



भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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Room No.603, 6th Floor,
CGOTowers, Kavadiguda,
Secunderabad.-50008.

Date:19.07.2021.

To
Sri. G.Jayachandra Kumar,
8/131, Main Bazar, Bethamcharla,
Bethamcharla Mandal,
Kurnool District,
Andhra Pradesh-518599.

Sub: Submission of Modified Mining Plan of Muddavaram Iron ore Mine of Sri. G.Jayachandra Kumar over an extent of 23.074 ha. in Muddavaram Village, Bethamcherla Mandal, Kurnool District of Andhra Pradesh submitted under rule 17(3) of MCR 2016.

Ref: Your letter No. nil dated 30.06.2021.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 16.07.2021 by Sri Madhu Sudhan Yadav.M, ACOM accompanied by Shri. Shridhar Bhat, Qualified Person and Shri. Brahmaiah, Mine Representative. The draft Modified Mining Plan has been examined and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., gjk.muddavarm@gmail.com and transitsurveys@gmail.com.

02. You are advised to attend the deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (4Nos.) In this regard, you are also advised to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,

Shilendra
19/7/21

(Shailendra Kumar)
Regional Controller of Mines

Copy to Shri. Shridhar Bhat, Qualified Person for information and necessary action.

Shilendra
19/7/21

(Shailendra Kumar)
Regional Controller of Mines

मूलपत्तिपरनहीं

खाननियंत्रक (द), भारतीय खानब्यूरो, बंगलुरु।

शैलेन्द्र
19/7/21

(शैलेन्द्र कुमार)
क्षेत्रीय खाननियंत्रक

Scrutiny comments on Review of Mining Plan of Muddavaram Iron Ore Mine of Sri. G. Jayachandra Kumar over an area of 23.074 hectares in Muddavaram Village, Bethamcharla Mandal, Kurnool District, Andhra Pradesh.

Introduction

1. The G.O.M's No.07 dated 07.01.2009 issued for lease grant shall be submitted.
2. The introduction chapter shall be re-casted properly mentioning the present status of the mine.
3. Status of implementation of CCOM Circular no. 2/2010 to be submitted.
4. It is observed that, Consent order issued by PCB, A.P has been lapsed on 31.03.2016. Status of the same shall be submitted.
5. Mine is not working since 26.11.2015 as per the temporary discontinuance notice submitted by the lessee. Now the document is submitted as modification of mining plan due to change in the lease period as per Section 8A(3) of MMDR Amendment Act 2015. In this regard clarification is sought in the form of affidavit clearly stating that lessee have not violated any lease deed conditions and also not received any adversary order pertaining to violation of lease deed conditions.
6. All the referred rules of MCDR, 1988 may be modified as per MCDR, 2017.
7. Consent letter/undertaking/certification by the applicant shall be on Company's original letter head duly signed with date.
8. Color photographs should be enclosed in the document for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.
9. During inspection it was found that some of the boundary pillars were not found established in the lease area.

Location and Accessibility

10. The contact details of the lessee shall be submitted.
11. The coordinates between which lease area lies be submitted correctly in the key plan.
12. The boundary pillar coordinates certified by the state government shall only be annexed.

Review of Mining plan

13. Period of the approved mining plan shall be submitted correctly in page no.7.
14. Proposed exploration, development, production and afforestation and its achievement shall be submitted correctly.
15. Proper justification for deviation in the proposed exploration, development, production, afforestation and environmental protective measures shall be submitted.
16. Review of environmental parameter (Air, water, noise) be submitted.
17. Status of compliance of violations pointed out by IBM shall be submitted.
18. Details of suspension/closure/prohibitory order issued by any Government agency under any rule or Court of law shall be submitted correctly.
19. Reason for modification in the approved mining plan be submitted with due justification.

Geology and Exploration

20. It is mentioned that grade of float ore is 45% to 62%, whereas grade details of the float ore is not mentioned in the study report submitted as annexure-XI.
21. Complete study report on the mineralogical, bulk density and recovery factor shall be submitted.
22. The details of the existing mining pits i.e., pit numbers not depicted in the plan submitted.
23. The reef zones and float ore area shown in the geological plan is not matching with the field conditions. The mineralized zone shall be marked correctly on the geological plan along with features indicated under Rule 32 (1) (b) of MCDR 2017.

24. Geological sections may be prepared on same scale of geological plan at suitable intervals across the lease area from boundary to boundary for the entire mineralized area in the mining lease.
25. Phase wise exploration carried out in the lease area should be furnished in tabular form. As well as the details of bore holes drilled incorporating, collar details, survey file for drill hole, assay details, geology details, rock quality details, for easy reference.
26. In page no. 12, it is mentioned that expenditure of Rs.11.95 lakhs was incurred for drilling and analysis, whereas no documentary evidence shown for the expenditure incurred during inspection.
27. Lessee should carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease within a period of 5 years from the date of commencement of MCDR 2017. Exploration proposal and commitment to complete the exploration shall be submitted accordingly.
28. The summary of the blocked up resources as per UNFC code shall be submitted.
29. The Reserves/Resources should be re-estimated based on revised geological cross section, recovery percentage established and bulk density.

Mining

30. Lapse period of mining plan period shall be mentioned in the summary of the tentative excavation.
31. Working bench height shall be mentioned correctly in the mining chapter.
32. The authorised explosive license submitted is expired. Status of the permission of the explosive usage shall be submitted.
33. Quantity and quality of the mineral, sub-grade mineral, mineral reject and waste material in the mining lease area to be submitted.
34. Proposed pits for working, number of benches, maximum working depth shall be submitted.
35. Specifications & details of the machineries like model, imported/exported, max. reach height, width etc., shall be submitted.

Conceptual plan

36. Conceptual plan to be prepared for the entire lease area showing UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and rehabilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of this 5 year period and at the end of the lease period.

Mine Drainage

37. Quantity of water likely to be evacuated from the pit, pumping arrangements and its utilisation proposal to be submitted.
38. Location of the sump proposal with co-ordinates and sump capacity holding the water encountered into the pit shall be submitted.
39. The quantity of rain water to flow through the lease area, arrangements for arresting solid wash off shall be submitted.

Stacking of Mineral Reject/Sub-grade material and waste disposal

40. Indicate briefly nature and quantity of the mineral reject to be disposed off as per the table mentioned in the IBM manual of appraisal 2014.

Others

41. The location of the list of site services be submitted and also to be marked in the plans.
42. In page no. 54, Table-39, break-up of employees shall be submitted correctly showing the statutory employees, skilled, semi-skilled employees etc.,.

Progressive Mine Closure Plan:

43. Environment Baseline information shall be furnished.
44. Monitoring stations in Core / buffer zone should be furnished and proposal for carrying out environmental monitoring shall be submitted
45. Financial assurance plan should be submitted on the basis of updated surface plan and area put to use for mining, allied activities and in view of above comments.

Plans and Sections:

46. Surface plan is not updated and last survey carried out is not mentioned. The surface features, mining pits, mineral stack, mineral rejects and waste dump are not matching with surface plan submitted. Updated plans and sections shall be submitted.
47. All the plans and sections should be submitted as per the provision of rules 31, 32 & 34 of MCDR, 2017 and surface plan signed by the surveyor having Certificate of Competency of Survey from DGMS.
48. As per Rule 34 of MCDR, every plan, section or part thereof under these rules shall carry thereon a certificate for its correctness and shall be signed by the Mining engineer with date. Provided that the geological plans and sections shall be certified and signed by the geologist employed under rule 55.
49. Conceptual plan shall be re-submitted showing conceptual size of the pit, afforestation, land use pattern at the end of this 5 year period and at the end of lease period.
50. Year wise proposals shall be submitted in .kml or.shp files in the form of soft copies.
51. The land use data to be submitted in digital form (Geospatial data). The land use patterns, feature type and file type required are broadly classified and given below:

Sl. No.	Land use information	Format	Remarks
1.	Mining Lease Boundary	.shp or .kml file	Feature type polygon
2.	Pit area	.shp or .kml file	Feature type polygon
3.	Dump area	.shp or .kml file	Feature type polygon
4.	Stack yard	.shp or .kml file	Feature type polygon
5.	Tailing dam (if applicable)	.shp or .kml file	Feature type polygon
6.	Reclaimed and Rehabilitated land	.shp or .kml file	Feature type polygon
7.	Afforestation area	.shp or .kml file	Feature type polygon
8.	Others – Road, railway, Infrastructure, processing plant etc	.shp or .kml file	Feature type polygon
9.	Boundary pillar co-ordinates in serial order (Latitude and Longitude in Deg Min Sec)	Excel	In WGS-84 datum

The Shape file should contain the Land use information as attribute data.