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2015

Proceedings of the State Environment Impact Assessment Authority, Kerala

*Present Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member; Sri. Mara Pandiyan IAS, Member
Secretary & Principal Secretary to Government (Environment and Forests).*

Sd/- SEIAA Kerala - **The existing, ongoing and proposed Sri Kurumba Trust Projects in Sy. Nos. 100/1, 2 & 85/1 at Vadakkenchery-1 Village, Vadakkencherry Grama Panchayath, Alathur Taluk, Palakkad District, Kerala by M/s Sri Kurumba Trust - Environmental Clearance - Accorded**

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 186/SEIAA/EC1/06/2014

Dated, 27.04.2015 Thiruvananthapuram.

- Ref: -
1. Application dated 31.12.2013 submitted by Col. (Rtd.) V.K. Balan, Director & Authorized Signatory, Sri Kurumba Trust, "Anugraha", 30/48, Sreepuram, Punkunnam, Thrissur, Kerala - 680002.
 2. Minutes of the 25th meeting of SEAC held on 14/15.02.2014.
 3. Minutes of the 26th meeting of SEAC held on 20/21.03.2014.
 4. Minutes of the 32nd meeting of SEAC held on 12/13.08.2014.
 5. Minutes of the 34th meeting of SEIAA held on 24.10.2014.
 6. Minutes of the 35th meeting of SEIAA held on 09.04.2015.

ENVIRONMENTAL CLEARANCE NO. 10 /2015

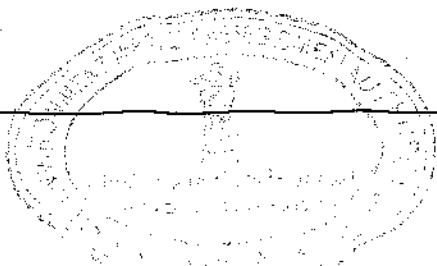
Col. (Rtd.) V.K. Balan, Director & Authorized Signatory, M/s Sri Kurumba Trust, "Anugraha", 30/48, Sreepuram, Punkunnam, Thrissur, Kerala- 680002 has submitted the application referred to above, for the existing, ongoing and proposed Sri Kurumba Trust Projects in Sy. Nos. 100/1,2 & 85/1 at Vadakkenchery-1 Village, Vadakkencherry Grama Panchayath, Alathur Taluk, Palakkad District, Kerala. The application was received on 01.01.2014. Data regarding the project and environmental impact mitigation measures proposed to be adopted as furnished by the proponent are as under:

1.

Name of project	Environmental Clearance for the Existing, on going & proposed buildings at the campus of Sri Kurumba Trust (SKT) (SKT is the Corporate Social Responsibility (CSR) activity arm of M/s Sobha Developers Ltd.)
Nature size and location of the project	Construction of buildings at the campus of Sri Kurumba Trust (SKT). The total plot area 8.689 ha. (86,896 sq. m.) and total built-up area 31,715.04 sq.m (existing 16,736.43 sq.m. + ongoing construction 2,978.75 sq.m. + proposed construction 11,999.86 sq.m.) in Sy. Nos. 100/1,2 & 85/1 at Vadakkenchery-1 Village, Vadakkencherry Grama Panchayath, Alathur Taluk, Palakkad District, Kerala. Between Longitude 10°35'15.39" N to 10°35'03.44" N and Latitude 76°27'25.61" E to 76°27'15.31" E.
Screening of the project	Category 'B', Schedule 8 (a)
Scoping of the project	B2
Project details	The proposed project which involves expansion of the

	existing facilities with new facilities will the campus of Sri Kurumba Trust. They have started construction of ongoing facilities for an area of less than 20,000 m ² in October 2013 and have now applied for EC since the proposed facilities exceed a total built up area of 20,000 m ² . The maximum floor of the building is with Ground + 4 floors (Sobha Hermitage-existing building). The maximum height of building is 22.5 m. The land for the proposed project falls in "Purayidam" and the proposed land use is for residential / institutional purposes. No forest land is involved in the present project.
Total Plot Area	8.689 hectares (86,896 m ²)
Total Built-Up Area	31,715.04 sq.m (existing 16,736.43 sq.m. + ongoing construction 2,978.75 sq.m. + proposed construction 11,999.86 sq.m.)
Vacant area/Open to sky	74,964 m ²
New /Expansion/ Modernization	New & expansion
Energy requirement	150 kW
Quantification of energy saved	26 %
Renewable energy devices used	Solar Water Heater, Solar Power Plant and Solar operated street lights
Water consumption	
Construction phase	For domestic requirement: 10KLD For construction purposes: 20KLD
Operation Phase	For domestic requirement: 130.26KLD For construction purposes: 20KLD
Waste Management proposals	
1. Solid waste	<ul style="list-style-type: none"> ➤ Collection & segregation within the site of bio-degradable waste (green bins) & non-biodegradable waste (blue bins). ➤ The recyclable waste like packaging material, paper etc. would be sold through vendors. ➤ Bio-degradable waste would be disposed through bio-gas generation plant existing at site. It is proposed to enhance the capacity of the bio-gas generation plant after the proposed expansion. The bio-gas generated is already consumed in the kitchen and would continue the same.
2. Liquid Waste	<ul style="list-style-type: none"> ➤ Sewage Treatment Plant with total capacity 125 KL. ➤ The water quality meets requirements after the treatment of water (filtration & disinfection). ➤ The treated water from STP to be used for flushing of toilets 54.035 KLD & Horticulture 39.752 KLD.
3. E- Waste	<ul style="list-style-type: none"> ➤ e Waste (Various types of electronic waste) ➤ Discarded computer parts, monitor, key boards etc. constitutes e-waste and this waste will be stored in an earmarked area. ➤ e-waste will be generated after 4-5 years latency period ➤ It will be stored in the service block building.

	e-waste will be disposed as per e-Waste (Management & Handling) Rules, 2012.
4. Any Other waste	<p>➤ Emissions from D.G. sets and from the vehicles only.</p> <p>➤ <u>Bio-medical waste management:</u> bio-medical waste like infectious beddings, cotton, swabs, used syringes, discarded medicines etc. from health centre building would be generated.</p> <ul style="list-style-type: none"> • Collection & segregation at source by providing appropriate colour coded bins/containers as per the colour coding provided in the Bio-medical waste (Management & Handling) Rules, 2012. • The Bio-medical waste from proposed health centre would be outsourced through IMAGIL (M/s Indian Medical Association Goes Eco Friendly, a Kerala State pollution Control Board authorized agency.
Emissions from combustion of fossil fuels from stationary or mobile sources	The operation of proposed project does not envisage any major air pollutant generating sources except D.G. sets and vehicular movement during construction phase and operation phase. It is proposed to have a D.G set of 62.5 KVA x 1 nos. during construction and 180kVA x 1no. + 125kVA x 1no 50kVA x 1no during operation phase.
Dust or odours from handling of materials including construction materials, sewage and waste	<p>During construction phase dust will be generated during the handling of construction materials. Sprinklers for suppression of dust will be installed during construction phase to minimize the dust generation.</p> <p>Wind breakers (i.e. Barricades with GI sheets) at all vulnerable sides (all along the nearby houses) or locations or using shade nets will be used for dust control.</p>
Total cost of the project	70.22 Crores
Corporate Social Responsibility	As per the legal provisions
Details of Authorised Signatory	<p>Col. (Rtd.) V.K. Balan Director & Authorized Signatory Sri Kurumba Trust "Anugraha", 30/48, Sreepuram, Punkunnam, Thrissur, Kerala - 680002. Tel. No. 0492-2254502/03 Fax No. 0492-2254504 Email: colvkbalan@gmail.com; Manojkumar.k@sobha.com; damothiran.v@sobha.com</p>
Details of NABET approved EIA consultant organisation	<p>M/s Environmental Engineers & Consultants Pvt. Ltd. A1 - 198, Janak Puri, New Delhi - 110058; Tel. No. 011-25507190; Telefax No: 011-25622604; E-mail: eecnewdelhi@yahoo.in ; eecnewdelhi@gmail.com</p>



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2. The project proponent has furnished detailed checklist of environmental impacts, Environmental Monitoring Plan and Environmental Management Plan reports. The proposal was considered in the 25th meeting of SEAC held on 14th and 15th February 2014 as agenda item No. 25.10 and was deferred since the proponent was absent for presentation of the project despite intimation from the Secretariat of SEAC/SEIAA. Further it was insisted that the proposal shall be delisted if the proponent fails to be present for presentation in the next meeting. Accordingly the proponent was communicated the same and the proposal was placed for reconsideration of SEAC in its 26th meeting held on 20th and 21st March 2014 as agenda item No. 26.04. The Committee recommended the project for Environmental Clearance if the following documents are submitted to SEAC for examination and reconsideration:

1. Cadastral map duly certified by Village Officer.
2. Cadastral map superimposing proposed outlay plan

3. Subsequently the proponent has submitted the additional clarifications sought and hence the matter was placed for reconsideration of SEAC in its 32nd SEAC meeting held on 12th and 13th August 2014 as agenda item no. 32.13 for verification of the same and for appropriate decisions. The Committee found the cadastral map provided by the proponent sufficient for evaluation and that the cadastral map superimposing proposed outlay plan is not necessary. Hence the proposal was appraised and RECOMMENDED as per the following specific conditions in addition to the general conditions stipulated for non- mining projects:

1. Dependable source of water to be identified and developed.
2. Rule 37 (5) of KPBR to be enforced.
3. Internal roads should have a minimum width of 7 metres.

4. Then the proposal was placed before the SEIAA in its 34th meeting held on 24.10.2014. The Authority deferred the proposal for the joint meeting of SEIAA and SEAC on 31-10-2014.

5. After the joint meeting, the proposal was considered in the 35th meeting of SEIAA held on 9th April 2015 as agenda item No. 35.57. SEIAA examined the reports and recommendations of SEAC, assurance given by the project proponent in their affidavits, approved the project for issuance of environmental clearance for the proposed expansion of existing Sri Kurumba Trust projects, subject to the specific conditions and the green building conditions as under:

- Capacity of the RWH facility shall be enhanced from the proposed 400KL at the location, as there is no dependable source of water as of now.
- Technology and capacity of the STP to be indicated with discharge point (if any) of the treated effluent.
- Effluent water not conforming to specifications shall not be let out to water bodies
- Maximum reuse of grey water for toilet flushing and gardening and construction work shall be ensured.
- Dual plumbing for flushing shall be done
- Provisions for disposal of e-wastes, solid wastes, non-biodegradables and separate parking facility for the buildings shall be provided.
- Generation of solar energy to be mandatory for own use and/or to be provided to the grid.
- There shall not be any compromise on the safety conditions and facilities to be provided by the project proponent, which shall be ensured for occupation, regularisation or consent to operate.

6. Environmental Clearance as per the EIA notification 2006 is hereby accorded for the proposed housing project of Sri Kurumba Trust Projects by M/s Sri Kurumba Trust project in Sy. Nos. 100/1, 2 & 85/1 at Vadakkenchery- 1 Village, Vadakkencherry Grama Panchayath, Alathur Taluk, Palakkad District, Kerala subject to all the environmental impact mitigation and management measures, undertaken by the project proponent in the documents submitted to SEIAA, the mitigation measures specified against each in the table in para 1 above, as well as in the presentation in the SEAC. The assurances and clarifications given by the proponent will be deemed to be a part of these proceedings as if incorporated herein. Also the general conditions for projects other than mining appended hereto will be applicable and have to be strictly adhered to (Annexure II).
7. Validity of the Environmental Clearance will be five years from 01.05.2015, subject to earlier review in the event of non compliance or violation of any of the conditions stipulated herein.
8. Compliance of the conditions herein will be monitored by the Directorate of Environment and Climate Change or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Govt. of India, Bangalore.
 - i) Necessary assistance for entry and inspection should be provided by the project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.
 - ii) Instances of violation if any shall be reported to the District Collector, Palakkad to take legal action under the Environment (Protection) Act 1986.
 - iii) The given address for correspondence with the authorized signatory of the project is, Col. (Rtd.) V.K. Balan, Director & Authorized Signatory, Sri Kurumba Trust, "Anugraha", 30/48, Sreepuram, Punkunnam, Thrissur, Kerala - 680002.


 Member Secretary, SEIAA

To

Col. (Rtd.) V.K. Balan
 Director
 Sri Kurumba Trust
 "Anugraha", 30/48
 Sreepuram, Punkunnam
 Thrissur, Kerala - 680002.



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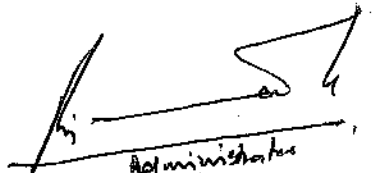
1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
2. The Addl. Chief Secretary to Government, Environment Dept., Government of Kerala
3. The District Collector, Palakkad District
4. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm - 24.
5. The Secretary, Vadakkencherry Grama Panchayath, Alathur Taluk, Palakkad District
6. Chairman SEIAA, Kerala.
7. Website
8. Stock file
9. O/c

ANNEXURE II**GENERAL CONDITIONS** (for projects other than mining)

- (i) Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified elsewhere.
- (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 to the maximum possible extent with the possibility of contributing the same to the national grid in future.
- (v) Safety measures should be implemented as per the Fire and Safety Regulations.
- (vi) STP should be installed and made functional as per KSPCB guidelines including that for solid waste management.
- (vii) The conditions specified in the Companies Act, 2013 should be observed for Corporate Social Responsibility.
- (viii) The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- (ix) Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.
- (x) All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xii) 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 Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xiii) 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.
- (xiv) 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. The advertisement should be

made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.

- (xvi) 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 Environmental Clearance shall also be put on the website of the company by the proponent.
- (xvii) The proponent shall submit half yearly 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.
- (xviii) The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.
- (xviii) 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.


 Member Secretary, SEIAA

