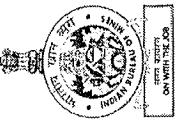




भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



No. AP/KSN/MP/Lst-6/Hyd.

Room No.603,
6th Floor,CGO Towers,
Kavadiiguda,Secunderabad.-50008
Date: 19.11.2019

To
Shri P.R.Venkatrama Raja,
Chairman and Managing Director,
The Ramco Cements Ltd.,
“Auras Corporate Centre”, Vth.Floor,98-A,
Dr.Radhakrishnan Road,Mylapore,
Chennai-600 004,Tamil Nadu State.

Sub: Submission of Review of Mining Plan in respect of Jayanthipuram Limestone Mine (South Band) of The Ramco Cements Ltd. over an extent of 88.35 ha. situated in Jayanthipuram Village, Jaggayyapet Mandal, Krishna dist., A.P. submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no.TRCL/IBM/JPM SB-RMP/20/279 dated Nil 14.10.2019.

Sir,

With reference to your letter cited above on the subject, the inspection of the mine was carried out by Shri S.K.Muduli,JMG along with Sri P.Jani Reddy,Agent Mine , P.Vidya Kiran, Mines Manager,K.Anjaneyulu, Geologist and P.Surya narayana Murthy,QP on 26.10.2019 and found certain deficiencies which were forwarded to you and your Qualified Person on respective e.mail ids i.e., minesjpm@ramcocements.co.in and psm@ramcocements.co.in.


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 @ RsThree 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,



19/11/19
(Shailendra Kumar)
Regional Controller of Mines

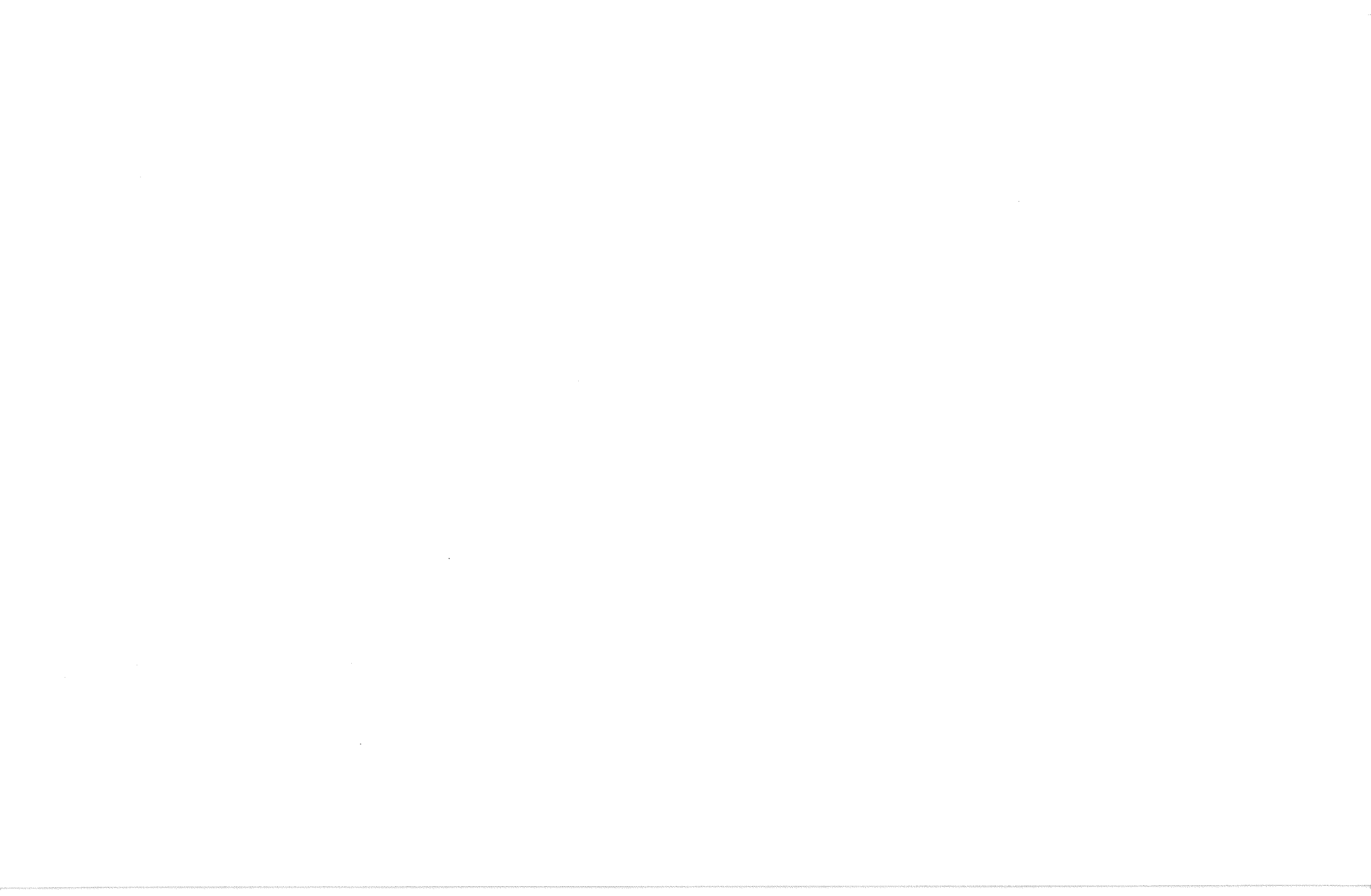
Copy to Sri P.V.Narayana Rao, Qualified Person for information and necessary action.


19/11/19
(Shailendra Kumar)
Regional Controller of Mines

मूलपत्तिपरनही

खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।


19/11/19
(शैलेन्द्र कुमार)
क्षेत्रीय खाननियंत्रक



Scrutiny Comments on the scheme of mining submitted by M/s Madras Cement Ltd. for Jayanthipuram Limestone Mine (South Band) over an extent of 88.35 Ha in Jayanthipuram Village, Jaggayyapeta Mandal, Krishna District, Andhra Pradesh.

General

1. The shape of précised lease area as submitted in all the Plans are not matching with that of the lease sketch.
2. Board resolution in respect of the nominated owner and address and ID proof of the owner can not be different and should be same.
3. Supplementary lease deed towards extension of the lease period upto 18.12.2034 needs to be submitted as a annexure.
4. The total clinkerisation plant capacity after expansion and the existing and proposed feeding capacity of all the captive mines needs to be submitted in tabular form.
5. Validity of Mining leases not required to be submitted in details of approved mining plan (table no-7).
6. Details of last modification to be submitted with letter no, date and proposal period with reason in tabular format.
7. Review to be submitted only for the modification of mining plan proposal period 2018-19 to 2019-20. Review of dump rehandling to be submitted.
8. Status of compliance of violations to be submitted correctly.
9. Copy of TOR in respect of 1.75 MTPA of Limestone to be submitted.

Geology

10. Lithology at southern eastern side benches not demarcated correctly. The litho units to be properly Geologically mapped and the Geological maps needs to be corrected along with the Geological sections.
11. The bore hole lithologs of 28 nos of core bore holes drilled by ACC is not legible. Legible copy of the bore hole lithologs need to be submitted.
12. Summarised bore hole lithologs with average grade needs to be submitted.
13. Each bore hole wise 10% of the total samples to be chemically analysed by a NABL accredited Laboratory or Government laboratory or equivalent and laboratory analysis reports thereof to be submitted.
14. The Geology of the western side of the lease along Section no-ML-6S,ML-5S,ML-4S,ML-3S of the Geological plan is not matching with the bore hole lithologs and also the Geological section. The lithology of western side of the lease needs to be demarcated as per the as per the bore hole lithologs. Further the lithology over the entire lease area needs to be demarcated as per the bore hole lithologs in the surface geological plan.
15. In the reserves/resources parameters the Cut off grade of Limestone, Ultimate Pit slope, Bulk density considered, recovery to be submitted. Reserves/resources needs to be estimated separately between the Cut off grade and threshold value.
16. UNFC category wise reserves./resources grade needs to be submitted.
17. In the UNFC axis wise justification the reason for considering the resources under F3 is not justified. The resources need to be categorised correctly.

Mining

18. Existing method of mining needs to be submitted highlighting drilling and blasting pattern, bench height, width, bench slope and machinery used.
19. Bench parameters and blast hole drilling parameters to be submitted
20. Percentage of Slurry and ANFO explosives to be used during blasting to be submitted.
21. The proposed production quantity needs to be justified in terms of clinker plant capacity and limestone required for it.
22. ORE:OB needs to be submitted correctly.

23. The backup calculation of Ore and Sub Grade production needs to be submitted year wise and bench wise mentioning the level. The bench wise weighted average grade of proposed mining block for each year needs to be furnished and the mechanism for the grade control for optimum utilization of mineral along with blending techniques needs to be furnished.
24. Proportionate quantity of the approved quantity to be mined during the balance period from 01.09.2019 to 31.03.2020 to be submitted along with a plan showing the area to be mined.
25. Year wise mining area to be changed to for mining more towards north and make it straight in the north direction and more close towards west and east direction to make the centre portion of the pit more lengthy and wider and year wise water sump planning needs to be submitted. Year wise sub grade and Waste dumping location to be demarcated in the Year wise Production and Development plan. Plantation and dumping of Sub grade and waste to be proposed out side the UPL.
26. 5year block wise highest level and lowest level of mining area needs to be shown in the conceptual plan. Conceptual stage mining to be proposed at a ultimate pit slope of 45 degree angle and accordingly the conceptual section needs to be prepared along transverse and longitudinal directions passing through the lease boundary. As the eastern side of the lease area is mineralised, dumping of waste is not allowed. 5year wise area required for mining, dumping of waste and sub grade needs to be submitted. Conceptual back filling, afforestation and exploration needs to be submitted. The conceptual chapter should be recasted, drawn and projected to visualize the status of lease at the closure of mining operation as per submitted proposal and supported by suitable number of plans and sections both in transverse and longitudinal directions passing through lease boundary, pits, dumps etc showing the status of reclamation and rehabilitation work carried out, position of workings, all dumps, and afforestation at the closure, reclamation and rehabilitation work done for the area degraded because of mining operation, waste disposal etc. The status of the whole area at the end of the life of the mine be shown accordingly on this plate.
27. Only valid Licence to transport explosives in a road van and to manufacture ANFO explosives to be submitted.

Mine Drainage

28. During field inspection water has been found to be coming from beneath the bottom floor of the third bench. Hence necessary hydro geological study needs to be carried out to assess the effect on Ground Water regime.
29. Propose Stone pitching of western side bund all along the Palleru river.
30. Year wise sump planning needs to be submitted with details like volume, dimension, level, Co-ordinates.

Stacking of Sub Grade/MIR and Disposal of Waste

31. Details like co-ordinates, dimension, volume of all the existing sub grade and waste dumps needs to be submitted.
32. Built up of dumps from year to year to be shown in yearly plans and sections. Designed capacity & height of individual dump and precautions envisaged for confinement of the dumps along with protective works, needs to be described. Waste to be disposed of in bund and dumps needs to be submitted separately.

Progressive Mine Closure

33. Last quarter environmental monitoring reports needs to be submitted.
34. Quarterly Environmental monitoring needs to be proposed for core and buffer zone.
35. Required Financial assurance in form of Bank Guarantee with validity upto 31.03.2025 needs to be submitted as per the area put to use submitted in the PMCP plan.