

SCRUTINY COMMENTS ON EXAMINATION OF DRAFT FMCP IN RESPECT OF PATHIKONDA IRON ORE MINE (ML NO. 2587) SITUATED IN SANDUR TALUK OF BELLARY DISTRICT OVER AN AREA OF 49.31 Ha. OF M/s P.VENGANA SETTY & BROS.

1. **Introduction** : (i) The details of others MLs and PLs held by the lessee, if any, in the country have not been furnished. (ii) Latest status of implementation of approved R & R Plan submitted to Monitoring Committee has not been appended. (iii) The actual cost incurred so far under different heads against proposals in approved R & R Plan has not been incorporated. (iv) The reason of non-working has not been discussed.
2. **Para 1.4** : This para (1.4.1 to 1.4.32) review of proposals for the year 2017-18 in the earlier approved RMP dated 28.11.2016 should be made.
3. **Para 2.1** : (i) Proved depth for the ore body has not been mentioned. (ii) Lumps and fines ratio of mine may also be mentioned. (iii) Presence of any Hematitic Siliceous ore - 35% Fe (Min) as per latest threshold value of minerals notification dated 25.04.2018 has not been discussed.
4. **Para 2.2.5** : A separate note should be incorporated regarding the exploration to prove the depth continuity of ore body will be carried as per Rule 12 (4A) of MCDR amendment 2018 and compliance of instructions/violation cum show cause notice issued by the IBM dated 21.5.18 and 31.07.18.
5. **Para 2.3** : (i) The reserves and resource should be as on 01.04.2018 by mentioned a note that no production of ore after approval of earlier RMP dated 28.11.2016. (ii) Figures of reserves/resources should be corrected as per the unit of mentioned in the table.
6. **Para 3.1** : The financial year should also be mentioned in bracket.
7. **Para 3.1 (b)** : Clearly indicate Fines generated are saleable.
8. **Para 4.1** : Details of inactive dumps ID-2 and ID-3 has not been incorporated. Gird location of dumps has not been mentioned.
9. **Para 4.2** : Clearly indicate entire ROM (Lumps + Fines) is saleable.
10. **Para 5.1.1** : Clearly indicate any part of existing pit was not matured for back filling due to continuity of ore body at depth.
11. **Para 5.1.2** : Proposals of Fencing existing pit was not matured for backfilling due to continuity of ore body at depth.
12. **Para 5.1.3** : Afforestation should be proposed for gat plantation of inactive dumps and safety zone, lower terraces of active dump.

13. **Para 5.1.5 & 5.1.6** : Location of monitoring stations mentioned in plan to be clearly indicated. Water monitoring station at water discharge pit of mine should also be proposed.

14. **Para 5.1.7** : (i) The grade of BHQ to be mentioned with chemical analysis report. (ii) The proposals of generation and disposal of wastes/BHQ should be restricted up end of lease period only. (iii) Afforestation should be proposed at lower terraces of active dump during last year (iii) Afforestation should also be proposed for gap plantation of inactive dumps and safety zone. (iv) As discussed during site inspection, retaining wall and garland drain at the toe of BHQ dump should be proposed to avoid any escape of materials if any.

15, **Para 5.1.13** : (i) Proposals of fencing of existing pit to avoid entry of cattle/persons have not been discussed properly. (ii) Slope stability study report has not been submitted in support. (iii) Distance between mine site and hospital has not been mentioned.

16. **Para 5.1.14** : (i) No. of existing, and proposed employment as per approved RMP to be mentioned. (ii) No. of local employment should also be mentioned. Further, the compensation to be given as per statutory labour act/rules.

17. **Para 5.1.15** : Afforestation to be proposed as per scrutiny comments at Para 5.1.7.

18. **Para 5.1.16** : Afforestation cost should be incorporated and reconciled.

19. **Para 5.1.17** : Monitoring and maintenance of R & R measures to be discussed.

20. **Para 5.2** : (i) Afforestation and other protective measures as per scrutiny comments at Para 5.1.7 should be properly reflected. (ii) Status of implementation of approved R & R Plan should be incorporated in tabular format as additional information.

21. **Para 5.3** : (i) Net area considered for calculation of FA should be as per last approved RMP as monitoring and maintenance works to be undertaken. (ii) The photo copies of relevant BG have not been appended.

#### **Annexures :**

22. Certificate and annexures should be as per IBM manual for appraisal of FMCP – July 2018”.

#### **Plates**

23. Plans should be enclosed in support of compliance of CCOM circular No. 2/2010.

24. Year-wise reclamation plans in 1: 2000 scale should be enclosed. Afforestation and other protective measures should be as per scrutiny comments at Para 5.1.7. A year-wise build-up of Dump section has not been enclosed.

25. The Environmental monitoring station should be properly reflected in all relevant plans.

\*\*\*\*\*