

Thiru.T.S.Srinivasamurthy,I.F.S.,
DIRECTOR OF ENVIRONMENT AND
MEMBER SECRETARY



STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY, TAMILNADU,
4-D, Panagal Maligai, 1 Jeenis Road,
Saidapet, Chennai-600 015.

Letter No. SEIAA / TN/EC/8(b)/068/F-224/2009 / dt.24.11.2009

To

The Managing Director,
M/s.K.G. Foundations Pvt. Ltd.,
Regd. Office. No: 5, Bishop Wallers Avenue (East),
Mylapore,
Chennai - 600 004.

Sir,

Sub: SEIAA, M/s. K.G. Foundations Pvt. Ltd., - Construction of residential and commercial buildings proposed at S.F.No. 4, 5, 6, 7, 13, 14, 15, 73/1B and 73/1C, Adayalambattu Village, Ambattur Taluk, Thiruvallur District. - Environmental Clearance - regarding.

This has reference to your application No.Nil dated 31.03.2009 submitted to the State Level Environment Impact Assessment Authority, Tamil Nadu seeking Environmental Clearance under the Environment Impact Assessment Notification, 2006. The Proposal has been appraised by the State Level Expert Appraisal Committee in its meetings held on 29th & 30th June 2009 as per the prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application Form-1, Form-IA, Conceptual Plan, REIA and the additional clarifications furnished by the proponent.

It is noted, interalia that the project proposal involves construction of residential cum commercial complex consisting of Stilt + 18 - Block 1, Stilt + 19 - Blocks 2,3,4,6, Stilt + 11 - Block - 5, Common block - Stilt + 15, Club-Ground + 1, Common Block-1 as per the application submitted. The area of the plot is 47712.07 m² and the total built-up area as reported is 1, 66824.42 m². Water requirement of the project is 1439 KLD and daily fresh water requirement is 912 KLD, which will be met from ground water. It has been proposed to provide a

sewage treatment plant for treatment of sewage and the treated sewage of 1162 KLD will be used for toilet flushing (527 KLD), HVAC Cooling (560 KLD) and gardening (75 KLD). Solid waste generation has been projected as 4.5 T/day. Parking proposed is for 678 cars & 2724 two wheelers. The Power required is of 12 MW with backup of 10 nos. DG set of capacity 1200 KVA each. The total cost of the project is Rs.143 Crores.

The project activity is covered in 8(b) of the Schedule and is of 'B1' category. It does not require Public Consultation as per Para 7(i) III Stage (3) (d) "Public Consultation" of EIA Notification, 2006.

The SEAC after due consideration of the relevant documents submitted by the Project Proponent and additional clarifications furnished in response to its observations has recommended to the SEIAA, Tamil Nadu to grant Environmental Clearance to this project. The proposal was considered by the SEIAA, Tamil Nadu in its meeting held on 18.11.2009 and as the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 based on the recommendations of the SEAC subject to the strict compliance of the terms and conditions stipulated below:

PART A- SPECIFIC CONDITIONS

Construction Phase

- i) "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.
- ii) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
- iii) A First Aid Room shall be provided in the project site during the construction of the project.

- iv) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- v) All the labourers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- vi) For Solid-waste management, composting arrangements shall be provided for biodegradable waste at site as committed.
- vii) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.
- viii) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed of only in approved sites with the approval of competent authority with necessary precautions for general safety and health aspects of people.
- ix) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the ground water.
- x) Low sulphur diesel shall be used for the diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986.
- xi) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- xii) Ambient air and noise level should conform to residential standards prescribed by the TNPCB both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.

- xiii) Fly Ash should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 as amended in August, 2003 and November, 2009.
- xiv) Ready mixed concrete must be used in building construction.
- xv) Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.
- xvi) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- xvii) For extraction of water the applicant should obtain necessary permit/permission from the State/Central Ground Water Authority for the extraction of ground water for accessing supply to the project and for transportation of water to the project for domestic/other uses during the construction and occupation stages.
- xviii) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.
- xix) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating in windows shall be used.
- xx) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- xxi) Adequate measures to reduce air and noise pollution during construction shall be adopted, conforming with norms prescribed by the TNPCB on noise limits.
- xxii) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- xxiii) The Project proponent is requested to indicate the probable date of commissioning of the project supported with necessary bar charts.
- xxiv) Adequate fire protection equipments and rescue arrangements should be made.

- xxv) Proper approach road for fire fighting vehicles and for rescue operations in the event of emergency shall be made.
- xxvi) Design of buildings should be in conformity with the Seismic Zone Classification.
- xxvii) All ECBC norms to be adopted.

Operation Phase

- i) The proponent shall design the STP for 1200 KLD capacity to treat the 1162 KLD of sewage.
- ii) The installation of the sewage treatment plant (STP) shall be certified by an independent expert and a report in this regard shall be sent to the SEIAA before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Pollution Control Board.
- iii) For disinfection of waste-water, system using ultra violet radiation shall be adopted.
- iv) The unit shall furnish separate plan of action for disposal of treated sewage for gardening, during monsoon.
- v) Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease.
- vi) A First Aid Room shall be provided during operation of the project.
- vii) The STP sludge shall be composted along with other biodegradable solid waste and used as manure.
- viii) The Plastic wastes shall be segregated and disposed through recyclers.
- ix) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
- x) The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards

prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.

- xi) Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.
- xii) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- xiii) Traffic congestion near the entry and exit points from the roads adjoining the proposed projects site shall be avoided. Parking shall be fully internalized and no public space should be utilized.
- xiv) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

PART-B. GENERAL CONDITIONS

- 1) It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.
- 2) In the case of any change(s) in the scope of the project, a fresh appraisal by the SEIAA shall be obtained.
- 3) The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the Environmental 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.
- 4) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980

and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the competent authorities.


5) The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that

- i) The project has been accorded Environmental Clearance.
- ii) Copies of clearance letters are available with the Tamil Nadu Pollution Control Board.
- iii) Environmental Clearance may also be seen on the website of the SEIAA.

The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the SEIAA.

- 6) All the stipulations stated under Part A and Part B above would be enforced in addition to the provisions of the 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.
- 7) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that Construction of the project has been started without obtaining Environmental Clearance, and for action for any violation of any condition stipulated in Part – A & Part – B of the Environmental Clearance.
- 8) This Environmental Clearance is subject to final orders of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ Petition (civil) No.460 of 2004 as may be applicable to this project.
- 9) This Environmental Clearance is valid for five years from the date of issue.
- 10) The project proponent shall also submit six monthly 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) to the Regional Office of MoEF, Bengaluru, the Zonal Office of CPCB, Bengaluru and the TNPCB. This shall also be put on the website of the Company by the proponent.

- 11) The proponent shall 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 Regional Office of MoEF, Bengaluru, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- 12) A copy of the clearance letter shall be sent by the proponent to the Commissioner, Villivakkam Panchayat Union, Thiruvallur Dt. and 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.


Member Secretary,
State Level Environment Impact
Assessment Authority,
Tamil Nadu.

Copy to:-

1. The Principal Secretary to Government, Environment & Forests Dept,
Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan,
CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy, Chennai-600 032.
4. The CCF, Regional Office, Ministry of Environment & Forest (SZ),
Kendriya Sadan, IV floor, E&F wings, 17th Main Road,
Koramangala II Block, Bangalore - 560034.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. The Commissioner, Villivakkam Panchayat Union, Thiruvallur Dt.
7. Stock File.

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY, TAMILNADU



3rd Floor, PanagalMaaligai,
No.1 Jeenis Road, Saidapet,
Chennai-15.

Received on 21/3/15

Letter No. SEIAA-TN/F -3173/2014/A/EC-Ext/AE-IV /2015/ Dt. 13 .03.2015

To
The Director,
M/s. K G Foundations Pvt Ltd
Marble Arch, Ground floor,
No 5, Bishop Wallers Avenue (E)
Mylapore
Chennai - 600 004

Sir,

Sub: SEIAA, Tamilnadu - Environmental Clearance – M/s. K G Foundations Pvt Ltd.- “SIGNATURE CITY” at S.F.No.4,5 etc Adayalampattu Village, Ambattur Taluk, Thiruvallur District under Category “BI” and Schedule S.No. 8(b) –Reg.

Ref: 1. Your application for EC to SEIAA-TN dated: 31.03.2009.
2. T.O.Letter No. SEIAA/TN/EC/8(b)/068/F-224/2009 /dated 24.11.2009
3. Your application for Revalidation of EC dated 24.11.2014.

This is with reference to your application made dated 24th November 2014 to SEIAA-TN vide reference 3rd cited, under item no. 8(b) category B of the schedule, for amendment and Revalidation of Environmental Clearance obtained dated 24.11.2009 under EIA Notification, 2006, for the Proposal of Construction of Residential complex at S.F.No.4,5 etc Adayalampattu Village, Ambattur Taluk, Thiruvallur District in the name of M/s. K G Foundations Pvt Ltd.- “SIGNATURE CITY”.

Original application seeking Environmental Clearance was made to the SEIAA-TN vide letter dated 31.03.2009 and Environmental Clearance accorded by SEIAA-TN vide Letter No. SEIAA/TN/EC/8(b)/068/F-224/2009 /dated 24.11.2009., for a total plot area of 47712.07 sq.mt and total Built-up area of 1,66,824.42 sq.mt.

But it is now reported by the proponent that there is reduction in built up area, hence total built up area is 161964.85 Sq.m.

Now it is reported that the proponent has completed construction of an area of 78827.75 sq.mt and also put in operation. The remaining area of 83137.10 sq.mt needs to be constructed. As the EC is expired, Revalidation of EC has been sought.

The proponent has informed that the plot area remains unaltered and that there is reduction in the total built up area.

Accordingly, the following amendment to the Environmental clearance 3rd cited is issued as follows:

1. The Para 2 of the Environmental clearance order in the reference 2nd cited may be deleted and the following Para may be inserted:

It is noted, interalia that the project proposal involves to construction of Residential cum commercial complex - "Signature City" comprising of Block A- Stilt +13 Floors with 104 units, Block B- Stilt +13 Floors with 104 units, Block C- Stilt +16 Floors with 256 units, Block D- Stilt +16 Floors with 256 units, Block E- Basement + Stilt +15 Floors with 390 units, Block F- Stilt +14 Floors with 98 units, Block G- Stilt +14 Floors + common basement for F & G block with 252 units & Club house- Ground Floor + 1st Floor + 2nd floor part. Total no. of dwelling units - 1460 units. Total number of occupants is 8200. The area of the plot is 47712.07 m² and the built up area is 161964.85 m². Water requirement for the project will be 1009 KLD and daily fresh water requirement will be 667 KLD (Domestic purposes-665 KLD & Swimming pool- 2 KLD), which will be met from CMWSSB. The sewage generated after treatment will be 830 KLD out of which 342 KLD will be recycled for flushing, 28 KLD will be utilized for Green Belt/Gardening, & 460 KLD will be disposed into CMWSSB Sewer line. Solid Waste generation has been projected as 4.92 MT /day out of which 2.95 MT /day of Biodegradable waste will be disposed using Bio Methanation plant put up based on BARC Technology as committed and 1.97 MT /day of Non-Biodegradable waste will be handed over to authorized recyclers as reported. The Bio-Sludge of 97 Kg/day from STP will be used as manure for gardening. Used/Spent oil of 105 liters/ annum will be handed over to authorized recyclers as reported. The Proponent has reported to provide (1) 19651.70 m² of covered Parking area (524 nos for car parking & 917 nos. for two wheeler parking), (2) 6944.00 m² of Open parking area (72 nos for car parking & 671 nos. for two wheeler parking) The power required will be of 12MW with backup power of 630 KVA: 1 no. with stack height 53 m from GL, 630 KVA: 1 no. with stack height 57 m from GL, 630 KVA: 1 no. with stack height 50 m from GL. The total cost of the project is about Rs. 143 Crores.

2. Similarly in Page no. 5, Specific conditions- Operation phase: Point No i) may be deleted and the following may be inserted:

- i) The Proponent shall design the STP of 550 & 400 KLD capacity each to treat the 874 KLD of sewage generated in the project.

Hence as per Rule 9 of the EIA Notification dated 14th September 2006, the State Environmental Impact Assessment Authority, after due consideration of the merits of the application filed for Revalidation of the EC by the proponent along with Form I and Form IA and along with pertinent annexure thereof decided to revalidate the EC. Accordingly, Extension to the EC already obtained on 24.11.2009/23.11.2014 is issued for a period of five years up to 22.11.2019.

All other terms and conditions of the EC already issued dated 24.11.2009 remain unaltered. The Authority reserves the right to add or revoke the conditions any time if needed.

The receipt of this letter may be acknowledged.

V. N. ———
MEMBER 13/3/15
SEIAA-TN
13/3/15

Copy To

1. The Principal Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF(C), Ministry of Environment & Forest Regional Office, 34, HEPC Building, 1st & 2nd floor, Cathedral Garden Road, Nungambakkam, Chennai - 600034.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. The Commissioner, Chennai Corporation, Rippon building Chennai.
7. Stock File

F. No. 22-27/2015-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA Division)

Indira Paryavaran Bhawan
All Ganj, Jor Bagh Road
New Delhi- 110003.

Dated the 12th April, 2016

OFFICE MEMORANUDM

Subject: Notifications issued by the Ministry of Environment, Forest, and Climate Change vide S.O. No. 1141 (E) dated 29.04.2015 and S.O. No. 2571 (E) dated 31.08.2015 under the provisions of the EIA Notification 2006 regarding extension of Validity of Environmental Clearance-Clarification regarding.

The undersigned is directed to inform that in respect of the subject mentioned above, the Ministry has decided to clarify the applicability of the Notifications as under:

- (i) The Environmental Clearance of the projects which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, their validity will stand automatically extended to seven (7) years.
- (ii) The Environmental Clearance of the projects which have completed five (5) years on the date of publication of Notification i.e. 29.04.2015 and the project proponents submitted application for extension of their validity within the validity period of five (5) years, the validity of such environmental clearances will also be extended to seven (7) years.
- (iii) The Environmental Clearance of the projects which have completed five (5) years on the date of publication of Notification i.e. 29.04.2015 and application of seeking extension of validity has not been submitted within the validity period by the project proponent, their extension of validity will be decided on case to case basis.

This issues with the approval of the Competent Authority.


(Dr. Satish C. Garkoti)
Scientist 'F'

To

1. All ~~the~~ Officers of IA Division
2. Chairpersons / Member Secretaries of all the SEIAAs / SEACs
3. Chairman, CPCB
4. Chairpersons / Member Secretaries of all SPCBs / UTPCCs

Copy to:

1. PS to HMEFCC
2. PPS to Secretary (EFCC)
3. PPS to SS(SK)
4. PS to JS(MKS)/PS to JS(BS) / ps to JS(GB)
5. Website of MoEFCC
6. Guard File