

Table scrutiny comments on Review of Mining Plan of Shri Sivasankar Manganese Mine of M/s Shri Bajrang Power & Ispat Ltd. over an area of 3.95 hectares in Garividi village, Garividi Mandal, Vizianagaram district, Andhra Pradesh.

General

1. Introduction need to be recast properly to cover the necessary data pertaining to company/ mine like brief history of the mine, lease grant & execution details, lease transfer details, reason for mining operation discontinuance, captive/non-captive, purpose of submitting the document etc.,
2. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.
3. Copy of the lease grant G.O shall be submitted.
4. As per the G.O.Ms No.233 dated 30.10.2009 it is stated that lease period is upto 26-09-2020. Status of lease as per section 8A (3) of MMDR Act amended in 2015 may please be submitted.
5. Status of EC beyond 08.07.2021 to be submitted.
6. Blank data is found in many pages in the document submitted.
7. In the document submitted it is wrongly mentioned in many pages that the Annexures are attached. Clarify and correct it.
8. Details of captive or non-captive mine shall be submitted in the introduction chapter.
9. Color photographs should be enclosed in the document for easy reference pertaining to boundary pillars, working pit, dump, afforestation, core logs, ground control points etc.
10. The boundary pillar coordinates certified by the state government shall only be annexed.
11. In the location and accessibility chapter, submit details mentioned in the IBM IBM manual on appraisal of Mining Plan only.

Review of Mining plan

12. Exploration chapter shall be submitted correctly w.r.t proposal made in the previous approved mining plan.
13. Afforestation details shall be submitted correctly w.r.t proposal made in the previous approved mining plan along with the area used for afforestation.
14. Details of retaining wall, area under backfilling in the mined out area and area proposed for put to use in last Mining Plan shall be submit correctly.

Geology and Exploration

15. Phase wise exploration carried out in the lease area should be furnished in tabular form. As well as the details of bore holes drilled incorporating, collar details, survey file for drill hole, assay details, geology details, rock quality details, for easy reference.
16. Geological sections for all the section lines are not submitted .Accordingly reserves and resources need to be assessed as per MEMC rules and backup calculation thereof be submitted. Total geological resource need to be assessed.
17. Resources below cut off grade and above threshold value should also be estimated and furnished.
18. Feasibility report for the mine should be submitted as per the format prescribed for the purpose showing the capital investment and proving economic viability of the project.
19. Undertaking was submitted by the lessee in the previous approved mining plan that study will be carried out to determine the recovery factor of sub grade manganese ore varying from 10%-17% within one year of approval of the document. Whereas no study has been carried out during the plan period. Also, similar undertaking has been submitted in this draft document. Clarify it.

Mining

20. Proposal of Number of pits, number of benches, maximum working depth shall be submitted.
21. It is mentioned in page no. 26 that DGMS permission has been obtained for use of mining machinery, whereas no permission letter is attached in the document submitted.
22. It is proposed to carry out the work with excavator and tippers for excavation, loading and transportation of ROM and overburden, whereas you have submitted the document as Category-B mine. Clarify/correct it.
23. It is mentioned in the document that OB dump can be shifted to land adjacent to the Mining lease and existing pit can be extended. It is to be noted that the proposals shall be given pertaining to your existing lease area only. Clarification and correct it.
24. It is mentioned in page no.26 that ROM production is proposed about 8000Te and maximum it may go to 10000Te during peak production. Whereas in the production summary it is proposed for 6000Te production. Clarify it.
25. Specifications & details of the machineries like model, imported/exported, max. reach height, width etc., shall be submitted.
26. The proposed haul road width, haul road gradient, bench slope, overall pit slope etc shall be submitted.
27. Location for dump site with co-ordinates, method of dumping, maximum height, spread area of dump shall be submitted.

Conceptual plan

28. Conceptual plan be prepared to indicate the UPL, life of the mine, conceptual exploration, pit dimension, land use pattern, status of reclamation and re-habilitation, land use, position of pit, dumps, dump re-handling proposals, green belt development etc. at the end of lease period. The details may be furnished in tabular form where ever required for easy reference.
29. The life of the mine needs to be assessed considering resource and reserves as well.
30. Conceptual plan and section need to be prepared for the entire lease area. Showing conceptual size of the pit, size of dump, afforestation land use pattern at the end of this 5 year period and at the end of lease period be submitted.etc.

Stacking of Mineral/Sub grade Mineral and waste disposal:

31. Location proposed for sub-grade stacking with co-ordinates shall be submitted.
32. Proposed waste location with co-ordinates shall be submitted.
33. Garland drain proposal shall be submitted for the existing dump.
34. Retaining wall and garland drain shall be submitted for proposed dump.

Progressive Mine Closure Plan:

35. Environment Base line information shall be submitted.
36. Reclamation plan shall be submitted.
37. Environment monitoring stations in the core zone and buffer zone to be shall be submitted.
38. Financial assurance plan should be submitted in view of above comments.

Plans and Sections:

39. All the plans and sections should be submitted as per the provision of rules 31, 32 & 34 of MCDR, 2017 and signed by the surveyor having Certificate of Competency of Survey from DGMS.
40. The date of survey is not mentioned in the plans submitted. As per Rule 34 of MCDR, Every plan, section or part thereof under these rules shall carry thereon a certificate for its

correctness and shall be signed by the Mining engineer with date. Provided that the geological plans and sections shall be certified and signed by the geologist employed under rule 55.

41. Plan showing the granted Mining Lease area connected with permanent ground control points shall be submitted.
42. In the environmental plan all the features lying within the 500m radius from the ML needs to be demarcated.
43. Conceptual plan shall be re-submitted showing conceptual size of the pit, size of dump, afforestation land use pattern at the end of this 5 year period and at the end of lease period be submitted.
44. Mining Engineer, Geologist and Surveyor deployment is not mentioned in the employment potential chapter,



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Date. 02.06.2020.

To
Sri Shravan Kumar Goyal, Nominated Owner,
M/S Shri Bajrang Power & Ispat Ltd.,
Borjhara Village, Urla Guma Road,
Raipur, Chhatishgarh

Sub: Submission of Review of Mining Plan in respect of Shri Sivasankar Manganese Mine of M/S Shri Bajrang Power & Ispat Ltd. over an extent of 3.95 Ha. in Garividi Village and Mandal, Vizianagaram District, A.P. submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no.SBPIL/BJR/MIN/20-21/00139 dated 01.05.2020.

Sir,

With reference to your letter cited above on the subject, the draft Review of Mining Plan has been examined by Sri Madusudan Yadav, ACOM. Due to covid-19 lockdown inspection couldn't be carried out and the table scrutiny comments was prepared and have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., garividi.mines@goelgroup.co.in, mining@goelgroup.co.in and sk.acharya@goelgroup.co.in

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 (2Nos.). 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,

Sd/-

(Shailendra Kumar)
Regional Controller of Mines

Copy to Sri S.K.Acharya, Q.P. for information and necessary action.

Sd/-

(Shailendra Kumar)
Regional Controller of Mines

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