



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

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Date: 18.06.2020

F. No. AP/KNL/MP/LST-189/HYD

To

Sri L.Srinivasulu,
Kocheruvu Village,
Dhone Mandal,
Kurnool District- 518 222,
Andhra Pradesh.

Sub: Submission of Review of Mining Plan in respect of Kocheruvu Limestone Mine of Sri L.Srinivasulu over an extent of 6.621 ha. in Sy.Nos. 571/F2-1 of Kocheruvu Village of Dhone Mandal, Kurnool District of AP State submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no. Nil dated 27.7. 2020.

Sir,

With reference to your letter cited above on the subject, the draft Review of Mining Plan has been examined by Sri S.K.Muduli, JMG. Due to covid-19 lockdown inspection could not be carried out and the table scrutiny comments were prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., srinukocheruvu @gmail.com and podurirao@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 (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 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,

Sharma
14/8/2020

(Shailendra Kumar)

Regional Controller of Mines

Copy to:

Shri P.V.Narayana Rao, Villa 577, Pranav Antilia, Bachupalli, Hyderabad-500 090, Telangana State for information & necessary action.

Sharma
14/8/2020

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

शैलेन्द्र
14/8/2020
(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

[Faint, mirrored text from the reverse side of the page, including phrases like 'The undersigned is Director of Mining Plan in respect of Karnataka State and...']

Sharma
14/8/2020

Sharma
14/8/2020

Scrutiny comments on the Review of Mining Plan submitted by Sri L.Sreenivasulu in respect of Kocheruvu Limestone Mine over an extent of 6.621 hectare in Kocheruvu village, Dhone Mandal, Kurnool Dist., Andhra Pradesh.

General

- 1) The Review of Mining Plan needs to be prepared as per the format of IBM Manual on appraisal of Mining Plan-2014.
- 2) Rule position under which the Review of Mining Plan has been submitted needs to be mentioned correctly in the cover page.
- 3) Rules name and year needs to be submitted correctly in the qualified person certificate.
- 4) The introduction is not required to be submitted as it is not as per the format.
- 5) A unit of BP co-ordinates needs to be mentioned at Chapter 2. Location and Accessibility.
- 6) Annexure numbering is to be done correctly.
- 7) Revised topo sheet no needs to be submitted.
- 8) Details of last modification like letter no and date of approval with reasons need to be submitted.

Details of approved Modified Mining Plan (if any)

- 9) The document has been submitted as Review of Mining Plan; hence the reason and justification for modification is not relevant.
- 10) The submission needs to be mentioned correctly in respect of details of any suspension /closure/ prohibitory order issued by any Government agency under any rule or Court of law.
- 11) Details of Environmental Clearances need to be deleted from review of earlier approved proposal (if any) in respect of exploration, excavation, reclamation etc.
- 12) In the review of earlier approved proposal (if any) in respect of exploration, excavation, reclamation etc
 - a) The authenticated year wise despatch figure of Dolomite has been submitted as Annexure-9. As the annual returns pertaining to Dolomite Mineral are submitted with State DMG, the year wise production figure of Dolomite dully authenticated by the State needs to be submitted.
 - b) As per the submission in the draft Review of Mining Plan, Waste has been generated during mining of Limestone and Dolomite; hence details of disposal of waste along with Co-ordinates, Dimension, Volume needs to be submitted at Part-A, Chapter -4 and needs to be demarcated in the Surface plan.
 - c) Year wise Plantation carried out needs to be submitted correctly.
- 13) Status of compliance of violations needs to be submitted correctly.

Geology and Exploration

- 14) Under Part-A,
 - (i) At 1(e) (i) the details of trial pit whose exploration depths are not mined out by mining and lab analysis reports are available, needs to be submitted and demarcated in the Geological plan and Sections.
 - (ii) At 1(e) (iii) While going through the Bore hole lithologs no of Dolomite Samples have not been analysed, hence all the Dolomite sample needs to be analysed and report thereof should be submitted for considering the same while estimating reserves/resources. BHs nos as submitted in the Metchem Lab reports are not matching with that of submitted in the Lithologs, Geological Plan and text. Also depth of sample has not been mentioned in the Metchem Lab Reports, hence proper linking needs to be done for bore hole no and depth of samples. A table for total no of samples collected, samples analysed by non NABL accreditation

- Laboratory and nos of samples analysed by NABL accredited laboratory for the recent exploration needs to be submitted.
- (iii) At 1(e) (iv) the Expenditure incurred in various prospecting operations needs to be mentioned.
- 15) Under Part-A,1(f),(g),(h)
- (i) The Plans and sections have not been printed as per the scale. Hence all the Plans and section needs to be printed correctly as per the scale required.
 - (ii) The Strike and Dip of Dolomite beds need to be demarcated in Geological Plan.
 - (iii) Proper indexing needs to be done in the Geological Plan.
 - (iv) The depth of litho units needs to be projected correctly in the Geological cross sections. Only the existing depth of old trial pits which were approved earlier in the documents need to be demarcated in the Geological plan and Geological cross section and trial pits which are already mined should not be shown in the plan and sections.
 - (v) The pit wall sample location needs to be demarcated in the Geological Plan and its location should be projected in the sections correctly as per the submission in text.
 - (vi) The Limestone and Dolomite bearing zone as projected in the Geological Cross Section is not corroborating with that of the Geological Plan.
 - (vii) The bench profile considered for calculating UPL needs to be drawn correctly.
- 31) Under 1(i) Exploration to be proposed for the entire mineralised area in G1 level upto and the proposed exploratory inputs needs to be demarcated in the Geological Plan and Geological Cross Section.
- 32) Under 1(j)
- a) Under parameters considered for reserves/resources estimation
 - (i) The cut off grade of Dolomite needs to be submitted.
 - (ii) As the pulveriser is not within the lease, 5% loss can not be accepted. Hence proper justification for 95% recovery needs to be submitted.
 - (iii) Criteria for blocked Mineral resources need to be submitted.
 - b) Area explored under different level of exploration needs to be mentioned in text with details like Level of exploration, extent, resources estimated.
 - c) UNFC justification needs to be submitted for each axis.
 - d) Feasibility axis justification needs to be submitted clearly as per the parameters provided for the type-I deposit in the UNFC guidelines for both Limestone and Dolomite.
 - e) Feasibility report needs to be submitted as per the parameters of UNFC guidelines.
 - f) In the Economic axis justification details of specific end use grades need to be submitted for Limestone and Dolomite separately with grade. In the Mining Plan sub head the submission wrt draft submission of Modified Mining Plan needs to be deleted.
 - g) In the Geological axis justification under technological sub head the depth of exploratory trial pits whose depth has been mined out should not be considered. Justification submitted for G2 level exploration needs to be justified properly.
- 33) Under 1(k) in the detailed calculation of reserves/resources, the width considered for sectional influence needs to be justified.
- 34) Under 1(l) the unit of Mineral Reserves/Resources needs to be submitted correctly.

Mining

- 35) At some parts of the mine, bench height is more than the proposed 3m height. Proposal needs to be submitted for its redressal to achieve 3m height.
- 36) Existence of Limestone and Dolomite mineralization is not evidenced through exploration in the area proposed for mining in the Eastern side of Pit-2 and Pit-3. Hence

Mining should be proposed in the ML area which is explored by atleast G2 level of exploration.

- 37) Bench height depicted in the year wise development sections are more than 3m of proposal needs to be corrected.
- 38) Insitu tentative excavation table needs to be submitted separately for Limestone and Dolomite mineral as per the IBM Manual on appraisal of Mining Plan-2014.
- 39) Limestone Sub Grade dump rehandling needs to be proposed year wise as per the Format. Recovery test report needs to be submitted for recovery from Sub grade dump rehandling. Stock report along with plans and sections needs to be submitted for Volume of Sub Grade material dumped.
- 40) Proposal to be submitted for maintaining records of sub grade generation, utilization and rehandling register.
- 41) Permission u/r 106(2)(b) of MMR-1961 for deep hole drilling, blasting and HEMM needs to be annexed.
- 42) The layout of mine workings, pit road layout, the layout of faces and sites for disposal of overburden/waste along with ground preparation prior to disposal of waste, reject etc needs to be submitted year wise.
- 43) Conceptual Mine planning upto the end of lease period and 5 year block wise needs to be submitted taking into consideration the present available reserves and resources describing the excavation, recovery of ROM, Disposal of waste, backfilling of voids, reclamation and rehabilitation, afforestation and exploration and needs to be shown on the conceptual plan and sections.

Stacking of Mineral Reject /Sub Grade Material and Disposal of Waste

- 44) There is no waste dump instead it is a Sub Grade dump as informed by the Lessee during inspection. The existing Sub Grade Limestone e.g Co-ordinates, Dimension, Volume and average grade needs to be submitted.
- 45) Incongruent submission regarding volume of waste to be back filled and also year of back filling in the Mining Chapter and Stacking of Mineral Reject /Sub Grade Material and Disposal of Waste needs to be avoided. The source of 3660 m³ waste which is required for backfilling purpose needs to be submitted. Further details of back filling like volume of the void to be filled, Range of mRL to be filled, co-ordinates needs to be submitted.

Use of Mineral and Mineral reject

- 46) Requirement of end-use industry specifically in terms of Physical and chemical compositions needs to be submitted for Mineral and Mineral reject of Dolomite also.

Others

- 47) As it is a Category-A Mines, Permanent Mining Engineer and Geologist needs to be employed and detailed in this chapter.

Progressive Mine Closure Plan

- 48) Area "Put to use" and "Proposed to put to use" needs to be calculated and BG amount should be submitted as per PMCP plan prepared. The Table indicating the break-up of areas in the Mining Lease for calculation of Financial Assurance should be submitted as per the format.
- 49) Environmental monitoring of core and buffer zone needs to be proposed.
- 50) Environmental Plan needs to be submitted correctly dully demarcating all the existing features and as per the required scale.

Plans and Sections

- 51) 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.
- 52) Certificate of correctness need to be submitted in all the plans and sections.
- 53) Contours should not be changed wrt the last approved Modified Mining Plan.
- 54) Except the area under mining pit, dump the topographic level of other places within the mining lease should not be changed from that of the earlier approved mining plan.
- 55) Geological Plan name needs to be submitted correctly.
- 56) The Key Plan and Environmental Plan needs to be prepared as per rule 32(5)(a) and 32(5)(b) of MCDR-2017 respectively.
- 57) Proper indexing needs to be done in each plan.
- 58) In the Financial assurance plan coding should be done head wise and properly demarcated in the plan for proper understanding.
- 59) All the plans and sections needs to be printed in correct scale as the scale mentioned is not matching when measured in the plans and sections.
