



**State Level Environment Impact Assessment Authority (SEIAA)**

**Telangana State  
Government of India**

**Ministry of Environment, Forests & Climate Change  
A-3, Industrial Estate, Sanathnagar, Hyderabad - 500 018.**

**TSIIC LTD.  
INWARD SECTION**

**01 DEC 2016**

No. 23349

REGD.POST WITH ACK.DUE

CE P/ Order No. SEIAA/TS/RRD- 44/2015- 2319

Dt:28.11.2016.

**Sub: SEIAA, TS – “Fab City and E-City Manufacturing Cluster” by M/s. Telangana State Industrial Infrastructure Corporation (TSIIC) Ltd., Sy.No. 18, 21/1 & 3, 22, 23, 24, 25, 26, 27, 28, 30, 31/1 & 3, 32/1 & 3, 33 to 88 in Raviryala (V) and Sy.No. 111 to 114 in Srinagar (V), Maheswaram (M), Ranga Reddy District – Environmental Clearance - Issued - Reg.**

I. This has reference to your EIA report submitted online on 14.09.2016 (proposal no. SIA/TG/NCP/17252/2014) received on 26.09.2016, seeking Environmental Clearance for the proposed “Fab City and E-City Manufacturing Cluster” by M/s. Telangana State Industrial Infrastructure Corporation (TSIIC) Ltd., Sy.No. 18, 21/1 & 3, 22, 23, 24, 25, 26, 27, 28, 30, 31/1 & 3, 32/1 & 3, 33 to 88 in Raviryala (V) and Sy.No. 111 to 114 in Srinagar (V), Maheswaram (M), Ranga Reddy District. Initially, the proponent submitted EC application at the MoEF&CC, Gol, New Delhi and obtained TORs vide Ir. dt. 17.09.2014 for preparation of EIA Report, due to non-existence of SEIAA/SEAC, Telangana. Subsequently the MoEF&CC, Gol, vide Ir. dt. 09.09.2015 transferred the file to the SEIAA/SEAC, Telangana and hence, the SEIAA, Telangana considered the proposal. It is noted that the Industrial Park is proposed for Fab City and E-City Manufacturing Cluster. It is noted that the nearest human habitation viz., Raviryala (V) exists at a distance of 0.2 km from the proposed site. It was also noted that Kongarkalan RF exists at a distance of 0.2 km from the proposed site. Further, Raviryala Cheruvu exists very near to the proposed site and Venkatadas kunta & Gaddi kunta exists within the project site. It is noted that it is proposed not to disturb these water bodies (existing within the project site), conserve them as it is and planning for landscaping / beautification. The capital cost of the project is Rs. 151.86 Crores. The area details of the proposed Fab City and E-City Manufacturing Cluster is as following:

Description	Area in Ha.
Plotted Area	317.913
Roads area	66.126
Common Facilities	39.643
Greenbelt Area (at park level)	49.707
<b>Total</b>	<b>473.389</b>

II. The total area of the project is 473.389 Ha. Out of that, an area of 249.003 Ha. is SEZ area and 24.386 Ha. is Non-SEZ area. The proposed project allots 167 No. of plots in SEZ area and 78 No. of plots in Non-SEZ area. The proposed project ie., Fab City & E-City manufacturing cluster will include plants manufacturing semi-conductor chips and advanced semi-conductor plants like photo solar cell Fab, PV solar module assembly line, thin film solar and system integration of solar energy solutions, solar photo voltaic panels, PCB manufacturing. Further, photo voltaic module design manufacturing and R&D facilities viz., assembling, testing, marking & packing plant (ATMP) are also proposed in the project. The SEZ area in the cluster is majorly focus on manufacturing of Electronic SMPS transformers, UPS resistors, Stabilizers, Antistatic and Thermostatic equipments etc. The Non-SEZ area includes manufacturing of Cartons / Boxes, Bullet Proof Jackets, Bullet Proof Helmets & Electronic accessories, Pulverized & Grinding plants and Emesco Books publishing & Printing of Books. The total

CE  
C (Proj)  
EMP  
Ja 4/9  
Ep  
21/11

EMP  
✓



III. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meeting held on 25.10.2016. The public hearing was held on 23.08.2016 at project site. Based on the information furnished, presentation made by the proponent and the consultant M/s. EPTRI; minutes of the public hearing; the Committee considered the project proposal and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA) in its meeting held on 03.11.2016 examined the proposal and observations of SEAC for issue of Environmental Clearance. Accordingly, after discussions in the matter, **the SEIAA, Telangana hereby accords Environmental Clearance to the project** as mentioned at Para no. 1 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:

#### **A. Specific Conditions:**

##### **a) Air Pollution:**

- i The emissions from the Boilers shall be routed through appropriate Air Pollution Control equipment followed by stacks of adequate height. The proponent shall take all adequate measures for control of emissions as notified by the Competent Authority from time to time. Sampling Port with removable dummy of not less than 15cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc, shall be provided to monitor stack emissions. Stacks of adequate height shall be provided for D.G. Sets (if any) as per CPCB norms.
- ii As proposed, green belt in an area of 33% of total area (10.5% by TSIIC & 22.5% by Individual Industries) shall be developed with at least 15 meter wide green belt along the boundary and in the vacant places in the on all sides along the periphery of the project area, in downward direction and along road sides etc., Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- iii Ambient air quality including ambient noise levels must not exceed the standards stipulated under Notification dt. 16.11.2009 issued by the MoEF&CC, GoI. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with TSPCB.

##### **b) Water Pollution:**

- i The source of fresh water is Krishna Water Supply scheme (Phase-I/II) through HMWS&SB. Total quantity of water required during occupational stage is 17 MLD. Out of that, 8.05 MLD is for Process; 3.02 MLD is for Domestic (Factories); 2.97 MLD is for Domestic (Hostel); and 2.91 MLD is for Miscellaneous purpose such as Fire fighting, Development of Greenbelt, etc.,
- ii It is noted that individual industries which propose to establish their own ETP's in their premises will treat the effluent and domestic sewage to the discharge standards and utilize the treated waste water for development of Greenbelt flushing of toilets, floor cleaning, etc., The individual industries which propose to take advantage of CETP will send their effluents (after preliminary treatment in their premises) to the CETP which is designed as Zero Discharge plant with MEE.
- iii Zero discharge concepts shall be adopted. Effluent shall not be discharged outside the premises of the Fab City and E-City under any circumstances. Further, effluent shall not be discharged into the water bodies existing premises of the Fab City and E-City under any



- ii. Hazardous waste generated such as waste oils, used oils etc., shall be disposed as per the Hazardous Wastes (Management, Handling, and Transboundary movement) Rules, 2008 and its amendments thereof to the recyclers authorized by TSPCB.

**B. General Conditions:**

- i. **This order is valid for a period of 7 years.**
- ii. "Consent for Establishment" shall be obtained from Telangana State Pollution Control Board (TSPCB) under Air and Water Act. Further, the individual industries proposed in the Fab City and E-City shall also obtain Consents from the TSPCB under Air and Water Act before the start of any activity / construction work at site.
- iii. The environment safeguards contained in the EIA Report should be implemented in letter and spirit. The responsibility of implementation of environmental safeguards rests fully with the proponent i.e., M/s. Telangana State Industrial Infrastructure Corporation (TSIIC) Ltd.
- iv. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- v. No change in the process technology and scope of working should be made without prior approval of the SEIAA, TS. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA, TS/ MoEF&CC, GoI, New Delhi, as applicable.
- vi. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional office of MoEF&CC, GoI, Chennai on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- vii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- viii. Data on ambient air quality (RSPM, SPM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- ix. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- x. The proponent shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- xi. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- xii. The funds earmarked for environmental protection measures (capital cost of Rs. 7.6 Crores and recurring cost of Rs. 10 Lakhs per annum) & also the funds earmarked for Corporate Social Responsibility (CSR) activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA, Ministry and its Regional Office located at Chennai.



- xiv. 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.
- xv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, Telangana. This order shall be displayed in the website of the project proponent.
- xvi. The proponent shall explicitly follow the suggestions and commitments made in the public hearing in protection of the environment.
- xvii Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- xviii The company shall undertake eco-development measures including community welfare measures in the project area.
- xix. The proponent shall obtain all other mandatory clearances from respective departments.
- xx. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xxi. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xxii The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Sd/-  
**MEMBER SECRETARY**  
SEIAA, T.S.

Sd/-  
**MEMBER**  
SEIAA, T.S.

Sd/-  
**CHAIRMAN,**  
SEIAA, T.S.

To

**The Vice Chairman & Managing Director,**  
**M/s. TSIIC Ltd., (Fab City and E-City),**  
**Parisrama Bhavanam, 6<sup>th</sup> Floor,**  
**Basheerbagh, Hyderabad- 500 004.**  
**Ph: 040-23237625 / 6.**

//T.C.F.B.O//

*dagkap*