



भारत सरकार / GOVERNMENT OF INDIA

E-mail

खान मंत्रालय / MINISTRY OF MINES

भारतीय खान ब्यूरो / INDIAN BUREAU OF MINES

गुवाहाटी क्षेत्रीय कार्यालय / GUWAHATI REGIONAL OFFICE

क्षेत्रीय खान नियंत्रक का कार्यालय / OFFICE OF THE REGIONAL CONTROLLER OF MINES

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No.IBM/GHY/MEG/EJH/LST/MS-9

Date: 12/12/2018

To,
Sri Venkatesan Thyagarajan, (Nominated Owner)
M/s. Adhunik Cement Limited,
Village- Thangskai, Po- Lumshnong,
Dist- East jaintia Hills,
Meghalaya-793210
E-mail: t.venkatesan@dalmiacement.com

Sub: Scrutiny Comments on the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan in respect of Umsoo Mootang Block-II Limestone Mine (38MEG03011) over an area of 4.90 Ha. in Thangskai Village, Taluka-Nurpuh, East Jaintia Hills district of Meghalaya State of M/s. Dalmia Cement (Bharat) Limited., submitted under Rule 17 (2) of MCR 2016 & 23 of MCDR 2017.

Ref: Your letter No. DCBL/MINES/2018-19/137(A), dt. 13.11.2018

Sir,


Please refer to your letter on the subject cited above, the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan in respect Umsoo Mootang Block-II Limestone Mine (38MEG03011) over an area of 4.90 Ha. in Thangskai Village, Taluka-Nurpuh, East Jaintia Hills district of Meghalaya State, submitted under Rule 17 (2) of MCR 2016, has been examined in this office on the basis of the site inspection done on 06th December 2018 by Sri S. K. Mohapatra, Senior Mining Geologist.

The scrutiny comments made on the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan, are enclosed herewith as **Annexure-I**. In this regard you are advised to rectify the deficiencies and submit **final three hard bound copies of text & plans** along with the softcopy in **two DVD's** with requisite Bank Guarantee as financial assurance for the plan period as per Rule 27 of MCDR 2017, to this office within **15 (Fifteen)** days from the date of issue of this letter for further necessary action. Invariably the softcopy of the text & plans shall also to be sent to our e-mail id: ro.guwahati@ibm.gov.in. The text shall be in MS word format and plans in Auto CAD and JPG format.

The para- wise clarification indicating the manner in which the deficiencies have been attended should invariably be given while submitting the Review of Mining Plan. No further extension of time in this regard will be entertained and the document will be considered for rejection if not submitted within the above due date and deficiencies not attended properly.

Encl: As above.

Yours faithfully,



(P. K. Bhattacharjee)
Regional Controller of Mines

- Copy to: (1) The Controller of Mines (EZ), Indian Bureau of Mines, Kolkata – for kind information.
- (2) Sri Sanjay Kumar, Qualified Person, Thangskai, Lumshnong, Khliehriat, East Jaintia Hills, Meghalaya-793210, Email- kumar.sanjay@dalmiacement.com

4
12/12/2018

(P. K. Bhattacharjee)
Regional Controller of Mines

Scrutiny Comments on Draft Review Mining Plan with Progressive Mine Closure Plan of Umsoo Mootang Block-II Mines over an area of 4.90 Ha. in village Thangskai, Taluka-Khliehriat, Dist- East Jaintai Hills, Meghalaya of M/s. Dalmia Cement (Bharat) Limited, prepared by Sri Sanjay Kumar (Qualified Person) under Rule 17 (2) of MCR 2016 & 23 of MCDR 2017.

Date of Inspection: - 06.12.2018

TEXT

- 1.0 Mining plan needs to be prepared & submitted as per the new and updated prescribed format given in “IBM manual for appraisal of Mining Plan – 2017. The submitted document does not contain, **Summary of proposals at a glance, period**” information of proposals as per the IBM manual, needs to be furnished.
- 2.0 The period of the review of mining plan is a block of five years. In the submitted document, both block period and proposal period of the review of mining plan needs to be furnished.
- 3.0 In the introduction chapter a brief history of the mining lease to be given depicting all the statutory clearances/ court cases (if any) etc. with documentary evidence from the grant of the mining lease to as on date in chronological order.
- 4.0 Under introduction chapter (page no-2), it has been mentioned that photographs of boundary pillars are attached as Annexure-15, where as the submitted document does not bear Annexure-15.
- 5.0 Under 2.8; copy of educational qualification and professional experience of working of the qualified person needs to be furnished.
- 6.0 Information furnished under 3.11 & 3.14 needs to be furnished properly.
- 7.0 Summary of exploration carried out should be depicted indicating the details of location of boreholes, total depth, depth of mineralization, assay value etc in a tabular format, along with the analysis report.
- 8.0 Information furnished under 6.5 (page no-27&28) is not matching with geological plan and section of the submitted document and the same needs to be rectified in both text and plates.
- 9.0 A fresh re-assessment of the resources/ reserves needs to be carried out as per the extant provision given in ‘Mineral (Evidence of Mineral Contents) Rules 2015’. The section lines taken for resource/reserve calculation through Surpac in page no-27, 28 & 29 are not shown in the geological plan and sections. Neither these sections are shown in the year-wise development plan and sections. Accordingly level wise & section wise resource/ reserve figures to be reported and categorisation of resources/ reserves as per the UNFC system needs to be furnished.
- 10.0 Back up calculation along with grade for blocked resources under various modifying factors needs to be provided either in feasibility study report or in text or in both.
- 11.0 The life of the mine needs to be calculated with the average quantity of the total quantity of the proposed production.
- 12.0 The details furnished in reclamation and rehabilitation & post mining land use conceptualised need to be recast. (7.25 to 7.26).
- 13.0 The details of mode of disposal of surface run-off water shall be discussed indicating the schematic route showing its discharge with proposed provisions of check dams/ settling tanks (if any)/ water quality monitoring stations etc. The proposal shall also to be shown in the reclamation plan.

- 14.0 Under employment potential chapter, existing and proposed to employ under different categories needs to be furnished in two different columns.
- 15.0 Information on protective measures for reclamation and rehabilitation works (year-wise) needs to be furnished under 14.3.7.
- 16.0 Information furnished under 14.3.13, financial assurance details is not clear. The submitted bank guarantee is valid till 09.06.2021, where as validity of review of mining plan is five years, i.e. 2019-20 to 2023-24. The financial assurance should be co-terminus with the plan period i.e. up-to 2023-24.
- 17.0 Estimated resources/ reserves as per the UNFC system needs to be reported in feasibility report (Annexure-14).
- 18.0 Original copy of Consent letter/Undertaking/Certificates needs to be furnished.
- 19.0 Some of the annexure are obscure, legible copy of annexure to be submitted.
- 20.0 Copy of the surveyor's certificate to be enclosed who has conducted the topographical survey of the lease area.

PLATES:

1.0 Key plan:

- 1.1 Key plan shall be prepared strictly as per the extant provisions specified under rule 32(5)(a) of MCDR 2017.
- 1.2 Location of the lease area is not matching with the reference of authenticated lease map.
- 1.3 Monitoring station needs to be shown in both core and buffer zone.

2.0 Legible copy of Authenticated lease plan needs to be furnished.

- 2.1 As per CCOM circular No 2/2010, a geo-referenced lease map authenticated by the competent authority needs to be submitted.

3.0 Surface plan:

- 3.1 Surface plan of the submitted document is not matching with the existing topography of the lease area. Location of BH-17 has not shown in the surface plan and all existing features needs to be shown with proper index.

4.0 Geological plan/ sections:

- 4.1 Geological litho units and features needs to be shown in plan and sections.
- 4.2 Ultimate pit limit needs to be shown in both geological plan and sections.
- 4.3 UNFC codes has not shown in the plan and sections needs to be furnished. Colour codes of feature shown in plate and index are not matching needs to be corrected.

5.0 Mine development/ production plan & sections/ dump plans & sections/ conceptual plan/ sections:

- 5.1 Geological litho units and features needs to be shown in plan and sections.
- 5.2 Ultimate pit limit needs to be shown in all year-wise development plan and sections.
- 5.3 UNFC codes has not shown in the plan and sections needs to be furnished. Colour codes of feature shown in plate and index are not matching needs to be corrected.
- 5.4 Section AA' of the geological plan and section has been drawn within the development proposal of 2019-20, whereas the same has not considered for the development section.
- 5.5 Conceptual plan and section needs to be furnished as per the revised proposal of conceptual period.

