



सत्यमेव जयते

State Level Environment Impact Assessment Authority (SEIAA)

CE-I PESHI

Andhra Pradesh
Government of India
Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad-500 018

APIIC LTD.
INWARD SECTION

19 APR 2017

BY REGD. POST WITH ACK DUE

19 APR 2017

No. 92/26

Order No. SEIAA/ AP/CTR/CON/02/2017/287-

Dt:03.04.2017.

Sub: SEIAA, A.P. - Development of Industrial Park Pileru at Doddipalli, Vepulabylu, Mudupulavemula, Bodumalluvaripalli Villages, Pileru Mandal, Chittoor District, A.P. - Environmental Clearance - Issued - Reg.

- CE-I*
Process
18/4/17
GC/ERP
20/4
- I. This has reference to your application submitted vide lr. dt. 16.02.2017 ,seeking Environmental Clearance for the proposed **Industrial Park Pileru at Doddipalli, Vepulabylu, Mudupulavemula, Bodumalluvaripalli Villages, Pileru Mandal, Chittoor District, A.P.** The capital cost of the project is Rs. 132.6 Crores. It was reported that the main industrial units which are proposed within the industrial park are Light Engineering industries, Textiles & Apparels, Electrical & electronics industries, Agro, Food and Allied industries, Spun pipes, MSME (Micro, small & Medium Enterprises), ^{units} Leather and footwear manufacturing, Paper products, Glass and ceramic, e- Waste and plastic, Spinning industries, Greenhouse for sericulture.
 - II. It was reported that total site/plot area of the project is Ac. 643.01, Out of that Plotted/industrial area is Ac.428.15; Road area is Ac. 90.41; Common Facilities area is Ac. 19.37; and green belt & open area is Ac. 105.08.
 - III. The source of fresh water is Pincha river/HNSS Canal. The total water requirement shall not exceed 4565 KLD. Out of that fresh water required is 2496 and recycled is 2069 KLD .The effluent generated 1713 KLD is to be treated in CETP of capacity 2MLD and the treated waste water is reused for flushing/ floor wash/green belt.The Sewage generated is 466 KLD. The sewage generated from the project is to be treated in CSTP of capacity 0.5 MLD and used for greenbelt/ Floor Wash. The Solid waste generation is 2891 kg/day, and it is disposed to local municipalities/compost plant. The CSTP sludge 68kg/day generated will be used as manure. The hazardous waste i.e., the industrial waste 428 kg/day is disposed to TSDF/ sent to Authorized Recyclers, Chemical waste 642 kg/day is disposed to TSDF, waste oil 1430 kg/month is disposed to TSDF / Authorised recyclers, used batteries 286 nos/annum will be sent to Authorized Recyclers, waste from Recycling facilities 2860 kg/month is disposed to TSDF/ sent to Authorized Recyclers.
 - IV. The proposal has been examined and processed in accordance with EIA Notification, 2006 & its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the proposal in its meetings held on 23.02.2017. The representative of project proponent and their consultant M/s. Ramky Enviro Engineers Ltd., have attended the meeting and they presented the final EIA report for the proposed Development of New Industrial Park, Pileru. The Committee noted that earlier TOR issued on 10.12.2015 with validity period of 3 years. The project proponent submitted the final EIA report along with public hearing minutes through online on 16.02.2017 and requested for EC. The Committee noted that the proposed project falls under Item 7(c) of the schedule of the EIA Notification 2006.The Committee recommended for issue of Environmental clearance to this proposed construction of New

Industrial Park Pileru by APIIC with project area:260.34 hectares duly stipulating the following conditions as committed by the APIIC during this meeting:

- (i) The APIIC shall adopt the Zero Liquid Discharge system (ZLD) for the treatment and disposal of effluents. (ii). On the north-eastern side of the HNSS canal, only green category industries shall be proposed with ZLD system by each proposed green category industry, for treatment and disposal and there shall not any discharge from these units under any circumstances. (iii). The Common Effluent Treatment (CETP) shall be constructed on the southern side of HNSS canal for the proposed industrial units ('Category-B' only). (iv) Wastewater generated from all industrial units shall be treated in Common Effluent Treatment Plant (CETP). The industrial and domestic effluents shall be collected and transported through dedicated separate pipelines and shall be treated in CETP- 2.0 MLD and CSTP-0.5 MLD respectively. (V). The APIIC shall take precautionary measures with construction of compound wall on either side of the canal, so that no surface runoff, wastewater, etc., will enter into the HNSS canal. (vi). The APIIC shall develop greenbelt 50 m wide buffer along the Pincha river. (vii). In all 33% of the total area shall be maintained as greenbelt development areas at Industrial Park level, out of which half at Industrial Park level and remaining half of greenbelt shall be maintained by individual plot owners for which the APIIC shall mention this condition while giving the allotment letter to the proposed industrial units in the Industrial Park. (viii) APIIC shall obtain the necessary permissions from the Irrigation Dept. on the potential availability of water for the proposed Industrial Park.

The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 10.03.2017 examined the proposal and the recommendations of SEAC, and decided to issue EC with a condition that the APIIC shall develop greenbelt 50 meters wide buffer with tall plant species and shall maintain proper strong embankments all along the Pincha River. The SEIAA, A.P hereby **accords prior Environmental Clearance to the project** as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

PART – A: SPECIFIC CONDITIONS:

- (i) The APIIC shall adopt the Zero Liquid Discharge system (ZLD) for the treatment and disposal of effluents.
- (ii) On the north-eastern side of the HNSS canal, only green category industries shall be proposed with ZLD system by each proposed green category industry, for treatment and disposal and there shall not any discharge from these units under any circumstances
- (iii) The Common Effluent Treatment (CETP) shall be constructed on the southern side of HNSS canal for the proposed industrial units ('Category-B' only).
- (iv) Wastewater generated from all industrial units shall be treated in Common Effluent Treatment Plant (CETP). The industrial and domestic effluents shall be collected and transported through dedicated separate pipelines and shall be treated in CETP- 2.0 MLD and CSTP-0.5 MLD respectively.
- (v) The APIIC shall take precautionary measures with construction of compound wall on either side of the canal, so that no surface runoff, wastewater, etc., will enter into the HNSS canal.
- (vi) In all 33% of the total area shall be maintained as greenbelt development areas at Industrial Park level, out of which half at Industrial Park level and remaining half of

- (xxiii) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.

II. Occupational Phase:

- (i) The installation of the common Sewage Treatment Plant (CSTP) should be certified by an independent expert and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms & standards of the Andhra Pradesh Pollution Control Board. Common Sewage Treatment Plant should be monitored on a regular basis. No effluent shall be disposed outside the premises and Zero Liquid Discharge Concepts shall be adopted.
- (ii) As an integral part of the park, the APIIC shall build the Common Effluent Treatment Plant and make it ready to be used by the project proponents in the park, similar to other infrastructures such as Roads and drainage systems.
- (iii) Greenbelt shall be developed in an area of 33% of the total area of the Park as committed, along the boundary, vacant places and within the industrial plots.
- (iv) Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
- (v) The solid waste generated should be properly collected & segregated before disposal to the City Municipal Facility. The organic waste shall be composted.
- (vi) The D.G. Sets shall be provided with acoustic enclosures and adequate stack height as per CPCB norms. The fuel used for the diesel generator sets should be low sulphur diesel and should conform to E (P) Rules prescribed for air and noise emission standards.
- (vii) Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Andhra Pradesh Pollution Control Board.
- (viii) 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 by the MoE&F, GOI/CPCB. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- (ix) Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- (x) 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 hybrid systems or fully solar system for a portion of the apartments should be provided.

- (xi) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- (xii) Adequate number of parking spaces shall be provided for visitor vehicles. Rest room facilities should be provided for service population. The proponent shall provide public convenience facilities such as toilets, bathrooms, waiting rooms etc. for the drivers, workers etc. so as to maintain cleanness/hygienic conditions in the surroundings of the project.
- (xiii) The proponent shall comply with Energy Conservation Practices, Energy efficient practices and energy audit practices. Wherever feasible, green building concepts shall be adopted. Use of solar panels may be done to the extent possible.
- (xiv) Adequate measures should be taken to prevent odour problem from solid waste processing plant and CSTP.

Part – B. General Conditions:

- (i) **This order is valid for a period of 7 years.**
- (ii) "Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any construction work at site.
- (iii) The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order & monitoring reports in hard and soft copies to the SEIAA and Ministry's Regional office, Bangalore on 1st June and 1st December of each calendar year.
- (iv) Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office, MoE&F, Bangalore.
- (v) In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this SEIAA. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA, AP.
- (vi) The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- (vii) The proponent shall obtain clearance from Fire Department. All other statutory clearances shall be obtained, as applicable by project proponents from the competent authorities.
- (viii) The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Andhra Pradesh Pollution Control Board. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Chennai.