	CLEARANCE	Ministry of Environme (Issued by the State E Authority(S	ernment of India ent, Forest and Climate Change nvironment Impact Assessment EIAA), RAJASTHAN)
ENVIR		To, The Regional Manager RAJASTHAN STATE INDUST CORPORATION LTD. (RIICO RIICO , Jaipur Rural Bais Goo	
PARIVESH	(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)	under the provision of EIA Not Sir/Madam, This is in reference to your a in respect of project submitted SIA/RJ/INFRA2/415337/2023 dated environmental clearance granted 1. EC Identification No. 2. File No. 3. Project Type 4. Category 5. Project/Activity including Schedule No. 6. Name of Project 7. Name of Company/Organization 8. Location of Project 9. TOR Date	application for Environmental Clearance (EC) to the SEIAA vide proposal number d 21 Jan 2023. The particulars of the
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State Level Environment Impact Assessment Authority, Rajasthan Room No. 11, Aravalli Bhawan, Jhalana Institutional Area, Jaipur. E-mail:- <u>seiaams2021@gmail.com</u>

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 7c(22470)/2021-22

Jaipur, Dated:

0 8 MAY 2023

Rajasthan Industrial Development and Investment Corporation Ltd, Address- Udhyog Bhawan, Tilak Nagar, District - Jaipur, Rajasthan.

> Sub:-EC for Proposed Kunjbiharipura Industrial Area", Plot Area- 491.04 hectare, Located near Kunjbiharipura, Tikel Narukan, Sanwal, Kansel, Mandore and Rotwara, Tehsil-Phagi, District-Jaipur, State-Rajasthan (Proposal No- 415337).

This has reference to your application dated 21.01.2023 seeking environmental clearances for the above project under 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 questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee Rajasthan, in its meeting held on 18-20 April, 2023.

2. Brief details of the Project:

1.	Category/ (in Schedu		Category "7 (C)" CIS if She				
2.	Location of Project		Near Kunjbiharipura, Tikel Narukan, Sanwal, Kansel, Mandore & Rotwara, Tehsil Phagi, District Jaipur, Rajasthan				
3.	Project De	tails	Total plot area 491.04 Ha. Project details: No. of Plots: 529				
	Land use breakup –						
	Sr. No.	Particu	lars	Area in Ha.	Percentage %		
		Area u	nder Planning (As per Revenue Record)	491.04			
	1	Area u	nder Planning (As per Physical survey)	492.564	100.00		
	2	Area u	nder Industrial Plots	175.234	35.57		
	3	Land p	parcel reserved for land in lieu of cash nsation for Khatedars	51.490	10.45		
	4		nder Commercial	8.35	1.70		

8	5	Area u	nder Servie	ces		18.38	3.74	
			under Solid waste Disposal (Dumping		al (Dumping	3.191	0.65	
	6		inder Future Planning			91.88	18.65	
	7	Area u	nder Road		and the second	77.263	15.68	
	8				T. River Bed	66.776	13.56	
4.	Droject ((C)	HT Corridor = 9.03 Ha. Total: 1110 Cr.				and the second second	
4. 5.	Project C	ost:	Provent and a				28.29 L	
J.	Requirement per Th day & Source fro reg		The fresh from Go regard is	Total Fresh water requirement : The fresh water requirement for operation is 4.0 MLD, which will procured from Govt. Supply, the planning of which is under process. A letter in this regard is written to Chief Engineer, SWRPD, Jaipur. (Letter No.: U (12)-3/2023- 24/SP-1/172 dated 06.04,2023.				
6.	Fuel & Energy:-		Sec. Sec.	Gr. CC	ULA PY	6		
		Description Source of supply			Will be met through JVVNL (Jaipur)Electricity will be arranged by RIICO during construction and operation phase through Jaipur Vidyut Vitaran Nigam Limited (JVVNL).The temporary power of 2MW will be met from JVVNL and in the operation phase a dedicated GSS will be set up to cater the needs of Individual industrial plot.The proposed power load of 8MWx2 will be supplied by proper layout approved by JVVNL 132/33/11 KV grid sub-station (GSS) will be planned. The transformer capacity estimated will be 20MW			
7.	Environment Management Plan with budgetary provision		-	Cost: 2000 Lacs ig Cost: 295 Lacs	f she "			
			S. No.	Description of Item		Capital Cost(In Lacs)	Recurring Cost (In Lacs)	
			1.	Air pollution control		1 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -	100	
			2.	Water pollution control			110	
			4.	Solid and hazardous waste management		· ·····	50	
			5.	Environment monitoring and management		300 (provision of 1% of direct charges as per RIICO' policy related to Environment Protection Fund)	5	

	a da	6.	Occupational Health	· ·	140.0722.4822	
		8. Green belt, plantation and measures to combat Noise pollution		200 20		
		9.	Rain water harvesting	1500 (as per RIICO's policy - 5% of compensation awarded)	10	
		10.	Air pollution control		100	
		Total		2000	295	
		will be collected in septic tank within the premise. The respective establishment owners / RIICO will collect Sewage from septic tanks on regular basis as per need through a suction machine attached with tanker and conveyance system (closed conduit pipeline) will be install in residential complex, and the waste water and discharge will be treated in community STP of capacity 1.5 MLD to be developed by RIICO for residential establishments. RIICO is proposing Rs. 500 lakhs for setting up of 1.5 MLD STP. The STP technology will be MBR (Membrane Bioreactor).				
9.	Green Belt/ Plantation area and % of total area in	Out of the total proposed industrial area i.e. 491.04 Ha (Industrial), 39 Ha (7.9%) will be covered under green belt/plantation. Rest of plantation will be in individual plots and open area.				
	sq. mts.	ALL N				
10.	sq. mts. Budgetary Breakup for Labour	7.6 Lac				

The details of solid and liquid waste generated & their disposal during the construction and post construction phase are as follows:

CONSTRUCTION PHASE

The solid waste expected to be generated during the construction phase will comprise the construction and demolition waste, C & D waste has two major components. Major components include Cement concrete, Bricks, Cement plaster, Steel (From RCC, door/window frames, roofing support, railings of staircases etc., rubbles, stone (marble, granite, sand stone), Timber/wood (especially demolition of old buildings). POST CONSTRUCTION PHASE

Taking into consideration approx. 0.25 kg/person/day for staff, 0.15 kg/person/day and 0.2 kg/acre/day of general solid waste generation. The total general solid waste – 1020 kg/day. Hazardous waste, plastic waste and E- waste will be disposed off to the authorised agency.

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for



Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC, Rajasthan in its 5.74th Meeting held on 05.05.2023 hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

A. STATUTORY COMPLIANCE:

- i. 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.
- ii. The Project Proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. 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 reports. (In case of the presence of Schedule-I species in the study area).
- iv. 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 Board.
- v. 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.
- vi. A certificate of adequacy of available power form the agency supplying power to the project along with the load allowed for the project should be obtained.
- vii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, etc shall be obtained, as applicable by project proponents from the respective competent authorities.
- viii. 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.

A. 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 PM_{2.5} in reference to PM emission, and SO₂ and NOx in reference to SO₂ and NOx 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. set 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 Pollution under Control (PUC) certificate and shall conform to applicable air and noise emission standards and shall be operated only during non-peak hours.
- v. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Diesel generating sets shall be installed, in the downwind directions.
- vi. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards

B. WATER QUALITY MONITORING AND PRESERVATION

- i. The Project Proponent shall install 24x7 online continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection)Act, 1986 or NABL accredited laboratories.
- ii. Construction of storm water drains for collection, storage and its re-use as per guidelines of Central Ground Water Authority (CGWA).
- iii. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- iv. There shall be flow meters at inlet and outlet of CETP to monitor the flow, suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/ reused and discharged.
- v. The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the industrial park/units, quantity of the treated effluent discharged. All the above information shall be provided online of the website exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.
- vi. The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge' This will form a part of the initial and renewal applications for consent to operate to be made before the State Pollution Control Board.
- vii. No changes in installed capacity, quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, addition of any new member units shall be carried without prior approval of the ministry.
- viii. The Unit shall inform the State Pollution Control Board at least a week prior to undertaking maintenance activities in the recycle system and store/ dispose treated effluents under their advice in the matter.

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- ix. The unit shall also immediately inform the Pollution Control Board of any break down in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the Pollution Control Board.
- x. The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
- xi. The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the Pollution Control Board and which meet the primary treated standards as prescribed.
- xii. The effluent from member units shall be transported through pipeline. Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water Act, 1974 as amended.
- xiii. The Project Proponent will build operate and maintain the collection and conveyance system to transport effluent from the industrial units in consultation with and to the satisfaction of the State Pollution Control Board and ensure that the industrial units meet the primary effluent standards prescribed by the State Pollution Control Board.
- xiv. The State Pollution Control Board will also evaluate the treatment efficiency of the Effluent Treatment Plant (ETP) and its capability of meeting the prescribed standards. The final scheme of treatment would be such as is approved by the Pollution Control Board in the Consent to Establish.
- xv. 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. 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.
- xvi. 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 member industries and green belt.

C. 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)ARules,1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- iii. Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
- iv. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

D. WASTE MANAGEMENT

- i. ETP sludge generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per Hazardous and Others Waste Management Rules, 2016.
- 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 27thAugust, 2003 and 25th January, 2016
- iii. Non Hazardous solid wastes and sludge arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the State Pollution Control Board. Non Hazardous solid wastes and sludge shall not be mixed with Hazardous wastes.
- iv. The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
- v. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2006.
- vi. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
- vii. 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.

E. 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.

F. GREEN BELT

- i. The green belt/plantation of to a width of 5 10m 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. 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.
- iii. 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.

G. 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

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ii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

H. MISCELLANEOUS

- i. Construction material has to be brought from approved/authorized places.
- ii. Internal Road widths within the industrial area shall be minimum 10 m.
- 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; PM, 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/ SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The Ministry/SEIAA 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.

Additional Condition:

- 1. EC will be subject to the outcome of court cases pending before Hon'ble High Court of Rajasthan for land acquisition in respect of the project.
- 2. RIICO shall ensure compliance of the conditions stipulated by WRD as per their consent letter accorded dated 13th March 2023 in respect of the the Bandi river.

(P.K. Upadhyay) Member Secretary, SEIAA, Rajasthan.

Dated:

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.7c(22470)/2022-23 Copy to following for information and necessary action:

- Deputy Director, Integrated Regional Office, Jaipur, Ministry of Environment, Forest & Climate Change, Govt. of India, A- 209 & 218, ARANYA BHAWAN, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002 (Raj.).
- 2. Principal Secretary, Environment Department, Rajasthan, Jaipur.
- 3. Sh. Rajeeva Swarup, IAS (Retd)., Chairman, SEIAA, Room No. 101, Aravalli Bhawan, Jhalana Institutional Area, Jaipur.
- 4. Dr. Suresh Chandra, IFS (Retd.), Member, SEIAA, Room No. 103, Aravalli Bhawan, Jhalana Institutional Area, Jaipur.
- 5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur.
- 6. Member Secretary, SEAC Rajasthan.
- 7. Environment Management Plan- Division, Monitoring Cell, Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
- 8. I.A, SEIAA, Jaipur with the direction to upload the copy of this Environment Clearance on the website.

M.S. SEIAA, (Rajasthan)

Signature Not Verified Digitally signed by Sn. P.K. Upadhyay Member Secretary Date: 5/8/2023 0:23:33 PM Page 10 of 10