



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



Phone No. : (040)-27539992/2753993

Room No.603, CGO Towers,

6th Floor, Kavadiguda,
Secunderabad-500 080.

Fax No.(TF): (040)-27539991

E-Mail : ro.hyderabad@ibm.gov.in

F. No. AP/KNL/MP/LST-113/HYD

Date: 20.04.2021.

To

Sri N.Siva Rami Reddy, Mine owner,

H.No.4-70,

Kolimigundla (Post & Mandal),

Kurnool District,

Andhra Pradesh State.

Sub: Submission of Review of Mining Plan in respect of Ramapuram Limestone Mine of Sri N.Siva Rami Reddy over an extent of 12.145 ha. in Ramapuram Village, Owk Mandal, Kurnool District of AP State submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. Nil dated 01.04.2021.
Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 12.04.2021 by Smt.Ch.Suseela, AMG accompanied by Shri N.Siva Rami Reddy, Lessee and Shri V.T.Chander, Qualified Person. The draft Review of 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., nvrminerals9@gmail.com, ccgeoengg@yahoo.com and ccgeoengg@gmail.com

02. You are advised to attend these 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 directed 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,

Shumar
20/4/21

(Shailendra Kumar)

Regional Controller of Mines

Copy to:

Shri V.T.Chander, Qualified Person - for information & necessary action.

Shumar
20/4/21

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

शैलेन्द्र
20/4/21

(शैलेन्द्र कुमार)

क्षेत्रीय खान नियंत्रक

SCRUTINY COMMENTS ON REVIEW OF MINING PLAN OF RAMAPUPURAM LIMETSONE MINE OF SHRI N. SIVA RAMI REDDY OVER AN EXTENT OF 12.145 HA IN RAMAPURAM VILLAGE , OWK MANDAL, KURNOOL DISRICT OF ANDHRAPRADESH

1. In cover page Review of Mining Plan is to be mentioned instead of Review of Mining. The category of mine shall be submitted as Category 'A' instead of "Other than Full mechanised 'A' Category mine".
2. As per rule 13(2) of MCR, 2016 progressive mine closure plan is a part of Mining Plan. Therefore, it is not required to be mentioned on cover page. Mine code, Regn. No, lease period also to be mentioned on cover page. Lease period and its validity needs to be submitted correctly as per section 8A(3) of MMDR Ammendment Act, 2015.
3. In introduction, it is mentioned that Progressive Mine Closure Plan under Rule 23(B)(2) of MCDR,1988 instead of 23 of MCDR,2017. Please correct it wherever it is mentioned in the text.

General

4. In Para 1.0, Registration number is to be mentioned.
5. para 2.0 (b) Toposheet No.with Lat & Long of all boundary Pillars are to be furnished.

Review

6. Review of last approved proposals in respect of exploration, production, Afforestation, Reclamation and Rehabilitation etc. needs to be furnished with reason for deviation, if any with proper justification
7. In para 3.3, the total production achieved is to be furnished for the year 2020-21 as the year has already been completed. In the Review of proposals of afforestation, the survival rate is furnished as 0. However, during the inspection, it was observed that there is some plantation in the 7.5 m safety barrier zone. please correct it.
8. In page No.14, table no.3, the area covered by the pit is wrongly mentioned. In table -5 the coordinates of the boreholes drilled are not in consonance with that of Form-K. Please reconcile. The details of Lithologs in Form -K has to be submitted in respect of 8 DTH boreholes in the prescribed format.
9. In Para 3.4, status of compliance of violations pointed out by IBM during the last five year plan period shall be submitted in tabular form.

Geology:

10. In page.21, year wise details of the boreholes like type of Bore Hole, diameter, spacing, inclination, collar level, depth etc. to be furnished in tabular form.
11. In page 23, under future programme of exploration, no exploration is proposed as the entire mineralized area is explored under G1 scale of exploration. However, in page no.21, it is mentioned that the balance of unexplored area is yet to be prospected, which is contrary and needs clarification.
12. Three waste dumps were shown in west and south west of the lease area, which were not shown in the earlier approved document. As total ROM is being saleable, there should not be any waste. The area covered under waste dumps was not proven for mineralization. Hence, the proposal may be made for exploration in that area.
13. In page 23, it is stated that the reserves were re-assessed base on 23 core bore holes drilled but in page 21, it is stated that 13 core bore holes and 12 DTH were drilled. This needs to be clarified.

14. In page 26, in para Mining, it is stated that the ore is excavated mostly with excavator without drilling and blasting which is incorrect as the drilling and blasting are being adopted in the mine. Please correct it.
15. In page 29, under other factors, it is mentioned that the lands in mining lease belongs to mining company, which is incorrect as the total mining lease area is Govt. waste land. Please correct it.
16. In page 31, under reserves in UNFC code, the category of reserves is stated as possible for UNFC Code 333, which is incorrect. It should be categorized under Resources. The blocked up resources under UNFC Code 221 are named as proved which is incorrect and these are to be categorized as Pre Feasibility Mineral Resources. The Resources blocked under 7.5m buffer zone needs to be assessed and based on that the Resources may be re assessed.

Mining

17. Proposed method of mining and design parameters along with pit layout shall be submitted.
18. Mining has been done without proper benching and steep high wall has been formed. Proposal should be submitted for systematic and scientific mining operation clearly depicting the year wise bench formation and its movement.
19. In para 2.0 (a)(i), it is stated that drilling will be carried out with Spacing and Burden of 3m x 2.5m x 6.1m whereas in page 34, it is furnished as the Spacing 2m, Burden 2.5m and depth 3m, which is incorrect. Drilling parameters should be proposed based on drilling dia and bench geometry. Accordingly, the calculation for adequacy of machinery is to be revised.
20. It is noticed that the proposed yearly production exceeded the approved EC quantity. It needs to be restricted to the EC quantity.
21. It is only mentioned that the blasting will be done twice a week. However, nothing was spelt out about the contract with whom it is to be carried out and the agreement made in this regard.
22. Specifications & details of the machineries like model, imported/exported, digging height etc. shall be submitted.
23. In page 38, in para d) it is stated that no blasting will be required to extract Limestone as the strata is soft . It is also stated that 115 mm drill rods will be deployed for drilling and blasting for loosening the Limestone, which is contrary. Please give the correct information .
24. In page 39, the development and production is proposed from South and advances towards North. During the inspection, it was observed that the pit was almost reached 7.5m barrier zone. Hence the proposal may be given by advancing the pit towards west and South west as discussed in the field.
25. Co-ordinates and other details of the existing pit shall be submitted correctly.

Conceptual Mine Planning :

26. In page 42, under mine development, it is stated that the mining is proposed to be carried out from 2016-17 to 2020-21 instead of 2021-22 to 2025-26.
27. In page 43, under optimum exploitation and utilization of mineral, it is stated that steel & sponge industries require Cao content of 41 to 47 %, which is incorrect and needs to be corrected.
28. Under Management of Sub Grade mineral and waste, it is stated that there is a possibility of generation subgrade and waste and the same will be stacked/dumped separately which is incorrect as 100 percent recovery is furnished in table 11. Please clarify the same.

29. In table 13, the details of the land use pattern should be revised as per the area proposed for development and production. In table 15, the proposed mining activity to be given up to the lease period.

30. In page 46, it is stated that the stabilized dumps will be afforested with suitable species, which is incorrect as no waste is anticipated during the ensuing period and in conceptual period.

Progressive Mine Closure plan

31. In page 53, under vibration levels, it is stated that there will not be any vibration due to blasting as blasting is not permitted in this area, which is incorrect as drilling and blasting is being adopted in the mine. Blast vibration study may be proposed for maintaining the safe charge/delay to protect the damage the structures/buildings.

32. The details of the Reclamation and Rehabilitation proposals of mined out land are to be revised as per the proposed area for development and production.

33. The quarterly monitoring of environmental parameters like air, water, noise etc. in core and buffer zone has to be carried out and the reports are to be submitted to IBM.

34. In para 8.4, under disaster management, please submit the Disaster Management Plan.

35. In table 20, the details of the area considered for computation of Financial Assurance are to be revised in light of the above comments.

36. The requisite financial assurance for the area put to use for mining and allied activities needs to be re assessed as per the comments given in point No.25

Annexures

37. In Annexure VA, Copy of approval letter dated 20.10.2016 in respect of Review of Mining Plan is to be submitted.

38. In Annexure XI, Form -K in respect of 8 DTH boreholes needs to be submitted.

39. In Annexure XVII, Monthly Returns up to March, 2021 are to be enclosed. The Monthly Returns pertaining to Venkateswara Mn Mine of M/s Venkateswara Minerals have been submitted for the month of September and October, 2020, needs to be changed.

40. In Annexure XVIII, copies of all violation letters issued by IBM and its compliance during the last five year period needs to be submitted.

Plates

1. In Lease Sketch, GPS reading of all the boundary pillars duly connected to three permanent ground control points duly authenticated by the State Government should be furnished.

2. In Surface Plan, three waste dumps are shown in west and south western side, which were not shown in the earlier approved. Please clarify.

3. It is found that there is lot of change in the surface plan from that of submitted earlier. As the DGPS survey is under process, you are advised to submit the revised lease sketch authenticated by ADMG after completion of the same. Bund is also found trespassed out of Mining lease in North and North Eastern side which needs to be trimmed.

4. In Geological Plan, outcrops of Limestone exposed on surface should be shown. The 4 DTH borehole drilled during the year 2017-18 are not marked. Dip and strike of the liho units should be marked.

5. In Geological sections, the blocked up resources in 7.5 m safety zone are to be marked. The lithology of boreholes mentioned in Form-K is not matching with that of sections. UNFC codes needs to be marked. All the features marked on the sections are to be indexed.

6. In Mine layout Plan, the proposed development of quarry needs to be changed as discussed during the inspection. The position of quarry faces during the proposed period of mining with Reduced level of proposed benches should be shown. Accordingly working sections needs to be modified.
7. In Conceptual Plan, five yearly financial year-wise, block-wise proposal including mining & allied activities and environmental mitigation measures should be shown up to the lease period. Reclamation and rehabilitation measures for entire degraded land should be shown up to end of lease period. Reduced level of all proposed features during the conceptual stage should be shown.
8. In Conceptual sections, reclamation and rehabilitation measures should be shown.
9. In Reclamation Plan, the year-wise proposed development of quarry should be shown. The year wise proposed plantation is indexed but not marked on the plan. Reduced level of all proposed features should be shown. The year wise protection measures to be carried out needs to be indicated. Environmental monitoring stations in Core / buffer zone should be furnished and proposal for carrying out environmental monitoring needs to be submitted. Proposal may be made accordingly.
10. In Financial Assurance Plan, Financial Assurance table is to be pasted.
11. In Environment plan, no proposed features should be shown except baseline information. Wind direction to be marked.
12. 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.
13. KML file or shape file in respect of Pit, Dump, Road, Lease boundary, afforestation are to be submitted.