

**Scrutiny comments in respect of Modification in Approved Mining Plan w.r.t. Serka & Serengdag Bauxite mine (Retained area 59.88 ha) of Shri U.P. Agrawal in Village Serka & Serengdag, Distt. Gumla, Jharkhand, submitted under Rule 17 (3) of MCDR, 2017.**

**TEXT**

1. The IBM Registration no of the mine should be given in cover page.
2. Plan Period should be from 2017-18 to 2019-20. The lapsed period from 2015-16 to 2016-17 may be mentioned on the cover page. Accordingly, the Text and Plates should be modified.
3. Rule 12(v) of MCR' 2016 may be quoted for undertaking for Boundary Pillars.
4. Instead of Chapter I & II, Para number ie.1.0 General,2.0 Location and accessibility may be given.
5. Page 6: The distance of Airport from the area given as 110Km., may be checked and corrected.
6. Page 7: As stated by the representative of the Lessee and Qualified Person, total number of Pillars should be 59 instead of 48. May be reconciled.
7. Page 11, para 1.0(a): Topography: It has been stated that the southward slope has reached to about 1044mRL, but as per Surface Plan (Plate No.3) it is 1040mRL. May be reconciled.
8. Page 29: The additional Reserve as on 01/04/2017 should be given in the 3<sup>rd</sup> column and instead of Fresh reserve, Total reserve as on 01/04/2017 may be given in the 4<sup>th</sup> column.
9. Page 32 to 56, Para 2.0: Mining: Details of only 2017-18 to 2019-20 may be given. The year 2015-16 to 2016-17 may be stated as lapsed.
10. Page 42, para 2.0 ( C ) (e) & Page 46, para 2.0 ( C ) (e)(3) (b):- The distance of Itkiri village has been given as 50Km from the mine. It may be corrected.
11. Page 50, para 2.0 ( C ) (f) (iii): Anticipated life of the mine may be modified taking the production from financial year 2017-18 to 2019-20 only.
12. Page 60, para 4.0, Page 81, para 8.3.2, Page 83, para 8.3.5 : Details may be given for 2017-18 to 2019-20 only.
13. Page 64, Para 6.0: Processing of ROM and MINERAL REJECT: The size of mineral given is confusing. The upper limit has been given as -200m, which is too high. May be reconciled.
14. Page 90:- Financial Assurance of Rs. 61,23,000/- ( Sixty one Lakh Twenty three thousand rupees) valid upto 31/03/2020, have not been submitted.
15. In the consent letter/ undertaking/certificate from the applicant at para 02, it has been stated that the CCOM Circular No.2/2010 is implemented and complied with an authorized agency approved by the State Govt. But the DGPS Map and DGPS report has not been enclosed.
16. Certificates/undertaking/consent letter should be in Part 'B', under Para 9 as per Universal Format.
17. List of Plan and Sections should be submitted as Para 10 of Part 'B' as per Universal Format.
18. List of Documents to be annexed should be given as Para 11 of Part 'B' as per Universal Format.
19. Annexure 9 & 9A:- Validity of certificate of accreditation w.r.to Therapeutics Chemical Research Corporation, Chichpokli, Mumbai and Sun Tech, 40P, Tupudana Industrial Area, Ranchi-3, Jharkhand enclosed have lapsed. Therefore, valid certificate of accreditation w.r.to Therapeutics Chemical Research Corporation, Chichpokli, Mumbai and Sun Tech, 40P, Tupudana Industrial Area, Ranchi-3, Jharkhand may be given.
20. Xerox Copy of letter no.352/M dated 25/06/2008 of DMO, Gumla to DFO, Lohardaga regarding renewal of Mining Lease may be enclosed.
21. Xerox Copy of letter no. nil dated 09/08/2008 of the Lessee to DMO, Gumla regarding NOC from CO & DFO may be enclosed.
22. Xerox Copy of letter no.2826/Lo. dated 20/12/2010 of DFO, Lohardaga regarding surrender / Diversion proposal of 8.33 Acres Jangal Jhari Land may be enclosed.

23. Xerox Copy of letter no. nil dated 20/01/2011 written by the Lessee to the DFO, Lohardaga regarding Forest area within 156.29 Acres of Lease area, may be enclosed.
24. Few coloured photographs of the pits, dumps, approach haul roads should invariably be enclosed in the text.

### **Geology and Exploration:**

25. In the Cover page and the text document Plan Period mentioned is 2017-18 to 2021-22 but as per office record last modification in approved Mining Plan under Rule 17(3) of MCR 2016 was for a period upto 31/03/2020 for the lease area 63.25 Ha.. So Plan period (2015-16 to 2019-2020) mentioned should be changed accordingly and all the proposals should be in accordance to it. Actual work done for the Lapse Period and proposal for the remaining period should be incorporated in the document submitted for approval.
26. In Pg. 7 and in surface plan the numbering of boundary pillars does not matches with the pillar fixed demarcating the lease area. Also the total number of boundary pillars does not matches during the field verification.
27. According to Rule 12(4) of MCDR 2017 *“In the case of existing mining leases detailed exploration (G1 level) over the entire potentially mineralized area under the mining lease shall be carried out within a period of five years from the date of commencement of these rules.”*; in such a case the exploration proposals of the entire area in G1 level should be proposed accordingly.
28. In Pg. 31, as per Reserve and Resources Estimation as on 01/04/2017. Resources under (211) category (Feasibility Mineral Resources) NIL resources has been reported and feasibility report has been attached, which contradicts each other. If the deposit or some portion of the deposit is feasible for which the feasibility report has been attached the quantity should be mentioned in reserve in resources estimation, necessary changes is to be done accordingly.
29. Plantation proposal should be given in the OB dump.
30. Electrical Lines with transmission voltage is to be shown in the surface plan which passes in between the lease area.

### **B. PLATES:**

31. As per scrutiny comment, Text s.no.9 the Plan and Sections should be modified.
32. Surface Plan ( Plate no. 3), Environment Plan (Plate no.5), Environment Management Plan (Plate no. 6), Reclamation Plan (Plate no. 7), Financial Assurance Plan (Plate no.8):-
  - (i) Electric Line parallel to the road on the southern side going from East to West has not been shown.
  - (ii) As per recent DGPS Survey there are 59 pillars, as stated by the representative of the Lessee and Qualified person during field inspection, which have not been shown.

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