



**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/INFRA1/415263/2023 dated 19 Apr 2023. The particulars of the  
 environmental clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | <b>EC23B031KA181201</b>  |
| 2. File No.                                   | SEIAA 43 IND 2021  |
| 3. Project Type                               | New  |
| 4. Category                                   | B  |
| 5. Project/Activity including<br>Schedule No. | 7(c) Industrial estates/ parks/ complexes/<br>areas, export processing Zones   |
| 6. Name of Project                            | Development of Kyadiguppa Industrial<br>Area in Kyadiguppa Village, Kushtagi<br>Taluk, Koppala District, Karnataka by M/s.<br>Karnataka Industrial Area Development<br>Board (KIADB) |
| 7. Name of Company/Organization               | KARNATAKA INDUSTRIAL AREAS<br>DEVELOPMENT BOARD (KIADB)  |
| 8. Location of Project                        | KARNATAKA  |
| 9. TOR Date                                   | N/A  |

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

Date: 14/07/2023

(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.*

*This is a computer generated cover page.*





## State Level Environment Impact Assessment Authority-Karnataka

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

No. SEIAA 43 IND 2021

To,

Executive Engineer  
Zonal Office, KIADB  
Bellary - 583102

Sir,

**Sub:** Proposed Industrial Area Development Project at Kyadiguppa Village, Kushtagi Taluk & Koppala District by KIADB - Issue of Environmental Clearance- reg.

\* \* \* \* \*

This has reference to your application dated 4<sup>th</sup> August 2021 bearing proposal No.SIA/KA/NCP/66291/2021 addressed to SEIAA and EIA Report bearing Proposal No. SIA/KA/INFRA1/415263/2023 dated:18/01/2023 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 Karnataka Industrial Area Development Board, Zonal Office, Bellary have Proposed for Industrial Area Project on a plot area of 270.03 Acres (109.28 Ha).(The Survey Number wise extent are given in ANNEXURE-1). The proponent will develop greenbelt in an area of 95.13 acres. i.e., 35.25 % of the plot area (270.03 Acres,/ 109.28 Ha). It is proposed to establish Food and Agro Processing, Engineering: other Industrial Machinery, General Engineering and Fabrication, Apparel and Textile Industry, Warehousing & Logistics/ Storage Units and other industrial units. The estimated cost of the proposed project is Rs. 161.75 Crores.

The total fresh water requirement for the project is 981 KLD, and it will be met from KIADB through ground water source after securing necessary permission from CGWA. The waste water generation will be 337 KLD, out of which 123KLD will be the domestic sewage. Domestic sewage will be treated in modular STP and treated sewage will be used for gardening. The industrial effluent will be 214 KLD. Trade effluent will be brought to the standards for sending to CETP by individual industries and treated in 260 KLD capacity CETP followed by RO, MEE and ATFD. RO



Permeate, MEE and ATFD condensate of Treated wastewater will be recycled for utilities and green belt development. RO rejects will be sent to MEE and ATFD. ATFD salts will be disposed to nearby TSDF.

Power requirement will be 2290 KW and will be met from Electricity supplied by KIADB through KPTCL. It is proposed to install 100 KVA X 64 No's, 250 KVA X 24 No's, 500 KVA X 17 No's and 1000 KVA X 4 NO's, set as standby during power failure for common facilities.

3. The project proposal was considered by SEAC during the meeting held on 1<sup>st</sup> September 2021 and got recommended for issue of ToR. The SEIAA considered the proposal during the meeting held on 27<sup>th</sup> September 2021 and decided to issue ToR for conducting EIA study. Accordingly ToR was issued on 15.11.2021 for conducting Environment Impact Assessment (EIA) study in accordance with EIA notification 2006. The EIA has been conducted by Ramky Enviro Services Private Limited., Ramky Grandiose, Ramky Towers Complex, Gachibowli, Hyderabad, Hyderabad-500032, Telangana, who has been accredited from NABET/QCI vide letter No. NABET/EIA/1922/RA 0140, dated 28.8.2019. The public hearing was held on 15.11.2022. The project proponent has submitted the final EIA report on 21.01.2023.

4. Based on the information submitted by you and presentation made by Environmental consultant, the State Level Expert Appraisal Committee (SEAC) examined the proposal in the meeting held on 15<sup>th</sup> & 16<sup>th</sup> May 2023 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 16<sup>th</sup> June 2023 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 (CGWA).
- 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 drinking water facility, Farmer training programmes and development of market extension services, scientific support, vocational education training program and skill development training programmes, Health camps and facility, Rainwater harvesting solid conservation and avenue plantation. around the project site , as submitted vide letter dated 10.07.2023.
- 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.
- xx. In case of any material supported by documents/ court orders which is contrary to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.

**Additional Conditions:**

1. Dust suppression measures have to be strictly followed.
2. The PP shall provide 180no of recharge pits and to make additional provision for storage and reuse of rainwater within the site area.



3. The PP shall carry out plantation in coordination with Forest Department in buffers and adjacent to footpath.
4. The PP shall retain the natural drains and rejuvenate the water body in the vicinity of the project site and use as rainwater harvesting structure after obtaining necessary permission from concerned authority.
5. The PP shall Provide PHC facility to nearby villagers.
6. The PP shall provide dedicated line for effluent collection and STP and separate provisions for ducts for cables/water lines.
7. KIADB to consider possibility of treating sewage water of nearby municipal it's for non-consumptive purpose as this will minimize fresh water demand.
8. The PP shall adhere to the compliance given in response to the opinion of public addressed during public hearing (mainly to provide employment for local people)
9. The PP shall earmark a dedicated area for processing of general solid waste, hazardous waste, plastic waste, packaging waste etc..
10. The KIADB Authorities/officials shall strictly allocate plots based on sector wise industries for effective segregation of industry in order to avoid cross contamination and management of waste/effluents generated.

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.

**ANNEXURE-1**

**DETAILS OF SY. NO WISE EXTENT OF LAND REQUIRED FOR THE PROJECT**

Sl. No.	Sy. No.	Extent as per 28(4) Notification					
		Total Extent		Kharab		Remaining Extent	
		Acre	Gunta	Acre	Gunta	Acre	Gunta
<b>A</b>	<b>Village: Kyadiguppa</b>						
1	7P	06	13	00	00	06	13
2	11	08	11	00	20	07	31
3	12P	56	15	56	15	00	00
4	12P	93	17	00	00	93	17
5	13	11	33	00	00	11	33
6	14/1	00	06	00	01	00	05
7	14/2P	02	14	00	04	02	10
8	14/3	02	32	00	15	02	17
9	14/4P	12	13	00	15	11	38
10	158/1/1	22	25	00	00	22	25
11	158/1/2	03	00	00	00	03	00
12	158/2/1	05	08	00	04	05	04
13	158/2/2						
14	158/2/3						
15	158/2/4	10	16	04	08	06	08
16	159/1	03	30	00	30	03	00
17	159/2	00	23	00	01	00	22
18	159/3	02	03	00	03	02	00
19	159/4	02	35	00	06	02	29
20	159/5	07	30	00	12	07	18
21	159/6	03	13	00	06	03	07
22	161/1	03	22	00	15	03	07
23	161/2	03	30	00	00	03	30
24	161/3	03	30	00	36	02	34
25	161/4	03	22	00	15	03	07
	<b>Total</b>	<b>270</b>	<b>03</b>	<b>65</b>	<b>06</b>	<b>204</b>	<b>35</b>

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