



राष्ट्रीय इस्पात निगम लिमिटेड
(भारत सरकार का उपक्रम)

Rashtriya Ispat Nigam Limited
(A Government of India Undertaking)
CIN : U27109AP1982GOI003404



Ltr. No. Mines/HQ/2-03A/2020/

Date: 14.09.2020

To
The Member Secretary,
The Expert Appraisal Committee (Mining-Non Coal Mining Sector),
O/o Director, IA-Division (Non Coal Mining)
Vayu-305, Indira Paryavaran Bhavan,
Ministry of Environment Forest & CC, Jorbagh Road,
New Delhi-110003

Respected sir,

Sub: Submission of EC documents for Garbham Manganese Mine of M/s. Rashtriya Ispat Nigam Limited under EIA Notification' 2006 – Reg.

Ref: 1) Previous granted EC No. J-11015/375/2005-IA.II(M), dated 04.10.2006.
2) Minutes of EAC meeting held on 20.08.2020
3) MoEF&CC, New Delhi S.O 1530 (E) dt: 06.04.2018

Rashtriya Ispat Nigam Limited (RINL), Visakhapatnam Steel Plant, a CPSE under Ministry of Steel, Government of India operates a Mining Lease for Manganese at Garbham Village, Merakamudidam Mandal, Vizianagaram District, Andhra Pradesh. Manganese is one of the essential raw materials for making steel at Visakhapatnam and Garbham Manganese Mine(GMM) is the lone captive source of supply of Manganese to the main Plant.GMM was granted EC vide ref cited (1) above as per EIA Notification 1994. RINL proposed for an amendment proposal vide no. IA/AP/MIN/11447/2006, Dt. 18.10.2016 for change of mining technology from manual to mechanized screening without change in EC capacity i.e., 50TPD.

We have attended for the 20th EAC meeting through Video Conferencing on 20.08.2020 and the Expert Appraisal Committee concluded in the Minutes of meeting that the EC of GMM need to be apply as fresh application for obtaining EC as per EIA notification 2006 & S.O. 1530 (E) Dated 06.04.2018, only then the amendment can be granted to the present proposal.

In this regard, RINL has applied for fresh EC with form-1 on Parivesh Portal. Hence, we request to kindly consider for grant of of Environmental Clearance for Garbham Manganese Mine as per the EIA Notification 2006.

Thanking you sir,

Yours Faithfully,

For Garbham Manganese Mine of
M/s. Rashtriya Ispat Nigam Limited

P. Ramakrishna
P. Ramakrishna **रामकृष्ण- P. RAMAKRISHNA**
Dy. General Manager (Geology)
RINL, Visakhapatnam Steel Plant

आर आई एन एल, विशाखपट्टणम इस्पात संयंत्र
RINL, Visakhapatnam Steel Plant

हिन्दी के प्रयोग का स्वागत है पत्र का उत्तर शीघ्र दिया जायेगा।

Please send your reply to :

Web Site : www.vizagsteel.com

विशाखपट्टणम इस्पात संयंत्र, विशाखपट्टणम - 530 031

Visakhapatnam Steel Plant, Visakhapatnam - 530 031

E-mail :

Cell No. :



Regd. Office : Rashtriya Ispat Nigam Limited (A Government of India Undertaking)
Visakhapatnam Steel Plant, Administrative Building, Visakhapatnam - 530 031, INDIA.

पंजीकृत कार्यालय : राष्ट्रीय इस्पात निगम लिमिटेड, (भारत सरकार का उपक्रम)

विशाखपट्टणम इस्पात परियोजना, प्रशासनिक भवन, विशाखपट्टणम - 530 031, भारत

STANDARD TEMPLATE FOR EVALUATION OF ALL PROJECTS/ ACTIVITIES

S.No	Information required	Information to be furnished by the proponents
1	Name of the project or activity	Garbham Manganese Mine of M/s. Rashtriya Ispat Nigam Limited. Mining of Manganese
2	Name of the organization/owner.	P.Ramakrishna, Deputy General Manager (Geology)
3	Address for communication	P.Ramakrishna, Deputy General Manager (Geology), Garbham Manganese Mine of M/s. Rashtriya Ispat Nigam Limited, Room No. 384, Mines Department, 2nd Floor, Block-C, Main Administration Building, Visakhapatnam Steel Plant, Visakhapatnam, Andhra Pradesh – 530031
4	Telephone numbers	Mobile : 9989012438; Land Line (O) - 0891-2744917
5	Email ID of the organization or contact person	pamidimukkala@vizagsteel.com garbhammines@gmail.com
6	Location of the Proposed project or activity	Sy. No. 251,252/ (1,2&3),253 to 256,257 (P), 120,122,123,124/(1 to 5,8,9), 125 to 137,205, 206,228,229,230,298 to 306, 308, 374, 375, 376 & 379, Garbham Village, Merakamudidam Mandal, Vizianagaram District, Andhra Pradesh.
7	Appraisal Category (B2 or B1)	Category 'A'
8	Nearest habitation and distance from the	Garbham Village is present adjacent to the

	project or activity	Central Garbham mine area in South direction.
9	Installed capacity / Production Capacities	Proposed Production Capacity – 50 TPD
10	Specify the Fuel (Coal/ CNG / biomass/Others) and quantity required	Diesel based machinery will be used during quarry operations.
11	Details of Land use/Land Cover	Govt. & Waste land – 143.33 Ha Pvt., & agricultural land – 121.21 Ha
12	Occupancy, ownership of the land in which the activity is proposed: (Government land / Private land/ Forest land /Revenue land/ Temple land/ leased land/ land belongs to other Department)	Govt. & Waste land – 143.33 Ha Pvt., & agricultural land – 121.21 Ha The mine EC has obtained vide Lr.No. J-11015/375/2005-IA.II (M) dt. 4.10.2006 . As existing EC has been expired now again we are applying for EC as per EIA notification 2006. Mining plan was approved by the letter No. AP/VZNR/MS/Mn-265-SZ/2048 dated 15.12.2013 . The present review of mining is submitted under rule no. 17(2), MCR 2016 for the period 2018-19 till the mining lease validity period i.e. 07.10.2022 and mining scheme was approved by the Letter No: AP/VZNR/MP/Mn-81/HYD dated 21.02.2018
13	If it is a Forest land, the following details shall be furnished: (Whether it is a Reserved forest/ Protected forest/ Demarcated forest/ National Parks/ Sanctuaries/ any land in possession of Forest Department.) (The village map with Sy. No. indicating nearest forest boundary line from the site shall be enclosed)	No forest area is present within the mine lease area.
14	Total investment of the project/activity.	Project cost :Rs.100.0 Lakhs
	a. Funds allocated for EMP (capital cost	Proposed Capital Cost : 7.4 Lakhs

	and recurring cost per annum)	Recurring Cost per annum:5.65 Lakhs
15	Brief description of the project with special reference to specific pollution and its control measures.	<p>The method of mining shall be opencast basis. Excavation is being carried out by semi mechanized method. Bench height and width with safety slope will be maintained.</p> <p>During mining operations fugitive dust emissions will be generated. Control devices such as water sprinklers and green belt development will reduce the generation and spreading of dust emissions.</p> <p>Domestic effluent will be treated in septic tank followed by soak pit. No other liquid effluent is generated due to this mine activity.</p> <p>Noise levels will be increased during operations and shall be maintained within the prescribed limits. PPE's such as ears protection will be provided to the workforce. Equipments and vehicle will be regularly serviced to maintain them in good condition.</p>
16	Compliance report on the following :	
	i. Status of compliance of the conditions and environmental safeguards stipulated in the earlier clearance letters.	<p>Fresh</p> <p>The mine EC has obtained vide Lr.No. J-11015/375/2005-IA.II (M) dt. 4.10.2006. As existing EC has been expired now again we are applying for EC as per EIA Notification, 2006 Dt. 14.09.2006 & S.O. 1530(E), Dt. 06.04.2018 and as per 20th EAC meeting dated 20.08.2020 directed to apply for fresh EC with a capacity i.e., 50 TPD.</p>

	ii. Details of the court cases, if any, pending in any Court of Law against the project as well as any directions passed by the Court relating to the project directly or indirectly.	No court case/Litigation is pending against the proposed project.
	iii. Details of the notices, if any, given to the project under Section 5 of the Environmental (Protection) Act, 1986 and Section 18 of the Air (Prevention & Control of Pollution) Act, 1981.	Nil
17	Whether the project attracts the provisions laid under the OM dt. 16.11.2012 issued by the MoE&F, GOI, w.r.t. violation of EIA Notification, 2006 and its amendments thereof? (Yes/No)	No.
	Present stage and status of the project:	Present the mine work has been stopped.
18	Name of the Consultant:	SV Enviro Labs & Consultants, Visakhapatnam

2.10 Amendment in General condition (i) B w.r.t. Change in technology in existing EC vide letter no J-11015/375/2005-IA.II(M) dated October 4, 2006 of Garbham Manganese Ore Mine of M/s Rashtriyaspat Nigam Limited at Village Garbham, Tehsil Merakamudldam in District Vizianagaram in Andhra Pradesh (264.540 Ha. 50 TPD) [Proposal no: IA/AP/MIN/11447/2006; File No. J-11015/375/2005-IA.II(M)] - Amendment in EC.

The proposal of **M/s Rashtriya Ispat Nigam Limited** is for amendment of EC condition sought for change in technology vide clause (i) of "B" of General conditions of existing EC granted vide letter No. J-11015/375/2005-IA.II (M) dated 04.10.2006 for Garbham Manganese Ore Mine of M/s Rashtriya Ispat Nigam Limited at Village Garbham, Tehsil Merakamudldam in District Vizianagaram in Andhra Pradesh (264.540 Ha. 50 TPD).

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category A or Activity 1(a) as the mining lease area is greater than 100 ha.

3. PP has submitted that the environmental clearance was granted by MoEF&CC vide letter no. J-11015/375/2005-IA.II (M) dated 04.10.2006 with a general condition no. B (i) *"No change in mining technology and scope of working shall be made without prior approval of Ministry of Environment & Forest."* PP vide its Proposal No. **IA/AP/MIN/11447/2006 dated 11.11.2016** has applied for amendment in EC w.r.t. the above-mentioned general condition B (i) for change in technology. The PP has mentioned that the modernization through mechanized screening would bring down the demand supply gap. Hence it is proposed to set-up screening plant with a handling capacity of 40 MT/hour powered by Diesel Generator set. **The proposal was earlier placed in the EAC meeting held during 23rd -25th November, 2016 wherein the Committee deferred** the proposal for want of requisite information. The PP submitted the requisite information online on 30.07.2020 and the proposal is placed in EAC meeting held during 19-21 August, 2020.

4. During the meeting in addition to information submitted by the PP the Committee observed that area is also most virgin as very less quantity of the mineral was excavated. The Committee also noted that the EC granted in this case was granted under EIA Notification 1994 and PP was required to apply as per provision of S.O. 1530(E) dated 6.04.2018. The Committee is of the view that if PP would have submitted the information on time the amendment in EC was granted under EIA 2006 and PP is not required to apply as per S.O. 1530(E). PP informed the Committee the delay in reply to the ADS is due to delay in preparation and approval of the modified mining plan & preparation of impact study for DG Set. The Committee is of the view that EC is no more valid the amendment in the same could not be granted at this stage, however as the proposal was already under consideration in the Ministry, before the issuance of S.O. 1530(E) dated 6.04.2018, the PP may be allowed for lateral entry, under S.O. 1530(E) dated 6.04.2018, to apply in Form-1 for grant of ToR. The Committee therefore **returned the proposal in present form** and

asked the PP to apply afresh in Form-1 for obtaining EC as per provision of S.O. 1530 (E) dated 6.4.2018.

2.11 Production capacity of China Clay 0.24 million TPA(ROM) and production of RED Ochre with a capacity of 0.045 million TPA(ROM) In the ML area of 278.69 Ha by M/s Bhilwara Mines & Minerals, located at village(s) Itawa & kesarpura, Tehsil-Kotri, District Bhilwara, Rajasthan [Proposal No: IA/RJ/MIN/164255/2020 File No. J-11015 / 41 / 2012 - IA .II (M)] -Extension of validity of EC.

The proposal of M/s Bhilwara Mines & Minerals is for *extension of validity of EC granted* vide Letter No. J-11015/41/2012-IA.II (M) dated 07.07.2015 *coterminous with Mining lease* for production capacity of China Clay 0.24 million TPA(ROM) and production of RED Ochre with a capacity of 0.045 million TPA(ROM) in ML area of 278.69 Ha by M/s Bhilwara Mines & Minerals, located at village(s) Itawa&kesarpura, Tehsil-Kotri, District Bhilwara, Rajasthan.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category B or Activity 1(a) as the mining lease area is less than 100 ha.

3. PP has submitted that Environmental Clearance was granted by the vide letter no. J-11015/41/2012 IA. II (M) dated July 7th, 2015 for China Clay and Red Ochre Mining Lease (M.L No. 34/95, M.L Area: 278.69 ha) at Villages: Itawa&Kesarpura, Tehsil: Kotri, District: Bhilwara (Rajasthan) of M/s. Bhilwara Mines & Minerals for enhancement in production capacity of china clay from 0.025 MTPA to 0.24 MTPA & production of 0.045 MTPA (million tonnes per annum) red ochre from the existing mine. In para 3 of EC letter, it is mentioned that, **"Total minerable reserves are (China Clay: 64,0,431 tonnes, Red Ochre: 2,48,429 tonnes). The life of the mine is 27 years for China Clay and 6 years for Red Ochre."**

PP vide its Proposal No. **IA/RJ/MIN/164255/2020 dated 28.07.2020** has applied for amendment in EC w.r.t. *the extension of validity of EC coterminous with the increase in the life of mine*. PP has stated that as per the scheme of mining approved vide letter dated 08.07.2020, **total mineable reserves of red ochre have been increased to 15,39,759 tonnes, thereby increasing the life of mine of red ochre for 55 years.** Therefore, as per EIA notification 2006 (as amended) PP is applying for extension of validity of Environmental Clearance coterminous with increase in the life of mine of mineral red ochre and amendment in EC for the same.

3. PP has submitted that the Mining lease for mineral China Clay (M.L no. 34/95, M.L. Area 278.69 hectares) was granted vide Government order no. F.2 (52) Gr.3/80, dated 20.03.1980 and registered on 28.06.1980 for 20 years. Mining lease was renewed for further twenty years from 28.06.2000 to 27.06.2020 vide Directorate of Mines and Geology order no. DMG/Bhil/cc.9/F-1(1)/34 /95/1957 dated 25.09.1999. The mineral Red Ochre was included in the mining lease vide Directorate of Mines & Geology, order no. DMG/Bhil/CC-