

SCRUTINY REMARKS ON REVIEW OF MINING PLAN OF RACHERLA LIMETSONE MINE OF M/S RAIN INDUSTRIES LIMITED OVER AN EXTENT OF 510.25 HA IN RACHRLA VILLAGE PEAPULLY MANADAL KURNOOL DISTRICT OF ANDHRAPRADESH

General

1. In the cover page mine details like Village in which the mine is situated, Mandal and District, Mine code and Registration Number should be furnished.
2. It has been observed that the shape of the lease sketch submitted along with the last approved document and the lease sketch submitted in the current submission are different with respect to North orientation, excluded area and pillar posted in the field, it is advised to submit the correct lease sketch duly authenticated by the competent authority of the state government and submitted, accordingly all the plans and sections should be suitably modified.
3. In page No.3, it is stated that the second lease is executed on 19.4.2012 and expires on 7.11.2031, which is to be correct as the validity of the mining lease starts from the date of execution.
4. Document should be submitted as per the format of “ IBM Manual for appraisal of Mining Plan 2014”.

Location:

5. Land schedule furnished in earlier approved document and that in present submission is different which should be submitted with document proof.
6. Surface Right area held by the lessee should be detailed in text part and depicted on surface plan with supporting document.
7. There is a lease sketch discrepancy in the present submission than the earlier document, hence co- ordinates of MLB pillar furnished in page no.8 may be averted unless a G.O from State Govt. is obtained with respect to change in shape of the lease area.
8. Lease map authenticated by the State Govt. should be submitted. The village map submitted is having lease area of different shape & size than the earlier map appended.
9. Details of approved MP/SOM/ROMP since inception should be furnished in tabular form.

Review:

10. Review should be carried out in to-to as per the earlier approved proposals for easy reference.

Exploration:

11. The proposal Vs achievement as per the approved document should be furnished in year wise basis instead of plan period.

12. Deviation in position of bore holes drilled than the approved proposals, which needs justification.
13. About 2,38,540 m³ mineral reject mixed with soil is dumped in waste dump yard without any such proposals.
14. Large scale deviation is observed in achievement than the approved proposals, like 200% development, 400% top soil excavation, generation of mineral reject without proposal etc. which cause increase in stripping ratio, generation of mineral reject. In regard a proper justification should be given.
15. Total quantity of Yellow Ochre, a minor mineral, in the lease area which has been stacked, should be furnished.
16. Review of land use as per financial assurance table should also be carried out and submitted.
17. Review of proposals made in approved PMCP should also be submitted.

Geology and Exploration :

18. Detailed description of Geology of the lease area such as shape and size of the mineral/ore deposit, disposition various litho-units indicating structural features if any etc. to be furnished.
19. Bench mark in the lease area with location details should be submitted.
20. All the grid lines, bore holes, ML boundary pillars should be furnished in 'WGS 84' co-ordinates only.
21. Litho units depicted in the updated surface Geological Plan are different from that of the earlier approved document, which needs justification with supporting document.
22. The plans and section were updated on 5.1.2018, but the proposals have been submitted from 1.4.2018. The gap period i.e., from January to March, 2018 and the position of the quarry as on 1.4.2018 is missing. Computation should be made from date of updation of plans and sections and proposal should be suitably modified and submitted.
23. Substantial quantity of yellow ochre is found in the lease area and its utilization/ status of use/ stack should be furnished.
24. Copy of conversion of land use (from Agriculture to Non Agricultural purpose) may be furnished.
25. Year wise production format is not as per the standard format.
26. Bore holes furnished in the approved plans and sections are different than that furnished in present document, which cannot be acceptable nomenclature of the bore holes cannot be changed you are advised to keep the same for easy reference. Further the bore holes furnished in plans and that in the sections are also different and some of the bore holes are not missing in the sections, which should be reconciled and submitted.

- 27.UPL on either side of Nala, road has not been defined and considered for reserves estimation further UPL has not been defined by forming benches, instead it is considered as slope of 80 meters height, which cannot be acceptable and is not in the interest of systematic mining. In view of the above entire reserves should be re-estimated and submitted.
- 28.Justification of reserves/ resources as MEMC rules 2015 should be furnished as per the guidelines in tabular form for easy reference. Initially reserves should be brought under 331, 332, 331 and thereafter based on exploration, feasibility study and economic viability they have to be upgraded in to 111, 121, 122, etc.
- 29.Total resources have been reduced from 487.21 million tonnes to 456.11 million tones, justification in this regard should be submitted.
- 30.Weighted average grade of reserves should be furnished for easy reference.
- 31.Proposed exploration- As per the provision of Rule 12(4), entire potential mineralized area of the lease should be converted in to G1, accordingly proposal of bore holes converting from G2 to G1 should be proposed and submitted.

Mining :

32. Mining operations have been carried out within 7.5 m of lease boundary along ML boundary -II of your adjacent lease, permission from competent authority for the same should be furnished and details should be recorded in mining chapter.
- 33.In Page 41, flaggy limestone is considered as sub grade mineral, while computation of year wise development proposal, the same is considered as waste, which is contrary and defeats the very purpose of mineral conservation.
- 34.Ore is found dumped in the waste dump yard, recovery of the same should be proposed and submitted.
- 35.Layout of the mine working has not been furnished showing the ramps, movement of benches etc.
- 36.Year wise development plan & section from 1.1.2018 to 31.3.2018 should be furnished and details to be given in the text part of the document.
- 37.Conceptual plan is sketchy and has not been prepared as per guidelines.
- 38.Waste dump is proposed in mineralized area, its re handling proposal and subsequently dumping of the same has not been detailed. Plan should be suitably modified.
- 39.Life of the mine should be considered as per the lease deed condition only.

Stacking of Mineral Reject :

40.It is proposed to generate mineral reject. In the plan Period, the type of mineral should be defined first and proposal of separate stacking should be furnished.

41. Further there is incidental occurrence of yellow ochre is also observed in the benches, the stacking of the same should also be proposed.

Reclamation Plan:

42.Retaining wall all along bottom periphery of the waste dump, where dumps are no more used, rehabilitation of the same may be proposed as required under the provision of MCDR,2017, accordingly proposals should be modified and submitted.

43.The material below the grade of Raw meal (43.90 Cao, 12.50 Sio₂) as required by the plant has to be stacked separately for proper blending in future.

44.In CSR activities, substantial amount is proposed to be spent by the management, the details should be furnished with supporting document.

45.Qualified person should put his signature in all pages of the document and in annexures.

46.Financial Assurance should be submitted @ Rs.3,00,000/- per hectare.

Plans and sections

47.All the plans and sections should be submitted as per the provision of rules 31,32, 33 & 34 of MCDR, 2017.

48.Standard color code should be used in respect of litho units for easy reference.

49.Every copy of a plan and section or part thereof submitted or maintained under these rules (34) shall bear a reference to the original plan or section from which it was copied and shall be certified thereon by the holder of the mining lease to be a true copy of the original plan or section.

50.Co-ordinates of grid lines should be submitted in 'WGS 84' in addition to local co-ordinates in all the plans and sections, for easy reference.

51.Key plan should be submitted as per the provision of rule 32(5)(a) of MCDR, 2017 and submitted on survey of India topo sheet only.

52.Surface plan should be duly dated and signed by mines manager, surveyor with certificate no., mining Engineer, Geologist in relevant plans and sections as per the statute.

53.Pit Lay out plan submitted is not prepared as per the guidelines, like access to the benches has not been shown, which should be modified and furnished.

Geological Sections

54.Lithology furnished in plan and that in sections is not matching, which should be reconciled and submitted.

55.Annexure :

56.Jist of Form-K/ J should be furnished for easy reference. Analysis report from NABL should be submitted.

In view of the above comments, relevant paras, plans & sections should be suitably modified and submitted.



GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES

Office of the Regional Controller of Mines

No. AP/KNL/MP/Lst-78/Hyd

Room No.603, 6th Floor,
CGO Towers,Kavadiguda,
Secunderabad.-50008
Date: 16.02.2018

To
Sri.Sujith Kumar Reddy,
Rain Cements Ltd.,
Srinagar Colony,
Hyderabad-500 073,
Telangana State.

Sub: Submission of Review of Mining Plan and Progressive Mine Closure Plan for Racherla limestone block (510.25 ha.) at Racherla village, Peapully Mandal, Kurnool Andhra Pradesh State submitted under Rule 17(2) of MCR, 2016 .

Ref: Your letter No. RCL/MINES-U2/IBM/2018/05.dated.18.01.2018.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 03.02.2018 by Shri. Ibrahim Sharief,Sr.ACOM accompanied by Smt.Ch.Suseela,AMG in presence of K.Naga Tulasi Reddy,Qualified persons. The draft Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail id unit2mines@privacement.com and komireddy.nagu@gmail.com of your Qualified Person as submitted in the document .

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 also advised s 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,

(Pankaj Kulshrestha)
Controller of Mines

Copy to Shri K.Naga Tulasi Reddy, Qualified persons for information & necessary action.

Encl:a/a

(Pankaj Kulshrestha)
Controller of Mines

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

(पंकज कुलश्रेष्ठ)
खान नियंत्रक