

SCRUNITY COMMENTS OF MINING PLAN IN RESPECT OF AUCTIONED ML BLOCK OF DHARMAPURA IRON ORE MINE, ML No. 2239, AREA 43.58Ha, SUBMITTED BY PREFERRED BIDDER M/S JSW STEEL LTD., SITUATED IN RAMGAD VILLAGE, SANDUR TALUK, BALLARI DISTRICT OF KARNATAKA STATE

INTRODUCTION:

It has been mentioned in the Introduction chapter that the Mining Plan has been prepared based on the Modified Approved Mining Plan, approved on dated 04.07.2018. The topography of the lease area, reserves & resources have not been updated by actual Field Survey. All the Plans & sections have been prepared without field survey. Hence the proposal of development of the mine for the next five years appears to be hypothetical. Therefore the bidder is advised to submit the mining plan after actual field condition. The development of the mine for production of Iron Ore for the next five years needs to be discussed based on the updated Plans & Sections

After submission of the Mining Plan, the Qualified Person has been changed and Sri S K Singh has been authorized as Qualified Person as mentioned in your letter received in this office on 13.12.2019. All the supporting documents for the qualified Person needs to be submitted as per Rules

LOCATION & ACCESSIBILITY

1. Para 2.0(a): The Longitude of the boundary pillar A-1 may be corrected as per the information furnished in table no.7.

PART-A

2. Para 1.0 (e) (ii): The subtotal of number of boreholes for the year 2016-17 may be corrected.
3. Para 1.0 (i): Grid interval of the proposed RC bore holes may be given in table no.10.
4. Para 1.0 (j):
 - (i) The area covered under different level of explorations may be tabulated matching the lease area.
 - (ii) The threshold value of siliceous ore is fixed to +35% Fe. Necessary corrections may be done in table No.11.
5. Para 1.0 (l):
 - (i) In the introduction chapter, it is given that the data pertaining to geology, reserves & resources are maintained as per the approved Modified RMP of the previous lessee. Hence the reserves & resources may be furnished as per the previous approved document in table no.17 & table no.18.
 - (ii) The threshold value of BHQ given in pt.(b) may be corrected.
6. Para 2.0 (b): The bulk density & recovery of each of the material handled may be enclosed in a tabular form for computing the tonnage conversion factor.
7. Para 2.0 (c):
 - (i) The number of benches & mRL mentioned in table no.23 for the 1st, 4th & 5th year is not matching with the sections (plate no.III/f). The same may be verified and corrected accordingly at all places in the text part.

- (ii) The total waste which includes 10% intercalated waste from ore zone may be verified and corrected accordingly. Necessary corrections may be applied in table no.21 & table no.22.
- (iii) With reference to the above comment, the stripping ratio will also change. Hence necessary corrections may be applied in table no.21 & table no.22 & all part of the text & plates.
- (iv) Section lines may be given in the waste calculation tables furnished year wise.
8. Para 2.0(d):
- (i) In adequacy of equipment, four excavators have been written against the calculation of one excavator.
- (ii) The quantum of maximum development of 1.78 LTPA for calculation of tipper requirement may be aligned with above comment given in pt. no. 7 (ii) & corrected accordingly.
- (iii) The data on Drilling & blasting may be changed as per the comment placed at pt. no. 7 (ii).
9. Para 2.0 (e):
- (i) The number of stages/terraces as given in table no.32 is not matching with the dump sections given in the year wise production & development plates.
- (ii) The quantity of OB may be corrected as per the comment placed at pt. no. 7 (ii).
- (iii) The location coordinates may also be verified.
10. Para 2.0(f):
- (i) No working to extent in the safety zone. It is given that 0.36 Ha is covered under safety zone. Clarification in this regard may be furnished.
- (ii) Under recovery of ROM, recovery percentage of ore & BHQ may be furnished.
- (iii) The toe wall nomenclature for temporary BHQ dump is to be kept same in plate & at all places in the text.
11. Para 3.0(b): The maximum & minimum depth of working in the plan period may be aligned as per the information furnished in table no.23.
12. Para 5.0 (a): In requirement of end use industry, use of BHQ/siliceous iron ore (Fe 35 to 45%) is not discussed. Proposed blending ratio of BHQ/ siliceous ore with hematitic iron ore should be elaborated here to achieve the captive plant requirement.
13. Para 6.0(b): In table no. 42, the lump to fines ratio is given as 30:70, whereas in the Geological chapter it is mentioned as 40: 60. The same may be corrected accordingly.
14. Para 7.0(a): The information provided under employment potential, the total number of direct employment may be corrected as 65 at all places in the text.
15. Para 8.3: In table no.52, cumulative no of plants may be furnished year wise.
16. Para 8.6: Clarification on additional area requirement during the plan period covered for under different activities in safety zone may be discussed giving reference to the respective plate nos.
17. Signature of the applicant in the Consent letter/Undertaking /Certificate must be in original.
18. Date to be given in the certificate from QP.

19. PART-B: (Plates)

- a) Key Plan (Plate No.I/b): Approach road & distance to the mines may be shown prominently.
- b) Surface Plan (Plate No.II/a): (i) Updated surface plan may be submitted based on the latest survey carried out. (ii) Checked date may be deleted from all plans & sections. (iii) Grid lines may be extended out of the lease area to show the intersection of the latitude & longitude for better visibility in all the plans submitted. (iv) Safety zone of 7.5 Mts may be marked clearly all along the lease boundary.
- c) Geological Plan (Plate no. II/b): (i) Area under G-1,G-2 G-3,G-4 & non mineralized area may be marked in this plan. Also a tabular column of the same may be inserted in this plate.(ii) Since the public road is not yet diverted, the UPL may be changed and kept at 50 Mts away from the public roads passing through the mines in all the plans & sections submitted.
- d) Geological section (Plate no. II/c): (i) UPL may be drawn appropriately in each of the section lines. (ii) All the colours used for identifying the Litholog of the bore hole may be indexed.
- e) Production & Development Plan (Plate No.III/a-III/e): (i) Working proposals of the 1st year may be given as per the latest surveyed surface plan. (ii) Working proposals of the 2nd year onwards may be given on the previous year production & development plan & so on. (iii) Proposed workings & allied activities of the respective years may be only given in their respective production & development plan. (iv) Proposal for stacking the ROM & graded stocks may be shown in this plate and indexed. (v)The distance and direction of movement of each of the working faces may be marked /coloured prominently.
- f) Production & Development section (Plate No.III/f): (i) Sections may be drawn up to the bottom of the proposed working for the plan period only. (ii) Year wise working sections may be shown on 1:1000 scale or less for better visibility.(iii) Contrast colours with thick lines may be marked for year wise production & development limit.
- g) Conceptual Plan & sections (Plate No.VI): (i) Conceptual plan may be given upto the end of lease period indicating in a tabular form.(ii) Only the outlines may be given indicating the area based on the conceptual land use pattern. (iii) Few more sections showing all the proposed activities at the conceptual stage of mining may be shown on sections.
- h) Financial Area Assurance Plan (Plate no. 10): (i) This plate may be corrected in accordance with the comments offered for para no. 8.6, text part. (ii) A detailed break up of the area of the respective activity may be given and shown only in the outlines.
