

JAYASWAL NECO INDUSTRIES LTD

CIN : L28920MH1972PLC016154

(STEEL PLANT DIVISION)

SILTARA GROWTH CENTRE, BILASPUR ROAD, SILTARA, RAIPUR - 493111 (C.G.) - INDIA

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JNIL/MOEF &CC/2021/ 157

Dated 6th of October, 2021

The Director (Industry-1)
Ministry of Environment, Forests & Climate Change (I.A Division)
Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj,
New Delhi – 110003

Subject: Expansion and Modernization of the Integrated Steel Plant - Blast Furnace - 0.75 MTPA to 2.00 MTPA, Sinter Plant - 0.80 MTPA to 2.80 MTPA, Pellet Plant -1.2 MTPA to 3.0 MTPA, Coke Oven -0.20 MTPA to 1.10 MTPA, Air Separation unit (Oxygen Plant) - 510 TPD to 1500 TPD, SMS -1.20 MTPA to 2.40 MTPA, Rolling Mill - 1.20 MTPA to 2.40 MTPA, DRI -0.27 MTPA to 0.35 MTPA, Cement Grinding unit - 2.40 MTPA, , Producer Gas Plant-1,16,000 Nm³/hr and Power Plant - 56 MW to 160 MW at Siltara Growth Centre, Siltara, Raipur, Chhattisgarh - Submission of Form-I & Prefeasibility Report for issuance of TOR - Reg.

Sir,

We are operating an Integrated Steel plant at Siltara Industrial Centre, Siltara, Raipur, Chhattisgarh since 1996. The Existing plant premises had the last consolidated E.C issued vide No. J-11011/883/2008-IA-II (I) dated 26-03-2009. Due to weak market sentiments some of the facilities of the existing EC could not be established and the overall validity period had lapsed. In view of the, we are submitting a fresh Form-1 and Prefeasibility Report for Modernization and Expansion of the balance projects along with some new facilities. The details are as below:-

The details of the Existing and the proposed modernization and expansion project is as below :-

S.No	Facility (Product)	Existing Capacity (Under operation)	Proposed Addition (Expansion)	Total Capacity
1	Blast Furnace & BF Gas based Power Plant (Pig iron/Hot Metal)	0.75 MTPA (0.65 +0.10)	0.75 to 1 MTPA under modernization and 1.00 MTPA addition	2.0 MTPA
	(Electricity)	8 MW + 6 MW (BF Gas Based)	4+24MW (BF Gas Based)	42 MW (BF Gas Based)
2	Sinter plant (Sinters)	0.8 MTPA	2.0 MTPA	2.8 MTPA
3	Pellet Plant (Pellets)	1.5 MTPA (1.20+.30)	1.5 MTPA	3.0 MTPA
4	Coke Oven & Power Plant (Coke + Electricity)	0.2 MTPA	0.90 MTPA	1.10 MTPA
		12 MW (WHRB)	76 MW (WHRB)	88 MW (WHRB)
5	Oxygen plant (Oxygen)	510 TPD	990 TPD	1500 TPD
6	Steel Melting Shop (Hot Billets / MS Billets / Slabs)	1.2 MTPA	1.2 MTPA	2.4 MTPA
7	Rolling Mill (Bright Bar /	1.2 MTPA	1.2 MTPA	2.4 MTPA



S.No	Facility (Product)	Existing Capacity (Under operation)	Proposed Addition (Expansion)	Total Capacity
	BSM/ Wire Rod/ Rolled Products)			
8	DRI & Power Plant ** (Sponge Iron) (Electricity)	*0.12 + 0.15 MTPA (350 TPD + 500 TPD)	0.08	0.35 MTPA
		* 1 x 7.5 MW WHRB 1 x 7.5 MW FBC 1 x 12 MW WHRB	-----	30 MW (2x15 MW Turbine)
9	AFBC Boiler- standby (Electricity)	30 TPH	-----	30 TPH
10	Cement Grinding Unit (Cement)	-----	2.4 MTPA (applied a fresh)	2.4 MTPA
11	Gasifier (Producer Gas)	-----	1,16,000 Nm ³ /hr	1, 16,000 Nm ³ /hr

** The above two projects are being operated only with CTE issued under Air and Water Act. 1 x 350 TPD DRI + 15 MW Power Generation was commissioned by M/s. Abhijeet Infrastructure Ltd and 1 x 500 TPD DRI with 15 MW Power Plant was commissioned by M/s. Corporate Ispat Alloys Ltd. Vide High Court Bombay order dated 13-11-2009, both the plants demerged from those respective company and merged with M/s. Jayaswal Neco Industries Limited.

The existing plant is located at National Highway 30 connecting Raipur and Bilaspur. Total land available is **481.292 Ha.** which is diverted land and is in the possession of company. The existing plant is having a water sanction of 8 MGD (36368 KLD) from Kharoon River with self- built Anicut. Presently the plant is drawing less than 4 MGD (around 15000 KLD) the balance capacity is sufficient to meet the expansion requirement of water in totality. All existing infrastructure like Railway Line Connectivity, wagon tippler facility, Internal reservoirs to hold water required for total 2.40 MTPA, internal road infrastructure, power connectivity with CSPDCL, are all established which can cater to the requirement of 2.40 MTPA capacity integrated steel plant.

Keeping in view the above we request your good selves to kindly consider our application and issue us Standard TOR for EIA study for obtaining Environmental Clearance at the earliest.

Thanking you,
Yours faithfully

For JAYASWAL NECO INDUSTRIES LIMITED

SUSANTA KUMAR MOITRA
ASSOCIATE DIRECTOR & AUTHORIZED SIGNATORY



Enclosed: As stated above.