

# State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No. No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 3(a) B/(456)/12-13

Jaipur, Dated:

5 JUL 2013

To,  
M/s. Charbhuja Ispat (India) Pvt. Ltd .  
A-387, RIICO Growth Center,  
Swaroopganj, Hamirgarh,  
Bhilwara. 312001

**Sub:**E.C. for Steel Induction Furnace of M/s. Charbhuja Ispat (India) Pvt. Ltd.,  
Plot No. A- 387, RIICO Growth Center, Swaroopganj, Hamirgarh,  
Bhilwara- 312001

This has reference to your application dated 13.04.12 seeking environmental clearances for the capacity enhancement of 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 Committee Rajasthan, in its meeting held on 18.03.13 & 21.05.13

## 2. Brief details of the Project:

1.	Item No. in the list of Schedule / Category:	3(a) B				
2.	Location of Industry / project	Plot No. A- 387, RIICO Growth Center, Swaroopganj, Village Hamirgarh,, Tehsil & District Bhilwara- 312001 (Rajasthan)				
3	Total Area	Total Plot Area :- 9,450 Sq. m.				
4.	Product & Capacity	M.S. Ingots Unit = TPA				
		Existing Capacity		Expansion Proposed		Total (After Expansion )
		27,000		33,000		60,000
5.	Expected Cost	Rs. in Lacs				
		Existing Plant		Expansion Proposed		Total (After Expansion )
		556.36		30.00		586.36
6.	Water Requirement & Source:	1. One time water demand = 40 KLD Unit in KLD (for 2 induction furnaces )				
		S. No.	Item	Existing Plant	Proposed Expansion	Total (after Expansion)
		1	Make up water	10	05	15
		a.	Vaporization	02	01	03
		b.	Spraying on Ingots	08	04	12
		2	Domestic	03	01	04
			Total (1+2)	13	06	19
		Source :- RIICO water supply and tankers supply				
7.	Fuel & Energy	1. Connected Load - 6,223 K W 2. Contract Demand - 5,500 K W 3. D. G. Set (1 no.) of 125 KV to require HSD 25 liters / day				

8	Environment Management Plan:	(Rs. in Lacs)						
		S. No.	Particulars	Existing Capital cost	Recurring Cost	Proposed Capital Cost	Recurring Cost	Total Cost
		1	Air Pollution Control	12.00	1.50	--	--	13.50
		2	Water Pollution Control	10.00	1.00	2.50	0.50	14.00
		3	Noise Pollution Control	2.50	0.25	2.00	0.25	5.00
		4	Environment Monitoring & Management	10.00	1.00	--	--	11.00
		5	Occupational Health	5.00	0.50	3.60	0.70	9.80
		6	Green Belt	4.00	0.50	2.00	0.20	6.70
	Total	43.50	4.75	10.10	1.65	60.00		
9	CSR Activities	(Rs. in Lacs)						
		S. No.	Project activities	Capital Cost	Recurring Cost for 2 years	Total Cost		
		(i)	Medical Facilities					
		1	Giving one ambulance to the CHC of the study area.	3.00	1.00	4.00		
		2	Health Check up Camps	2.00	8.00	10.00		
		(ii)	Educational Facilities					
		1	Scholarships for Merit Girls for Higher Education	2.00	8.00	10.00		
		2	Sponsorship for School Tournaments	0.75	2.25	3.00		
		3	Purchasing Winter School Uniform and fitting water Coolers in the Schools.	1.50	1.50	3.00		
		4	Total CSR cost in lacs	9.25	20.75	30.00		
		(i) CSR Cost for 3 year is Rs. 30.00, (ii) Capital Cost for 1 year is Rs. 9.25, (iii) Recurring Cost for 2 years is Rs. 20.75.						
		10	Green Belt	Well developed green belt within the premises. About 33% of the total plot area, is under greenbelt cover.				

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 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:

- The E.C. is granted for expansion of production of from 27,000 TPA to 60,000 TPA .
- Provide measures for leakage detection in underground storage tank of fuel, if any.
- The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules 1986.
- Total water consumption shall be limited to 40 KLD water supply . Source:- RIICO & Tanker supply. For water consumption more then 25 KLD prior permission from CGWA should be taken.
- The stack height for disbursement of the process emissions shall not be less than 30.00 Mtrs. above GL.

- vi. As envisaged, the PP shall earmark an amount of Rs. 60 Lacs for implementing various environmental protection measures under the Environmental Management Plan.
- vii. The PP has proposed an amount of Rs. 60 lacs spread over 5 years as CSR. The expenditure on these activities shall be reflected in the books of account when presented for auditing of accounts. The proposal should contain provision for toilets for girls in nearby schools. Detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for "Consent to Establish".
- viii. The PP shall operate its unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
- ix. The particulate matter and gaseous emissions (SO<sub>x</sub>, NO<sub>x</sub>, CO, CO<sub>2</sub>, etc) from various processes/units/storages should conform to the standards prescribed by the RPCB/CPCB or under the EP Rules' 86 from time to time.
- x. At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.
- xi. Ambient air quality monitoring stations should be set up in consultation with RSPCB in the down wind direction as well as where max. ground level concentration of PM, SO<sub>x</sub>, NO<sub>x</sub>, CO, CO<sub>2</sub>, are anticipated.
- xii. Portholes and sampling facilities should be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions should be monitored in consultation with RPCB.
- xiii. Data on ambient air quality and stack emissions should be submitted to RPCB once in six months carried out by MOEF/NABL/CPCB/RPCB/Government approved lab.
- xiv. The PP should provide separate drainage and outlets with the precaution that the storm water does not mix with the industrial effluent.
- xv. The waste slag of the process is hazardous in nature and, therefore, must be handled as per the provisions of Hazardous Waste (Management, Handling & Trans boundary Movement) Rules, 2008. Authorization is to be obtained from Rajasthan State Pollution Control Board for its management and disposal.
- xvi. Handling, manufacture, storage and transportation of hazardous chemicals should be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
- xvii. Adequate measures for the control of noise should be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines should be provided with effective ear muffs/plugs and other personnel protective equipments.
- xviii. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.
- xix. Efforts should be made to increase green belt all around the premises. Native plant species should be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.
- xx. A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.
- xxi. The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch. No residential facilities (even for security staff) within the factory premises will be provided.
- xxii. A voluntary commitment taking up social responsibility through various activities to be undertaken by the project proponent is to be given and the budgeted amount proposed for such activities will be kept. An initial amount of 5% of the project cost and 5% of profit thereon annually be kept, an undertaking regarding this should be submitted along with CTE application.
- xxiii. Periodical medical check up of the workers should be done in six months and records maintained. The funds earmarked for the environmental protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure should be reported to the RPCB under the rules prescribed for environmental audit.

- xxiv. The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site and provide proper medical facility, drinking water and sanitation facility.
- xxv. The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.
- xxvi. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent
1. The SEIAA, Rajasthan reserve the right to add new conditions, modify/ annul any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA Rajasthan & RPCB.

#### **GENERAL CONDITIONS**

- i. The environmental safeguards contained in Form 1-A shall be implemented in letter and spirit.
- ii. Six monthly monitoring reports shall be submitted to Rajasthan and Rajasthan State Pollution Control Board.
- iii. Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full cooperation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to Rajasthan State Pollution Control Board.
- iv. In case of any change(s) in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan.
- v. The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act-1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- vi. All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority.
- vii. The PP shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and the Rajasthan State Pollution Control Board and may also be seen on the website of the Board at [www.rpcb.nic.in](http://www.rpcb.nic.in). The advertisement shall be made within 7(seven)



days from the date of issue of **the revised** environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S) of the Board.

- viii. These stipulations would also be enforced amongst the others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification' 06.
- ix. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.
- x. Environment clearance is subject to final order of the Honb'le Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition(Civil) No. 460 of the year 2004 as may be applicable to this project.

Yours faithfully,

*sd -*  
(Sankatha Prasad)  
Member Secretary  
SEIAA Rajasthan

**Copy to following for information and necessary action:**

1. Secretary, Ministry of Environment and Forest, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Smt. Alka Kala, Chairman, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Shri Moti Lal Daima, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarovar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan State Pollution Control Board, Jaipur.
6. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5<sup>th</sup> Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
- ✓ 9. Nodal Officer (Departmental Website), Department of Environment, Government of Rajasthan, Jaipur with the request to upload the copy of this environmental clearance on the website.

*ts*  
M.S. SEIAA (Rajasthan)