

Scrutiny comments on examination of draft Modification of approved mining plans submitted under rule 17(3) of MCR 2016 in respect of Kamkeri Limestone Mine of B.D. Kenchareddy., over an extent of 4.49 Ha, in Kamkeri village, RamdurgaTq, Belgaum district, Karnataka State.

- 1) General:** -i) Letter of extension of the lease period upto 50 years as per MMDR Amendment Act-2015, issued by state government may be enclosed.
ii) The last approved scheme of mining was expired on 31.03.2013 & reason for not submitting scheme of mining so far needs to be discussed.
iii) It is stated that the lease has been treated as lapsed lease by state government for not operating mine for more than two years so copy of correspondence made by state government in this regard & status of lease need to be discussed and copies to be enclosed.

- 2) Details of approved Mining plan/Scheme of mining:-i)** Under this review of proposals of last approved document in respect of exploration, excavation and reclamation etc., should be discussed.
ii) As per the office records violation cum showcase notice was issued on 04.04.2014 for violating MCD Rules -1988 and mine was suspended on 01.05.2015 by IBM Goa and suspension is still not revoked. But at para 3.4 it is mentioned that violation is not issued. This needs to be rechecked and corrected.
ii) Justification for modification in the approved mining plan needs to be given.

- 3) Geology and Exploration:** - i) As per R.T.C. the lease area is an agriculture land but at page no- 10 it is mentioned as waste land this needs to be corrected. The highest and lowest elevations of the lease area can be given.
ii) Under local geology nature of the deposit and dimension of the ore body w.r.t. lease area needs to be discussed.
iii) Dip and strike of the formation with reference to lease area to be given in whole circle bearing (Values with reference to north).
iv) Dimension of the pits given in the table at page no-13 is not matching with the length and width of the pits.

v) UPL means ultimate pit limit. In text UPL is mentioned as upper pit limit and this should be corrected.

vi) Lateral extension from the extreme boreholes may be taken based on the continuity of the deposit based on geological reasoning/certainties.

vi) The ore which is blocking in 7.5m safety zone and ultimate pit limit should be estimated under remaining resources. From conceptual sections it is observed that some quantity of ore which is blocking due to UPL is also estimated under reserves.

vii) Date of reserve estimation is not mentioned.

4) Mining:-i) Existing method of mining and EC limits are not discussed.

ii) Pit dimensions are not matching with the length and width of the pits given in the table. iii) Pit slope and ultimate pit limit in terms of length, width and depth to be discussed. iv) In the last approved document the proposed production was 35000 tons/annum and same was not achieved. However in the present submission proposal was made to produce 120000/annum, why production proposal was increased and whether necessary clearances are taken for increased production needs to be discussed.

v) In para 2(e) at page no 33 and 34 Proposed benches for the plan period and for the life of the mine, selection of site for disposal of waste and ultimate pit limit (length, width and depth) needs to be discussed. Further at page no-34 it is stated that no overburden/waste will be produced, but at page no-30 it is stated that total 12632 tons of waste will be generated in the present plan period. So the waste generated during the present plan period and during the life of the mine and site selected for disposal of waste with area and location needs to be discussed.

vi) At para 2(f), total excavation to be done, disposal of waste, reclamation and rehabilitation of the mined out area are not discussed properly.

5) Use of mineral and Mineral reject:- i) Requirement of end use industries in terms of physical and chemical composition to be discussed.

6) Progressive Mine closure plan:- i) At page no 48 at para 8.3.2 it is stated that there is no top soil during the plan period. But in the mining chapter it is stated that about 10935 cum top soil will be handled, this need to be and management of topsoil which will be handled during the plan period is to

be discussed. ii) At item no-8.3 year wise plantation proposals with proposed area and quantities to be given in the table.

iii) At page no 52 it is stated that 2,00,000 bank assurance is submitted to RCOM, IBM, Goa as annexure v. The bank assurance which is enclosed as annexure five is for Rs 1.00 lakh only and valid upto 22.06.2017. Since in the present submission category of the mine is mentioned as A others 'the minimum bank guarantee should be Rs.2.00lakh and it should be valid upto the plan period, accordingly a fresh bank guarantee should be submitted to this office before final approval.

Plans and sections:-

General:-i) As per CCOM circular No2/2010, Geo referenced cadastral map complying all the requirements need to be submitted.

Key plan:- i) Scale is not properly mentioned. ii) Lease area is not properly marked on the key plan.

Surface plan:- i) :- surveyor signature with certificate number and date is not there on surface plan. ii) The R.L.s and contours given in the plans is not matching with the contour values show in the key plan pertaining to lease area.

Geological plan and cross sections:-i) Name of the plate is mentioned as surface plan instead of surface geological plan.(Refer plate IIB).

i) Dip and Strike of the formation is not shown on the surface geological plan. ii) The reserves/resources estimated under different UNFC classifications are not properly marked on Geological cross sections. Ultimate pit limit shown on conceptual sections and geological cross sections are mismatching. As per the comments given in the geology and exploration chapter reserves which are blocking b/w 7.5m safety zone and UPL should be estimated under remaining resources accordingly UNFC code should be given. iii) Collar level, depth and inclination of the drilled borehole should be marked on Geological plan and sections.

Production and Development plan:-i) For the year 2016-17 production proposal is shown on section D-D' also but cross section D-D' is not enclosed. ii) Proposed benches are not properly marked on cross sections.

Environment plan:- Plantation made in the lease area is not shown.

Conceptual plan:- Proposals of Reclamation and rehabilitation and safety measures taken are not marked on conceptual plan and sections.