



भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय कार्यालय, रायपुर

दूसरी मंजिल, जी.एस.आई.फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,
पोस्ट -विधानसभा, रायपुर-(छ.ग),- 492005, फोन 0771-2282530.

संख्या: बलोदाबा/चूप/खयो-1111/2017-रायपुर

दिनांक - 23.08.2017

प्रेषित : श्री नवीश उपाध्याय,
एम आई जी - 83, टाटीबांध
पोस्ट एवं जिला - रायपुर
छत्तीसगढ - 492001

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 - भरुआडीह, तहसील - बलौदा बाजार, जिला - बलौदा बाजार - भाटापारा (छग) में स्थित चूना पत्थर खान, क्षेत्रफल - 3.11 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, पोस्ट एवं जिला रायपुर - 492014 (छग) ।

क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो

Inspection Report cum Scrutiny comments on the Modification of Mining Plan for Bharuadih Limestone Mine over an extent of 3.11 Hectors in Bharuadih Village, Baloda Bazar, Tehsil, Baloda Bazar, District of Shri Navish Upadhyav. Mine was inspected on 18/8/2017 by Shri R.K.Das Sr ACOM

1. Bank guarantee as per area put to use at end of five year needs to be mentioned Page -6,
2. Para 3.10 lease boundary coordinate needs to be furnished for all pillars.
3. Precise area map has not been submitted duly authenticated by state government authorities with DGPS coordinate. During the field visit it was observed that the co-ordinates given in the plan is not matching in the field and boundary pillar erected also not as shown in the plan. The same should be corrected.
4. In the document the rule under MCDR, 1988 should be replaced by MCDR, 2017.
5. **Geological Reserves:** The reserves are not furnished according to proper UNFC codification thereby mentioning cut off grades and threshold values considered for the estimation. For the purpose of ascertaining the UNFC code following procedure may be adopted –
 - (i) Identify the category of your deposit as per UNFC guidelines (out of category I to IV)
 - (ii) Classify status of exploration based upon the parameters furnished under the specified table for Geological Axis i.e. G1, G2, G3, G4 etc. and also mark it on relevant plan & sections.
 - (iii) Now based on the stage of your study identify status of Feasibility Axis as per the relevant table i.e. F1, F2 or F3.
 - (iv) Based on the information contained in Prefeasibility or Feasibility study, furnish the cost benefit analysis for Economic Viability i.e. E1, E2 or E3.
 - (v) Combining EFG axis will give the relevant UNFC code for reserve and resources.
 - (vi) Few vital parameters such as depth consideration, bulk density, recovery and geological axis have not been discussed in Para.
6. The last scheme of mining is approved on 20.08.2015 and in that estimated resources in 111 category 1,68,269 tons and after that no exploration done and reserves under 111 category enhanced to 16,28,638 tons without additional exploration. Total resources enhanced from 252125 tons to 2139067 and grade of reserves/resources also changed. The same should be clarified.
7. The borehole data shows that upto 30 meter limestone is there and may be it is continuing then why future proposal is not given to delineate the ore body upto existing depth. The future proposal should be incorporate.
8. The estimated mineral reserve/resources given as on 01.04.2016, it should be updated and given upto 01.04.2017. The correction to be done accordingly.
9. **Mining:** In the given Para it is said that the existing mining method is by manual means but during mine visit it was observed that the bench height is 3-4 meter above water level as bottom is submerged with water.
10. In given Para it is said that the working faces have been developed in 3 benches (one OB & 2 production bench) which is not correct as during mine visit it was observed the mine is working mostly with single bench therefore proposal should be given to developed the benches scientifically as mentioned with maximum permissible height parameters with manual working..
11. In the given Para it is said that mining operation carried out by manual means therefore discussed the mining and allied activities i.e. excavation, loading, transportation and sizing method done. During inspection it was observed that crusher is installed within ML and material is crushed so the same activity also to be discussed .
12. In Para 7.8 it is said that no proposal of crushing and screening at mine site but crushing activity done within lease area. Factual positions needs to be given.
13. **Use of Mineral:** In the given Para it is mentioned that limestone produce in this mine is supplied to different industries. The name/type of industry with quantity and specification to be mentioned and also enclosed order copy.

14. **Employment Potential:** The manpower requirement suiting to excavation planning by giving the calculation against the proposed excavation. The O.M.S. should be mentioned for the excavation proposal for the given period.

Plates:

15. **Khasra plan:** In khasra plan the signature of authorised person i.e. collector and DGM is not visible. The plate should be enclosed with all information visible. The signature of lessee's surveyor is not required in khasra plan as it is not surveyed by him therefore the same may be deleted.
16. **Surface Plan:** In the surface plan the 7.5 meter safety barrier along BP-1-7 is shown as backfilled but during field visit no such backfilling was observed and pillar position is also not as per plan. The backfilling and proper pillar erection as per plan to be done before final submission and photographs in support should be enclosed. In the plan existing afforestation shown near pillar no. 7 but the same was not there in field. The plate should be revised accordingly. In the given plan outside lease area is shown which is not required and the same may be deleted.
17. **Geological Plan & Section: In geological plan the G1 & G2 area should be marked as per Minerals (Evidence of Mineral Contents) Rules, 2015** and the same should be match with geological section. The ultimate pit limit shows is not correct and it should be from surface level. In the ML area crusher is installed and the same area reserve is blocked but the same is not reflected in plan & section. The correction to be done accordingly.
18. **Development Plan:** The Nala is flowing along the lease boundary outside lease from BP1-7 therefore no proposal should be given within safety barrier zone of 50 meter and the same area reserve should be shown blocked in respective plate(geological & development plan & section). Along lease boundary bund should be proposed to protect water from nala and inundation.
- The backfilling proposal in 7.5 meter safety barrier should be proposed in first year.**
19. **Conceptual Mining Plan:** A proper conceptual plan based on the long term design parameters of the mine covering all the mining and allied activities has not been furnished. All the activities should be furnished with extent of area and quantity involved in the form of 5 yearly blocks up to the lease period.
20. All the plates should be index properly as the features shown in the plan with the same colour code for clarity and signed with date.
21. **Financial Assurance Plan:** In financial assurance Plate calculation is shown for 1.641 ha. Area and rate is mentioned Rs 15000 per hectare is not correct. The correction to be done accordingly.

Annexure

22. Copy of id enclosed of Pan card is not legible, the same may be replaced.
23. The photograph of boundary pillar enclosed not the same as seen during mine visit. The same may be reviewed and do the necessary correction.
24. BG of Rs 5 lakhs may be submitted along with final copies.