

भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय खान नियंत्रक का कार्यालय

No. MPM/OTFM/01-ORI/BHU/2016-17/1703

Plot No. 149, Pokhariput
Bhubaneswar – 751 020
Date: 30.05.2016

To

Shri Biswanath Agrawal,
Power of Attorney Holder,
M/s R. V. Enterprisers Pvt. Ltd.
Plot No. Y/17, Civil Town Ship,
Rourkela, Dist- Sundargarh-769004

Sub: Approval of Modification of approved Mining Plan of Badakuchulu Lst & Dol Mine along with Progressive Mine Closure Plan (PMCP), over an area of 64.993 Ha. in Sundargarh district of Odisha State, submitted by M/s R. V. Enterprisers Pvt. Ltd. under Rule 22(6) of MCR, 1960.

Ref: - i) Your letter No. Nil dated 11.04.2016.
ii) This office letter of even no. dated 22.04.2016.

Sir,

This has reference to the letter cited above on the subject. The draft of Modification of approved Mining Plan along with Progressive Mine Closure Plan (PMCP) has been examined in this office based on site inspection carried out by Shri N M Dey, Assistant Mining Engineer, on 18.05.2016. The deficiencies observed are enclosed herewith as Annexure I.

You are advised to carry out the necessary modifications in the draft Modification of approved Mining Plan along with Progressive Mine Closure Plan in the light of the comments vide Annexure I and submit **two (2) firm bound and two (2) soft copies of the document text in CD in a single MS Word file (the drawing/plates in Auto CAD compatible format or JPG format in resolution of 100x100 pixels on same CD)** within 30 (thirty) days from the date of issue of this letter, for further necessary action. If the total page of annexures exceeds 50 (Fifty) then it should be submitted as separate volume. But reference of these annexures must appear in the Modification of approved Mining Plan document. The plates are also to be submitted in separate volume.

The para-wise clarifications and the manner in which the deficiencies are attended should invariably be given while forwarding the modified copies of the Modification of approved Mining Plan along with Progressive Mine Closure Plan. It may be noted that no extension of time in this regard will be entertained and the Modification of approved Mining Plan along with Progressive Mine Closure Plan will be considered for rejection if not submitted within above due date . It may also be noted that if the deficiencies are not attended completely, the submission would be liable for rejection without further correspondence.

भवदीय / yours faithfully,

(M BISWAS)

क्षेत्रीय खान नियंत्रक / Regional controller of Mines

1 stamp
31.5.16

Scrutiny comments in respect of Modification of Approved Mining Plan including Progressive Mine Closure Plan (PMCP) of Badakuchulu Limestone & Dolomite Mine over an area 64.993 ha in Sundergarh district of Odisha state, submitted by M/s R V Enterprisers Pvt. Ltd. under Rule 22(6) of MCR, 1960 for the period 2016-17 to 2020-21.

INTRODUCTION:

1. On the front page, at page no. 4 and other pages it is mentioned that "Mining Lease area was executed on 10.12.2014 for next 20 years from 10.12.2014 to 09.12.2034".

As per Section 8A (3) of the MMDR Amendment Act 2015, henceforth all the mining leases granted before the commencement of this act shall be deemed to have been granted for 50 years, correction to be made accordingly. Supplementary lease deed may be prepared / executed.

2. Consent letter, Certificates etc. should be submitted on original Letter Head of the lessee.

3. All annexures should be given appropriate page number.

1.0 GENERAL

(a) Registration number of the Mine Owner under Rule 45 of MCDR (Amendment) Rules, 2011 has not been mentioned. Fax and E mail id of the lessee has not been mentioned.

(b) Lessee M/s R V Enterprisers Pvt Ltd is a Company registered under Indian Companies Act 1956, a copy is to be submitted.

(c) In the General Irrevocable Power of Attorney, it is mentioned that "**we** M/s R V Enterprisers Pvt Ltd **represented** through its Director Shri Bikram Kapoor do hereby nominate, constitute and appoint Shri Biswanath Agrawal as **our** true and lawful attorney for our said company etc", In this connection resolution passed in favour of Shri Bikram Kapoor in the Board of Directors meeting of M/s R V Enterprisers Pvt Ltd, is to be submitted.

(d) The MCR' 1960 has now been repealed by MCR'2016 on 04.03.2016, where in the provision of RQP has been dispensed with. As per Rule 15 of the MCR'2016 any person having requisite qualification and experience can prepare Mining Plan etc. Therefore, this Mining Plan should be supported with the qualification and experience of the person who has prepared the document.

2.0 LOCATION AND ACCESSIBILITY

1. Latitude and Longitude of all corner boundary pillars / points have not been mentioned in the text in boundary description and in the Surface Plan etc.

2. Name of leaseholder is to be mentioned instead of mentioning "ref Para – 1.1 of Chapter -1"

3. DGPS map has not been enclosed with the document.

4. Location of lease is not matching properly in Key Plan.

5. An undertaking should be submitted that, the lease boundary demarcation on the basis of geo-referenced cadastral map to be prepared by the ORSAC / any agency approved by the State Government will be treated as the actual lease map.

6. The Surface right acquired area has not been mentioned in the text and also not marked on surface plan & geological plan etc..

PART – A

1.0 GEOLOGY AND EXPLORATION

1. At page no.12 & 14, it is observed that for assessment of resources, the data of 06 Trial Pits have been considered and 08 numbers of geological cross sections have been prepared showing disposition of the deposit with respect to the surface exposure and trial pits on 1: 1000 scale at 100 m interval across the lease area from boundary to boundary. This should be corroborated with documentary evidence in respect of name of agency, order for the work, cost involved, and payment details by the lessee etc. with copy of form J & K maintained as per rule 47 & 48 of MCDR. Prospecting report should be submitted on the basis of which reserve has been estimated. The chemical analysis report of the mineral has not been submitted.

2. Documentary proof for chemical analysis of limestone and dolomite samples for reserve estimation may be submitted. It should be from NABL accredited lab or Govt. lab.

3. It is observed that this document has not been complied with the Minerals (Evidence of Mineral Content) Rules, 2015. The exploration carried out is not sufficient.

4. It is found that the reserve estimation is not in order in view of existing exploration input. As such exploration input, reserve estimation etc, have been dealt in casual manner. Without having established reserves on the basis of exploration input, the chapters subsequent to geology has therefore no relevance.

5. The details of exploration already carried out along with supporting data and the area explored under different level of exploration may be marked on the geological plan and UNFC code for area considered for different categories of reserves / resources estimation may also be marked on geological cross sections.

A summary of lease area explored as per UNFC norms indicating G1, G2, etc. should be given in the following format.

Item	of	Lease area explored as per UNFC norms(in ha) as on dated....						Remarks / Comments including reasons for not carrying
		Total Lease Area = A+ B+ C+D+E						
		G1 Leve	G2 Level	G3 Level	Explored and found non-mineralised	with	Unexplor ed Lease	

information	1			level of exploration (Remarks)	Area	out the exploration as per UNFC norms.
	A	B	C	D	E	
Lease Area as per level of exploration						
No of BH drilled						
No of BH considered for Resour estimation						
Meterage Drilled						
Grid interval						
Scale of Mapping						
Reserve estimated after above exploration as on dated.....						
Remaining Resource after above exploration as on dated....						
Total Reserve / Resource after above exploration as on dated...						

Exploration proposed and carried out :								
Years	Exploration proposed			Achieved / Carried out			Gap in exploration, if any	Remarks / Reason for gap in exploration
	No of BHs	Grid interval	Meterage Drilled	No of BHs	Grid interval	Meterage Drilled		

6. Expenditure incurred in various prospecting operations like trial pits etc. to be submitted.
7. Exploration proposal should be given for entire lease area and the same should be completed within this scheme period as per directive of ministry of mines vide letter number 10/75/2008-MV dated 23rd Dec 2010. An undertaking to complete exploration in time bound manner should be enclosed.
8. The life of the mine as estimated is unrealistic as the reserve is not defined as per rule.

2.0 MINING

1. Since exploration input is well below the desired norm of rule and reserve not defined, mining operation may be unscientific and its proposal not acceptable. Necessary modification be incorporated accordingly.

2. It is observed that some human settlements are inside the mining lease towards north of TP-4. Precautionary measures to be adopted during blasting / mining is to be elaborated.

3.0 MINE DRAINAGE

1. A part of the pond exists in the eastern part of the mining lease area and Mandira Reservoir exists at a distance of nearly half km north of the mining lease area. Describe regional and local drainage pattern. Also indicate annual rain fall, catchment area, and likely quantity of rain water to flow through lease area and arrangement / precaution for arresting solid wash off etc from the mine run off.

4.0 STACKING OF MINERAL REJECT / SUB GRADE MATERIAL AND DISPOSAL OF WASTE.

1. The dimensions of all existing dump, their area along with number of terraces & their levels to be furnished as per following table. Steps proposed to be taken from the beginning of this plan period for their rehabilitation to be spelt.

Name of the Mine						As on date:		
Sl No.	Dump Number	Location	Length	Width	No. of Terraces	Top mRL	Bottom mRL	Grade

5.0 USE OF MINERAL AND MINERAL REJECT

In the interest of mineral conservation, the requirement of end-use industry specifically in terms of physical and chemical composition should be described.

6.0 PROCESSING OF ROM AND MINERAL REJECT

1. In view of no acceptable mining proposal this is not applicable.

7.0 OTHER

In the Employment potential the requirement of Mining Engineer and Geologist have been proposed. The requirement of Mine Surveyor has not been proposed. Since the mine is a Category A (OTFM) mine Mine Surveyor is required for systematic & scientific working of the mine.

8.0 PMCP UNDER RULE 23 OF MCDR, 1988.

1. Name of persons, designation with address and phone along with respective responsibilities should be detailed under disaster management & Risk Assessment
2. Protective measures proposed should be given in tabular form.

PART B

9.0 Certificates / Undertakings / Consents

A. CONSENT LETTER / UNDERTAKING / CERTIFICATES FROM THE APPLICANT:

All the documents as required under item no.01 to 04 are to be submitted with the document.

10. List of the Plans and Sections to be submitted :

- a. Latitude and longitude of all boundary points should be mentioned on surface plan.
- b. Surface right acquired area is not demarcated over plans & also not clarified in the text. Surface right acquired area may be marked on Lease plan, Surface plan & Geological plan for clarity.
- c. It is also observed that one newly constructed road is passing through the mining lease area, the same has not been shown in the Surface plan etc.
- d. Surface Plan has not been signed by Mine Surveyor with date and certificate number.

11. List of documents to be annexed :

All the documents as mentioned in the format for MP /SOM to be enclosed in the document

1. Consent letter , Certificates etc should be submitted on original Letter Head of the company.
2. Certificate of surveyor has not been enclosed with the document
3. The chemical analysis report of the mineral should be enclosed. The test report from NABL accredited laboratory should only be acceptable.
4. Some photographs of ML boundary pillars showing pillar name and its co-ordinates,, mining, environmental protection aspects and other allied activities of the mine should be enclosed.