

**MINUTES OF THE 28<sup>th</sup> MEETING OF  
THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)  
CONVENED ON 15.09.2021 AT 10.30 A.M.**

The 28<sup>th</sup> meeting of SEAC was organized through video conference at the Department of Science, Technology and Environment, Anna Nagar, Puducherry under the Chairmanship of Dr. B. Kumaran. The list of members attended is enclosed as Annexure – I.

**Agenda Item No. 1: Confirmation of the Minutes of the 27<sup>th</sup> Meeting of SEAC convened on 08.07.2021.**

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 SEIAA for further examination to consider issue of Environmental Clearance (EC) and Terms of Reference (TOR):**

**1. Proposal for Environmental Clearance (EC) submitted by M/s. Aarupadai Veedu Medical College and Hospital, Puducherry for proposed additional construction of eight storeyed building.**

The committee discussed the proposal in detail with the project proponent. The following were present on behalf of the project proponent and made a presentation on the salient features of the project:

- i) Thiru. L. Perumal, Deputy Registrar, M/s. Aarupadai Veedu Medical College and Hospital, Puducherry.
- ii) Thiru. S. Nandha Kumar, Maintenance Engineer, M/s. Aarupadai Veedu Medical College and Hospital, Puducherry.
- iii) Dr. J.R. Moses, CEO, M/s. Hubert Enviro Care Systems (P) Ltd., Chennai.
- iv) Dr. Rajakumar Samuel, Director, M/s. Hubert Enviro Care Systems (P) Ltd., Chennai.
- v) Thiru. N. Vamsee Krishna, Consultancy Head, M/s. Hubert Enviro Care Systems (P) Ltd., Chennai.
- vi) Ms. Ramaa Prakash, Consultancy Manager, M/s. Hubert Enviro Care Systems (P) Ltd., Chennai.

After the project presentation, the SEAC Chairman along with a team of SEAC members visited the project site. Based on the presentation and discussion, the following observations were made:

Project details in brief:

Name of the Project	Additional construction of eight storeyed building by M/s. Aarupadai Veedu Medical College and Hospital, Puducherry.
Project Location	R.S. No. 1/6, 1/8, 2/2, 2/3, 2/4, 3/2A, 3/2B, 3/3A, 3/3B, 4/1, 4/2, 6/1, 6/2, 10/2, 10/3, 10/3A, 10/3A/1, 10/3A/2, 10/3A/3, 10/3B, 10/3C, 11/1, 11/2, 11/3, 11/4, 12/1B, 12/2, 12/3, 12/5, Puducherry to



Cuddalore Main Road, Kirumampakkam Revenue Village, Bahour Taluk, Puducherry District, Puducherry.			
Particulars	Existing	Proposed	After Expansion
Total Site Area	1,64,181.0 Sq. m (40.57 Acres)	Nil	1,64,181.0 Sq. m (40.57 Acres)
No of Beds	550	200	750
Plot coverage	43931.8 Sq. m	2167.84 Sq. m	46099.64 Sq. m
No. of Buildings	73	1	74
Total built-up Area	87,714.48 Sq. m	17,342.72 Sq. m	1,05,057.20 Sq. m
Green belt Area	24,200 Sq. m	Nil	24,200 Sq. m
Power requirement	1000 KVA	1600 KVA	2600 KVA
Total Water requirement	808 KLD	245 KLD	1053 KLD
Fresh water requirement	386 KLD	127 KLD	513 KLD
Recycled water	422 KLD	118 KLD	540 KLD
Fresh Water source	Ground water	Ground water	Ground water
Power backup	1 x 500 KVA 1 x 250 kVA	2 x 750 KVA	1 x 500 KVA 1 x 250 kVA 2 x 750 KVA
Wastewater generation	422 KLD	118 KLD	540 KLD
Estimated population	4096	600	4696 Nos.
Project cost	89 Crores	50 Crores	139 Crores

SEAC observed that the breakup for total built-up area of hospital buildings and institutional buildings is not clearly mentioned in their EIA report and presentation and this needs to be rectified.

SEAC noted that the existing Sewage Treatment Plant is proposed to be used for additional waste water generated from expansion activity also. During inspection, it was observed that the capacity of the existing STP is 500 KLD but, in the EIA report it is mentioned as 600 KLD. The old 100 KLD STP is defunct and not in use. The adequacy of existing STP need to be properly studied and explained in the EIA. Quantity and quality of different streams of waste water generated and their treatment scheme need to be provided. The liquid wastes identified under bio-medical waste rules need to be pre-treated before discharging into combined wastewater. The EMP shall give details of proper design of waste water plant required and action to be taken.

The existing green belt in the project area is stated to be about 15% of the total area. No additional green belt has been proposed for the project site. From the EIA report, it is evident that the project site is already not meeting the noise standard. Hence, SEAC members advised the project proponent to increase the Green Belt cover to 33% of the project area. The green belt shall be designed along the periphery of the plot so as to achieve attenuation factor conforming to the day and night noise standards prescribed for silence zone by MoEFCC. The open spaces inside the project area should be suitably landscaped and covered with vegetation of indigenous variety. The parking area shall also be suitably covered with green belt to attenuate noise and air pollution. Green belt shall be developed with tall growing indigenous trees to the maximum extent instead of lawns and ornamental trees. SEAC advised the project proponent to submit revised layout drawing and plan for green belt development.

SEAC pointed out that the Faunal diversity data have been taken from IUCN 2011 data. IUCN is updating the data for every year. The consultant should use the latest data in the EIA Report.


Details related to assessment of ecological damage, remediation plan and natural and community resource augmentation plan stated during the presentation were totally different from the one that was given in the EIA Report. The consultant shall relook into it and revise the EIA report based on the procedure laid down in the Ministry of Environment, Forest and Climate Change Notification vide S.O. 804(E) dated 14.03.2017 and S.O. 1030(E) dated 08.03.2018. The EMP prepared for implementation shall comprise of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.


Further the SEAC pointed out several mistakes, factual errors and formatting errors in the EIA report that are as follows:

1. The Letter of Authorization is not in proper format.
2. Some annexures mentioned in the report are missing and some are not properly named / numbered.
3. Under para 10.6, CSR activities has been discussed and it is stated that details are given in Annexure -16. No such annexure is present in the report. Further, the consultant should check whether CSR is applicable to the project in the first instance.
4. For CER, the clarification issued by MoEFCC vide OM dated 25.02.2021 shall be looked into.

5. Water requirement for firefighting is mentioned as 100 KLD which is only one time requirement. Hence, water balance and relevant tables shall be appropriately modified.
6. Copy of the approval obtained from Puducherry Ground Water Authority or copy of application submitted to them seeking approval for drawal of additional ground water shall be furnished.
7. The data given are inconsistent. Project cost is mentioned as 50 Crores in some places and 56 Crores in some places. Similarly, the organic waste is said to be disposed through Organic Waste Converter in one place and said to be disposed through local bodies in another place in the same report.
8. In the place of table titles, a standard errors message has been printed for several tables.
9. Sentences are incomplete in several places.

Hence, SEAC after due deliberation decided to defer the proposal and directed the project proponent to submit the revised EIA report for further consideration. The project proponent shall not carry out any further construction activity until the Environmental Clearance is obtained.

  
Dr. R. Sagaya Alfred  
(Secretary)

  
Dr. B. Kumaran  
(Chairman)

## ANNEXURE - I

Sl. No.	Name and Designation of the Members Present		
	<u>Tvl.</u>		
1.	Dr. B. Kumaran, Principal (Retd.), Indira Gandhi College of Arts and Science, Kathirkamam, Puducherry – 605 009.	-	Chairman
2.	Dr. A. Yogamoorthi, Associate Professor, Professor (Retd.), 6, Second Cross, Aravindar Nagar, Reddiarpalayam, Puducherry – 605010.	-	Member
3.	Dr. K.M. Gopinathan, Associate Professor, Department of Zoology, Mahatma Gandhi Government Arts College, New Mahe – 673 311.	-	Member (Through VC)
4.	Dr. K. Sambandan, Assistant Professor, Department of Botany, Arignar Anna Government Arts and Science College, Karaikal – 609 605.	-	Member
5.	Dr. P. Kavita Vasudevan, Professor, Department of Community Medicine, Indira Gandhi Medical College and Research Institute, Kathirkamam, Puducherry – 605 009.	-	Member
6.	Mrs. S. Usha, Assistant Professor, Dept. of Chemical Engineering. Pondicherry Engineering College, Puducherry – 605 014.	-	Member (Through VC)
7.	Dr. R. Sagaya Alfred, Senior Scientific Officer, Department of Science, Technology and Environment, 3 <sup>rd</sup> Floor, PHB Building, Anna Nagar, Puducherry – 605 005.	-	Secretary

