

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No: F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat 3(a)/(386)/11-12

Jaipur, Dated:

130 JUL 2012

To,

M/s Mangla Ispat Jaipur Ltd.,
SP-187-189,
RIICO Industrial Area,
Bagru Ext. II,
Jaipur.

Sub: EC for Mangla Ispat (Jaipur) Ltd.- An expansion Project, RIICO Industrial Area , Bagru Ext. II, Jaipur.

Sir,

This has reference to your application dated 23.6.11 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 Committee Rajasthan, in its meetings held on 27/28.3.12 & 18/19.6.12.

1. Brief details of the Project:

1.	Item No. in the list of Schedule / Category:	3 (a)B1				
2.	Location of Project	Plot no. SP-187-189, RIICO Industrial Area, Bagru Extension II, Jaipur.				
3.	Plot Area:	Plot No.	Sp. 187	Sp.188	Sp189.	Total
		Area(m ²)	21,600	20,000	23,000	64,600
4.	Product & Capacity:	Unit in TPA				
		Item	Existing plant	Proposed Expansion	Total(After Expansion)	
		MS Ingots	25,200	59,400	84,600	
		MS Bars	64,000	56,000	1,20,000	
5.	Total Cost:	Amount in lac Rs.				
		Existing Unit	Proposed Expansion	Total(After expansion)		
		1,710.18	400.46	2,110.64		
6.	Water Requirement & Source:	Unit in KL				
		Item	Industrial	Domestic	Total	
		1.Existing				
		(a) One Time	78	3	81	
		(b) Daily	8	3	11	
		2. Proposed				
		(a) One time	146	4	150	
		(b) Daily	15.5	4	19.5	
		Source:- Existing Bore well (One) for industrial water demand and RIICO Water Supply for drinking water demand.				
7.	Fuel & Energy:	Item	Existing	Propose Expansion	Total (After Expansion)	
		1. Contract Demand	4990 kVA	3,010 kVA	8,000 kVA	
		2.Connected Load	8,267HP	3,433 HP	11,700 HP	
		Source:- Existing 132 kV GSS of JVVNL at RIICO Bagru Industrial Area, Jaipur.				

S. N	Item	Existing		Proposed for	
		Capital Cost	Annual Recurring Cost	Additional Exapnsion	
				Capital Cost	Annual Recurring Cost
1	Air Pollution Control	12	1.50	15	1.50
2	Water Pollution Control	10	1.00	5	0.25
3	Noise Pollution Control	5	0.50	-	0.50
4	Environment Monitoring and Management	10	0.50	-	1.00
5	Occupational Health	5	0.50	-	0.50
6	Green Belt	5	0.50	-	0.50
7	CSR Activities	5	0.30	20	0.30
8	Rain Water Harvesting	-	-	10	0.50
Total		52	4.80	50	5.05
Grand Total of EMP Cost = (52 + 4.80 + 50 + 5.05)		Rs. 111.85 Lacs			

S. N	Details	Capital Cost			Recurring Cost
		1 Year	II Year	III Year	
		1	Contribution to Hospital in the RIICO industrial area Bagru, Phase-II	1.50	
2	Construction & Installation of Sewage Treatment Plant for Village School Merit cum Need Scholarships for the Girls	1.20	1.00	1.00	0.10
3	Access of credit to women for income generating activities. Mother and Child Health Care camps. Self defense camps for women in near by villages.	0.80	0.40	0.40	0.40
4	Training to village youth in 10 km periphery of the RIICO industrial area for working in Steel Plants.	0.50	0.40	0.40	-
Total		4.00	3.00	3.00	0.70
Total Capital Cost = Rs. 10.00 Lacs, Annual Recurring Cost = Rs. 0.70 Lacs					

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 capacity of the industry shall be limited for production by manufacturing of MS Ingot of capacity 25,200 TPA to proposed to expanded 59,400 TPA (total after expansion will be 84,600 TPA) and M.S. Bars of existing capacity 64,000 TPA proposed to expanded 56,000 TPA (the total expansion will be 1,20,000 TPA.)
 - Provide measures for leakage detection in for 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 231 KLD water supply (for process 224 KLD, for domestic 23.5 KLD); Source:- RIICO Bagru Ext.-II, Jaipur.
 - The stack height for disbursement of the process emissions shall not be less than 30.00 Mtrs. above GL.
 - As proposed by the PP to implement the EMP 102.00 lacs as a capital cost and 9.85 lacs as a recurring cost.

- vii. The PP has proposed an amount of Rs. 1,000,000/- as capital cost for the first three years and Rs. 0.70 lacs as recurring cost against CSR.
- 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_x, NO_x, CO, CO₂ 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 consultation with RSPCB in the down wind direction as well as where max. ground level concentration of PM, SO_x, NO_x, CO, CO₂, 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/Government approved lab.
- xiv. The PP should provide separate drainage and outlets with the precaution that the storm water.
- 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 well-designed 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 annual be kept, an undertaking regarding this should be submitted along with CTE application. 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.
- xxiii. **The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.**
- xxiv. **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.**
- xxv. The SEIAA, Rajasthan reserve the right to add new conditions, modify/ annual 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, SEIAA, Rajasthan, Regional Office, Lucknow and RPCB.
- xxvi. **The PP shall take necessary permission for C.G.W.A ., if applicable.**

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, 5th 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.


M.S. SEIAA (Rajasthan)