



## ***Proceedings of the State Environment Impact Assessment Authority Kerala***

*Present: Dr. A.E. Muthunayagam, Chairman; Prof. (Dr.) K.P. Joy, Member; Sri. James Varghese IAS, Member Secretary*

**Sub:** SEIAA Kerala - Proposed Institute of Medical Sciences and Multi-Speciality Hospital Project in Survey Nos. 225/2, 225/3-1, 225/2/2, 226/5/1/2, 226/5/1/3, 226/5/1/4, 226/5/1/1, 226/5/2, 189/1-2, 189/2, 224/4, 224/5, 397/1-2 and 397/1-3 at Koovappady Village and Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala by M/s Sree Narayana Gurukulam Charitable Trust – Environmental Clearance under EIA Notification 2006 accorded – Orders issued

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### ***Environmental Clearance***

No. 54/SEIAA/KL/7582/2012

dated, Thiruvananthapuram 23-05-2013

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### **ORDER**

The Secretary of M/s Sree Narayana Gurukulam Charitable Trust, vide their application received on 14-11-2012 has sought environmental clearance under the EIA Notification, 2006 for the proposed Institute of Medical Sciences and Multi-Speciality Hospital Project at Koovappady Village and Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala. The proposal has been appraised by the State Level Expert Appraisal Committee Kerala constituted by the competent authority, as per prescribed procedure in the lights of provisions under the EIA Notification 2006 and subsequent amendments, in its 10<sup>th</sup> meeting held on 26<sup>th</sup> and 27<sup>th</sup> November 2012, 13<sup>th</sup> meeting held on 2<sup>nd</sup> March 2013 and also in the 14<sup>th</sup> meeting held on 6<sup>th</sup> April, 2013 AND on the basis of the supporting documents enclosed with the application viz., the Form – 1 & 1A, Conceptual Plan and the additional clarifications furnished in response to the observations, the SEAC Kerala recommended environmental clearance to the project.

It is interalia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. It involves the construction of Institute of Medical Sciences and Multi-Speciality Hospital Project at Koovappady Village and Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala. It is proposed to construct a Hospital (1050 beds), Ayurvedic centre, Medical College and Nursing College, accommodation for doctors (50 units) and accommodation facility (50 rooms) for attendants to the patient with medical shops and food court, etc. Buildings will be constructed with maximum floors of lower parking level 1 & 2, Ground floor + 7 floors (Medical College and Teaching hospital building). The maximum height of the building is 28.5 m. The total built-up area is of 1,35,072 m<sup>2</sup>. The total daily domestic water requirement for the proposed project is 715 KL/day. The waste water generated from the proposed project will be treated in a STP of capacity of about 773 KL/day. Solid waste of about 1527.50 kg/day and biomedical waste of about 735 kg/day would be generated from the proposed project. Power requirement is 6978 kW. Total cost of the project is ₹ 245 crores.

The SEIAA considered the proposal in its 16<sup>th</sup> meeting held on 15<sup>th</sup> March 2013 and 17<sup>th</sup> meeting held on 7<sup>th</sup> April 2013. The SEIAA, after due consideration of the relevant documents and additional clarifications submitted by the project proponent, and in view of the recommendations of SEAC, approved for issuance of Environmental Clearance for the project mentioned above at its 17<sup>th</sup> meeting held on 7<sup>th</sup> April 2013. Accordingly, the State Level Environment Impact Assessment Authority (SEIAA) Kerala constituted by Govt. of India vide Notification No. S.O. 2484(E) dt. 3-11-2011 of

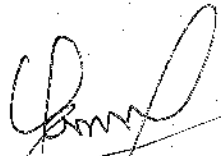
Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 2074 on 11-11-2011, hereby accord Environmental Clearance for the above project as per powers vested with it under the provisions of Environment Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the following specific conditions, and the general conditions contained in the Annexure, which shall also form a part of this document.

1. Water quality should be continuously monitored in the storages and potability should be ensured.
2. Minimum vertical and horizontal set back distances should be provided from the High Tension tower line as per KSEB guidelines and critical facilities should not be placed below it.
3. The abandoned quarry in the south-central part of the land has to be developed, used as storage for rain water harvesting and protected with fencing/compound wall.
4. Approval from KSPCB should be obtained for Biomedical & hazardous waste management.
5. Safety measures should be implemented as per Fire & safety regulations
6. STP should be installed as per KSPCB guidelines.
7. Time day meter (for power consumption) for STP should be installed and due exercises of check by KSPCB should be ensured.

Compliance of the above conditions will be monitored by the Directorate of the Department of Environment and Climate Change, Government of Kerala or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Government of India located at Bangalore. Necessary support for entry and inspection should be provided by the project proponent to the staff of the Directorate and Ministry for monitoring purposes.

**The given address of correspondence of the Authorized Signatory of the project is:-** Mr. M.K. Viswanathan, Secretary, M/s Sree Narayana Gurukulam Charitable Trust, Perumbavoor, Ernakulam, Kerala - 683542; Telephone No: 0484-2594885; Fax No. 0484-2594885; E mail: sngtrust@yahoo.co.in

**Agency with NABET accreditation for EIA is:-** M/s Environmental Engineers & Consultants Pvt. Ltd., A1 - 198, Janak Puri, New Delhi - 110058; Tel. No. 011-25507190; Telefax No: 011-25622604; E-mail: eecindia@yahoo.co.in

  
James Varghese IAS  
Member Secretary, SEIAA  
and Principal Secretary to Government  
Environment Department

To

Mr. M.K. Viswanathan  
Secretary  
M/s Sree Narayana Gurukulam Charitable Trust  
Perumbavoor, Ernakulam, Kerala - 683542.

Copy to :

1. The Principal Secretary, Environment Dept., Government of Kerala, Secretariat
2. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm - 24.
3. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
4. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
5. Chairman and Members of SEIAA Kerala
6. Chairman, SEAC Kerala
7. Website uploading
8. Stock file

## STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA

### GENERAL CONDITIONS *(for projects other than mining)*

- (i) Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
- (iv) The project shall incorporate devices for solar energy generation and utilization wherever possible.
- (v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (vi) The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (vii) All other statutory clearances shall be obtained, as applicable, by project proponents from the respective competent authorities.
- (viii) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (ix) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at [www.seiaakerala.org](http://www.seiaakerala.org). The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the office of this Authority as confirmation.
- (x) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xi) The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data **(both in hard copies as well as by e-mail)** and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xii) The proponent should provide notarized affidavit *(indicating the number and date of Environmental Clearance proceedings)* that all the conditions stipulated in the EC shall be scrupulously followed.

Sd/-

Member Secretary, SEIAA Kerala