



सत्यमेव जयते

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)

Sub: SEIAA Kerala-Proposed Cancer Hospital project of M/s Cancer and Allied Ailments Research (CARE) Foundation in Sy.Nos. 272/2, 3, 4A1, 4A2, 4B, 4A, 297/1B, 265/1B2, 266/2, 4, 268/2, 267/1B, 279/3 and 273/4 at Chulur Desam of Poolokode Village, Chathamangalam Grama Panchayat, Kozhikode Taluk, Kozhikode District- Environmental Clearance- Accorded

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 547/SEIAA/EC4/3960/2014

Dated: 25-9-2015

- Ref: 1. Application dated 14.08.2014 submitted by Sri. T.V. Velayudhan, Secretary, M/s Cancer and Allied Ailments Research (CARE) Foundation, Calicut city Service Co-operative Bank Building, Chalappuram P.O, Calicut-673002
2. Minutes of the 35th meeting of SEAC held on 17th and 18th October 2014
3. Minutes of the 39th meeting of SEAC held on 14th and 15th May 2015
4. Minutes of the 41st meeting of SEAC held on 16th and 17th June 2015
5. Minutes of the 42nd meeting of SEAC held on 2nd July 2015
6. Minutes of the 40th meeting of SEIAA held on 3rd and 4th August 2015

ENVIRONMENTAL CLEARANCE NO. 75 /2015

Sri. T.V. Velayudhan, Secretary, M/s Cancer and Allied Ailments Research (CARE) Foundation, Calicut city Service Co-operative Bank Building, Chalappuram P.O, Calicut-673002 submitted the application referred to above, for the proposed Cancer Hospital project of M/s Cancer and Allied Ailments Research (CARE) Foundation. Re-Sy.Nos. 272/2, 3, 4A1, 4A2, 4B, 4A, 297/1B, 265/1B2, 266/2, 4, 268/2, 267/1B, 279/3 and 273/4 at Chulur Desam of Poolokode Village, Chathamangalam Grama Panchayat, Kozhikode Taluk, Kozhikode District. Data regarding the project and environmental impact mitigation measures proposed to be adopted as furnished by the proponent are as under:

Name of project	Environmental Clearance for the proposed Cancer Hospital project of M/s Cancer and Allied Ailments Research (CARE)
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	Foundation
<i>Nature size and location of the project</i>	Construction of project with built up area 11,000 sq.m, which is more than 20,000 sq.m & less than 1,50,000 sq.m in Re-Sy.Nos. 272/2, 3, 4A1, 4A2, 4B, 4A, 297/1B, 265/1B2, 266/2, 4, 268/2, 267/1B, 279/3 and 273/4 at Chulur Desam of Poolokode Village, Chathamangalam Grama Panchayat, Kozhikode Taluk, Kozhikode District Between Longitude 75°56'55.7" E to 75°56'43.4" E and Latitude 11°17'51.6" N to 11°17'28.6" N
<i>Screening of the project</i>	Category 'B', Schedule 8 (a)
<i>Scoping of the project</i>	B2
<i>Project details</i>	The proposed project involves 151 bedded cancer hospital building, service building, accommodation facility for 133 attendants/ by-standers to patient, Apartment cum hostel building for 46 persons, Recreation block, Palliative care building and canteen building etc. The maximum height of building is 33.45 m
<i>Total Plot Area</i>	6.2503 hectare (62,503 m ²)
<i>New/Expansion/Modernization</i>	New
<i>Energy requirement</i>	2,300 kW
<i>Quantification of energy saved</i>	D.G Sets (4 nos.) - 1250 kVA
<i>Renewable energy devices used</i>	Solar water heaters & solar power operated street lights
Water Consumption	
Construction phase	15 KLD
Operation phase	163 KLD
Waste Management proposals	
1. Solid waste	<ul style="list-style-type: none"> Will be segregated into two categories at source itself as per Municipal Solid Waste Rules, 2000 by providing appropriate coloured bins Biodegradable (green bins) & non-biodegradable (blue bins). The non-biodegradable and recyclable waste would be sold to the vendors. The biodegradable waste along with sludge from STP would be sent to the BARC model bio-gas plant and bio-bin system to be developed within the premises.
2. Liquid waste	130 Kl/day will be treated through proposed sewage Treatment Plant to be installed within the

	project premises
3. E-Waste	<ul style="list-style-type: none"> • will be stored in an earmarked area • Will be disposed as per E Waste (Management & Handling) Rules, 2012
4. Any Other waste	<ul style="list-style-type: none"> • As per Hazardous Waste (Management & Handling Rules), 2003, hazardous waste (used oil from D.G. sets, discarded oil filters and discarded batteries stored separately and will be disposed to CPCB/SPCB authorized vendors only. • Bio-medical waste would be segregated at source by providing appropriate colour coded bins/ containers as per the colour coding provided in the Bio-Medical Waste (Management & Handling) Rules. Bio-Medical Waste would also be outsourced through Kerala State Pollution Control Board authorized agency. • Radioactive waste container shall be stored as close to the work area as feasible, to minimize the possibility of spillage during the transfer of waste to the container. Radioactive waste containers should be kept closed at all times when not in use. It should be delivered to the designated pick up location in a timely manner.
Total cost of the project	Rs.200 Crores
Corporate Social Responsibility	Education, Community development, Health services
Details of Authorized Signatory	<p>Sri. T.V. Velayudhan, Secretary, M/s Cancer and Allied Ailments Research (CARE) Foundation, Calicut city Service Co-operative Bank Building, Chalappuram P.O, Calicut-673002 Ph.No.0495-2703311, 9400677100 Email:contactus@carecalicut.org, venugopalan.palliyali@gmail.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>

2. The project proponent has furnished detailed checklist of environmental impacts, Environmental Monitoring Plan and Environmental Management Plan reports. The proposal was placed in 35th SEAC held on 17th and 18th October 2014 as agenda item no. 35.56. The committee enquired about the residential area around the project site and for that the proponent informed that there is a residential area in the western side and the remaining areas are vacant with laterite type of soil. The proponent also informed that there is a small strip of 'Nanja' land (abandoned paddy land) in the southern part of the proposed area. Regarding the existing pond, the proponent informed that it may be used for rainwater harvesting system for the utilization of gardening purpose. The committee suggested that the pond should be maintained properly. The committee informed that the storm water and the waste water should be properly managed by providing suitable measures. The committee raised the apprehension that whether the connection with the project area to the adjacent paddy field may contaminate due to drainage flow. The committee also observed that the area is rich in biodiversity and hence the proponent should protect the indigenous species and plant avenue trees. The item was deferred for field visit. In the mean time Sri. T.V Velayudhan, Secretary, M/s Cancer and allied Ailment Research (CARE) Foundation filed petition, WP(C)2805/15 in the Hon'ble High Court of Kerala. In which a judgement was delivered on 07-04-2015, directing that the application shall be considered by SEIAA within a period of 'one month'.

3. As per the decision of the 35th meeting of SEAC held on 17th & 18th October 2014, a sub-committee of SEAC visited the site on 23rd April 2015. Observations were as under:

1. No construction was started in the proposed project site.
2. A house is located in the western side of the project area. It is located at a distance of approximately 200 m from the proposed building site. No other houses were located close to the site.
3. The paddy field located in the southern side of the project site is approximately 300 m away from the proposed building.
4. A Natural pond after the excavation of a quarry was located in the site which can be conserved as a water storage structure.
5. The proponent explained the proposed method of disposal of radioactive waste (which is marked in the conceptual plan) and biomedical waste.
6. Different varieties of native plants were noticed in the project site.
7. A dedicated pipe line had been laid in the project site for bringing the water from Eranjipuzha approximately 3 km from the site.

The sub-committee put forward the following suggestions:

1. As far as possible, constructions have to be carried out without disturbing much of the biodiversity. While developing the site, the proponent should be careful to minimise the impact on floral and faunal ecology. The green belt available on the boundary of the project site shall be retained. A portion of the land available shall be converted to a garden or park.
2. The proponent should give proper provision for the management of storm water and collection of treated effluent which should be reused.
3. Since the paddy field is at a distance of more than 300 m from the project site, the chance of pollution from the project site is minimal. The proponent should assure that, effluent will not be discharged without proper treatment and adequate care should be taken to reuse the treated effluent in the proposed project site itself.

- i) Necessary assistance for entry and inspection by the concerned officials and staff should be provided by the project proponents.
- ii) Instances of violation if any shall be reported to the District Collector, Kozhikode to take legal action under the Environment (Protection) Act 1986.
- iii) The given address for correspondence with the authorized signatory of the project is, Sri. T.V. Velayudhan, Secretary, M/s Cancer and Allied Ailments Research (CARE) Foundation, Calicut city Service Co-operative Bank Building, Chalappuram P.O, Calicut-673002.

Sd/-

P.MARA PANDIYAN, I.A.S,
Member Secretary (SEIAA)

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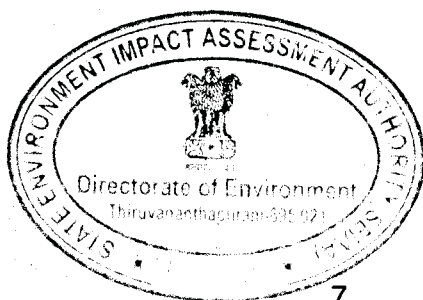
Principal Secretary
Environment & Forests Department.
Government of Kerala.

To,

Sri. T.V. Velayudhan,
Secretary,
M/s Cancer and Allied Ailments Research (CARE) Foundation,
Calicut city Service Co-operative Bank Building,
Chalappuram P.O, Calicut-673002.
Email: contactus@carecalicut.org, venugopalan.palliyali@gmail.com

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034
2. The Principal Secretary to Government, Environment Department, Government of Kerala
3. The District Collector, Kozhikode
4. Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm-24
5. Chief Town Planner, Palayam, Thiruvananthapuram
6. The Secretary, Chathamangalam Grama Panchayath, Kozhikode-673601
7. Chairman, SEIAA
8. Website
- ✓ 9. Stock file
10. O/c



Forwarded/ By Order

Administrator (SEIAA)