

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY(SEIAA), BIHAR
BELTRON BHAWAN, 2ND FLOOR, SHASTRI NAGAR, BAILEY ROAD,
PATNA-800023**

Ref No. 129

dated:-10/08/2015

From,

**Dr. R.C. Sinha,
Chairman,
SEIAA, Bihar**

To,

**Binay Kumar Singh,
Managing Director
401 C, Narayan Plaza
Exhibition Road, Patna-800001**

**CONDITION FOR ENVIRONMENT CLEARANCE FOR PROPOSED EXPANSION OF
INDUCTION FURNACE PLANT (UNIT 2) OF M/S NEELKAMAL STEELS PVT. LTD. (NSPL)
LOCATED AT MAUZA SABALPUR, PLOT NO. 1359 AT DEEDARGANJ, DIST. PATNA
(BIHAR).**

With reference to your letter Ref. No. NSPL-II/DEC/2014-15/008 dt: 23.12.2014 (received on 29-12-2014) has examined by SEAC and processed in accordance with the EIA Notification, 2006 and its amendment thereof. It is noted that the salient features of the project for which environmental clearance has been accorded by SEIAA are as follows:

The proposal is for proposed expansion of Induction Furnace Plant (Unit 2) of M/s Neelkamal Steels Pvt. Ltd. (NSPL) located at Mauza Sabalpur, Plot No. 1359 at Deedarganj, Dist. Patna (Bihar). NSPL has proposed to expand the existing MS Billet Plant (29000 MT/Annum) to 57800 MT/ Annum MS Billet and 57800 MT/Annum TMT Bar/ROD by addition of 1 No. 12 Ton Induction Furnace and Re-rolling Mill of 57800 MT/Annum within existing premises of NSPL Unit 2.

The proposed expansion will be carried out in an existing plant area of 1.25 acre. Geo Co-ordinates of Project Site are from Latitude 25°33'38.23"N - 25°33'42.41"N to Longitude 85°15'59.69"E - 85°15'58.16"E & Latitude 25°33'42.87"N - 25°33'40.87"N to Longitude 85°16'2.57"E - 85°15'53.63"E at 51 m. above MSL. It is about 8 kms from district head quarter Patna and is well connected by NH - 30 and rail with rest of the country. NSPL is about 5 Km. (E) from Patna Sahab Railway Station on Howrah - Delhi Main Line Sec. of ECR. There is no reserved forest, hills / valleys & ecologically sensitive zone within a radius of 10 km. River Ganga

CHAIRMAN

flows at a distance of 0.5 km. from the project site. There is no litigation pending against the proposed project. Total cost of the project is Rs. 403.62 Lakhs.

Existing & Proposed Manufacturing & Production Details are as under ;

Manufacturing Facilities	Product	Existing capacity	Proposed Expansion	TOTAL Capacity
Induction Furnace	MS Ingot/Billet	29000 MT/Annum	28800 MT/Annum	57800 MT/Annum
Re-rolling Mill Furnace	TMT Bars/Rods	New Plant		57800 MT/Annum

Total Water requirement is 25 KLD and NOC from ground water deptt. is not required as the project falls in safe category. There will be no discharge from the proposed unit. The total cost for EMP- Capital cost is Rs. 26.0 Lakhs and recurring cost will be 7.0 Lakhs/Annum. An amount of Rs. 20 Lakhs has been allocated for Enterprise Social Commitment which is the 5 % of total cost of the project for undertaking socio-economic activities for the initial 5 years.

Based on the information submitted by PP, and presentation made by PP and PP Consultant Mantras Green Resources Ltd. Nashik, Maharashtra, the SEAC, Bihar hereby recommends Environmental Clearance to the above project under the provisions of EIA Notification 2006 and amendments thereof, subject to the strict compliance of the following conditions ;

PART A – SPECIFIC CONDITIONS

- i. No change of Products or capacity shall be undertaken without prior approval of SEIAA, Bihar / MoEF, Govt. of India.
- ii. Sufficient air pollution control system viz. Fume extraction system with dust collectors, ID Fan and Stack of adequate height (as per CPCB) to furnace shall be provided to control emission below 50 mg/NM³.
- iii. Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.
- iv. The total water requirement shall not exceed 25 m³/day. 'Zero' Effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.
- v. Rain water harvesting structures should be provided to recharge the ground water aquifer. Efforts shall be also made to recycle harvested rain water.
- vi. Green belt over 33% of the total project area should be developed and maintained within plant premises with at least 10 m. wide green belt on all sides along the periphery of the project area in downward direction to mitigate the effects of fugitive emissions as per the CPCB guidelines.

- vii. Occupational Health Surveillance of Workers including regular analysis for respiratory and audiometric parameters shall be done on a regular basis and records shall be maintained as per the Factories Act.
- viii. Proper housekeeping shall be maintained within premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices should be adopted for improvement of the environment within the work environment.
- ix. At least 5% of the profit of the project shall be earmarked towards Corporate Social Responsibility (CSR) based on local needs and details along with time schedule for implementation shall be prepared and submitted to the SEIAA, Bihar.
- x. Risk & Disaster Management Plan along with Mitigation Measures should be prepared and a copy submitted to BSPCB & SEIAA Bihar within 3 months of issue of Environmental Clearance.
- xi. Slags (containing iron) generated due to proposed project operation should not be used for land filling. All the generated iron slag shall be used for cement manufacturing or reuse in iron industries.
- xii. Regular Monitoring and analysis of all environmental components viz. Ambient Air Quality, Stack Emission, Noise Level and Ground water should be done and reports should be submitted to BSPCB, Patna / SEIAA, Bihar.

PART 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. Project Proponent should obtain prior Consent to Establish (NOC) under Sec. 25 & 26 of The Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act'1981 from Bihar State Pollution Control Board before start of any construction activities.
- iii. Project Proponent should obtain prior Consent to Operate under Sec. 25 & 26 of the Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act'1981 from State Pollution Control Board before start of production activities.
- iv. Water Meters shall be installed at water intake point and water cess should be submitted to SPCB as per guidelines of E(P) Act.
- v. At least Four Ambient Air Quality Monitoring Stations shall be set up. One in the down wind direction and three where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂, NO₂, are anticipated in consultation with the Bihar State Pollution Control Board. Data on ambient air quality and stack emission shall be regularly monitored and test reports will be submitted to SEIAA Bihar / BSPCB / once in six months.
- vi. The overall noise levels in and around the plant area shall be kept well within the standards 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 (day time) and 70 dBA (night time).
- vii. The project authorities shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
 - viii. The company shall comply with the recommendations made in the EIA/EMP report.
 - ix. The project authorities shall earmarked requisite funds towards capital and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by SEIAA, Bihar with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
 - x. A copy of the 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 who suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
 - xi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF & CC at Bhubaneshwar, SEIAA, Bihar and the State Pollution Control Board.
 - xii. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 along with the status of compliance of environmental clearance conditions and shall also be sent to Regional Office of MoEF (Ranchi) & SEIAA, Bihar.
 - xiii. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which should be in the vernacular language informing the public that the proposed expansion project has been accorded Environmental Clearance and copies of clearance letters are available with the Bihar State Pollution Control Board and may also be seen on the website of the SEIAA, Bihar. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Bhubaneswar & SEIAA Bihar.
 - xiv. 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.

PART C – CONDITIONS FOR ENTIRE LIFE OF PROJECT

- i. No further expansion / modification in the plant shall be carried out without prior permission of SEIAA, Bihar / MoEF, Govt. of India.
- ii. Project Proponent should obtain Consent to Operate under Sec. 25 & 26 of The Water (Prevention & Control of Pollution) Act'1974 and under Sec. 21 of The Air (Prevention & Control of Pollution) Act' 1981 from State Pollution Control Board regularly.

- iii. Slags generated due to proposed project operation should not be used for land filling. All the generated iron slag shall be used for cement manufacturing or reuse in iron industries.
- iv. Occupational Health Surveillance of Workers including regular analysis for respiratory and audiometric parameters shall be done on a regular basis and records shall be maintained as per the Factories Act.
- v. Proper housekeeping shall be maintained within premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices should be adopted for improvement of the environment within the work environment.
- vi. Green belt over 33% of the total project area should be maintained within plant premises with atleast 10 m. wide green belt on all sides along the periphery of the project area in downward direction to mitigate the effects of fugitive emissions as per the CPCB guidelines.
- vii. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.

The SEAC/SEIAA Bihar will have the right to amend the above conditions and add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.

Any appeal against this Environmental Clearance shall lie with the National Green Tribunal (NGT), if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

Sd/-
(Dr. R.C. SINHA)
Chairman,
SEIAA, BIHAR

CHAIRMAN
STATE ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY
(SEIAA) BIHAR

Memo No: 129

Date:-10/08/2015

Copy forwarded to:

1. The Principal Secretary, Environment & Forests, Dept. Govt. of Bihar, Sinchai Bhawan, Patna.
2. The Chairman, Bihar State Pollution Control Board, Beltron Bhawan, 2nd Floor, LBS Nagar, Jawahar Lal Nehru Marg, Shastrinagar, Patna-800023
3. The Chairman, SEAC, Bihar
4. The Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-23
5. Chief Conservator of Forest, Ministry of Environment & Forest & CC, Regional office,(EZ), A/3, Chandrashekarpur, P.O.-Rail Vihar, Bhubneshwar-751023
6. The Advisor,(EIA), Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
7. Guard file.

R.C. Sinha 10/8/15

(Dr. R.C. SINHA)

Chairman,

SEIAA, BIHAR

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ASSESSMENT AUTHORITY
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