



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
BIHAR

Ref No. 94/SRLAA/17.

Patna-23, dated:- 27/06/17.

From,

Prof. R. C. Sinha  
Chairman,  
SEIAA, Bihar

To,

Shri Santosh Kumar Kanodia,  
(Director)  
M/S BALMUKUND CONCAST LTD.  
108, Kalyani Complex,  
Exhibition Road,  
District – Patna,  
State – Bihar.  
Pin- 800 001

Sub: Environmental Clearance for the proponent  
“BALMUKUND CONCAST LTD., (MODERNISATION &  
EXPANSION PROJECT), Khata No.- 29, 34, 72, 96, 155,  
146, 183, 473, 415, 426, 125, 221, Khesra No.- 1732, 1733,  
1730, 1731, 1714, 1734, 1708, 1707, 1706, 1704, 1701, 1702,  
1747, 1698, 1699, 1741, 1742, 1738, 1739, 1735, 1736, 1737,  
1740, 1743, 1744, Village:- Mahadeopur Phulari, Tehsil-  
Bihta, District:- Patna, State:- Bihar.”

Sir,

This has reference to your application submitted vide letter. No.- SEIAA/Exp./2015/I, dated 11<sup>th</sup> March, 2016 in this regard seeking environmental clearance, your application was appraised by SEAC in its meeting held on 28<sup>th</sup> April, 2017 as per EIA Notification, 2006 and its amendment thereof. On the recommendation of SEAC, SEIAA in its

meeting held on 24<sup>th</sup> May, 2017 accords Environmental Clearance with the following conditions.  
The salient features are as follows:-

The salient feature of project is given in table given below:-

Name of the Project	BALMUKUND CONCAST LTD., (MODERNISATION & EXPANSION PROJECT)			
Name of the applicant	Shri Santosh Kumar Kanodia			
Location of the project	Village:- Mahadeopur Phulari, Tehsil- Bihta, District:- Patna, State:- Bihar			
Registered Address of applicant	Shri Santosh Kumar Kanodia (Director) 108, Kalyani Complex, Exhibition Road, Patna – 800 001.			
Schedule & Category	Schedule:- 3 (a) Category:- B <sub>1</sub>			
Plot/Survey/Khesra No.	Mauza:- Mahadeopur Phulari, Khata No.- 29, 34, 72, 96, 155, 146, 183, 473, 415, 426, 125, 221, Khesra No.- 1732, 1733, 1730, 1731, 1714, 1734, 1708, 1707, 1706, 1704, 1701, 1702, 1747, 1698, 1699, 1741, 1742, 1738, 1739, 1735, 1736, 1737, 1740, 1743, 1744			
Geographical Location of the project site	Latitude:- 25° 34' 46.32" N Longitude:- 84° 52' 00.09" E			
Existing Capacity	MS Ingot/billet:- 36,000 MT/Annum (Two furnace of 18,000 MT each) MS TMT/Rod:- 52,350 MT/Annum (Two Re-rolling Mill of 28,350 MT & 24,000 MT)			
New/Expansion/Modernization	Modernization & Expansion by changing machinery in Re-rolling Mill unit 1 & by installation of New 12 Ton Induction Furnace.			
Proposed capacity/area/length/tonnage to be handled/command area/ Lease area/ number of wells to be drilled	Product	Existing (Ton/Annum)	Proposed modernization & expansion (Ton/Annum)	New Capacity (Ton/Annum)
	M.S. Ingot/billet	36,000	28,350	64,350
	TMT Bar/Rod	52,350	7,560	60,000
Elevation above mean sea level	51 Meter			
Nearest Highway	NH – 30 (0.5 Kilometer)			
Nearest Railway Station	Bihta (2.5 Kilometer)			
Nearest major City	Bihta (2.5 Kilometer)			
Nearest River	River Sone (06 Kilometer)			
National Park	Not exist within 5 Kilometer radius.			
Wildlife Sanctuary				
Biosphere Reserve				

	Item	Input Quantity in MT/Annum	Source
Raw Material	Steel Scrap & CI	3,861	Local dealers at Patna, Other parts of Bihar & Jharkhand
	Sponge Iron	61,776	
	Pig Iron	11,583	
	Ferro Alloy, FeSi	514.8	
	MS Ingot/Billet for Re-rolling Mill Unit	64,350	Own production inside the premises.
Power Consumption	14,000 KVA of power will be sourced through SBPDCL for operation of proposed project. 02 No. of DG Sets, 1 No. of 725 KVA & 1 No. of 250 KVA will be used for emergency purpose.		
Solid Waste Generation	<b>Solid Waste Generation</b>	<b>Generation (TPA)</b>	<b>Management</b>
	Iron Slag	12,870	20% iron will be recovered and balance will be sold to cement producers and can be used for filling of low land areas.
	End Cuttings	64.35	Recycle & Reuse as raw material in production of MS Billet within premises.
Manpower Requirement	50 Nos. (Skilled, Unskilled Labours, Officer & Staffs etc.)		
Total Water Requirement	30 KLD		
Total Plot area	7.83 Acre (31,686.88 M <sup>2</sup> ) 31,686.88 M <sup>2</sup>		
Green Belt area	10,438.68 M <sup>2</sup> (33% of Total Plot area 7.83 Acre)		
Total Project Cost	₹ 13,33,00,000/-		

#### **PART A – SPECIFIC CONDITIONS**

- i. No change of Products or capacity shall be undertaken without prior approval of SEIAA, Bihar / MoEF&CC, 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/NM<sup>3</sup>.
- 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 25m<sup>3</sup>/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. The project Proponent directed to deposit 10% of the CSR cost (2.5% of the total project cost) as security in the form of fixed deposit, in a nationalized bank, pledged in the name of SEIAA, Bihar and details along with time schedule for implementation shall be prepared and submitted to the SEIAA, Bihar.
- x. 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.
- xi. 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.
- xii. Parking & road will not come up in green belt area.
- xiii. For withdrawal of ground water authorization from Central Ground Water Board (C.G.W.B.) if applicable.

#### **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 PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>2</sub>, 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. The applicant shall inform the public that the project has been accorded environmental clearance by SEIAA and that the copies of the clearance letter are available with the Website of SEIAA. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Hindi language and the other in English. A copy each of the same shall be forwarded to SEIAA, Bihar.

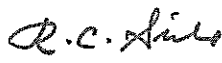
- xi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as soft copy by e-mail) to the Regional Office of MoEF&CC at Ranchi, SEIAA, Bihar and the Bihar State Pollution Control Board.
- xii. The environmental statement for each financial year ending 31<sup>st</sup> 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&CC (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&CC at Ranchi & 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&CC, 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 meter 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.
- viii. 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.
- ix. 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.

  
(Prof. R.C. SINHA)  
Chairman,  
SEIAA, BIHAR