

F. No. J-11011/657/2009- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
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New Delhi – 110 003
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Tele/fax: 011 – 2436 3973
Dated: September 28th, 2010

To,
M/s Balajee Mini Steels & Re-rolling (P) Limited
603, Shanti kunj Apartment,
Chhajju Bagh, Patna- 800001,
Bihar

Ph: 0612-3294794
E-mail: sthpatna1@yahoo.co.in

Sub: Re-rolling Mill (60, 000 TPA; TMT/MS Bar) at Mahadeopur, Phulari Bihta, District Patna in Bihar by M/s Balajee Mini Steels & Re-rolling (P) Limited. - Environmental Clearance reg.

Sir,

This has reference to your letter no. Nil dated 8th May, 2010 along with a copy of EIA / EMP report seeking environment clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that M/s Balajee Mini Steels & Re-rolling (P) Ltd. have proposed for the Re-rolling Mill (60,000 TPA; TMT / MS Bar) at Mahadeopur, Phulari Bihta, District Patna, Bihar. Total land area of 5.5 acres has been acquired. About 1.8 acres of plant area has been earmarked for green belt. No R&R is involved. No forest land is involved and there are no national parks/wild life sanctuary/reserve forests located within 10 km radius. Total cost of the project is Rs. 18.9 Crores. Rs 75.0 Lakhs and Rs. 5.0 Lakhs are earmarked towards total capital cost and recurring cost/annum respectively for environmental pollution control measures.

3. Multi-cyclone and gravity dust catcher will be provided to coal gasifier system. Stack of adequate height will be provided to reheating furnace to control gaseous emissions. Total water requirement will be 22.5m³/day mainly for cooling and domestic purpose will be met from the ground water source. Cooling water will be recycled and reused. Service water will be passed through oil separator to remove the oil content in the effluent. Domestic effluent will be treated in septic tank followed by soak pit. No effluent will be discharged from the re-rolling mill outside the premises and 'Zero' discharge will be adopted. Power (2.1 MW) will be sourced from Bihar State Electricity Board.

4. Solid waste will be generated in the form of end cutting (4.5 TPD) & carbon slag (8.2 TPD) which will be sold to ingot manufacturers. Carbon slag generated in the gasifier system will be used for filling of low-lying areas and sold to brick manufacturers.

5. The Re-Rolling mills (> 30,000 TPA) are listed at Sl. No. 3 (a) under Non -Toxic Secondary Metallurgical Industries under category 'B' but appraised at the Centre due to absence of SEIAA/SEAC at the State Level. The proposal was exempted from public hearing by categorizing in B-2 category due to use of energy efficient technology, provision

of adequate pollution control measures, no gaseous emissions, no sensitive area within 10 km. radius, 'zero' effluent discharge and utilization of all the solid waste in the process itself etc

6. The proposal was considered by the Expert Appraisal Committee-1 (industry) in its meeting held during 26th -28th August, 2010. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions.

7. Based on the information submitted by you and presentation made by the consultant Shiva Test House, Patna the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS :

- i. To control the particulate emissions below 50 mg/Nm³, multi cyclones shall be installed and emissions shall be dispersed through stack of height as per the prescribed standards.
- ii. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009.
- iii. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.
- iv. Total water requirement shall not exceed 22.5 KLD. The cooling water shall be recycled and zero discharge system shall be adopted. The domestic effluent shall be disposed in the septic tank followed by soak pit. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.
- v. As proposed, green belt shall be developed at least in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- vi. At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.
- vii. The company shall provide housing for 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.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
- iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.
- v. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- x. Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.

- xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
 - xii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - xiii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB / SPCB shall monitor the stipulated conditions.
 - xiv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.
 - xv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.
 - xvi. Project authorities 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 and the date of commencing the land development work.
8. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 9. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 10. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

11. 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 Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(Dr. P.L. Ahujarai)
Scientist 'F'

Copy to:

1. Secretary, State Department of Environment, Government of Bihar, Mantralaya, Patna.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Bihar State Pollution Control Board, Beltron Bhavan, 2nd Floor, Lal Bahadur Shastri Nagar, Patna- 800023
4. The Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment and Forests A-3, Chandrashekharpur, Bhubaneswar ? 751 023, Orissa
5. Additional Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.
6. Guard file.
7. Record file.
8. Monitoring file.


(Dr. P.L. Ahujarai)
Scientist 'F'

