To,

M/s Rathi Rajasthan Steel Mills Ltd,
SP-921, RIICO Industrial Area,
Phase III, Bhiwadi,
Alwar

Sub: EC for proposed steel rolling mill of “Rathi Rajasthan Steel Mills Ltd” at SP-293-296, Sector IV, Industrial Area, Chopanki, Bhiwadi by Mr. Hanuman Sharma, M/s Rathi Rajasthan Steel Mills Ltd, SP-921, RIICO Industrial Area, Phase III, Bhiwadi, Alwar.

Sir,

This has reference to your application No Nil dated 25-05-09 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 Rajastan, in its meetings held on 27/08.2009 & 18/19.11.09.

2. Brief details of the Project:

1. Category: B-1
2. Item No.(the Schedule): 3 (a) (c) (ii)-All other non toxic secondary metallurgical processing industries.
3. Location of Project: Plot No.: SP-293-296, Phase-IV, RIICO Industrial Area, Chopanki, Bhiwadi.
4. Plot Area: Total Area of 4 Plots (no.293 to 296)=68,692.50 M²
   Note: Land Use Break up (page-10 of EMP Report) and Form-1 indicates total area as 68,592.50 M², whereas the RIICO Office Order no. 11293 dt. 30.03.2007 mentions 68,692.50 M² as total area (Annexure-1/17 of EMP Report).
5. Product & Capacity: CTD & TMT Steel Bars; 75,000 TPA
6. Expected Cost: Rs. 43.16 Crores.
7. Water Requirement & Source: The total water demand will be 68 KLD (60 KLD for industrial and 8 KLD domestic water demand). There will be about 3 KLD evaporation losses in the industrial water and 48 KLD will be circulated. Hence the fresh water demand for industrial process will be 12 KLD. Thus total fresh water demand will be 8+12=20 KLD. Water demand will be met from the RIICO supply for which sanction has been issued by RIICO vide letter no. U/511/873 dated 30.04.09.
8. Fuel & Energy: The power requirement for the proposed unit will be 3,000 KW. The power will be supplied through the 33 KV substation of JVVNL, which will be stepped down at 433 volts into two transformers. The power will be supplied at the 433 volts. Any DG not sets required.
9. Environmental Management Plan
   (1) To control the pollution of air, water, noise and solid wastes through various measures and for green belt development, investment of Rs. 125.00 Lakhs is proposed. Item wise break up is given below.

<table>
<thead>
<tr>
<th>S. No</th>
<th>Particulars</th>
<th>Capital Cost Rs (lacs)</th>
<th>Recurring Cost Rs (lacs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Air Pollution Control</td>
<td>50.00</td>
<td>5.0</td>
</tr>
<tr>
<td>2.</td>
<td>Water Pollution Control</td>
<td>20.00</td>
<td>2.0</td>
</tr>
<tr>
<td>3.</td>
<td>Noise Pollution Control</td>
<td>10.00</td>
<td>1.0</td>
</tr>
<tr>
<td>4.</td>
<td>Environment Monitoring and Management</td>
<td>5.0</td>
<td>0.5</td>
</tr>
<tr>
<td>5.</td>
<td>Occupational Health/CSR</td>
<td>30.0</td>
<td>3.0</td>
</tr>
<tr>
<td>6.</td>
<td>Green Belt</td>
<td>10.0</td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>125.00</strong></td>
<td><strong>15.5</strong></td>
</tr>
</tbody>
</table>

(2) For monitoring of pollutants, it is proposed to monitor Ambient Air Quality twice a week and Stack Emissions/Water Quality/Noise level @ once a month.
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 of CTD & TMT Steel Bars with total Production Capacity 75,000 MTA.

ii. The PP shall achieve the stack emission standards and ambient air standards as notified under EP Rules'86.

iii. The PP shall ensure implementation of the proposed EMP in its letter and spirit. As proposed in EIA/EMP report, the PP shall earmark the cost of implementation of EMP which has been revised to Rs. 47.00 lakhs as per the break up given by the PP. These funds 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.

iv. The capacity of the industry shall be limited for production of CTD & TMT Steel Bars; 75,000

v. Water consumption shall be limited to 7 KLD (5 KLD for industrial water demand and 2 KLD domestic water demand). There will be about 1.5 KLD evaporation losses. Hence daily fresh water demand shall be 3.5 KLD. About 3.5 KLD of water shall be re-circulated and 1.5 KLD (approximately) domestic sewage shall be disposed of through septic tank and soak pit arrangement. Water demand will be met from the PHED supply.

vi. The power requirement has been estimated to be 1450 KVA. The PP should plan and execute a safe and hazard free system for the drawing of electricity from 132/33 KV S/S from where independent 33 KV line shall be drawn (service line) to cater this load ensuring that voltage regulation is within permissible limit.

vii. The stack height for disbursement of the process emissions shall not be less than 30.00 Mtrs. above GL.

viii. The PP shall ensure implementation of the proposed EMP in its letter and spirit.

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'74 and Air (Prevention & Control of Pollution) Act'8.

x. The particulate matter and gaseous emissions (SO₂, NOx, CO, CO₂ etc) from various processes/units/ storages should conform to the standards prescribed by the RPCB/CPCB or under the EP Rules'86.

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 the downwind direction as well as where maximum ground level concentration of SPM, SO₂, NOx, CO, CO₂ are anticipated in consultation with RPCB.

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/RPCB/Government approved lab.

xv. The PP should provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste battery/waste sludge/lead ingots.

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. Periodical medical check up especially for the presence of Lead in the blood of the workers should be done in six months and records be submitted.

xxiv. A voluntary commitment of the Social responsibility activities to be undertaken by the project proponent is to be given and the budgeted amount proposed for such activity will be kept.

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. The PP should also ensure advertising in at least two local newspapers 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 SEI AA, Rajasthan and the Rajasthan State Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in. The advertisement should be made within 7(seven) days from the date of issue of the environmental clearance and a copy should also be forwarded to the SEI AA, Rajasthan and Regional Office, Jaipur(S) of the Board.

xxvi. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB.

xxvii. The SEI AA, Rajasthan reserves 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.

Yours faithfully,

(Sankatha Prasad)
Member Secretary
SEI AA 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. Principal Secretary, Environment Department, Rajasthan, Jaipur.
4. Shri R.S. Bhandari, Member, SEI AA Rajasthan, 2- Museum Road, Ram Niwas Bagh, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur.
6. Member Secretary, SEAC Rajasthan.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

M.S. SEI AA (Rajasthan)