



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

To,

The Chief Development Officer (CDO)  
 KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD (KIADB)  
 4th & 5th floors, Khanija Bhavan, East Wing, No.49, Race Course Road,  
 Bangalore 560001 4th & 5th floors, Khanija Bhavan, East Wing, No.49,  
 Race Course Road, Bangalore 560001 -560001

**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/KA/NCP/63992/2019 dated 21 Jun 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B031KA119340
2. File No.	SEIAA 48 IND 2019
3. Project Type	New
4. Category	B1
5. Project/Activity including Schedule No.	7(c) Industrial estates/ parks/ complexes/ areas, export processing Zones
6. Name of Project	Development of Sira Industrial Area, Mudigere Kaval (V), Sira (T), Tumkur District, Karnataka.
7. Name of Company/Organization	KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD (KIADB)
8. Location of Project	Karnataka
9. TOR Date	22 Jun 2020

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

Date: 08/03/2022

(e-signed)  
 Sri Vijay Mohan Raj V.,IFS  
 Member Secretary  
 SEIAA - (Karnataka)

*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.*

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 and Virtuous Environmental Single-Window Hub)*





# State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 48 IND 2019

To,

The Development Officer & Executive Engineer  
Karnataka Industrial Area Development  
KIADB -Tumkur -560001

Sir,

**Sub:** Proposed Development of Sira Industrial Area Project at Mudigere Kaval Village, Sira Taluk, Tumkur District - KIADB, Tumkur by Development officer and Executive Engineer, KIADB Tumkur - Issue of Environmental Clearance- reg.

\* \* \* \* \*

This has reference to your application dated 20<sup>th</sup> December 2019 bearing proposal No. SIA/KA/NCP/ 48758/2019 and EIA Report bearing Proposal No. SIA/KA/NCP/ 63992/2019 dated 21<sup>st</sup> June 2021 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC, Karnataka seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application in Form 1, prefeasibility report EIA Report and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC), Karnataka.

2. It is inter-alia, noted that The Development officer and Executive Engineer, KIADB Tumkur have proposed for Development of Sira Industrial Area Project. The total land area of the project is 815.27 Acres (329.93 Ha). It is proposed to establish Food & Agro Processing unit, Engineering: Other Industrial Machinery unit, General Engineering & fabrication unit, Apparel Textile Industry unit, Software units warehousing & Logistics/ Storage units and other Industrial Units. The water requirement for the project is 3.8 MLD, which will be met from Yetinnahole water to Kallambella and Tertiary treated water from Vasanthanarasapura Industrial Area for Industrial Use and Ground Water for domestic use. The total Industrial Effluent generation is 802 KLD which will be treated in 1 MLD capacity of CETP and the waste



generated from the domestic is 1027 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 1.25 MLD. Total cost of the project is Rs. 340.21 Crores.

3. The project proposal was considered by SEAC during the meeting held on 11<sup>th</sup> February 2020 and got recommended for issue of ToR. The SEIAA considered the proposal during the meeting held on 6<sup>th</sup> March 2020 and decided to issue ToR for conducting EIA study. Accordingly, ToR was issued on for conducting Environment Impact Assessment (EIA) study in accordance with EIA notification 2006. The EIA has been conducted by M/s. Ramky Enviro Services Private Limited, Ramky Grandiose, Ramky Towers Complex, Gachibowli, Hyderabad – 500 032, who are accredited from NABET/QCI vide certificate No. NABET/EIA/1922/RA 0140. Public consultation was held on 04.03.2021. The final combined EIA report has been submitted on 06<sup>th</sup> July 2021.

4. Based on the information submitted by you and presentation made by Environmental consultant, M/s. Ramky Enviro Services Private Limited, the State Level Expert Appraisal Committee (SEAC) examined the proposal in the meeting held on 22<sup>nd</sup> December 2021 and has recommended for issue of Environmental Clearance.

5. The State Environmental Impact Assessment Authority (SEIAA) Karnataka has considered the project in its meeting held on 31<sup>st</sup> December 2021 and after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC, have accorded environmental clearance as per the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and 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. (incase of the presence of schedule-1 species in the study area)

- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- vi. 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.
- vii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- viii. 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.
- ix. This environmental clearance is only for the said Industrial Area. Any other activity within the Industrial Area would require separate environmental clearance, as applicable under EIA Notification, 2006 as amended from time to time. For all the individual units, environmental clearances, as applicable, shall be obtained from the respective regulatory authority
- 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. PM<sub>10</sub> and PM<sub>25</sub> 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 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.

- iii. 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.
- iv. 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 project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986.
- ii. Construction of storm water drains for collection, storage and its re-use as per guidelines of Central Ground Water Authority (CG WA).
- iii. 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
- iv. 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.
- v. 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.
- vi. Water demand during development/construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices referred. Project specific
- vii. 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.
- viii. 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.

- ix. Member industries shall treat the effluent to meet the prescribed CETP inlet norms.
- x. The member units shall provide RCC tanks for storage of effluent for monitoring the characteristics of effluent before taking into the Common Effluent Treatment Plant (CETP) for further treatment.
- xi. Proper flow meters along with online monitoring 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.
- 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. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses. — Project specific
- xiv. The project should not amend or alter the pathways of the natural streams or creeks/nallah flowing.
- xv. 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;



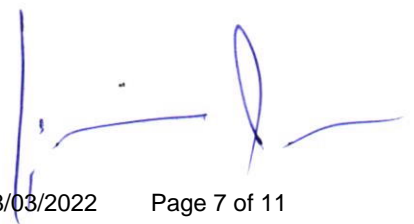
- ii. Provide LED lights in their offices and residential areas.

**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 27th August, 2003 and 25th 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. Green Belt**

- i. The green belt/plantation of to a width of 15 m should be provided all along the periphery of industrial area with native species. The individual units should keep 33% of allotted area as green area with native place. The time bound action plan for green belt/plantation be submitted to the MoEF&CC and concerned Regional Office within three months of issue of this letter.



- 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. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 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 project proponent shall comply with provision contained in OM vide F.No. 22-65/2017-IA.III dated 20<sup>th</sup> October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of Provision of Safe Drinking water, Health Check-ups & Covid Related medical support, construction of community toilets in nearby villages, Vocational education training programs, infrastructure development of Schools, Rain water harvesting pits, Installation of Solar lights and plantation drives , as submitted vide letter dated 04.02.2022 around the project site.





- ii. The company shall have a well laid down environmental policy duly approve 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.
- iii. 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.
- iv. 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.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. 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.
- vii. Special purpose vehicle shall be established for implementation, monitoring and compliance of the environmental safeguards.

**X. Miscellaneous**

- i. Construction material has to be brought from approved/authorized places.
- ii. Internal Road widths within the industrial area shall be minimum 18 m ROW.
- iii. Parking space to accommodate trucks, cars, two wheelers and bicycles shall be provided as per the norms.
- iv. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at

their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

- v. The copies of the environmental clearance shall be submitted by the project proponents 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.
- vi. 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.
- vii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- viii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- ix. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- x. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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.
- xiii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xiv. Concealing factual data or submission of false/fabricated data may result



in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

- xv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xviii. 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.
- xix. Any appeal against this EC 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.

Yours faithfully,

(Vijay Mohan Raj V)  
Member Secretary,  
SEIAA, Karnataka.

**Copy to:**

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi – 110 003.
2. The Commissioner, Bruhat Bengaluru Mahanagara Palike (BBMP), N.R. Square, Bengaluru – 560 002.
3. The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bengaluru – 560 034.
5. Guard File.

**Signature Not Verified**

Digitally signed by Sri Vijay Mohan Raj V., IFS  
Member Secretary

Date: 3/8/2022 3:49:59 PM  
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