



सत्यमेव जयते

Proceedings of the State Environment Impact Assessment Authority Kerala

Present:- Prof. (Dr.) K.P. Joy, Chairman; (Dr.) J. Subhashini, Member; Sri. P.K. Mohanty IAS, Member Secretary

Sub: SEIAA Kerala – Apartment Housing project in Sy. Nos. 128/4, 128/19-2, 128/8-1, 128/19-4, 128/19-1, 128/18-4, 128/19-6, 128/2-1, 128/20, 128/19, 128/18, 128/120-2, 128/19-5, 128/18-3, 128/19-3, 128/3, 128/19-3-1 and 128/2 at Cheruvaikal Village, Thiruvananthapuram Taluk and District, Kerala by Army Welfare Housing Organisation – Environmental Clearance under EIA Notification 2006 accorded – Orders issued

Environmental Clearance

No. 295/SEIAA/KL/1494/2014

dated, Thiruvananthapuram 24.05.2014

Read:- Minutes of the 30th SEIAA meeting held on 09th May 2014

ORDER

Col. M.D. Nair, Authorized Signatory & Project Director of Army Welfare Housing Organisation (AWHO), vide their application received on 31.03.2014 has sought environmental clearance under the EIA Notification, 2006 for the Apartment Housing project in Sy. Nos. 128/4, 128/19-2, 128/8-1, 128/19-4, 128/19-1, 128/18-4, 128/19-6, 128/2-1, 128/20, 128/19, 128/18, 128/120-2, 128/19-5, 128/18-3, 128/19-3, 128/3, 128/19-3-1 and 128/2 at Cheruvaikal Village, Thiruvananthapuram Taluk and District, Kerala. Army Welfare Housing Organisation (AWHO) is an organization set up by the Army Headquarters in 1978 to assist soldiers both serving and retired and their widows in acquiring a dwelling units at an affordable cost at their stations of choice. It is managed by a Board of management with Chief of the Army Staff as its patron. The present project is a group housing project to be developed by AWHO. 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. As per the biodiversity listing provided by the proponent, exotic, invasive and species of plants endemic to the Western Ghats – South and Central Sahyadris are found in the site. The project area lies between 08°31'57.05" to 08°31'50.06" Latitude (N) and 76°54'13.37" to 76°54'05.78" Longitude(E).

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 29th meeting held on 2nd and 3rd May 2014 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 Apartment Housing project in Sy. Nos. 128/4,

128/19-2, 128/8-1, 128/19-4, 128/19-1, 128/18-4, 128/19-6, 128/2-1, 128/20, 128/19, 128/18, 128/20-2, 128/19-5, 128/18-3, 128/19-3, 128/3, 128/19-3-1 and 128/2 at Cheruvaikal Village, Thiruvananthapuram Taluk and District, Kerala. The proposed project involves the construction of 10 residential building blocks for 268 apartments, along with community hall with first aid facility and convenient shops within the site. The maximum floor of the building is with ground + 8 floors. The total plot area of the proposed project is 3 hectares (30,058.28 m²) and the total built-up area is of 44,787.68 m². The top soil which is fertile will be kept at site for landscaping work. The excavated soil will be used for back filling work and for internal road construction purposes and the excess excavated earth will be disposed as per guidelines. The total daily domestic water consumption for the proposed project during operation phase would be 186.93 KL/day. The sources of water during operation phase for the proposed project are Roof Rain Water (on rainy days for non-flushing requirement), stored rain water / well water (on non-rainy days for non-flushing requirement) and treated waste water from STP (for flushing requirement for entire year). The project has made provision for rain water storage tanks (1209.4 KL + 1003.2 KL) which will be used as a concurrent source of water during rainy days.

The project has provision of STP of 10 KL capacity to treat sewage during construction phase and STP of capacity of 180 KL/day capacity within the project premises to treat the sewage during operation phase. The domestic sewage of about 150 KL/day generated will be treated through proposed STP to be installed within project premises. The treated water from the proposed STP will be used for flushing and horticulture purposes. The sludge from STP will be partially recycled for enhancing biological treatment and the excess sludge will be sent to the filter press and the decanted sludge will be sent to the modified BARC model biogas plant and the manure produced will be used in green area during operation phase. The biogas produced will be used for club house building. Solid waste of about 556 kg/day generated from the project will be collected separately as biodegradable and non-biodegradable waste as per the MSW Rules, 2000. Parking facilities proposed is for 329 cars and 45 two wheelers. Total project cost is ₹ 85 Crores. As stated by the proponent, there is no litigation pending against the project and /or land in which the project is proposed to be set up. The maximum height of building is 30.70 m.

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 30th meeting held on 09th May 2014. 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, and further amended by Govt. of India vide Notification No. S.O. 546(E) dt.25.02.2014 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 466 dated 25-02-2014, hereby accord Environmental Clearance for the proposed Apartment Housing project in Sy. Nos. 128/4, 128/19-2, 128/8-1, 128/19-4, 128/19-1, 128/18-4, 128/19-6, 128/2-1, 128/20, 128/19, 128/18, 128/20-2, 128/19-5, 128/18-3, 128/19-3, 128/3, 128/19-3-1 and 128/2 at Cheruvaikal Village, Thiruvananthapuram Taluk and District, Kerala by Army Welfare Housing Organisation 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. Invasive species should be removed.
2. Removal of trees should be limited to actual requirement.

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 any, 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:- Col. M.D. Nair, Authorized Signatory & Project Director, Army Welfare Housing Organisation (AWHO), Alathara Project, C/o Military Camp Pangode, Thiruvananthapuram - 695006. OR Army Welfare Housing Organisation (AWHO), C/o Prasanna Vihar, Marine Drive, Opp. High Court, Kochi - 682031. Tel. No. 0471-2353322, Email: mdnairmm@gmail.com; dir_arch@rediffmail.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 & eecindia@satyam.net.in; Mobile No. 9350873385, 9811080469.

The validity of EC is for a period of 5 years.



P.K. Mohanty IAS

Member Secretary, SEIAA

and Addl. Chief Secretary to Government

Environment, Forest & Wildlife Departments



To

Col. M.D. Nair
Authorized Signatory & Project Director
Army Welfare Housing Organisation (AWHO)
Alathara Project, C/o Military Camp Pangode
Thiruvananthapuram - 695006.

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

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