



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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सिकन्दराबाद/secunderabad- 500 080.
Date: 02.02.2021.

No. 659(390)/Lst/ NLR

To

Sri. Rajkumar Khanna,
Nominated Owner,
M/s Srikalahasthi Pipes Limited,
Rachagunneri-517641,
Srikalahasthi Mandal,
Chittoor District,A.P.

Sub: Submission of draft Review of Mining Plan including Progressive Mine Closure Plan in respect of Thippalur Limestone Mine of M/s Srikalahasthi Pipes Limited over an extent of 17.688 ha in Thippalur Village, Yerraguntla Mandal, Kadapa district, A.P.

Ref: (1) Your letter No. Nil dated 24.12.2020.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 29.01.2021 by Shri S.K.Muduli, JMG accompanied by Shri M. Rama Subba Reddy, Qualified Person and Shri Bhaskar Reddy, Mines Manager. The draft Review of Mining Plan has since been examined, and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e kanodia@srikalahasthipipe.com, pbreddy53@gmail.com and slnmrsr@gmail.com as submitted in the document.

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,

Skumar
2/2/21

(Shailendra Kumar)
Regional Controller of Mines

Copy to Sri M.Rama Subba Reddy, Qualified Person for information and necessary action.

Skumar
2/2/21

(Shailendra Kumar)
Regional Controller of Mines

मूलपतिपरनहीं
खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।

शैलेन्द्र
2/2/21

(शैलेन्द्र कुमार)
क्षेत्रीय खाननियंत्रक

Scrutiny comments on the Review of Mining Plan submitted by M/s Sri Kalahasti Pipes Limited for the Thippalur Limestone Mine at Village:- Thippalur, Mandal: Yeraguntla, District- Kadapa, Andhra Pradesh over an area of 17.688 Ha after Mine Inspection dated 29.01.2021

General

1. As per the Section 8A (3) of the Amended MMDR Act-1957 in 2015, all mining leases granted before the commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 shall be deemed to have been granted for a period of fifty years. After amendment of the said act no Modification of Mining Plan has been approved towards change in lease period. Hence The document heading to be submitted as "Modification of Mining Plan" instead of Review of Mining Plan including Progressive Mine Closure Plan" of Mining Plan.
2. In the Cover Page district name, Period of proposals in financial year to be submitted.
3. In the Qualified Person's Certificate the Year of Commencement of the MCDR Rules needs to be submitted as 2017 instead of 2018.
4. All the Certificate, Undertaking and Consent Letter needs to be signed by the Nominated Owner Sri Raj Kumar Khanna.
5. In the introduction the Cement Plant and Steel Plant capacity and their Limestone requirements needs to be discussed.
6. Date of expiry of lease be submitted as per new MMDR amendment 2015 and the Status of extension of lease period needs to be submitted.
7. The kml or shp files in respect of the entire proposals needs to be submitted in a separate CD.
8. Revised topo sheet no needs to be submitted.
9. The Review of Mining Plan needs to be prepared as per the format of IBM Manual on appraisal of Mining Plan-2014.

Review

10. Details of the approved Mining Plan/Review of Mining Plan/Modification needs to be submitted in tabular form.
11. The reason for submitting modification in Mining plan need to be submitted correctly for the deemed extension of lease period as per section 8A(3) of MMDR Amendment 2015. The order of the State government for the purpose be enclosed.
12. In the Financial Year wise review of Production, Development the achievement should be submitted upto the date of survey i.e 15.11.2020.

Geology and Exploration

13. The topographic levels need to be transferred from Survey of India Triangulation point and to be fixed as bench mark within the lease. The levels needs to be demarcated accordingly in the surface plan.

14. Local Lithological succession needs to be submitted. Strike and Dip needs to be mentioned in local Geology and demarcated in the Geological Plan.
15. 10% of the check samples need to be analysed by NABL laboratory and analysis reports thereof needs to be submitted along with NABL accreditation certificate and Scope.
16. Exploration proposal to explore the entire lease area under G1 level of exploration should be submitted for the year 2021-22.
17. Reserves/Resources needs to be estimated and categorised as per UNFC guidelines in view of the new threshold value. Parameters for Reserves/Resources estimation needs to be submitted.
18. Area explored under different level of exploration along with resources and grades needs to be submitted.

Mining

19. Existing Mining Pit dimension needs to be submitted correctly as per the updated surface plan and in addition to that co-ordinates, no of benches and top most and bottom most RL needs to be submitted.
20. Existing method of excavation with all design parameters including blasting pattern, spacing, burden, hole depth and explosive being used needs to be discussed.
21. The year wise production and development section should be prepared based on Geological Cross Section and accordingly the year wise production and development calculation table should be submitted.
22. Top soil should not be considered as Over burden and accordingly the Ore : OB ratio needs to be corrected.
23. Year wise bench wise proposed mining production grade needs to be submitted.
24. Ultimate Pit Limit needs to be demarcated in the plans and mentioned in text.
25. The Conceptual chapter needs to be redrafted in light of present available reserves and resources describing the excavation, reclamation and rehabilitation.

Mine Drainage

26. Maximum and minimum depth of working mentioned in text is not matching with the max and minimum levels of working demarcated in the surface plan. Correct information needs to be submitted. Further the proposed maximum depth of working needs to be submitted.
27. The source of data regarding maximum and minimum level of water table need to be submitted.

Processing of ROM and Mineral Reject

28. The flow chart of Crushing and Screening Plant needs to be submitted.

Progressive Mine Closure Plan

29. Steep slope has been developed in the Northern side of the Mining Pit bordering the ML in North and there is scope for redressing of benches, hence Proposal to

fence and developing green belt in the Northern side needs to be submitted in the year 2021-22.

30. Proposal for cladding of conveyor belt, closed bunker for hopper needs to be submitted in respect of the crushing and screening plant.
31. Area put to use under different heads at the start of the plan period is found to be same as that of the last approved Review of Mining Plan document, whereas the size of Mining Pit has increased in comparison to that at the time of approval of the last RMP document. Also area for work shop and area lying between Ammonium Nitrate storage house and Crushing and Screening Plant is being used for loading and despatch activity but the area has not been considered as put to use. As the area put to use under mining pit and other infrastructure have increased the area put to use under different heads at the start of the plan period needs to be assessed again as per the updated surface plan and needs to be modified at all the relevant places.
32. The year wise proposal for reclamation plan need to be submitted as per table. It has been noticed that no proposal has been given. The proposal for plantation and Environmental monitoring of core and buffer zone needs to be proposed. Core zone environmental monitoring location needs to be demarcated in the Reclamation plan, whereas the buffer zone environmental monitoring stations are to be demarcated in the key plan and environmental plan.

Plans and Sections

33. 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 each plan and sections.
34. **During field visit no intercalated waste dump found to be there within the mine but in the surface plan intercalated waste dump has been demarcated but the same area is being utilised for stacking of mineral. The surface plan needs to be updated in light of the comment.**
35. The bench profile of Northern side of the Mining Pit as per field, is not matching with that of the surface plan and Sections drawn. According corrections needs to be done.
36. Conceptual Plan and section- In conceptual plan mineral stack yard is partly on the proposed production location. Further other infrastructures like Office, Explosive Magazine, ANFO Mixing Shed, Ammonium Nitrate Storage room, Work Shop, Crushing and Screening unit, Mineral Stack Yard are also demarcated in the plan. It should be drawn and projected to visualize the status of lease at the end of lease period 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, soil, crusher etc. The status of the dump, crusher, Explosive Magazine is not clear.
