

State Level Environment Impact Assessment Authority, Jharkhand.

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Letter No.- EC/ SEIAA / 2013-14/82/2013/ 2566

Ranchi, Date: 31.12.2015

To: M/s Super Smelters Limited,
Shri Sita Ram Agrawal,
Addi Bunglow Road, Telaiya Basti,
Jhumri Tilaiya, Dist.- Koderma,
Jharkhand – 825409.

Sub.: Environmental Clearance for the project “Modrernisation cum Expansion of TMT product of M/s Super Smelters Limited, Village – Telaiya Basti, Tehsil-Koderma, District – Koderma, Jharkhand-825004”.

Sir,

It is in reference to the project “Modrernisation cum Expansion of TMT product of M/s Super Smelters Limited, Village – Telaiya Basti, Tehsil-Koderma, District – Koderma, Jharkhand-825004” submitted by you for seeking prior Environmental Clearances (EC).

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 18th to 24th December, 2015.

The Proposal is for obtaining Environmental Clearance for expansion of Induction Furnace & Rolling Mill in the existing plant premises at Addi Bunglow Road, Jhumri Telaiya, District-Koderma. Total project area is 7.43 acres and green belt will be developed in 2.47 acres i.e. 33% (inclusive of existing) of the total plant area. Expansion will be taken up at the existing location. Total cost of the expansion project is Rs. 20.96 Crores. The sponge iron, pig iron, scrap and Ferro Alloys will be fed to Induction furnace to make ingots / billets which will be rolled to produce TMT bars. Coal which was being used in gasifier to producer gas will be discontinued during expansion. Fume extraction system will be provided to Induction Furnaces. Total water required for the proposed expansion project is 67 m³ /d. The water requirement for the proposed expansion project will be drawn from Bore Wells. Slag generated from SMS will be crushed and after iron recovery the inert material will be used in road construction. Mill scale from Rolling mill will be reused in SMS. Power requirement for the proposed plant will be met from DVC.

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The existing as well as proposed units along with their capacities and products are as follows:

UNITS	CAPACITY	PRODUCT
EXISTING PLANT SCENARIO		
Induction Furnace, 4X 4 t	63,000 TPA	Billets
Rolling Mill	96,000 TPA	TMT
Producer Gas Plant	6,000 Nm ³ /hr	Producer Gas
PROPOSED PLANT		
Phase I		
Induction Furnace, 2X 12 t	110,000 TPA	Billets
Rolling Mill	100,000 TPA	TMT
Phase II		
Induction Furnace, 2X 12 t	110,000 TPA	Billets
Rolling Mill	100,000 TPA	TMT

Following the decision of SEIAA, as mentioned above, Environmental Clearance is hereby issued to the project **“Modrernisation cum Expansion of TMT product of M/s Super Smelters Limited, Village – Telaiya Basti, Tehsil-Koderma, District – Koderma, Jharkhand-825004”** alongwith the following conditions-

Specific Condition

1. Raw material / Input material shall be sourced from authorized mine owners / producers with valid environment clearance.
2. Efforts should be made to reduce RSPM levels in the ambient air and a time bound action plan should be submitted. Continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices installed.
3. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.
4. All environmental parameters in the work zone shall comply with the criteria specified in Factories Act.
5. Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 should be followed.

6. Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.
7. Efforts should be made to make use of rain water harvested. If needed, reservoir should be created to meet the water requirement. Only balance water requirement should be met from other sources / ground water. Prior permission for extraction of Ground water is to be obtained before start of expansion project.
8. Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Regional Office of JSPCB / SEIAA, Jharkhand.
9. 'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.
10. Slag should be used for land filling inside the plant or used as building material only after passing through Toxic Chemical Leachability Potential (TCLP) test. Toxic slag should be disposed in secured landfill as per CPCB guidelines. Otherwise, hazardous substances should be recovered from the slag and output waste and be disposed in secured landfill as per CPCB guidelines.
11. Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Regional Office of JSPCB / SEIAA, Jharkhand.
12. A time bound action plan should be submitted to reduce solid waste, its proper utilization and disposal.
13. A Risk and Disaster Management Plan alongwith the mitigation measures should be prepared and a copy submitted to the Regional Office of JSPCB / SEIAA, Jharkhand within 3 months of issue of environment clearance letter.
14. The current area of green belt i.e. 24.6 % should be enhanced to 33 % area.
15. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.
16. Prior permission from the State Forest Department should be taken regarding likely impact of the expansion of the proposed plant on the reserve forests. Measures should be taken to prevent impact of particulate emissions / fugitive emissions, if any from the proposed plant on the surrounding forests. Further, Conservation Plan required for the conservation of wild fauna in consultation with the State Forest Department should be prepared and implemented.
17. At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details alongwith time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.

Other Conditions

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for a period of five (5) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under 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 Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Sd/-

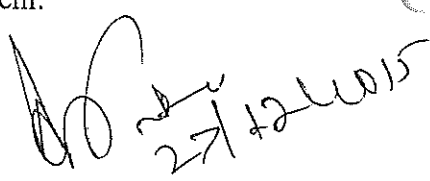
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.

Memo No.- EC/ SEIAA / 2013-14/82/2013/

Dated:

Copy to:

1. Principal Secretary, Department of Forests & Environment, Jharkhand.
2. Deputy Commissioner, District- Koderma, Jharkhand.
3. Divisional Forest Officer, Koderma Division, Koderma, Jharkhand.
4. Director IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryavaran Bhavan, Jorbag Road, Aliganj, New Delhi - 110003
5. District Mining Officer, District- Koderma Jharkhand
6. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
- ✓ 7. Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
8. Website.
9. Guard file


Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.