

Sub: SEIAA, Kerala, Proposed Master Plan Development of an IT/ITES, SEZ township construction project at Kakkanad and Puthencruz Village, Kanayannur Taluk, Ernakulam District by Smart City Kochi Infrastructure Pvt. Ltd - Environmental Clearance - Accorded - Orders issued.

State Environmental Impact Assessment Authority

No. 184/SEIAA/3792/2013

dated: 1/10/2014

- Ref:
1. Application dated 27.12.2013 submitted by the Chief Executive Officer, Smart City Kochi Infrastructure Pvt. Ltd, Brahmapuram (P.O), Kochi - 682303.
 2. Minutes of the 25th meeting of the SEAC held on 14th and 15th February 2014.
 3. Minutes of the 39th meeting of the SEAC held on 6th and 7th June 2014.
 4. Letter dated 27.01.2014 of the Chief Executive Officer, Smart City, Kochi Infrastructure Pvt. Ltd
 5. Minutes of the 33rd meeting of SEIAA held on 24.09.2014

Order

The Chief Executive Officer of the Smart City Kochi, Infrastructure Pvt. Ltd, Brahmapuram (P.O), Kochi - 682303, as per his letter first cited, submitted application for Environmental Clearance (EC) for the proposed Master Plan Development of an IT/ITES, SEZ township in Kakkanad and Puthencruz Villages of Kanayannur Taluk, Ernakulam District, in the land comprised in the Survey Numbers annexured hereto. Plot area comes to 99.87441 hectares with 18, 92,868 M² of built up area. Environmental Clearance has been accorded to phase 1 of the Project by SEIAA, Kerala vide order No. 105/SEIAA/KL/1692/2013 dated 23.08.2013, for an area of 4.5780 hectare and built up area 63,945.50 M². The proposed project development includes the already cleared development. On completion it is poised to be an IT/ITES township of about 246 hectare. The proposed SEZ is expected to provide a multitude of business support centres for residential hospitals, retail and recreational facilities and generate over 90,000 jobs directly in addition to providing impetus to local and regional socio-economic growth.

2. As per the letter second cited, the project proponent has furnished a detailed Environmental Impact Assessment (EIA) Report, which describes the components of the project as:

1. Development of IT/ITES sector, comprising of establishment of IT Park and related infrastructure and IT Promotion Service.
2. Development of IT/ITES Skills focussing on generic skills for IT/ITES sector, distance learning facilities/course Management system for IT Skills development and IT Entrepreneurship Development Programme.
3. Strengthening the Financial Sector, aiming at IT's use for IT System up gradation in the Banks of Kerala, preparation of financial sector IT Development strategic plan and development of an inter-bank Electronic Fund Transfer clearing system. The implementing organisation is the Smart City (Kochi) Infrastructure Pvt. Ltd, Brahmapuram P.O., Kochi, Kerala - 682303. The land for the proposed development is in three parcels. Land A (53.1809 hectare) Land B (41.0518 hectare) and Land C (5.6417 hectare), comprising in Block 9 of Kakkanad Village, Thrikkakara Municipality, Block 37, Puthencruz Village, Vadavucode Puthencruz grama panchayath and Block 9, Kakkanad Village, Thrikkakara Municipality respectively in Kanayannur Taluk, Ernakulam District, more explicitly detailed in the Annexure 1. The project boundaries are 10°00'55.56" to 9°59'47.13" Latitude (N) and 76°22'34.22" to 76°21'58.53" longitude (E).

3. The EIA report in Chapter 4 (Pages 4.1 to 4.33) identifies the anticipated impacts in detail and the initiative measures thereof have been proposed in Chapter 5 (Pages 5.1 to 5.9). Additional studies related to disaster management and resource conservation have been reported in chapter 6 (pages 6.1 to 6.12). Para 6.5 categorically pertains to Corporate Social Responsibility (CSR). The proponent has consented to spend Rs.15.28 cores as CSR as given in the affidavit submitted.

The EIA report also provides a specific Environment Management Plan (EMP) in chapter 8 of the EIA report (Pages 8.1 to 8.58), which spells out the mitigation measures for each Environmental Impact identified. No forest land is involved in the project site. Total cost of the project is Rs. 764 crores, being the investment of the project proponent. The individual plots to be leased out to the investors will have their investment in construction of buildings and the investment thereon is estimated to be Rs.4360 crores. Construction of the project is expected to be completed by 2020.

4.1 The application and related documents were placed in the 25th meeting of SEAC held on 14th and 15th February 2014 for appraisal. The project proponent made a brief presentation of the proposal. The project comes under category 8 (b) of the schedule of EIA notification 2006.

The Committee evaluated the EIA report submitted by the proponent based on the model ToR proposed by MoEF and approved the same. The Committee appreciated the proponent's effort in presenting a clear cut master plan of the project. The proponent stated that there is a sacred grove (called as Edachira Kaavu) in about 20 cents of land in the revenue porambokke outside the project site which is not managed by any one as of now. The proponent assured that they shall take every possible measure to maintain and conserve the serenity of the region. As stated by the proponent, a part of the project site is low lying area which is not wet land and the character of the land is recorded as Jenmabhoomi in land documents. In that land, an area is set aside as lotus pond which can act as a buffer during flooding as some sort of meandering is expected in the area during heavy rains. Soft landscaping of 10 m wide area with suitable species to absorb the impact of flooding, and bio fencing is also being planned as no construction of retaining wall or any other masonry structure is proposed for the project. It is also proposed to have thick belt of shelter plantation on the SW side of land B. It is proposed to have decentralized WTP for every parcel of land. The proponent has stated that they have left 7 acres of land in the project site for disposal and treatment of waste. The proponent assured that as per the calculations only, 1 hectare of land is required for processing 100 MT of waste and for 30 MT of proposed waste generation for the project only 3 acres of land is required for which they have additionally provided 4 acres against the actual requirement. The proponent has also stated that the processing of 30 T of waste shall be done in different processing units instead of a single unit. The proponent has assured that sufficient set back has been left from HT KSEB tower line and GAIL gas pipe line located within the project site, which the Committee wanted to ascertain in a site visit. The proponent has stated that no plot boundaries are envisaged in the present project and the project has started with the road network. Dedicated cycling zones around the building are also proposed. It was also stated that the labour colony is located in the site of Phase 5 development with STP and other facilities for the same and is designed in such a way that it will remain undisturbed and could be efficiently utilized till Phase 5, which is the final phase of the project envisaged to be completed in 2020. The Committee found that some of the values of water quality of samples taken from within the site exceeded the prescribed limits and hence directed the proponent to provide the details to address the same. SEAC directed the proponent to conserve every drop of water in the site as there was concern since the water requirement for the project is entirely dependent of Kerala Water Authority and RWH. The proponent stated that no ground water abstraction is envisaged for the project.

4.2 The proponent has provided the list of 18 species of endemic plants in the project site along with the details of indicator species and stated that they shall conserve the same within the butterfly garden, the concept of earmarking a specific area for nectar plants and host plants for butterflies, as 47 species of butterflies were spotted in the site during ecological assessment. The Committee sought assurance from the proponent that the endemic species of plants within the site shall be preserved. It was also directed to do the biodiversity assessment once in every

five years especially with respect to the amphibians, butterflies, lichens and endemic plants in the area. The proponent stated that dredging is required for the project as two numbers of jetty services are proposed in the project. The Committee stated that dredging for clearing the channel shall be permitted and the same shall be mentioned in the Environmental Clearance.

4.3 Regarding CSR activities, the proponent stated that they have set aside approximately Rs. 15 crores for spending towards CSR during construction phase and the activities which are proposed is made after conducting community need assessment study in the area. The Committee sought assurance from the proponent regarding the same. It was suggested that proper housing facility to the poor in and around the project site and also a water way from Kakkanad to Smart City. The Committee asked the proponent as to why they have not mentioned anything about the Fire and Rescue system proposed for the mega project. To this end the proponent stated that a Fire Station is proposed in the Infopark Phase 2 site which is in front of the present project site. Overall, the Committee was satisfied with the proposed master plan of the project and lauded the effort from the part of the proponent in bringing out the real essence of the project from environmental angle.

SEAC also decided that a site visit to ascertain the ground realities, especially, the nature of land as to whether there is any wetland, location of HT KSEB tower line and GAIL gas pipe line with respect to the project site and directing the proponent to provide the following to SEAC for further processing of the application:

1. Details of proposed measures to be taken to maintain the water quality standards within the prescribed limits.
2. Assurance in the form of affidavit that the endemic species of plants within the site shall be preserved.
3. Assurance in the form of affidavit that CSR activities, as committed before the Committee shall be implemented.

5. A subcommittee of SEAC having the Chairman and Member conducted the site visit on 4.03.2014 and reported as under:

Left side of the project site is flood plains of Kadambayar and Right side is the confluence of Edachira thodu with Kadambayar. The site is located partly in the laterite covered gently undulating mounts and mostly in the flood plains of Kadambayar and Edachira thodu. It is necessary to maintain the health of river and water body and prevent any act of pollution. It is necessary to maintain the health of river and water body and prevent any act of pollution. It is also necessary to maintain sufficient greenery as of today in the area. Large scale modification of landform by cutting and filling can also be avoided. External earth for filling the waterlogged area is to be prevented. Considering these following are suggested:-

- A buffer distance of > 10 m is to be maintained by the side of Edachira thodu as bio- shield with native vegetation.
- Kadambayar along with its puramboke land is to be left as such without any kind of encroachment. Native species is to be promoted in this area. This area is to be left for flood cushion.
- As far as possible external earth should not be brought into the Smart city land. The material available from excavations must be used for filling. Buildings must be constructed with minimum changes to the existing topography. *(It is seen that the plot of first phase is cut and levelled with scant regard for the existing landform)* In case large quantity is required it must be done only with sufficient justification and concurrence of SEIAA.
- One third of the area is to be maintained as green belt with greenery.
- RWH proposed in the conceptual plan must be provided.
- Use of reflective surfaces on the walls of the buildings to be avoided to eliminate formation of heat islands.
- Storm water drainage plans to be firmed up.
- Internal traffic needs planning and parking facilities not less than KMBR.
- Fencing and compound wall especially for the secure areas.

- The sacred grove in the NE part beyond the limits of the Smart City.

Meanwhile the project proponent furnished details as called for by SEAC in the 25th meeting as to measures taken to maintain water quality standards within the prescribed limits, and assurance in the form of affidavit that the endemic plants in the site will be preserved and that CSR activities as assured to the SEAC will be implemented. The report of the site visit and further undertaking given as affidavits by the project proponent was considered by SEAC in its 30th meeting held on 6th and 7th June 2014. SEAC recommended for E.C to the project stipulating the following specific and also as per the usual general conditions:

1. Kadambraya along with its paramboke land is to be left as such without any kind of encroachment. Native species is to be promoted in this area. This area is to be left for flood cushion.
2. As far as possible external earth should not be brought into the Smart city land. The material available from excavations must be used for filling. Buildings must be constructed with minimum changes to the existing topography. In case large quantity is required it must be done only with sufficient justification and concurrence of SEIAA.
3. One third of the area is to be maintained as green belt with greenery.
4. RWH proposed in the conceptual plan must be provided.
5. Use of reflective surfaces on the walls of the buildings to be avoided to eliminate formation of heat islands.
6. Storm water drainage plans to be firmed up.
7. Internal traffic needs planning and parking facilities not less than KMBR.
8. Fencing and compound wall has to be provided, especially for the secure areas.

6. The 33rd meeting of the SEIAA held on 24.09.2014 examined the application in detail in the light of the recommendations of SEAC, EIA report and undertakings given by project proponent. On being satisfied that the required procedural formalities have been duly met and adequate environmental safeguards have been envisaged a part of the project, including CSR, the SEIAA approved the project for issue of Environmental Clearance subject to all the specific conditions herein and general conditions Annexure 2, assured initiative measures as per Chapter 8 of the EIA report (Pages 8.1 to 8.58, which shall be deemed to be part of this proceedings) and also subject to all the eight conditions referred to in para 5 above. The project proponent shall also abide by the undertakings given in his letter dated 15.05.2014 and sworn affidavit executed on 16.05.2014 on water quality, and preservation of endemic plants in the site. Also the project proponent shall provide Rs. 15.00 crores (Rs. Fifteen crores only) towards Corporate Social Responsibility as committed, to be utilised for the general benefit of the people of the project areas.

7. E-wastes shall be stored in an earmarked and covered area and disposed of as per e-wastes (Management & Handling) Rules, 2012.

8. Keeping in view, of the rainfall, storm water drainage system shall be developed to carry the runoff, which shall be then collected in rain water collection ponds and tanks. The surplus runoff shall be guided into the water bodies flowing along the periphery of the township.

- Rain water collection tanks in individual plots (Non-flushing req.) (Storage capacity equivalent to 15 days of daily fresh water requirement). Total capacity of rain water storage tanks would be 100 ML.
 - Stored Rain water in ponds (Non-flushing req.) (Non-rainy days) (storage capacity equivalent to 15 days of daily fresh water requirement) (one pond each land parcel), total capacity of 100 ML)
9. Solar Power Plants, Solar Water Heaters and solar operated Street Lights shall be provided and solar energy shall be utilised wherever possible.

10. The cost of the study and design for clearing the channels for the proposed ~~major~~ Services will be permissible.

11. Environmental clearance under the EIA notification 2006 is hereby accorded for the proposed Master Plan Development project of M/s. Smart City Kochi Infrastructure Pvt. Ltd, Brahamapuram, Kochi - 682303, to be established at the location more specifically described in the Annexure-I, subject to all the specific conditions stipulated in pre paragraphs and general conditions in Annexure -2.

12. Validity of the EC will be five years from 1.10.2014, provided that it will be reviewed at any time during the validity, in case violation or non compliance of any of the conditions stipulated herein.

13. Violation of any of the above conditions in any manner would entail cancellation of this order.

14. i) Compliance of the conditions herein will be monitored by the Directorate of Environment and Climate Change or its agencies and also by the Regional office of the Ministry of Environment and Forests, Govt. of India, Bangalore.
- ii) Necessary assistance for entry and inspection should be provided by the project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.
- iii) Instances of violation if any shall be reported to the District Collector, Ernakulam to take legal action under the Environment (Protection) Act 1986.
- iv) The given address for correspondence with the authorised signatory of the project is,

Sri. Gigo Joseph
Chief Executive Officer,
M/s Smart City (Kochi) Infrastructure Pvt. Ltd
Brhamapuram (P.O), Kochi, Kerala - 682303
Telephone No: 0484 3080000
Fax No:0484 30800099
e-mail: cco@smartcitykochi.in

v) Agency with NABT accreditation for EIA is M/s. Environmental Engineering and Consultants Pvt. Ltd, A1-198, Janakapuri, New Delhi - 110058




for Member Secretary (SEIAA)

To

Sri. Gigo Joseph
Chief Executive Officer,
M/s Smart City (Kochi) Infrastructure Pvt. Ltd
Brhamapuram (P.O), Kochi, Kerala - 682303

Copy to:

1. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110001
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, Ernakulam
6. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Triv - 24.

7. Chairman SZIAA Kerala
8. Website
9. O/c
10. Stock file

ANNEXURE 1

640/1, 640/2, 640/3, 640/5, 641/1, 641/10, 641/25, 641/29, 641/30, 642/1, 642/3, 642/4, 642/5, 642/6, 642/7, 642/8A, 642/8B, 642/9, 642/10, 642/10, 642/11, 642/12, 642/13, 642/14, 642/15, 642/16, 642/17, 642/18, 642/19, 642/20, 642/21, 642/22, 642/23, 642/24, 642/25, 642/26, 642/27, 642/28, 642/29, 642/30, 642/31, 642/32, 642/33, 643/1, 643/2, 643/3, 643/4, 643/5, 643/6, 643/7, 643/8, 643/9, 643/10, 643/11, 643/12, 643/13, 643/14, 643/15, 643/16, 643/17, 643/18, 643/19, 643/20, 643/21, 643/22, 643/23, 643/24, 643/25, 643/26, 643/27, 643/28, 643/29, 643/30, 643/31, 643/32, 643/33, 643/34, 643/35, 643/36, 643/37, 643/38, 643/39, 643/40, 643/41, 643/42, 643/43, 643/44, 643/45, 643/46, 643/47, 643/48, 643/49, 643/50, 643/51, 643/52, 643/53, 643/54, 643/55, 643/56, 643/57, 644/1, 644/2, 644/3, 644/4, 644/5, 644/6, 644/7, 644/8, 644/9, 644/10, 644/11, 644/12, 644/13, 644/14, 644/15, 645/1, 645/2, 645/3, 645/4, 645/5, 645/6, 645/7, 645/8, 645/9, 645/10, 645/11, 645/12, 645/13, 645/14, 645/15, 645/16, 645/17, 645/18, 645/19, 646/1, 646/2, 646/3, 646/4, 646/5, 646/6, 646/7, 646/8, 646/9, 646/10, 647/1, 647/2, 647/3, 647/4, 647/5, 647/6, 647/7, 648/1, 648/2, 648/3, 648/4, 648/5, 648/6, 648/7, 648/8, 648/9, 648/10, 648/11, 648/12, 648/13, 648/14, 648/15, 648/16, 648/17, 648/18, 648/19, 648/20, 649/1, 649/2, 649/3, 649/4, 649/5, 649/6, 649/7, 649/8, 649/9, 649/10, 649/11, 649/12, 649/13, 649/14, 649/15, 650/1, 650/2, 650/3, 650/4, 650/5, 650/6, 650/7, 650/8, 650/9, 650/10, 650/11, 650/12, 650/13, 650/14, 650/15, 650/16, 650/17, 650/18, 650/19, 650/20, 650/21, 650/22, 650/23, 650/24, 650/25, 651/1, 651/2, 651/3, 651/4, 651/5, 651/6, 651/7, 652/1, 652/2, 652/3, 652/4, 652/5, 652/6, 653/1, 653/2, 653/3, 653/4, 653/5, 653/6, 653/7, 653/8, 654/1, 654/2, 654/3, 654/4, 654/5, 654/6, 654/7, 654/8, 654/9, 654/10, 654/11, 654/12, 654/13, 654/14, 655/1, 655/2, 655/3, 655/4, 655/5, 655/6, 655/7, 655/8, 655/9, 655/10, 655/11, 655/12, 655/13, 655/14, 655/15, 655/16, 655/17, 655/18, 655/19, 656/9, 665/9, 665/16, 665/17, 666/1, 666/2, 666/3, 666/4, 666/5, 666/6, 666/7, 666/8, 666/9, 666/10, 686/5, 686/6, 686/14, 687/21, 689/1, 704/1, 704/2, 705/1, 705/1B, 705/1C, 705/2, 705/3, 705/4, 705/5, 705/6, 706/1, 706/2, 706/3, 706/4, 706/5, 706/6, 706/7, 706/8, 706/9, 706/10, 706/11, 706/12, 706/13, 706/14, 706/15, 706/16, 706/17, 706/18, 706/19, 707/2, 707/6, 707/7, 707/8, 707/9, 707/10, 707/11, 707/12, 707/13, 708/1, 708/2part, 708/3, 708/4, 708/5, 708/6, 708/7, 709/1, 709/2, 709/3, 709/4, 709/5, 709/6, 709/7, 709/8, 709/9, 709/10, 709/11, 709/12, 709/13, 709/14, 709/15, 709/16, 709/17, 709/18, 709/19, 709/20, 709/21, 709/22, 710/1, 710/2, 710/3, 710/4, 710/5, 710/6, 710/7, 710/8, 710/9, 710/10, 710/11, 710/12, 710/13, 711/1, 711/2, 711/3, 711/4, 711/5, 711/6, 711/7, 711/8, 711/9, 711/10, 711/11, 712/1, 712/2, 712/3, 712/4, 712/5, 712/6, 712/7, 712/8, 712/9, 712/10, 712/11, 712/12, 712/13, 712/14, 712/15, 712/16, 712/17, 712/18, 712/19, 722/3, 722/4, 722/5, 722/6 Block No. 9, Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala

62/1, 62/2, 62/3, 62/4, 62/5, 62/6, 62/7, 62/8 part, 62/9 part, 62/10, 62/11, 62/12, 62/13, 62/14, 62/15, 62/16, 62/17, 62/18, 62/19, 62/20, 62/21, 62/22, 62/23, 62/24, 62/25, 63/2, 63/3, 63/4, 63/5, 63/6, 63/7, 63/8, 63/9, 63/10, 63/11, 63/12, 63/13, 63/14, 63/15, 63/16, 67/1, 67/2, 67/3, 67/4, 67/5, 67/6, 67/7, 67/8, 67/9, 67/10, 67/11, 67/12, 67/13, 67/14, 67/15, 67/16, 67/17, 67/18, 67/19, 67/20, 67/21, 67/22, 67/23, 67/24, 67/25, 67/26, 67/27, 67/28, 68/1, 68/2, 68/3, 68/4, 68/5, 68/6, 68/7, 68/8, 68/9, 68/10, 68/11, 68/12, 68/13, 68/14, 68/15, 68/16, 68/17, 68/18, 68/19, 68/20, 68/21, 68/22, 68/23, 68/24, 68/25, 68/26, 68/27, 68/28, 68/29, 68/30, 68/31, 68/32, 68/33, 68/34, 68/35, 68/36, 68/37, 68/38, 68/39, 68/40, 68/41, 68/42, 68/43, 69/1, 69/2, 69/3, 69/4, 69/5, 69/6, 69/7, 69/8, 69/9, 69/10, 69/11, 69/12, 69/13, 69/14, 69/15, 69/16, 69/17, 69/18, 69/19, 70/1, 70/2, 70/3, 70/4, 70/5, 70/6, 70/7, 70/8, 70/9, 70/10, 70/11, 70/12, 70/13, 70/14, 71/1, 71/2, 71/3, 71/4, 71/5, 71/6, 71/7, 71/8, 71/9, 71/10, 71/11, 71/12, 71/13, 71/14, 71/15,

71/16, 71/17, 71/18, 71/19, 71/20, 71/21, 71/22, 71/23, 71/24, 71/25, 72/1, 72/2, 72/3, 72/4, 72/5, 72/6, 72/7, 72/8, 72/9, 72/10, 72/11, 72/12, 72/13, 72/14, 72/15, 72/16, 72/17, 72/18, 72/19, 72/20, 72/21, 72/22, 72/23, 72/24, 72/25, 73/1part, 73/2, 73/3, 73/4, 73/5part, 73/6, 73/7part, 73/8part, 73/9, 73/10, 73/11, 73/12, 73/13, 73/14part, 73/15part, 73/16part, 73/17, 73/18, 73/19, 73/20, 73/21, 73/22, 73/23, 73/24, 73/25, 73/26, 73/27, 73/28, 73/29, 73/30, 73/31, 73/32, 73/33, 74/1, 74/2part, 74/3, 74/4, 74/5, 74/6, 74/7, 74/8, 74/9, 74/10, 74/11, 74/12, 74/13, 74/14, 74/15, 74/16, 101/2part, 101/4part, 103/1part, 103/15part, 103/16part, 104/1part, 104/6part, 104/7, 104/8, 104/9, 104/13part, 104/14part, 104/15, 104/16, 104/17, 104/18, 104/19, 104/20, 104/21, 104/22, 104/23, 104/24, 104/25, 104/26, 104/27, 104/28, 104/29, 104/30, 104/31, 104/32, 104/33, 104/34, 105/1, 105/2, 105/3, 105/4, 105/5, 105/6, 105/7, 105/8, 105/9, 105/10, 105/11, 105/12, 105/13, 105/14, 105/15, 105/16, 105/17, 105/18, 105/19, 105/20, 105/21, 105/22, 105/23, 106/1part, 106/2, 106/3, 106/4, 106/5, 106/6, 106/7, 106/8, 106/9, 106/10, 107/1part, 107/2part, 107/3part, 107/4, 107/5, 107/6, 107/7, 107/8, 107/9, 107/10, 107/11, 107/12part, 107/13, 107/14part, 107/15, 107/16, 107/17, 107/18, 107/19part, 107/20part, 108/1, 108/2, 108/3, 108/4, 108/5, 108/6, 108/7, 108/8, 108/14part, 108/16part, 108/19, 109/1, 109/3part, 109/4part, 109/5part, 109/6part, 109/8part, 109/9, 109/10, 109/11part, 109/12part, 109/14part, 109/15part, 109/16part, 109/17, 109/18part, 109/22part, 109/23, 105/3, 109/1, 109/11part, 109/4part, 109/3part, 109/2 Block No.37.

ANNEXURE II


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 be obtained before initiating activity.
- (x) All other statutory clearances should be 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 safety 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.




C.S. YALAKKI IFS
DIRECTOR
Department of Environment & Climate Change
Pallimukku, Pettah
Thiruvananthapuram-24