



भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



Phone No. : (040)-27539992/2753993
Fax No.(TF): (040)-27539991
E-Mail : ro.hyderabad@ibm.gov.in
No. AP/VZNR/MP/Mn-73/Hyd

Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date. 24.08.2020.

To
Sri Shraavan Kumar Goyal, Nominated Owner,
M/S Shri Bajrang Power & Ispat Ltd.,
Borjhara Village, Urala 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/20-21/1484 dated 08.08.2020.

Sir,

With reference to your letter cited above on the subject, the draft Review of Mining Plan has been examined by Sri Madhu sudhan Yadav.M, 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,

Skumar
24/8/2020

(Shailendra Kumar)
Regional Controller of Mines

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

Skumar
24/8/2020

(Shailendra Kumar)
Regional Controller of Mines

मूल पति पर नहींकह.

खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

शैलेन्द्र
24/8/2020
(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

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. 'Nominated owner' and his address details shall be mentioned in the details of the lessee submitted.
2. Company registration certificate as per 'The Companies Act 2013' shall be submitted.
3. 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.
4. Blank data is found in many pages in the document submitted.
5. In the document submitted the annexures shall be submitted correctly and in proper sequence.
6. Details of captive or non-captive use shall be submitted.
7. Color photographs should be enclosed in the document for easy reference pertaining to dump, afforestation, core logs, ground control points etc.
8. The boundary pillar coordinates certified by the state government shall only be annexed.
9. The document shall be submitted as per the chapters mentioned in the IBM manual on appraisal of Mining Plan 2014.

Review of Mining plan

10. Afforestation details in terms of area and quantity of plantation carried out shall be submitted correctly w.r.t proposal made in the previous approved mining plan.
11. Proposed area put to use as per the earlier approved Mining Plan shall be submitted correctly.
12. Area reclaimed is different w.r.t to the reclamation area proposed in the approved Mining Plan.
13. Status of compliance of violations pointed out by IBM shall be submitted correctly.

Geology and Exploration

14. Type of boreholes drilled earlier in the mining lease area shall be submitted in the exploration chapter.
15. Waste dump was existing as per the earlier submitted plan where the borehole BCD-19 & BCD-20 drilled. Clarify it.
16. Notice of drilling boreholes in Form-I and records of the boreholes drilled in Form-J were not submitted to this office for the boreholes drilled during the earlier approved plan period.
17. Axis wise UNFC classification of Resources/Reserves to be justified. Area explored under different level of exploration need to be marked on the geological plan and UNFC code for area considered for different categories of Reserve/Resources estimation may also be marked on geological cross sections.
18. Proposal to carry out detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease to be submitted.
19. All the existing exploratory inputs need to be demarcated in the geological plan and geological sections. The Geological plan and Geological cross section are not in corroboration with each other. Proposed exploratory input locations need to be demarcated in the Geological Plan and the index needs to be submitted correctly in the Geological Plan.
20. Section wise detailed calculation of reserves and resources shall be submitted correctly.
21. Inconsistency of data regarding Resources and Reserves found in the document submitted.
22. Details of the Resources and Reserves in the lease area shall be submitted as per the format mentioned in the IBM manual on appraisal of Mining Plan 2014.

23. Resources below cut off grade and above threshold value should also be estimated and furnished.
24. Feasibility study report along with financial analysis for economic viability of the deposit as specified under the UNFC field guidelines may be incorporated.

Mining

25. In the document it is mentioned that working will be carried out as OTFM mines in the cover page and in the text also.
26. Yearwise proposed area of production and its co-ordinates shall be marked legibly in the plans submitted and the same shall be captured in the text also.
27. Proposal of Number of pits, number of benches, maximum working depth shall be submitted.
28. Direction of proposed working shown in the plan and text is not matching.
29. Yearwise tentative excavation shall be submitted as mentioned in the IBM manual on appraisal of Mining Plan 2014.
30. Yearwise tentative tonnage of ore proposed to produce shall be submitted.
31. Details of waste generation during the plan period shall be submitted.
32. Specifications & details of the machineries like model, imported/exported, digging height etc., shall be submitted.
33. The proposed haul road width, haul road gradient, bench slope, overall pit slope etc shall be submitted.
34. Location for dump site with co-ordinates, method of dumping, maximum height, spread area of dump shall be submitted.

Conceptual plan

35. 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.
36. The life of the mine needs to be assessed considering resource and reserves as well.
37. Location of area for reclamation and rehabilitation in the text is not matching with the plan submitted.
38. 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.

Mine Drainage

39. Minimum and maximum depth of water table based on observations from nearby wells and water bodies
40. Quantity and quality of water likely to be encountered, the pumping arrangements and places where the mine water is finally proposed to be discharged shall be submitted.
41. Indicate maximum and minimum depth of workings.
42. Describe regional and local drainage pattern. Also indicate annual rain fall, catchments area, and likely quantity of rain water to flow through the lease area, arrangement for arresting solid wash off etc.

Stacking of Mineral/Sub grade Mineral and waste disposal:

43. Details of stock of minerals rejects/sub-grade minerals in the lease area shall be submitted.
44. In the plan submitted stockyard proposal is shown in two areas in the mining lease, whereas details of the one stockyard is given in the text submitted.
45. Retaining wall and garland drain proposal shall be submitted for the dumps.

Processing of ROM and Mineral Reject

46. In page no. 45 it is mentioned that catch pond of 30 KL capacity will be provided to collect storm water for reuse. Clarify it.

Others:

47. Employment potential shall be submitted correctly.

Progressive Mine Closure Plan:

48. Reclamation plan shall be submitted.
49. In page no. 51 area proposed to reclamation and rehabilitation is not matching with details with mentioned in page no. 40.
50. Information on protective measures for reclamation and rehabilitation works yearwise may be provided as the IBM manual on appraisal of Mining Plan 2014.
51. Financial assurance plan should be submitted in view of above comments.

Plans and Sections:

52. 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.
53. 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.
54. 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.