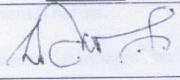
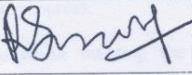
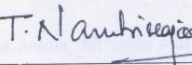
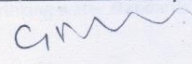
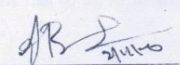
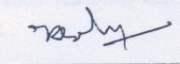


DSTE – SEAC - Minutes of the 10th meeting of the SEAC held at 10.A.M on 2.12.2010

in the Conference hall of Commercial Tax Department, Puducherry.

Members Present:

<u>Sl.No:</u>	<u>Name</u>	<u>Designation</u>	<u>Signature</u>
1.	Dr.M.P.Ramanujam	Chairman	
2.	Dr.R.Saravanan	Member	
3.	Dr.T. Nambirajan	Member	
4.	Dr. G. Poyyamoli	Member	
5.	Dr. A. Baskar	Member	
6.	Dr. K. Sundaravadivelu	Secretary	

The following agenda items were discussed and decisions are as follows:

Agenda item No. 1

1 Confirmation of the minutes of the last meeting held on 26.11.2010.

The minutes of the previous meeting of SEAC held on 26.11.2010 are confirmed.

Agenda item No. 2

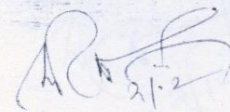
Consideration of the following projects:

2.1 Construction of four blocks multi-storeyed residential complex (HAC Circle) at R.S.No. 31/9A, No.12, Pondy- Cuddalore Road, Ariyankuppam Revenue Village, Ariyankuppam Commune Panchayat by M/s Sreenivas Buildtech (P) Ltd, Puducherry.

The Committee examined the proposal submitted by the applicant in its meeting held on 21.9.2010 and instructed them to revise the Form I and IA incorporating additional information required for further consideration. The resubmitted FORMs I and IA along with the relevant documents by the applicant vide letters dated 23.11.2010 and 01.12.2010 were examined by the Committee in detail.

Thiru R. Baskaran, Deputy General Manager, presented the proposal and clarified the points raised by the Committee. The Committee visited the site and after detailed deliberations resolved to




21.2

recommend the proposal to SEIAA for issue of Environmental Clearance subject to following conditions:

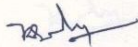
- i. Detailed quantification of rain water harvested and extent of recharge and replenishment should be made and monitored continuously.
- ii. Solid waste management should be effected by household segregation of waste into bio degradable and non- biodegradable types and disposed following environmental norms.
- iii. Treated secondary sewage has to be analysed for sewage disposal standards and appropriate water balance is to be assessed for efficient management of water resources.
- iv. The secondary sewage sludge has to be assessed for effective reuse meeting the environmental norms.
- v. Potable water treatment has to be provided through combination of media filtration and membrane application (Reverse Osmosis or Nano filtration) so as to meet drinking water standards as per IS 10500- 2003.
- vi. The Secondary residue or sludge through water treatment operations has to be separately treated confirming to the norms of disposal standards as per IS specifications.
- vii. Environmental Management plan should include energy conservation (adopting ECBC), sustainable resource use and recovery and efficient solid waste management.
- viii. The terrace should be coated with thermal and water resistant proofing material to avoid seepage and internal heat transmission.
- ix. The total water requirement shall not exceed 150 KLD and should be met with the approval of the competent authority only.
- x. The applicant shall remit one time processing fee to be prescribed by the SEIAA in course of time.

Agenda Item No.2.2

Proposed Integrated Municipal solid waste Scientific processing and land fill facility at

Kurumbapet, Puducherry by Puducherry Municipal services private Limited

The proposal was presented by Thiru Prasanth, General Manager and Thiru. R.K. Jayaseelan, Consultant. The proponents have stated in their application that their proposal belongs to the category B. However, during the site inspection the committee found that the Ousuteri lake is about 2 KM north west of the proposed site, a fact not mentioned by the applicant. As the Ousuteri Lake is learnt to have been declared as a protected area notified under the Wild Life (Protection) Act, 1972. As such, the proposal attracts the general conditions of EIA notification 2006 and its subsequent amendments and should be treated as Category A project.



ANNEXURE

TERMS OF REFERENCE**DSTE – SEAC - Proposed Integrated Municipal solid waste scientific processing and land fill facility at Kurumbapet, Puducherry by Puducherry Municipal Services Private Limited**

- I The EIA and EMP studies shall be carried out in strict compliance of the Municipal Solid Wastes (Management and Handling) Rules 2000 notified by the MoEF, New Delhi on 25.9.2000.
- II. The EIA and EMP studies shall be done by an accredited agency as per the guidelines of the MoEF, New Delhi.

III Modifications and corrections prescribed for FORM 1

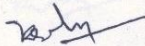

All the details have to be furnished as per representative sampling and characterization of solid wastes from the proposed project area.

Basic Information:

3. Latitude and longitude of the location has to be provided.
6. **Category A or B:** Details of the presence or absence of areas coming under General Conditions not provided.
8. General condition applied if ecologically sensitive / protected areas are nearby.
21. Verify the status of Osudu lake area.

II Activity

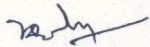
- 1.1.1 Details of land cover and topography are to be quantified and provided.
- 1.1.2 The detailed quantity-wise creation of new land uses have to be furnished as per representative sampling and characterization of solid wastes as applicable to the chosen area and field conditions there in.
- 1.8 Details have to be furnished according to the actual quantity of solid waste to be processed.
- 1.13 Details on product and manufacturing process should be quantified and furnished as per the actual quantity of solid waste processing and characterization and the details of the chosen methods to be justified complying with MoEF norms.
- 1.14 The details are to be projected with quantifications.

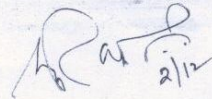



- 1.15 The details on treatment and chosen methods of facilities have to be provided with actual characterization of solid waste from the project site.

Also the leachate treatment details and the reuse/disposal details have to be given with reference to field conditions as per MoEF norms. The depth of ground water and the likely impact of leachate on its quality should be projected as per MoEF norms.

- 1.21 The details have to be worked out with reference to the existing surface water body.
- 1.23 The permission from concerned Ground Water Authority should be obtained.
- 1.24 The details have to be furnished with reference to the existing surface water sources in and around the project site.
- 2.2 The quantification and the details have to be assessed and to be provided along with sources of water supply. The water balance should be worked out and given in detail.
- 2.6 The actual quantity of power consumption as per the actual solid waste characterization and processing has to be worked out and to be provided
- 3.2, 3.3 and 3.4 have irrelevant information. Details should be reassessed and the appropriate details have to be provided.
- 4.2 The details on quantities and the break ups of RDF and compost are to be assessed and the appropriate categories of the waste have to be given in accordance with the MoEF norms.
- Risk due to composting emission and other likelihood of gases escaping should be assessed; appropriate safety measures according to MoEF norms to be incorporated. Adopt Eco friendly technologies like Vermicomposting and Biomethanation.
- 4.3 Though the facility aims at treating municipal solid waste, the chance of mixing/contamination of hazardous waste materials cannot be excluded since segregation at source has not been contemplated and very difficult to impose. Details on segregation and relevant agreements with regard to hazardous solid waste processing have to be furnished as per Hazardous Waste (Management, Handling and Trans-boundary movement) Rules, 2008.
- 5.1 The details have to be quantified with respect to the chosen area and existing conditions.
- 5.5 The quantification has to be carried out for emission from mobile and stationary sources and associated operations with reference to existing site conditions.
- 6.1, 6.3 and 6.5 Details have to be assessed in accordance with the field sampling and characterization as applicable to the total quantity of solid waste to be processed.



 2/12

7.2 and 7.5 The details on actual quantities of waste water generated and the reuse schemes have to be furnished and the long term risks have to be assessed and to be provided.

8.1 and 8.3 The appropriate risk assessment to be supported for justifying the environmentally safe operations with suitable models and predictions.

9.1 Lead to development of supporting and utilities have to be detaily furnished.

Green belt development details along with the types and number of trees to be planted should be given.

III Environmental Sensitivity

2. The details have to reassessed and furnished with reference to the presence of natural resources like water bodies/ water ways in the area.

6. Impacts on Tourist flow to Osudu lake should be projected.

10. Presence of Ground Water sources in the area and the likely impact of Solid Waste Management should be given in detail.

The TOR may be communicated after obtaining the clarifications.

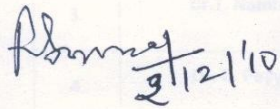
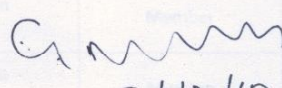
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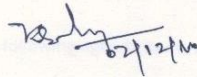
However, as per the schedule of the EIA notification, all projects of common municipal solid waste management facility are listed under serial 7(i) Category B irrespective of threshold limit. Accordingly the Committee prescribed the TOR (as Annexure) and decided to seek the following clarifications simultaneously;

- (i) Whether the Ousuteri lake is a protected area under the Wild Life Act - from the conservator of forests, Puducherry
- (ii) If so clarifications from the MoEF, GOI, about the category status of the Proposal A or B.

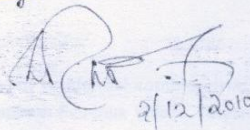
The meeting ended with vote of thanks to the chairman and the members by the Secretary.


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T. Nam hisajan
 2/ Dec/2010


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- 2.1: The recommendation may be forwarded to SEIAA
- 2.2: TOR may be communicated to the proponents, and clarifications may be sought as mentioned.


 2/12/2010