



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Telangana)

To,

The Chief Engineer  
TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION  
LIMITED  
Telangana State Industrial Infrastructure Corporation Limited (TSIIC),  
Parishrama Bhavan, 5th Floor, Basheerbagh, Hyderabad,  
500004. -500004

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/TG/NCP/53899/2020 dated 21 Jul 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |   |
|---|---|
| 1. EC Identification No.                      | EC22B031TG198090  |
| 2. File No.                                   | SIA/TG/NCP/53899/2020   |
| 3. Project Type                               | New   |
| 4. Category                                   | B1  |
| 5. Project/Activity including<br>Schedule No. | 7(c) Industrial estates/ parks/ complexes/<br>areas, export processing Zones  |
| 6. Name of Project                            | Proposed Development of "Siddipet<br>Industrial Park" at Mandapally and<br>Mittapally (V) in Siddipet Urban (M),<br>Rajgopalpet and Mundrai (V) in Nangoor<br>(M), Siddipet (D), Telangana by<br>TELANGANA STATE INDUSTRIAL<br>INFRASTRUCTURE CORPORATION<br>LIMITED (TSIICL) |
| 7. Name of Company/Organization               | TELANGANA STATE INDUSTRIAL<br>INFRASTRUCTURE CORPORATION<br>LIMITED   |
| 8. Location of Project                        | Telangana   |
| 9. TOR Date                                   | 24 Aug 2020   |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 29/07/2022

(e-signed)  
Sri Swargam Srinivas  
Member Secretary  
SEIAA - (Telangana)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*

I. This has reference to your application along with EIA Report submitted online on 21.07.2022 (proposal No. SIA/TG/NCP/53899/2020) accepted on 21.07.2022 seeking Environmental Clearance for the "Siddipet Industrial Park" by M/s. Telangana State Industrial Infrastructure Corporation (TSIIC) Ltd., at Mandapally & Mittapally (V), Siddipet Urban (M); and Rajgopalpet & Mundrai (V) in Nangoor (M), Siddipet District. It was informed that total power requirement for the project is estimated to be 9.0 MW. Three-phase electrical power supply will provide through the nearest available sub-station of Telangana State Electricity Board. It was noted that the nearest human habitation viz., Mundrai (V) exist at a distance of 1.8 km from the proposed site. It was noted that nearest water body viz., UraCheruvu exists at a distance of 0.8 km from the boundary of the site. It was also noted that nearest RF viz., Marpadiga RF exists at a distance of 7.5 km from the boundary of the site. The capital cost of the project is Rs. 78.34 Crores.

II. The area details of the proposed Industrial Park as informed by the proponent are as follows:

Layout area and features	Area	Area in %
	Acres	
Plotted area	115.3	45.71 %
Commercial/CFC	4.72	1.87 %
Green Area within Plots & CFC	56.92	22.56 %
Green Area	26.59	10.54 %
Road Area	31.98	12.68 %
HT Tower Line (With Road)	14.18	5.62 %
Utilities/Sub Station	1.62	0.64 %
Truck Parking	0.93	0.37 %
<b>Net Layout area</b>	<b>252.24</b>	<b>100 %</b>
Housing Area	10.32	
Canal with Buffer Area	5.66	
Water bodies Area	1.83	
Existing BT Road Area	5.37	
UDL Land Allotted (DXN)	31.45	
Green Area in UDL Land Allotted	15.48	
<b>Total Layout area</b>	<b>322.35 Acres</b>	
<b>Number of plots in IP: 74. Number of plots in MSME: 81</b>		

III. The proponent informed that no Category –A industries will be allotted in the Industrial Park and the Industrial Park will be considered with “Zero Liquid Discharge” (ZLD) concept an no industrial unit will be allowed to discharge any industrial effluent. The list of industries proposed in the Industrial Park are as follows:

- Food & Agro processing Industries
- General Industries like Electronic manufacturing
- Printing
- Mineral processing
- Cardboard
- Wodden furniture making
- Packaging industries
- Electrical and electronic items assembling

- Engineering and Fabrication
- General Machinery
- Heavy Structural Steel Rolling Plants, etc.

IV. The proposal has been examined and processed in accordance with EIA Notification, 2006 & its amendments thereof. The proponent obtained Terms of Reference (TORs) vide Ir. dt. 24.08.2020. The proponent undergone the process of Public Hearing on 23.04.2022 at project site. The State Level Expert Appraisal Committees (SEAC) of Telangana State examined the application along with Final EIA report in its meeting held on **22.07.2022**. The proponent submitted responses along with action plan in response to public hearing vide Ir.dt.23.07.2022. Based on the information furnished, presentation made by the proponent and the consultant M/s. Sri Sai Manasa Nature Tech Pvt. Ltd., Hyderabad; & minutes of 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 **27.07.2022** examined the proposal and recommendations 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. I under the provisions of EIA Notification - 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

#### I. Statutory compliance:

- i) This clearance is subject to final order 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.
- ii) The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iii) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iv) The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.
- v) "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 Industrial Park shall also obtain Consents from the TSPCB under Air and Water Acts before the start of any activity / construction work at site.
- vi) This environmental clearance is only for the said Industrial Park. Any other activity (i.e., other than the activities listed in the EC Order) within the Industrial Area would require separate environmental clearance, as applicable under EIA Notification, 2006 as amended from time to time.

- vii) The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- viii) The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- ix) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.
- x) The buildings shall have adequate distance (as per local building bye laws) between them to allow movement of fresh air and passage of natural light, air and ventilation in accordance with guidelines of local authorities.

## **II. Air quality monitoring and preservation:**

- i) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the Industrial area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.
- ii) The emissions from the Boilers/furnaces shall be routed through appropriate Air Pollution Control equipment followed by stacks of adequate height. The concentration of particulates in the emission shall not exceed 100 mg/Nm<sup>3</sup>. 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. The CBMWTF shall comply with emission standards notified under BMWM Rules, 2016.
- iii) The D.G. sets to be used during development/ construction phase shall be in conformity to Environment (Protection) Rules prescribed for air and noise emission standards. Storage of diesel shall be made underground and necessary approvals/permissions from Chief control of explosives to be obtained.
- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking, loading and unloading shall be fully internalized and no public space shall be utilized.
- v) Vehicles hired for bringing construction material to the site should have a Pollution Under Control (PUC) certificate and shall conform to applicable air and noise emission standards and shall be operated only during non-peak hours.

## **III. Water quality monitoring and preservation:**

- i. The source of fresh water is from Ranganayaka Canal passing through the site and Mission Bhagiratha. Total quantity of water required during occupational stage is 1995.0 KLD. Out of that, water required for industrial process is 692.0 KLD; utilities / sub-station – 5 KLD; Commercial/CFC – 68 KLD; Industrial workers – 113.0 KLD; Greenbelt is 918.0 KLD & domestic purpose is 200.0 KLD.

- ii. The total quantity of waste water generated is 865 KLD. It is proposed to treat the waste water in Common Waste Water Treatment Plant (CWWTP) / CETP of capacity 1.05 MLD and the treated water will be reused. No waste water will be discharged to the rivers/streams or water bodies – Zero Discharge.
- iii. Zero discharge concepts shall be adopted in the proposed project for treatment and reuse of effluent, as it was informed that individual industries will establish their own STP & ETP in their premises to treat the effluents and reuse the treated waste water. The TSIIC shall ensure implementation of the same. Effluent shall not be discharged outside the premises under any circumstances. The domestic waste water generated from the entire park shall be treated in STP.
- iv. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986. The individual industries shall adopt online emission / effluent monitoring system as per CPCB guidelines / SPCB consent orders.
- v. Construction of storm water drains for collection, storage and its re-use as per guidelines of Central Ground Water Authority (CGWA).
- vi. The project proponent shall report to the State Pollution Control Board about the compliance of the prescribed standards for all discharges from the Industrial Area into the sea. - Project specific.
- vii. Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- viii. 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 concerned Regional Office of the Ministry along with six monthly monitoring reports.
- ix. Water demand during development/construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices referred. Project specific.
- x. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- xi. The project proponent shall make efforts to minimise water consumption in the industrial complex by segregation of used water, practicing cascade use and by recycling treated water.
- xii. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- xiii. The project should not amend or alter the pathways of the natural streams or creeks/nallah flowing.

- xiv. Rain water harvesting for roof run-off and surface run-off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 m above the highest ground water table.

**IV. Noise monitoring and prevention:**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**V. Energy Conservation measures:**

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- ii. Provide LED lights in their offices and residential areas.

**VI. Waste management:**

- i Disposal of muck during development/construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. The ground water quality of the adjacent to dumping area should be monitored and report should be submitted to MoEF&CC and its Regional Office concerned.
- ii Fly ash bricks should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016.
- iii All hazardous waste generated during development/ construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the Central Pollution Control Board/State Pollution Control Board.
- iv Used LEDs shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible. Energy conservation measures should be as per Bureau of Energy Efficiency (BEE) standards.
- v Air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.
- vi The solid waste generated shall be properly collected and segregated in accordance with the Solid Waste Management Rules, 2016. Wet garbage shall be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. No municipal waste shall be disposed off outside the premises.



- vii The Solid waste generated from the project shall be disposed to local municipal authorities; Inorganic waste shall be segregated and disposed to authorised vendors; Process waste generated from industries will be recycled or sold to authorised vendors, as per Hazardous waste (M&H Transboundary) Rules and Amendments.

#### **VII. Green Belt:**

- i The proponent shall develop and maintain the greenbelt in an area of 37.20 Ha. (Greenbelt within Plots & CFC – 23.04 Ha.; Along the road & Residential area – 1.11 Ha.; Green Area – 10.76 Ha.; and Canal with buffer area – 2.29 Ha.) with at least 10 meter wide green belt along the periphery of the project area and in the vacant places in downward direction and along road sides etc., as committed by the proponent. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- ii Cutting of plants/trees are to be totally avoided by the construction labours. The contractor has to maintain log book for the purchase and distribution of fuel wood.
- iii Management Plan for biodiversity conservation along with the implementation schedule should be prepared with the help of concerned government institution /state forest department, and same to be submitted to MoEF&CC and its Regional Office before commencement of work. Sufficient fund provision to be made to implement the same.
- iv All the topsoil excavated during development/construction activities should be stored for use in horticulture/landscape development within the project site. Report should be submitted to MoEF&CC and its Regional Office concerned.
- v For monitoring of land use pattern, a time series of landuse maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its concerned Regional office.

#### **VIII. Public hearing and Human health issues:**

- i The proponent shall explicitly follow the suggestions and commitments made in the public hearing in protection of the environment.
- ii Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

#### **IX. Corporate Environment Responsibility:**

- i The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- ii A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

- iii Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- iv Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- v All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) regarding plants located in the industrial estates/park shall be implemented.
- vi Special purpose vehicle shall be established for implementation, monitoring and compliance of the environmental safeguards.

#### **X. Miscellaneous:**

- i. **This order is valid for a period of 7 years.**
- ii. **The proponent shall leave adequate buffer zone on either side of the Canal as per the norms of G.O.Ms.No.168, dt.07.04.2012 and no developmental activities shall be undertaken in the buffer zone.**
- iii. **The treated or untreated waste water / effluent / solid waste shall not be discharged into the Canal, under any circumstances and shall take adequate measures for the same.**
- iv. Construction material has to be brought from approved/authorized places.
- v. Parking space to accommodate trucks, cars, two wheelers and bicycles shall be provided as per the norms.
- vi. 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.
- vii. 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.



- viii. 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, Integrated Regional office of MoEF&CC, RO, Hyderabad on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis
- ix. 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.
- x. 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 Hyderabad and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- xi. 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.
- xii. The proponent / individual industries 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.
- xiii. 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.
- xiv. The funds earmarked for environmental protection measures (capital cost of Rs. 5.5 Crores and recurring cost of Rs. 8.25 Lakhs per annum); Budget for CER is Rs. 78.0 lakhs & 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 Hyderabad.
- xv. Officials from the TSPCB and Integrated Regional office of MoEF&CC, RO, Hyderabad who would be monitoring the compliance of the stipulated conditions and 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, Integrated Regional office of MoEF&CC, RO, Hyderabad.
- xvi. 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.

- xvii 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.
- xviii 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., **“Siddipet Industrial Park” by M/s. TSIIC.**
- xix. 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.
- xx. The company shall undertake eco-development measures including community welfare measures in the project area.
- xxi. The proponent / individual industries shall obtain all other mandatory clearances from respective departments.
- xxii The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xxiii The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xxiv 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.
- xxv. 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.
- xxvi The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

xxvii Grant of EC is also subject to circulars issued under the EIA Notifications 2006, which are available on the MoEF&CC website: [www.parivesh.nic.in](http://www.parivesh.nic.in)

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

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

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

**To**

**Sri Shyam Sunder, Chief Engineer,  
M/s. TSIIC Ltd. (Siddipet Industrial Park),  
6<sup>th</sup> Floor, Parisrama Bhavanam,  
Fathemaidan Road, Basheerbagh,  
Hyderabad- 500 004.  
Ph: 040-23237625**

**Copy to:**

1. Prof. Ch. Krishna Reddy, Chairman, SEAC, T.S. for kind information.
2. The Member Secretary, TSPCB for kind information.
3. The EE, RO, RC Puram, TSPCB for information.
4. The Integrated Regional Office, MoEF&CC, RO, Hyderabad for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

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

  
**Joint Chief Environmental Engineer**