



सत्यमेव जयते

Validity expires on 17.12.2018

Proceedings of the State Environment Impact Assessment Authority Kerala

Present: Prof. (Dr.) K.P. Joy, Member (in chair) and Sri. P.K. Mohanty IAS, Member Secretary

Sub: SEIAA Kerala - Housing project in Sy. Nos. 92/8-3, 92/8-1 and 92/8-2 at Karumalloor Village and Panchayath, N. Paravoor Taluk, Ernakulam District, Kerala by M/s The Federal House Construction Co-operative Society Ltd. No. E-962 - Environmental Clearance under EIA Notification 2006 accorded - Orders issued

Environmental Clearance

No. 148/SEIAA/KL/2938/2013

dated, Thiruvananthapuram 02-01-2014

Read:- SEIAA Kerala Minutes of the 25th meeting dt. 18-12-2013

ORDER

Mr. George P. Mathai, Secretary of M/s The Federal House Construction Co-operative Society Ltd. No. E-962, vide their application received on 24-10-2013 has sought environmental clearance under the EIA Notification, 2006 for the Housing project in Sy. Nos. 92/8-3, 92/8-1 and 92/8-2 at Karumalloor Village and Panchayath, N. Paravoor Taluk, Ernakulam District, Kerala. As the application received was found defective, clarification was sought from the proponent on 06.11.2013 and the effective date of receipt of application with satisfactory submission of preliminary clarifications on scrutiny is 18.11.2013. The land for the proposed project falls in "Purayidam" and the proposed land use is for residential purposes. No forest land is involved in the present project. It is interalia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. The total built-up area is of 23,471.89 m² (existing structure, a structure prior to 1980 with built up area of 421.94 m² which will be renovated to use as club building and proposed building of built up area of 23,049.95 m²). The maximum height of building is 53.10 m.

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 22nd meeting held on 7th December 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.

The proposed project involves the construction of Housing project in Sy. Nos. 92/8-3, 92/8-1 and 92/8-2 at Karumalloor Village and Panchayath, N. Paravoor Taluk, Ernakulam District, Kerala. It is proposed to construct 2 building blocks with 128 apartments and first aid facility within the site and to renovate the existing building for club. The maximum floor of the building is with lower ground + upper ground + 16 floors. The maximum height of building is 53.10 m. There is a building (ground + 1 floor) + 1 shed + 2 wells existing at site along with some of native species of trees and different varieties

of shrubs, herbs, grass and climbers at site. The total daily domestic water consumption of the proposed project would be 89.28 KL/day (which include fresh water requirement of 59.52 KL). The project has made provision for rain water storage tank of 1000 KL capacity to be constructed within the site for meeting the water requirement for non-flushing activities. Also it is proposed to construct rain water harvesting pits for recharging of ground water in the south side of the project site. It is proposed to have WTP for filtration and disinfection of rain water before its use. The proposed project has provision of STP of capacity of about 86 KL/day within the project premises to treat the sewage during operation phase. The domestic sewage of about 71.424 KL/day generated will be treated through proposed STP to be installed within project premises. The sludge from STP will be partially recycled for enhancing biological treatment and the excess sludge will be sent to the filter press attached to the STP and the manure produced will be used in green area during operation phase. Solid waste of about 265.6 kg/day generated from the project will be collected separately as biodegradable and non-biodegradable waste as per the MSW Rules, 2000. The non-biodegradable and recyclable waste would be sold to the vendors. The biodegradable waste would be sent to the bio-bin microbial composting plant (with capacity of about 150 kg/day) to be developed within the premises. As per Hazardous Waste (Management and Handling Rules), 2003, the hazardous waste i.e., the used oil from the D.G. sets, discarded oil filters and discarded batteries will be stored separately and will be outsourced to C.P.C.B./S.P.C.B. authorized vendors only. The total power requirement is 660 kVA which will be sourced through Kerala State Electricity Board. Parking facilities is proposed for 165 cars and 48 two wheelers. Total project cost is ₹ 57.25 Crores.

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 25th meeting held on 18th December 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 3-11-2011, hereby accord Environmental Clearance for the Housing project in Sy. Nos. 92/8-3, 92/8-1 and 92/8-2 at Karumalloor Village and Panchayath, N. Paravoor Taluk, Ernakulam District, Kerala by M/s The Federal House Construction Co-operative Society Ltd. No. E-962 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. Height of the buildings should be restricted as per AAI specifications.
2. Width of the drive way around the towers should be separately earmarked and should have a minimum width of 7 m as per recommendations of Disaster Management Units.
3. The basement level of the lower floor should not be below the local summer water table.
4. At least double the number of trees removed from the site should be planted as per the landscape plan submitted by the proponent.
5. Minimum 2 percent of the annual profit should be earmarked for specified CSR activities.

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. In case of non-compliance of conditions, noted, if

ly, the Director, Department of Environment and Climate Change shall report the matter to the District Collector concerned to take necessary action under Environment Protection Act 1986.

The given address of correspondence of the Authorized Signatory of the project is:- Mr. George P. Mathai, Secretary and Authorized Signatory, M/s The Federal House Construction Co-operative Society Ltd. No. E-962, Federal Gardens, Pulinchode, Aluva, Ernakulam, Kerala — 683101; Tel. No. 0484-2622346; Email: federalgardens@bsnl.in; ekrvarma@gmail.com

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: eecnewdelhi@yahoo.in ; eecnewdelhi@gmail.com

The validity of EC is for a period of 5 years from 18-12-2013.

Sd/-

P.K.Mohanty IAS
Member Secretary, SEIAA
and Addl. Chief Secretary to Government
Environment, Forest & Wildlife Departments

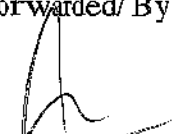
To

Mr. George P. Mathai
Secretary and Authorized Signatory
M/s The Federal House Construction Co-operative Society Ltd. No. E-962
Federal Gardens, Pulinchode
Aluva, Ernakulam, Kerala – 683101.

Copy to :

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

Forwarded/ By Order


P. Sreekanth Nair
Director, DoECC &
Secretary SEAC Kerala

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA
GENERAL CONDITIONS *(for projects other than mining)*

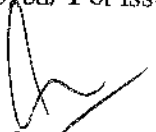
- (i) Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified elsewhere.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should 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 have been obtained before initiating activity.
- (x) All other statutory clearances should have been 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.

- (xv) 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.
- (xvi) 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.
- (xvii) 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.

Sd/-

Member Secretary, SEIAA Kerala

Approved/ For issue



P. Sreekanth Nair
Director, DoECC &
Secretary SEAC Kerala