



भारत सरकार

खान मंत्रालय

भारतीय खान ब्यूरो, क्षेत्रीय खान नियंत्रक कार्यालय, रायपुर
दुसरी मंजील, जीएसआई फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,
पोस्ट -विधान सभा, रायपुर- (छ.ग)-492005, फोन- 0771—2282530/2285590/95
ईमेल- ro.raipur@ibm.gov.in / ro.raipur.ibm@gmail.com



संख्या: दंतेवा / टिन / खयो / 1237 / 2020—रायपुर

दिनांक - 22.05.2020

प्रेषित : सर्वश्री प्रेसियस मिनरल्स एण्ड स्मैल्टिंग,
अर्ध शहरी औद्योगिक क्षेत्र,
फ्रेजरपुर, पोस्ट – जगदलपुर,
जिला – बस्तर,
छत्तीसगढ़ – 494001

विषय: खनिज (परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न) रियायत नियम 2016 के नियम 17(3) एवं खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 23 के अंतर्गत प्रस्तुत निकट ग्राम – परचेली, तहसील – दंतेवाडा, जिला – दंतेवाडा (छग) में स्थित बड़े बचेली टिन खान, क्षेत्रफल – 7.55 है. की खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की जांच व खान निरीक्षण के उपरांत इसमें कमियां/त्रुटियों पाई गई हैं। संलग्नक में दर्शाई गयी कमियों/त्रुटियों को सुधारते हुए खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की (3) तीन स्वच्छ बाउण्ड प्रतियां एवं 2 सॉफ्ट कॉपी (CD) इस पत्र के जारी होने की तिथि से पंद्रह (15) दिनों की अवधि में इस कार्यालय में प्रस्तुत करें तथा यह भी सुनिश्चित करें कि तीन स्वच्छ प्रतियों के प्रत्येक पृष्ठ पर अर्हित व्यक्ति द्वारा हस्ताक्षर कर दिये गये हैं। तथा बिन्दुवार कमियां सुधार का विवरण भी प्रस्तुत करें।

आपको यह भी सलाह दी जाती है कि आप खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना की तीन स्वच्छ बाउण्ड प्रतियां पूर्ण सावधानी से तैयार करें अन्यथा पुनः कमियां/त्रुटियां पाए जाने की स्थिति में यह आपको संशोधनार्थ न लौटाते हुए इस पर अंतिम कार्रवाई कर दी जायेगी।

आप कृपया खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना के साथ प्रस्तुत की जाने वाली वित्तीय आश्वासन एम सी डी आर 2017 के अनुसार पाँच वर्ष की अवधि का (Financial Assurance) क्षेत्रीय खान नियंत्रक, भारतीय खान ब्यूरो, रायपुर के पक्ष में प्रस्तुत करें। वित्तीय आश्वासन के अभाव में खनन योजना का उपांतरण सह उत्तरोत्तर खान बंद करने की योजना अपूर्ण मानते हुए अंतिम कार्रवाई कर दी जाएगी।

भवदीय,

संलग्न: यथोपरि

(बी एल. गुर्जर)
क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

प्रतिलिपि:

1. खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर। (ई मेल द्वारा)
2. श्री अशोक कुमार जॉन, क्वा. नं. – 02, स्ट्रीट नं. – 06, वी.वी. विहार, अनुपम नगर रेलवे क्रासिंग के पास, मोवा, रायपुर – 492001 (छग) ।

क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

Scrutiny comments on examination of Review of Mining Plan including PMCP of Parcheli Tin and Associated Minerals Mine over an area of 7.55 Hect. of M/s Precious Mineral and Smelting Limited in Dantewara District of Chhattisgarh State-

- 1) **General oversight & Cover Page:** (a) Name of the mineral should be written as per the lease deed i.e. Tin and Associated Minerals Mine. (b) Present proposal period should be started from the F.Y. 2020-21 up to F.Y. 2021-22. Hence, necessary correction may be done. (c) Lease period may be written in accordance with the period mentioned in the mining lease deed and the transfer deed i.e. 06/11/2007 to 05/11/2037. Further, period of the mining lease may be corrected in all the relevant places in the document. (d) Name of the mineral/ore may be written as per the mineral/ore name mentioned in the mining lease. Hence, name of the mineral may be corrected in all the relevant places in the document. (e) Since, the financial year 2019-20 is lapsed, hence, the entire proposal given for financial year 2019-20 may be removed from all the relevant places and a term 'Lapse' may be used in the text for better identification.
- 2) Page no. 6; (a) Para 12 to 16: These paragraphs may not be kept blank. Appropriate information may be furnished. (b) Para 17: Since the Environment Clearance of production of 1500 Metric Tonne of ROM has been granted, hence the written 1500 metric tonne of Tin Ore may be corrected as ROM.
- 3) Page no.7; Para 23: Details of the new and valid Bank Guarantee may be written according to the valid plan period.

1.0 Introduction

- 4) Page no. 8: In the introduction part, it has to be mentioned that the mining lease has been transferred from M/s CMDC Limited to the Joint Venture Company i.e. M/s Precious Minerals and Smelting Limited on 16/02/2009 for better identification.

Letter number, place, dated and other relevant information should be written on the referred letters for better clarification. Further, production quantity of ROM of Tin ore may be mentioned.

2.0 General

- 5) Page no. 10: (a) Chapter no. may be corrected. (b) Non operational email id may be removed and working email id of the company may be mentioned in all the relevant places. (b) Name of the Nominated Owner may be mentioned in para 2.1. (c) Updated list of the Directors may be enclosed and the same should be signed by the company secretary.
- 6) Page no 18 , para 5.22- Status of violations were submitted incorrectly as two violations letter have been issued from this office dated 20/4/2017 and 18/4/2018.

4.0 Details of the Approved MP/SOM (if any)

- 7) Page no. 15: Details of the lapse period may be mentioned.

6.0 Geology and Exploration

- 8) Earlier, no appropriate exploration has been done in the lease area and it does not qualify the UNFC norms mentioned in the MEMC Rule, 2015. Further, as per the Regional Geology of the area, the main host rock of the Cassiterite Ore is Pegmatite veins. And to delineate the parent ore body, detailed exploration in close grid interval is required in the area in accordance with the UNFC norms for lenticular type of deposits.

With inappropriate exploration, the geological axis may not be considered under G1. Hence, it may be re-categorised under G2 axis. Further, the entire reserve and resource may be recategorised based on the comments.

The earlier trial pits are insufficient to know the depth wise mineralization and occurrence of ore/mineral. Moreover deep boreholes may be proposed according the grid specified in the MEMC Rule, 2015 for lenticular ore bodies for better identification.

- 9) Para 6.1 to 6.3 name of mineral /ore to be mentioned in heading while furnishing mineral resources
- 10) Page no. 26: Reserve and Resource should be established as on 01/04/2020
- 11) Page no. 27: Future Exploration Programme: Since the deposit belongs to the lenticular type of deposits, hence, borehole interval and grid spacing may be used 25m. Proposed cumulative depth of 90 meters for 9 numbers of boreholes is insufficient, hence, deeper boreholes up to the depth of mineralization or up to the depth of 300 meters, whichever is earlier, may be proposed.
- 12) Area Explored in different axis in ha. may be mentioned.

7.0 Mining

- 13) Page no. 28: **(a)** As per the environment clearance granted for the production of ROM of 1500.00 metric tonne per year, it may be ensured that the ROM production may not exceed from the permitted production quantity of ROM. Further, the present modification of the document has been submitted for extension of the mining lease period according to the MMDR Amendment Act, 2015 and no further modification in the existing environment clearance will be done. Hence, the entire production planning may be modified according to the existing quantity permitted under environment clearance. **(b)** Recovery percentage of the Tin ore from the ROM may be mentioned in all the relevant tables. **(c)** Instead of Mineral Waste a term Waste may be used. All the relevant tables in the document may be corrected accordingly. **(d)** Column of ore/waste ratio may be deleted. **(e)** Instead of Time Passed for the F.Y. 2017-18 to 2019-20, an appropriate term or actual development achieved may be mentioned. **(f)** Since the recovery of the ore/mineral is very less, hence, the entire produced waste material may be utilised for the backfilling after complete exploitation of the mineral, proposal for backfilling may be incorporated. **(g)** Waste dumping area may be proved as non-mineralised through proper exploration.
- 14) Page no. 30; Para 7.3: Instead of Local co-ordinates, UTM co-ordinates may be used in the text as well as in the drawn plates for reference of the proposed working.

10. Stacking of Mineral Reject/Sub-Grade Material and Disposal of Waste

- 15) Since recovery of ore/mining from the ROM is very less and huge quantity of waste will be generated, hence, apart from garland drain more suitable and appropriate protective measures should be proposed to prevent waste dumps.

12.0 Processing of ROM and Mineral reject

- 16) Page no. 39: Process flow sheet of the captive plant for extraction of concentrate metal may be given.
- 17) Financial Assurance: Area degraded due to trail pits may be considered for calculation of Financial Assurance.

14.0 Progressive Mine Closure Plan.

- 18) Since recovery of ore/mining from the ROM is very less and huge quantity of waste will be generated during exploitation and same will be utilised for backfilling in the worked out pits, hence, plantation may be proposed along the 7.5 m barrier/non-mining zone. Plantation of local species may be proposed to prevent the biodiversity of area.

Plates:

- 1) Key Plan: Co-ordinate range of the mining lease area may be drawn.
- 2) Surface Plan: **(a)** Existing dumps have not been shown in the plan. **(b)** UTM co-ordinates may be used for grids.
- 3) Geological Section and Year Wise Development Sections: **(a)** 7.5 m barrier zone has not been marked. **(b)** Incorrect UPL has been marked. **(c)** Incorrect UNFC codification has been shown.
