Secretary |