

GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
Office of the Regional Controller of Mines

No. AP/ANP/MS/LSt-17/Hyd

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

To  
Sri P. Sreenivasulu,  
Mine Owner,  
Rayalacheruvu (P O),  
Yadiki Mandal,  
Anantapur Dist.

Date :

Sub: Draft Modified Mining Plan in respect of Peddaekkaluru Limestone Mine of Sri P. Sreenivasulu over an extent of 7.208 hectare in Peddaekkaluru village & Mandal, Anantapur District,A.P., submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter No. Nil dated 4.9.2020

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 10.10.2020 by Shri S.K.Muduli, JMG accompanied with Shri. P. Srinivasulu, Lessee and Shri. G.Harendra, QP. The draft Modified Mining Plan has since been examined and found to have certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail id of your and Qualified Person as given in the document [gharendra@gmail.com](mailto:gharendra@gmail.com) & [pasyavulamanojkumar@gmail.com](mailto:pasyavulamanojkumar@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 (2Nos.). 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 and @ Rs.Two Lakhs/hectare for category 'B'mines provided that the minimum amount shall be Rs.Five 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,

Encl:a/a

(Shailendra Kumar)  
Regional Controller of Mines

Copy to Shri. G. Harendra, Qualified person for information & necessary action.

(Shailendra Kumar)  
Regional Controller of Mines

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Scrutiny comments on Modification in the approved Mining Plan in respect of Peddaekkaluru Limestone Mine of Shri P Sreenivasulu over an extent of 7.208 Ha. located in Peddaekkaluru Village & Mandal, Anantapur District. of Andhra Pradesh State submitted under Rule 17(3) of MCR, 2016.

Cover Page

- 1) Lease Period and Expiry date needs to be submitted.
- 2) Category of the mines should be submitted as A Category –Fully Mechanised.
- 3) Mention Plan Period as 2019-20 to 2023-24 and instead of Balance Plan mention Proposal Period as 2020-21 to 2023-24.

Introduction

- 4) Status of statutory clearance like EC, CFO, CFE, should be furnished in Introduction chapter along with documentary evidence, if any.

General

- 5) The lessee name in Lease deed & the address proof, identity proof submitted in respect of the lease are not matching. An affidavit in this regard should be submitted.
- 6) Affidavit should be submitted with reference that the lessee has not received any lapsing order, lease termination order, showcase for violating lease deed condition under section 4A of MMDR Amendment Act, 2015.
- 7) State wise lease held by lessee should be submitted correctly.
- 8) Address of the lessee for communication/correspondence needs to be submitted instead of the mine.
- 9) In the Mining chapter proposal has been submitted to mine Limestone, Dolomite, Serpentine and White Shale but in General chapter, it has been submitted to mine Limestone & Dolomite, which needs to be corrected as per the Mining Chapter.

Location and Accessibility

- 10) Toposheet no. as mentioned in the text & key plan are different from each other. So the correct one should be mentioned. Further, the revised toposheet no. need to be submitted.

Details of approved Mining Plan / Scheme of Mining

- 11) Reason for modification needs to be substantiated by proper documentary evidence and to be properly justified for production enhancement.
- 12) Details of earlier approved Mining Plan & Scheme of Mining, Rule position under which the document was approved needs to be submitted. Proposal period also needs to be mentioned alongwith plan period in the table.
- 13) Authenticated Production figures, Annual return and Monthly returns dully authenticated by the State Govt in respect of all the granted minerals needs to be obtained from the State Government from 2013-14 onwards.
- 14) Review to be submitted from 2013-14 onwards for exploration, excavations, production of different minerals granted, reclamation, waste generation. Review needs to be submitted for Serpentine & Steatite mineral also. Production, development, afforestation and exploration review submitted are not correct. Review of development to be submitted separately. Justification for deviation needs to be submitted.
- 15) Hard copies of the Annual returns and FY wise gist of Production, Stock, Despatch register need to be submitted dully signed by the lessee.

- 16) Status of compliance of pending violation has not been submitted correctly. Pending violations needs to be replied annexing proper documents.

### Geology and Exploration

- 17) Exploration needs to be proposed by core drilling to explore the entire potentially mineralised area under the mining lease in G1 level. Further the proposed depth of exploration should cross cut the dolerite sill.
- 18) Cut off grade of each mineral needs to be submitted as per the buyer's requirement.
- 19) Recovery study needs to be carried out for all the granted minerals by engaging any Govt agency or NABL approved Laboratory and reports thereof needs to be submitted.
- 20) Recovery of mineral also needs to be established on the basis of earlier mining history from commencement supported by year wise production of all the different types of minerals & waste generation and dully signed by the lessee.
- 21) Original recovery study report in respect of limestone be produced in the office for verification.
- 22) The Feasibility report should be prepared as per the UNFC Guideline parameters for Stratiform, Strata bound and Tabular Deposits of Regular Habit (Category-I).The UNFC axis wise justification needs to be submitted as a part of Geology.
- 23) 50 m safety barrier zone from road needs to be demarcated in the Surface and Geological plan and depicted in the geological cross section.
- 24) The exploration level wise explored area needs to be demarcated correctly in the geological plan and accordingly the cross section should be prepared. In the geological cross section, all the drilled DTH boreholes needs to be demarcated and the ore body needs to be projected accordingly.
- 25) DTH Bore hole lithologs with analysis needs to be submitted. To cover the short fall in exploration wall sample needs to be collected meter wise at suitable interval for the entire vertical section form Pit-1 and analysed.
- 26) 10% of the check sample should be analysed by NABL laboratory.
- 27) In the Geological axis justification for G2 level of exploration should be properly justified for accepting the extrapolation of 25% beyond existing mining pits without any exploration.
- 28) Geological section should corroborate the Geological Plan. Reserves/Resources should be estimated as per UNFC Guidelines and also as per MEMC Rules 2015.

### Mining

- 29) As there is no proper exploration, production can be reduced and mining proposal to be submitted on the balance reserves.
- 30) Existing method for excavations with design parameters like bench height, width & blasting parameters need to be submitted. Details of crushing & screen in plant need to be submitted. Details of dimension, location co-ordinates of all the 5 nos. existing pits need to be mentioned.
- 31) During inspection it has been observed that ROM dump has been shown as waste dump in the draft submission. Hence the waste dump be shown as ROM dump. Dump No needs to be demarcated in the plan.
- 32) Tentative excavation table needs to be submitted as per the appraisal of mining plan format.
- 33) It has been proposed to have 6m bench height by jack hammer drilling in two stages needs to be justified properly.

- 34) In the details of mining machinery calculations for loading, haulage and transport for the net handling quantity/annum considered different in both the cases.
- 35) Conceptual mining proposal to be submitted based on exploration already completed & reserves/resources estimated. Anticipated life of the mine needs to be submitted for each mineral and the maximum one should be considered as the life of the mine.
- 36) Back filling proposal needs to be submitted in Chapter 4.(Stacking of Mineral Reject /Sub Grade material and disposal of waste).

#### **Mine Drainage**

- 37) Source of information in respect of minimum and maximum depth of water table needs to be submitted with documentary evidence.
- 38) Minimum depth of working during the plan period needs to be submitted.
- 39) During inspection the major Pit on public road side (Pit-1) was filled with water, so the quantity of rain water likely to be accumulated, pumping arrangements and disposal place needs to be furnished in text.

#### **Stacking of Mineral Reject /Sub Grade material and disposal of waste**

- 40) Mineral exhaustion needs to be proved by exploration.
- 41) As the proposed backfilling area is not proved by exploration for exhaustion of mineral, the backfilling need not be proposed. Temporary waste dumping to be proposed.
- 42) Entire Intercalated waste to be generated is proposed to be utilized for backfilling but as it has been proposed to utilize waste for strengthening the road, the quantity & source of the same to be submitted.

#### **Use of Mineral and Mineral Reject**

- 43) As the lessee proposed to mine only limestone, dolomite, serpentine and white shale proposal to be submitted for storing/stacking the other granted mineral (steatite) generated during mining.
- 44) Brief description of the requirement of end use industry specifically in terms of physical and chemical composition needs to be submitted for all the minerals which have been proposed to mine.

#### **Processing of ROM and Mineral Reject**

- 45) Existing Crushing and Screening Plant flow sheet needs to be furnished in text.

#### **Annexures**

- 46) Legible copy of address proof of the lessee needs to be submitted.
- 47) Copy of GO in respect of renewal needs to be submitted.
- 48) Notice of sinking of boreholes in Form-I & Borehole lithologs and copy of NABL analysis reports towards 10% of the check sample should be submitted. Lab analysis reports needs to be submitted for meter wise DTH bore hole sample.

#### **Plans and Sections**

- 49) The kml or shp files in respect of land use under different heads, proposals and mining lease boundary needs to be submitted within 5 days from the date of issue of scrutiny points through email.
- 50) In the year wise development plan the approach road to each bench needs to be demarcated.
- 51) In the environment plan the mining pit in western side of the ML needs to be demarcated.
- 52) Few Conceptual longitudinal and transverse sections needs to be prepared for all the blocks and submitted separately.

53) All the plans and sections should be prepared and submitted as per the provision of rules 31, 32, 33 & 34 of MCDR, 2017 and signed by the surveyor having Certificate of Competency of Survey from DGMS.

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