



भारत सरकार GOVERNMENT OF INDIA
खान मंत्रालय MINISTRY OF MINES
भारतीय खान ब्यूरो INDIAN BUREAU OF MINES
क्षेत्रीय खान नियंत्रक के कार्यालय
OFFICE OF THE REGIONAL CONTROLLER OF MINES



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BHUBANESWAR-751020

No. MRMP/A/30-ORI/BHU/2021-22

Date: 09.12.2021

To

The Managing Director & Nominated Owner,
M/s Odisha Mining Corporation Ltd
OMC House, Bhubaneswar -751001

Sub: Approval of modification of Review of Mining Plan of Kurmitar Iron Ore Mine along with Progressive Mine Closure Plan (PMCP), over an area of 651.00 ha in Sundargarh district of Odisha State, submitted M/s Odisha Mining Corporation Ltd under Rule 17(3) of MCR, 2016.

Ref: - i) Your letter No. 18080/OMC/PMC/2021 dated 26.11.2021 received on 01.12.2021.
ii) This office letter of even no. dated 01.12.2021.

Sir,

This has reference to the letter cited above on the subject. The draft of modification of Review of Mining Plan along with Progressive Mine Closure Plan (PMCP) has been examined in this office based on earlier site inspection carried out on 27.06.2021 by Shri Ramkishan R, Senior Assistant Controller of Mines. The deficiencies observed are enclosed herewith as Annexure- I.

You are advised to carry out the necessary modifications in the draft modification of Review of Mining Plan in the light of the contents vide Annexure I and submit:-

- (i) Three (3) firm bound copies of text in A4 size printable paper and plate/plan in hard copy. The consents and certificates by the Lease holders/Qualified Person and copy of bank Guarantee shall be attached in hard copy of document.
- (ii) Two (2) soft copies of the document in USB Pendrive. The soft copies of the document shall be digitally signed by the Qualified Person and Nominated owner. The text of document should be in excel(xls) and word format. The plates/plans are to be submitted in .kml/.kmz/.shp format. A few sections may be submitted in .pdf format as indicated in the CCOM Circular 1/2021. All the annexures shall be submitted in soft copy.
- (iii) Financial assurance under Rule 27 of Mineral Conservation and Development (Amendment) Rules, 2021.

The aforesaid final copies of document will be submitted within **15 (Fifteen)** days from the date of issue of this letter, for further necessary action.

The para-wise clarifications and the manner in which the deficiencies are attended should invariably be given while forwarding the modified copies of the modification of Review of Mining Plan. It may be noted that no extension of time in this regard will be entertained and the modification of Review of Mining Plan will be considered for rejection if not submitted within above due date. It may also be noted that if the deficiencies are not attended completely, the submission would be liable for rejection without further correspondence.

भवदीय,
9/11/2014
(बाबूलाल गुर्जर)
क्षेत्रीय खान नियंत्रक

Copy for kind information and further necessary action Shri Pradip Kumar Sahu, Shri Subrat Kumar Behera, M/s Odisha Mining Corporation Ltd, OMC House, Bhubaneswar -751001.

9/11/2014
(बाबूलाल गुर्जर)
क्षेत्रीय खान नियंत्रक

N.O.O:

Copy for kind information to the Controller of Mines (EZ), Indian Bureau of Mines, CP-13, Sector V, Salt Lake City, Kolkatta- 700 091.

9/11/2014
(बाबूलाल गुर्जर)
क्षेत्रीय खान नियंत्रक

**Scrutiny comments on Modification of Review of Mining Plan including PMCP in respect of Kurmitar
Iron & Mn ore Mine(651 ha) of M/s OMC Ltd**

PART-A

CHAPTER-1: GENERAL INFORMATION

1. On the cover page PMCP submission under MCDR, 2017 should be furnished instead of MCDR, 2021.
2. Under para 1.1.1 the initial grant period (up to which period) should be furnished. Also the information furnished regarding the initial/subsequent grant details of lease should be rechecked and rectified. Initial grant order copy should be enclosed..
3. Under para 1.2 the information furnished under type of land should be as Forest Land and accordingly Nature of land should be furnished.
4. Under para 1.3.1 the period of approved mining plans should be furnished as exact dates viz., DD/MM/YEAR. Also the details of all mining plan/scheme approved by IBM should be furnished. Necessary changes should be made.
5. The final copies of the document should be digitally signed by QPs and Nominated Owner. Under para 1.3.7 the qualification details furnished for sl.no.2 QP should be rechecked.
6. From past record it is observed that mining plan document has been reviewed on 14.01.2020 and thereafter modified on 06.11.2020 and 26.07.2021 within a year period. Now the document has been again submitted for Modification. It shows that document was prepared without taking due consideration and in casual manner. It is advised that same may be prepared with care in future.

CHAPTER-2: GEOLOGY AND EXPLORATION:

7. Dip direction of the orebody furnished under para 2.1.4.8 needs to be reviewed and rectified properly.
8. Borehole data in CSV format (excel sheet) for the details furnished under para 2.2.1.7 and 2.2.2.7 should be submitted in soft copy also.
9. The future exploration proposal furnished under para 2.2.6.5.1 should be modified to the extent that the entire mineralized area should be explored under G1 level by 26.02.2022 in accordance with the manner specified in the Minerals (Evidence of Mineral Content) Rules,2015.

CHAPTER-3: MINERAL PROCESSING

10. The details furnished under para 3.1 should be rechecked and rectified as per the mineralogical report enclosed.
11. All the product sizes after screening have not been furnished under para 3.5.1.

CHAPTER-4: MINING OPERATIONS

12. Under para 4.3.3 regarding the dump workings proposed, the total dump quantity arrived should be rechecked and rectified with proper justification and the same should be reflected in relevant annexure enclosed. Bulk density and recovery factors considered should be furnished under Justification column. Further the details of NABL accreditation of the lab for which chemical analysis of the samples were carried out should be enclosed in Annexure.
13. Under para 4.3.4 the proposed production quantities were more than the present Environment clearance quantity capacity i.e. 6 mil.tonnes per annum. It should be within EC limit available or else lessee should give n undertaking to obtain necessary EC for the proposed quantity before commencing the proposed production.
14. Recovery furnished under para 4.2.2.2 should be in relation to the salable ore Vs total ROM proposed production.
15. The machinery calculation furnished for excavation and handling should be recalculated keeping in view of the Total Excavation quantity from the mine including dump workings.
16. Under para 4.9 regarding the use of mineral different product sizes of the material (physical specification) should be furnished.

CHAPTER-5: SUSTAINABLE MINING:

17. SDF at mine level should be descriptive under para 5.1. Accordingly details should be furnished in detail regarding the work carried out for SDF at mine level.

CHAPTER-6: PROGRESSIVE MINE CLOSURE PLAN

18. The details furnished under para 6.2.1 regarding the spread area (which should be available mine out land during the plan period) is omitted as there is no proposal of backfilling during the plan period.
19. The land use data should be rectified after complying to scrutiny point no. 24. It should be modified wherever applicable in the text, plates and annexures.

CHAPTER-7: FINANCIAL ASSURANCE/PERFORMANCE SECURITY

20. After examining the total FA area at the end of plan period is coming to be 224 ha. so FA should be submitted accordingly. The details regarding the BG amount and information as per the Mineral Conservation and Development (Amendment) Rules, 2021 under para 7.2 should be furnished.

CHAPTER-8: REVIEW OF PREVIOUS PROPOSALS

21. The details of the plan period for which review is carried out should be mentioned in remarks.

PART-B

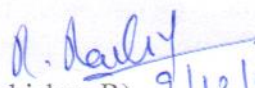
ANNEXURES

22. Copy of bank guarantee should be enclosed.

PART-C

PLANS AND SECTIONS

23. All plans and sections should be prepared on UTM grid. All plans and sections should be prepared on same scale. Northing and easting should be written on grid with proper nomenclature.
24. The thickness of ML boundary in KML files should be appropriate to distinguish with safety zone boundary. Position of roads in DWG file of plans is not matching with field road positions in KML file. It should be rectified with correct survey details. All the attributes of DWG file like, index and text etc., need not to be appended in KML file. The area polygons should be properly demarcated as per the guidelines provided in mining plan format.
25. All the plans & sections should be submitted as hard copies and also soft copy of all plans and sections in DWG and KML/KMZ/SHP should also be submitted which were geo-referenced.
26. With reference to CCOM Circular No 2/2010 and its addendum, the geo-referenced mining leases map superimposed on latest high-resolution satellite data has not been submitted.
27. Surface Plan: All the features have not been shown in the index. Pit Id names should be clearly demarcated on the plan with distinctive boundary. Common boundary with other lessees if any should be shown on the plan. The Surface Plan should be prepared to satisfy the provision as laid down rule 32 (1) (a) of MCDR'2017.
28. Geological Plan & Section: (i) Geo structural information has not been furnished adequately. (ii) Mineralized area and non-mineralized area should be demarcated with clear distinctive boundaries. (iii) The Geological Plan should be prepared to satisfy the provision as laid down rule 32 (1) (b), (c) and (d) of MCDR'2017.
29. Development plan & Section: (i) The proposed and existing bench mRL to be shown clearly over year wise development plan and sections. (ii) Geological information to be furnished on development plan and sections like litho units.


(Ramkishan R) 9/12/21,
Senior Asst. Controller of Mines

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