



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,
CGO Towers, Kavadiguda,
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Date: 14.09.2020.

To

Sri P.R.Venketrama Raja, Nominated Owner,
M/s The Ramco Cement Ltd,
98-A, Dr.Radhakrishnan Salai,
Mylapore,
Chennai-6000 04,
Tamilnadu State.

Sub: Submission of Modified Mining Plan in respect of Kanakadripalli Limestone mine of M/s The Ramco Cements Ltd over an extent of 435.24 ha. in Petnikota & Itikyala villages of Kolimigundla Mandal, Kurnool District of AP State submitted under Rule 17(3) of MCR, 2016.

Ref: 1.Your letter no. RCL/MMP/KP/IBM/2020-21/001dt.10.08.2020 and received by this office on 19.08.2020.

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 pandemic situation the inspection couldn't be carried out and the table scrutiny comments was prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e. ms@ramcocements.co.in and info@bsenvitech.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 (3Nos.). 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,

Shilendra Kumar
14/9/2020

(Shailendra Kumar)

Regional Controller of Mines

Copy to Shri E.V.Naresh Kumar, Qualified person for information & necessary action.

Shilendra Kumar
14/9/2020

(Shailendra Kumar)

Regional Controller of Mines

मूल पति पर नही

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

Shilendra Kumar
14/9/2020
(शैलेंद्र कुमार)
क्षेत्रीय खान नियंत्रक

Scrutiny comments in respect of Modification of Mining Plan of Kanakadripalli Limestone Mine of M/s The Ramco Cements Limited over an extent of 435.24 Ha in Pettnikota and Itikyala Villages, Kolimigundla Mandal, Kurnool District, Andhra Pradesh submitted under Rule 17(3) of MCR, 2016.

General

- 1) The Modification of Mining Plan needs to be prepared as per the format of IBM Manual on appraisal of Mining Plan-2014.
- 2) As per rule Progressive Mine Closure Plan is part of Mining Plan Rule position under which the Modification of Mining plan document has been submitted should be furnished only.
- 3) Lease period and expiry date of the Mining Lease needs to be submitted in the cover page.
- 4) The heading of consent letter should be submitted as "Consent Letter/Undertaking/Certificate from the Lessee".
- 5) Affidavit duly signed by the Nominated Owner with regard to "Not received any order from the State DMG for lapsing of the Mining Lease under section 4A of MMDR Act-1957" need to be submitted.
- 6) The three nos GCP points location co-ordinates needs to be mentioned in the text.
- 7) Mine code should be submitted and Mine registration No should be mentioned instead of company registration no.
- 8) In the List of Board of Directors, the Post held and the DIN No allotted to each should be submitted.
- 9) At 1(a) the nominated owner address should be submitted.
- 10) Period, date of execution and expiry of the mining lease needs to be submitted correctly at para 1(e) of General Chapter.
- 11) In 2(b) (Details of lease area with location map)- Latitude & Longitude of all the corner boundary point/pillar should be submitted.
- 12) Land scheduled submitted in the copy of lease deed is not legible pls submit a legible copy.

Details of approved mining plan / scheme of mining (if any)

- 13) Under 3.3 (review of earlier approved proposal),
 - a) As per this office record (Form-C) the date of opening of the Mine is 09.06.2008. It is the Second Mining Plan document after Grant of ML. The review of mining has not been submitted since execution of the lease area. Further Annual Return from 2008-09 to 2019-20 dully signed by the Nominated Owner needs to be submitted for considering review.
 - b) Review submitted in respect of Exploration, the status of implementation should be submitted for year wise exploration carried out. Further as per this office records the Notice of Sinking of Bore holes have been submitted twice i.e on 05.06.2008 and 27.04.2018 for sinking of 25 and 124 nos of Bore Holes respectively, but details of exploratory operation have been submitted only for 122 nos of Bore holes. The discrepancy observed needs to be clarified.
 - c) In review of afforestation the year wise No of Plants to be planted needs to be submitted.
- 14) Under 3.6, One of the reason for modification has been submitted as "reserves enhancement" the same could not be considered as a reason, for modification. Hence it should be deleted. Change in lease sketch should be submitted as a reason for modification.

Geology and Exploration:

- 15) At 1(d) the email id and phone no of exploration agency needs to be submitted.
- 16) At 1(e)(iii) a table needs to be submitted indicating BH No, Total no of samples collected and no of samples analyzed by NABL Laboratory need to be submitted.
- 17) At 1(g) The Geological Plan and Geological Sections should be signed by the Geologist of the Mine as appointed under rule 55 of MCDR-2017. The different types of Limestone lithology need to be demarcated in the Geological Plan.

- 18) At 1(h) Geological sections need to be submitted in 1:2000 scale and prepared based on lithology encountered in the bore hole logs. UPL needs to be demarcated clearly in the plan and sections and also submitted in text. The clay zone needs to be demarcated in the section.
- 19) At 1(j)
- a) The category of the deposit as MEMC rules should be mentioned.
 - b) Area explored under different level of exploration needs to be submitted in the text along with the corresponding resources and grade.
 - c) 80% recovery needs to be justified and supported by proper documentation/study report.
 - d) Cut off should be submitted correctly as per the Plant requirement instead of the threshold value. The Reserves/Resources needs to be estimated upto the threshold value.
 - e) Mine Feasibility Report as per UNFC need to be submitted detailing the economic viability of Limestone vis-à-vis IBM published Average Sale Price.
 - f) All the roads and safety barrier zone needs to be marked on the plan, section and to be considered while estimating the reserves/resources. Further the safety barrier from electric lines going through the Mining Lease need to be marked in the plan and section and be considered while estimating the reserves/resources.
- 20) At 1(k) the detailed calculation of reserves/resources section wise bench wise along with grade needs to be furnished.
- 21) At 1(l) the ultimate pit depth proposed and applied for estimating Resources and Reserves need to be furnished clearly. The UNFC category wise Reserves/resources table should be submitted with Grade as per Mining Plan Guidelines.

Mining

- 22) Under 2(A)(a) the existing old pit details like co-ordinates, dimension and extent covered needs to be submitted.
- 23) Under 2(A)(b) Tentative Excavation table needs to be submitted as per the IBM Manual on Appraisal of Mining Plan. Further the bench wise Limestone production quality has been submitted the same for first and second bench, which needs to be clarified.
- 24) Under 2(A)(c) in the year wise development plan, index for top soil dumping need to be submitted. The bench movement direction needs to be demarcated in the plan. Bench slope and ultimate pit slope need to be designed as per statute.
- 25) Under 2(A)(d) the extent of Mechanization along with Machinery requirement calculation needs to be submitted. Further the manpower requirement also needs to be submitted here. Blast hole pattern, design parameters need to be submitted.
- 26) As habitations (Kanakadripaali and Raghavarajupalle village) are very nearby proposal needs to be submitted for Ground Vibration study for carrying out controlled blasting.
- 27) Production and development section should be prepared and submitted from lease boundary to boundary based on Geological cross section.
- 28) Under 2(A)(f) conceptual transverse section needs to be prepared and submitted. Further Conceptual planning needs to be proposed upto the end of Mining Lease Period. As per Bore hole lithologs and Geological Cross Section there is no waste but in conceptual mine planning waste generation and the backfilling of Block-3 has been proposed which needs to be clarified and if required needs to be demarcated in Conceptual Plan and section.
- 29) Remarks pertaining to part of the lease area for which surface rights is lying with others needs to be removed from the text.

Mine Drainage

- 30) Water sump need to be proposed with details like Year, Dimension, Location Co-ordinates, volume.
- 31) Source and documents pertaining to Maximum and Minimum depth of ground water table need to be submitted.

- 32) The minimum and maximum depths of working in the plan period need to be submitted in BGL and mRL form.
- 33) Proposal for carrying out Hydro-Geological study needs to be submitted.

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

- 34) Location Coordinates, Volume and grade of old existing dump located within the need to be submitted.
- 35) In the year wise mining proposal it has been proposed to store the top soil generated during mining and development whereas in the in chapter 4 it has been proposed to be utilised for reuse/spreading. Contradictory proposal should be avoided by bringing clarity.

Use of Mineral and Mineral Reject

- 36) The brief requirement of end use industry in terms of chemical and physical composition of Limestone need to be submitted.

Processing of ROM and Mineral Reject

- 37) The Flow chart of crusher need to be submitted in the text.

Progressive Mine Closure Plan

- 38) Base line information on Environment needs to be submitted.
- 39) Ambient Air Quality, Water, Noise Level monitoring station location Co-ordinates, Name and frequency of monitoring needs to be submitted.
- 40) The Progressive reclamation plan need to be submitted year wise. The no of sample to be collected for Environmental monitoring (AAQ, Water, Noise Level, Soil), Ground vibration study and it Frequency should be submitted year wise.
- 41) Bank Guarantee need to be submitted as per the area put to use in the financial assurance plan coterminous with the Plan period.

Plans and Sections

- 42) 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. Certificate of correctness need to be submitted in all the plans and sections. The environment plan of the area of mining lease inclusive of the adjoining area within five hundred meters of the boundary of a lease area on 1: 5000 scale incorporating the details as per rule 32(5)(b) of MCDR-2017. Further the proposed Explosive Magazine and Ammonium Nitrate Storage building located outside the mining lease needs to be demarcated in the Environmental Plan.
- 43) The topography in all the Plans and Section need to be the same as approved in the last Mining Plan document.
