

Scrutiny comments on draft Review of Mining Plan &PMCP for Perali (south) limestone mine over 1.92hect in Perali (south) village Kunnam taluk of Perambalur district Owned by Mrs S.Sathammai submitted under rule 17(1) of MCR, 2016 & rule 23 of MCDR-2017 for the period from 2017-18 to 2021-22.

Introduction:

1. It is indicated as captive mine on cover page and in report should be corrected as non-captive as there is no such mention in GO copy or any order issued by the competent authority. Mine code 38TMN14042 indicated on cover page is incorrect should be corrected as 38TMN24018 as indicated on first page of the document.
2. As stated annexure-10, is not a copy of acknowledgement to renewal application. A copy of renewal application submitted to DGM may be annexed to know the exact lease area applied.
3. Para 3.3(i): As per the field observations depth of the pit should be corrected as 2-6m instead of 6m, accordingly, table nos.6,8 should be corrected.
4. Para (iii): As per the table nos.9,10, the actual production indicated for the year 2014-15 as 3850tonnes, but as per the annual return it was 1270tonnes should be verified and corrected.

Part-A

4. Para 1.0(b): It is mentioned under the para that around 65 is limestone and balance is calcareous marl, whereas as per the exploration sub para of review, 80% of low grade limestone and remaining 20% is high grade limestone which is contrary should be verified and grades of limestone with reference to lease may also be discussed under the para.
5. Para 1.0(i): Details of bore holes drilled under exploration carried out during the previous document need to be discussed under the para to justify not proposing exploration in ROMP.
6. Para 5.1.0(k) Reassessed Mineral Reserves/Resources as per UNFC: Area considered for reserve computation for sections Y-X& B-B’&C-C’ dimensions indicated as per table no.15 are on higher side and not tallying with geological sections drawn vide plate no.5, should be corrected and reserve should be recalculated.
In view of above scrutiny, the reserve/resources indicated in table nos.14,16,17 and 18 should be corrected.
7. Para 2.0: No of benches in OB and ore and depth range of each pit need to be discussed under the para. Exact year of working need to be mentioned instead of year-1,2 etc in table.20. Corresponding bench and its dimensions proposed to be worked for each year need to be incorporated in separate table and units for area, depth, ROM are to be indicated in the concerned tables.
8. Para 3.0(b): The minimum depth of each pit may also be indicated. Nallah/vari passing within lease area on northern side of ML need to be discussed under the sub para(d) local drainage pattern.
9. Para 4.0(iv): In view of scrutiny on reserve calculation the quantity of low grade limestone indicated should be corrected. para 5.0 the usage of low grade may be clearly mentioned under the para.
10. Para 8.6: Financial Assurance: The additional bank guarantee amount of Rs.4,84,115 has been submitted the period upto 2022. However, the old BG for an amount of Rs.15,885/- is valid upto year 2018. Hence, the total BG amount should be extended up to ROMP period 2022.

Part-B

- General: RQP indicated in certificate from may changed to Qualified person and also in other parts of report in view of abolition of RQP as per MMDR-2015 amendment.
11. Annexure I&II: Pre-feasibility report and UNFC report need to be redrafted in view of scrutiny on reserve/resources.

12. Annexure 5: FMB sketch ML area should be coloured for its easy identification and adangal copies also to be annexed.

13. Annexure-6: ML area should be indicated with colour and title to be added to the annexure.

14. Annexure-7: Chemical analysis report for low grade limestone need to be furnished.

Plates:

15. Plate no.4.: HT power line closed to ML boundary's pillar nos.4,8&9 may be taken as ground control points and its distance may be marked on the surface plan. The orientation existing pit on western side of ML should be corrected as per the field observation projecting between boundary pillars 3-6 should be corrected and the other working need to be marked with its minimum & maximum RL's.

16. Plate no.5: In view of above scrutiny, on reserve/resources of sectional areas of Y-X& B-B'&C-C' and considering the exact pit dimensions reserve / resources should be re-calculated.

17. Plate no.6: Prominent colours should be used for each year's development & production, same colour with pattern in index and plan should be followed . Exact year of production also need to be indicated in index instead of year 1,2.. .Sections may be drawn in scale 1:1000 for better/bigger view.

18. Plate no.10: Colours selected for representing afforestation in indexed should be visible.

19. Plate no.IX: Wind direction and its seasons need to be marked on the plan.

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