

F.No.21-181/2014-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Dated: 30th September, 2016

To

The Managing Director,
M/s State Industries Promotion Corporation of Tamil Nadu Ltd,
19/A, Rukmani Lakshmi Pathy Road, Egmore,
Chennai - 600 008 (Tamil Nadu)

Sub: 'Development of SIPCOT Industrial Park' in Taluka Cheyyar, District Tiruvannamalai (Tamil Nadu) by M/s State Industries Promotion Corporation of Tamil Nadu Limited - Environmental Clearance - reg.

Sir,

This has reference to your application No.DI/EIA-Cheyyar/2016 dated 22.06.2016, submitting the above proposal to this Ministry for grant of Environmental Clearance (EC) in term of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for '**Development of SIPCOT Industrial Park**' in Taluka Cheyyar, District Tiruvannamalai (Tamil Nadu) promoted by M/s State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT), was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its 160th meeting held on 28-29 June, 2016.

3. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said EAC meeting, are reported to be as under:-

(i) The project involves development of Industrial Park in a total area of 931.015 ha in Taluka Cheyyar, District Tiruvannamalai (Tamil Nadu) promoted by M/s State Industries Promotion Corporation of Tamil Nadu Limited. The project location is in the revenue limits of Mangal, Kunnavakkam, Mathur, karanai, Chellaperumbulimedu, Perumbulimedu, Ukkamperrumbakkam, Shozhavaram, Alinjalpattu and Mahajanambakkam villages in Cheyyar Taluk, District Thiruvannamalai (Tamil Nadu).

(ii) The geographical location is 12° 41 '36.50"N to 12° 44 '12.32"N Latitude and 79° 37' 20.20"E to 79° 41' 15.09"E Longitude.

(iii) The proposed park will house industrial units namely, metallurgical industries [item 3(a)] and Induction/Arc Furnaces/Cupola Furnaces of TPH or more [item 5(k)].

(iv) The water demand to the tune of 1 MGD will be made available through SIPCOT managed water supply systems from River Cheyyar. "Zero Waste Objectives" will be mandated to all member industries as precondition for land allotment.

(v) The member units will be mandated to establish ETPs as Zero Liquid Discharge Plants, to reclaim water for reuse/recycle in the utilities, green belt and washings.

(vi) The process solid waste, sludge from ETP/STP will be stored temporally in closed shed, having concrete floor.

(vii) The sludge will be transferred, periodically as per the plan, for pretreatment in Incinerator, if needed and final disposal into Secured land fill. Approved facility for Hazardous Solid waste Management Facility which is in operation at Gummidipoondi, to which the IP members units will transfer the Solid waste.

(viii) All member units will be mandated to develop atleast 35% of the allotted plot area as Green belt with plant and trees.

(ix) **Investment/Cost:** The cost of the project is Rs.460 crore.

(x) The project is not falling in Critically Polluted area.

(xi) **Forest land:** No forest land is involved in the project.

(xii) **Eco-sensitive area:** No specific biological diversity like National parks, wild life sanctuaries, Tiger reserve, Habituate for migratory birds, Mangrove, Wet lands and Botanical/Zoological gardens as Protected area under the Wildlife (Protection) Act, 1972, etc., are found in the project Impact area, i.e. 10 km radius of project area.

(xiii) **Employment Potential:** 5000 Nos.

(xiv) **Benefits of the project:** Environmentally compatible industrial development as Cluster for two types of industries viz., 3(a) and 5 (k).

(xv) Terms of Reference was accorded to the project vide letter No.21-181/2014-IA-III dated 19th March, 2015.

(xvi) **Public Hearing:** Public Hearing was conducted on 5th November, 2015 at Cheyyar.

4. The EAC, in its 160th meeting held on 28-29 June, 2016, has recommended the project for grant of Environmental Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project '**Development of SIPCOT Industrial Park**' in Taluka Cheyyar, District Tiruvannamalai (Tamil Nadu) promoted by M/s State Industries Promotion Corporation of Tamil Nadu Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under:-

PART A - SPECIFIC CONDITIONS

I. Construction Phase

(i) 'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.

(ii) There shall be a continuous green belt along the plant premises, except at the designated entry and exit points.

(iii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six Monthly Monitoring reports.

- (iv) Special purpose vehicle shall be established for implementation monitoring and compliance of the environmental safeguards.
- (v) All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.
- (vi) The member units shall provide storage tanks for storage of effluent for monitoring the characteristics of effluent before taking into the CETP for further treatment.
- (vii) Proper meters with recording facilities shall be provided to monitor the effluent quality and quantity sent from member industries to CETP and from CETP to the final disposal/re-use on a continuous basis.
- (viii) Member industries shall treat the effluent to meet the prescribed CETP inlet norms.
- (ix) The project proponent shall establish an environmental monitoring cell with all the potential polluting units as members to review the environmental monitoring data and suggest for improvements.
- (x) Internal Road widths within the industrial area shall be minimum 24 m ROW.
- (xi) Common facilities such as repair shops, rest rooms for drivers and attendants shall be provided.
- (xii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (xiii) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- (xiv) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
- (xv) Parking space to accommodate trucks, cars, two wheelers and bicycles shall be provided as per the norms.
- (xvi) Any hazardous waste generated during development/ construction phase; should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (xvii) The diesel generator sets to be used during development/ construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- (xviii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.

