

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)B1/(413)/11-12

Jaipur, Dated:

30 NOV 2012

To,

M/s Mangala Product Pvt. Ltd.
B-235, Road No. 9 VKI Area,
Jaipur-302013

Sub:- EC for proposed expansion project of Mild Steel Ingots/Billets units of M/s Mangala Product Pvt. Ltd., at Plot no. B-235, Road no. 9, Viswakarma Industrial Area, Jaipur-302013, Rajasthan

Sir,

This has reference to your application dated 19.10.11 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 23.4.12, & 16/17.11.12.

2. Brief details of the Project:


1.	Category / Item No. (in Schedule):	3(a) B1						
2.	Location of Industry/Project	Plot no. B-235, Road No. 9, Viswakarma Industrial Area, Jaipur-302012.						
3.	Plot Area	8,433 sq. meters						
4.	Product & Capacity	M.S. Ingots / Billets			Total Capacity After Expansion			
		Existing Capacity	Proposed Expansion					
5.	Project Cost:	Cost of Existing Unit			Total Cost After Expansion			
		Rs. 200.00 lacs	Rs. 203.14 lacs	Rs. 403.14 lacs				
6.	Water Requirement & Source	The project is an existing one and is having 2 no Induction furnace of 8 ton capacity each. The water demand is as follows: Water requirement shall be 15 KL. Source:- RIICO Water supply. One time water demand : 45 KL (25 KLD in recirculation through cooling tower) (a) Ingots Cooling 7 KLD (2 KLD from blow down of cooling tower) (b) Domestic Water Consumption: 5 KLD.						
7.	Fuel & Energy:-	(i) Existing Contract Demand 4,700 kVA (ii) Existing Connected Load 4,544 kVA (iii) Details of total (4) Transformers: - 2 no. 2,300 kVA and 2 no. 2,580 kVA (iv) Source:- 132 kV GSS at V.K.I.A., Jaipur.						
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	15.00	1.50	--	--	16.50
		2	Water Pollution Control	10.00	1.00	3.00	0.25	14.25
		3	Noise Pollution Control	2.5	0.25	1.5	0.15	4.40
		4	Environment Monitoring and Management	10.00	1.00	--	1.00	12.00
		5	Occupational Health	5.00	0.50	3.00	0.50	9.00
		6	Green Belt	3.00	0.30	2.00	0.20	5.50
		Total	45.50	4.55	9.50	2.10	61.65	
9.	Corporate Social Responsibility Activities:-	(Rs. in Lacs)						
		S. No.	Details		Capital Cost	Recurring Cost		
		1	Educational Improvement in nearby schools, Contribution for Infrastructural in put i.e. construction of additional rooms, Toilets/ Bathrooms etc.		3.00	0.30		
2	Training on precaution and safety from industrial activities and awareness on labour rights to the nearest		1.50	0.15				

		habitation of industrial workforce.		
		3	Contribution for construction of Cattle-farm at village Gawadi.	2.00
		4	Contribution in potable water canopies in summer in near by villages.	1.50
		Total		8.00
10	Green Belt Development Plan	(1) Total area of project / township 0.8433 ha. (2) Area already afforested (for existing projects), 0.2782 in ha.		

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:
- i. The capacity of the industry shall be limited for production by manufacturing of M.S. Ingots / Billets Unit of capacity 38,400 TPA to 19,200 TPA (total after expansion will be 57,600 TPA)
 - ii. Provide measures for leakage detection in for underground storage tank of fuel, if any.
 - iii. 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.
 - iv. The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules 1986.
 - v. Total water consumption shall be limited to 45 KLD water supply (for process 25 KLD in recirculation through cooling tower for domestic water consumption 5 KLD); Source:- RIICO water supply. For water consumption more than 25 KLD prior permission from CGWA should be taken.
 - vi. The stack height for disbursement of the process emissions shall not be less than 30.00 Mtrs. above GL.
 - vii. As envisaged the PP shall ear mark a sum of Rs. 55.00 lacs towards capital cost and Rs. 6.65 lacs per year towards annual recurring cost for taking up various environmental protection measures under the Environmental Management Programme.
 - viii. The PP has proposed an amount of Rs. 8.00 Lacs as capital cost and Rs. 1.00 Lacs as recurring cost against CSR.
 - ix. 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.
 - x. 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.
 - xi. 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.
 - xii. 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_x, NO_x, CO, CO₂, are anticipated.
 - xiii. 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.
 - xiv. 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.
 - xv. The PP should provide separate drainage and outlets with the precaution that the storm water does not mix with the industrial effluent.
 - xvi. 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.
 - xvii. 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).
 - xviii. 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.
 - xix. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established.

- xx. 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.
- xxi. 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.
- xxii. 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.
- xxiii. 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 is kept; an undertaking regarding this should be submitted along with CTE application.
- xxiv. 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.
- xxv. 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.
- xxvi. 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.
- xxvii. 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, Regional Office, Lucknow, SEIAA Rajasthan & RPCB.

Yours faithfully,


(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. IA- 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)