



सत्यमेव जयते

Proceedings of the State Environment Impact Assessment Authority Kerala

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

Sub: SEIAA Kerala – Proposed Phase 1 development of Smart City (Kochi) in Survey Nos. 666/10 pt, 640/1, 2 pt, 4 pt, 5, 641/1 pt, 10, 25 pt, 29, 30 at Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala by Smart City (Kochi) Infrastructure Pvt. Ltd. – Environmental Clearance under EIA Notification 2006 accorded – Orders issued

Environmental Clearance

No. 105/SEIAA/KL/1692/2013

dated, Thiruvananthapuram 23-08-2013

ORDER

Dr. Bajju George, Managing Director and Authorized Signatory of Smart City (Kochi) Infrastructure Pvt. Ltd., vide their application received on 18-06-2013 has sought environmental clearance under the EIA Notification, 2006 for the proposed Phase 1 development of Smart City (Kochi) in Survey Nos. 666/10 pt, 640/1, 2 pt, 4 pt, 5, 641/1 pt, 10, 25 pt, 29, 30 at Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala. The Ministry of Commerce & Industry has notified the project site as Special Economic Zone. The proposed project (Phase 1) is the development of IT Special Economic Zone. 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 63,945.50 m². The maximum height of the building is 27.7 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 17th meeting held on 6th July 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 project involves the proposed Phase 1 development of Smart City (Kochi) in Survey Nos. 666/10 pt, 640/1, 2 pt, 4 pt, 5, 641/1 pt, 10, 25 pt, 29, 30 at Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala. It is proposed to construct office buildings and retails/commercial, STP,

solid waste management at site premises in Podium Lower Ground + Podium Ground + 5 Floors. Earth excavation will be done for foundations of the buildings and the top fertile soil will be removed and stacked separately for further use in landscaping and gardening. The lower strata earth is either used in landscaping or for filling the plinths, road substructure, leveling low lying areas or bunding the erosion. The fresh water requirement for the proposed project is 171 KL/day during non-monsoon season and 134 KL/day during monsoon season. The domestic waste water generated from the proposed project will be treated in a STP of capacity of about 200 KL/day. The domestic solid waste to be generated will be collected, segregated and managed in the Smart City Solid waste management facility. Sludge generated from the proposed STP will be used as organic manure. Power requirement is 5.12 MW. Parking facilities is proposed for 971 cars. Total cost of the project is ₹ 150 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 20th meeting held on 19th July 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 proposed Phase 1 development of Smart City (Kochi) in Survey Nos. 666/10 pt, 640/1, 2 pt, 4 pt, 5, 641/1 pt, 10, 25 pt, 29, 30 at Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala by Smart City (Kochi) Infrastructure Pvt. Ltd. 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. RWH has to be ensured for one month storage.
2. Reclamation of paddy fields should not be made.
3. 15.5% of energy should be saved by alternate energy sources as proposed.
4. Left over treated sewage water should be recycled for non drinking purpose with temporary storage.
5. Green area development should involve only indigenous plants.
6. Parking facility has to be enhanced as per KMBR provisions.
7. Amount should be earmarked for CSR components as per the provisions of Companies Bill, 2011.

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:- Dr. Bajju George, Managing Director, Smart City (Kochi) Infrastructure Pvt. Ltd., Smart City Pavilion, Brahmapuram P.O., Kochi – 682303; Tel. No. +91 484-3080000; Fax. No. +91 484-3080099; Email: bajju.george@smartcity.ae

Agency with NABET accreditation for EIA is:- M/s. ABC Techno Labs India Private Limited, No. 2, 2nd Street, Thangam Colony, Anna Nagar West, Chennai – 600040; Tel. No. +91 44 26161123/24/25; Fax: +91 44 2616 3456; Email: abc@abctechnolab.com

Sd/-

Pradeep Kumar IAS
Member Secretary, SEIAA
and Principal Secretary to Government
Environment, Forest & Wildlife Departments


To

Dr. Bajju George
Managing Director
Smart City (Kochi) Infrastructure Pvt. Ltd.
Smart City Pavilion, Brahmapuram P.O.
Kochi – 682303.

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 Principal 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. Sreekantan Nair
Director, DoECC &
Secretary SEAC Kerala

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 to the maximum possible extent with the possibility of contributing the same to the national grid in future.
- (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 advertisement and 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 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 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.
- (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.
- (xiii) Safety measures should be implemented as per the Fire and Safety Regulations.
- (xiv) STP should be installed and made functional as per KSPCB guidelines including solid waste management.
- (xv) The conditions specified in the Companies Bill, 2011 should be observed for Corporate Social Responsibility.
- (xvi) Time schedule for completion of project should be informed to SEIAA.

Sd/-
Member Secretary, SEIAA Kerala

