



भारत सरकार GOVERNMENT OF INDIA
खान मंत्रालय MINISTRY OF MINES
भारतीय खान ब्यूरो INDIAN BUREAU OF MINES
क्षेत्रीय खान नियंत्रक के कार्यालय
OFFICE OF THE REGIONAL CONTROLLER OF MINES



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Plot No.149, Pokhariput

BHUBANESWAR-751020

No FMCP/A/04-ORI/BHU/2020-21

दिनांक / Date: 11.01.2021

To

Shri Probodh Mohanty, Lessee,
Legal heir of Shri S. N. Mohanty,
Raikela Iron Ore Mine,
Weigh Bridge Road, Post Box No-21,
Post- Barbil, Dist-Keonjhar,
Pin-758035, Odisha.

Sub: Final Mine Closure Plan of Raikela Iron Ore Mine over an area of 18.315 ha in Sundargarh district of Odisha of Shri Prabodh Mohanty submitted under Rule-24 of Mineral Conservation and Development Rules, 2017.

- Ref: -i) Your letter no. PM/BBL/BO/IBM/245/2020 dated 17.12.2020 received on 21.12.2020.
ii) This office letter of even no. dated 21.12.2020.
iii) This office letter of even no. dated 21.12.2020 addressed to the Director of Mines, Govt. of Odisha, copy endorsed to you.

Sir,

This has reference to the letters cited above on the subject. The draft Final Mine Closure Plan (FMCP) has been examined in this office based on site inspection carried out on 03.01.2021 by Shri G. C. Sethi, Deputy Controller of Mines. The deficiencies observed are enclosed herewith as Annexure-I.

You are advised to carry out the necessary modifications in the draft Final Mine Closure Plan in the light of the contents vide Annexure-I and submit **three (3) firm bound and two (2) soft copies of the document text in USB Pendrive/Flashdrive in a single MS Word file (the drawing/plates should be submitted in Auto CAD compatible format and JPG format in resolution of 100x100 pixels on same USB Pendrive/Flashdrive)** with financial assurance under Rule 27 of MCDR' 2017 within 15 (fifteen) 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 Final Mine Closure 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 Final Mine Closure Plan. It may be noted that no extension of time in this regard will be entertained and the Final 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,

(HARKESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

Copy for kind information and necessary action to:-

1. Shri Lingaraj Sahoo & Shri Tushara Kanta Sahu, Qualified Person, At-Gobindpur, Post-Kalabuda, District-Sundargarh, Pin-754153, Odisha.

(HARKESH MEENA)
क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

SCRUTINY COMMENTS ON EXAMINATION OF FINAL MINE CLOSURE PLAN IN RESPECT OF RAIKELA IRON ORE MINE OF SHRI PROBODH MOHANTY LEGAL HEIR TO LATE S.N.MOHANTY, OVER AN EXTENT OF 18.315 HECTARES, LOCATED IN VILLAGE RAIKELA, UNDER KOIRA TAHASIL OF SUNDARGARH DISTRICT OF ODISHA STATE, SUBMITTED UNDER RULE 24 (1) OF MCDR, 2017.

- (1) In the front cover, the FMCP has been submitted under rule 24(1) of MCDR, 2017, whereas, the provision of section 8A of MMDR Act, 2015 may also be indicated. In the front cover, the FMCP proposal has been submitted for five years period from 2020-21 to 2024-25, instead the proposal should be restricted only for two years period from 2021-22 to 2022-23. Accordingly, corresponding modifications may also be made in connected paras in the text and also in relevant plates submitted along with the document.
- (2) The applicant/lessee has not signed the consent letter enclosed along with the document, which is a must; thereby the signed consent letter from the applicant should be submitted. Besides, the certificate from the qualified persons has not been properly filled, thereby necessary corrections /incorporations may be made accordingly.
- (3) In the certificate from the qualified persons, the provisions of section 8A(6) of MMDR Act, 2015 & MCDR, 2017 should be incorporated and necessary corrections may be made accordingly.
- (4) There are many pages in the enclosed annexure side are not legible, thereby all such pages should be replaced by the legible copies for more informative.
- (5) The copy of the supplementary lease deed has been enclosed as annexure-5, whereas, the copies of initial/renewed lease is missing, which should also be submitted.
- (6) The plate for geo referenced map has not been submitted along with the letter enclosed as annexure-8 for the purpose, which should be submitted.
- (7) The Form-J for the boreholes to be drilled during 2018-19 has been furnished in the enclosed annexure16, instead the drilled status of boreholes against approved proposal given in the review of mining plan and modification of mining plan during the last five years to be furnished as required under the statute and requirement of MCDR, 2017.
- (8) The chemical analysis report in support of the grades of iron ore has been furnished in the enclosed as annexure-but the NABL accreditation certificate in support of the analytical laboratory has not been submitted.
- (9) The ID proof and address proof of the applicant enclosed as annexure-20 is not legible, thereby fresh and legible copy of the same should be submitted replacing the enclosed one.
- (10) The compliance of conditions imposed while execution of lease deed, approval of mining plan, MOEF, SPCB may be submitted with remarks, if any deficiency is observed. The relevant document may be attached as annexure top the FMCP.
- (11) The balance reserves/resources as on 01.09.2020 have been not furnished separately for forest and non-forest area as per guidelines, which should be furnished on the basis of valid approved modification of mining plan. (Para 2.2.2)
- (12) The co-ordinates of corner boundary pillars should be furnished in terms of latitude and longitude with UTM co-ordinates at the relevant places.
- (13) The updated information of the exploration as on 01/04/2020 for the year 2020-21 to be furnished with intimation of Form-I under rule 47 of MCDR2017.
- (14) Quantity of overburden/waste backfilled, dumped as per guideline in terms has not been furnished in the relevant places as the mine was under operation for some day during 2020-21.
- (15) Quantity of mineral reject generation from the mine has not furnished in terms of mineral reject generated, utilized and stacked.

(16) Suitable protective measures on account of reclamation & rehabilitation for 2021-22 & 2022-23 need be furnished in relevant places.

(17) Total lease area explored under different categories is not furnished in forest and non-forest. On the basis exploration carried out during 2019-20, explored lease area has not been updated and chemical analysis from NABL accredited lab has not been furnished. As per the requirement, information should be furnished accordingly below:

Sr no.	Modifying factor	Brief details of the applicable factors causing blockage of resources	Blocked resources (in T)	UNFC category
1	Technical factors			
2	Statutory factors			
3	Market or economy related factors			
4	Others			
Total Blocked Resources (in T)				

(18) The enhancement of reserve & resources may be updated on the basis of exploration carried out as on 01.04.2020 and revised explored area under G1/G2 may be furnished in relevant paras.

(19) Details of top soil and waste/OB/MR etc. disposal manner during the closure period of one year should be furnished in revised format as below:

Year	Top soil (cu.m)		OB/Waste (cu.m)	
	Top soil reuse	Top soil storage	Backfilling	Dumped
I				
Total				

(20) The FMCP has not been prepared as per the guidelines specified for the purpose. Therefore, in view of the above, the rectification of the scrutiny items furnished below may also be incorporated in the FMCP document after correcting the FMCP Format.

(21) Briefly describe the proposed dumping ground within lease area be proved for presence or absence of mineral with reference of bore holes data in the relevant paras.

(22) The details of the reclamation/rehabilitation programme during the final closure also be submitted for the year 2021-22 & 2022-23. The proposals may be supported with yearly plan and sections depicting the progress in the activities for land restoration/ reclamation/rehabilitation, afforestation etc. called "Reclamation Plan".

(23) Describe the proposals to be implemented for securing the excavation /pits /mineralized dump or mineral rejects stacks/fine stacks by means of fencing etc. Explain the safety measures implemented to prevent access to surface openings, excavations etc. The lessee should ensure fencing of any excavation endangering fall of persons/cattle etc. in terms of rule 26 of MCDR2017. The proposal may be supported with yearly plan and sections depicting the progress in the activities for protective measures like fencing etc. called "Reclamation Plan".

(24) The active dumps should be proposed with extension of retaining wall and garland with settling tanks with proper terracing and stabilization of slope. The dead dumps should be proposed for fully rehabilitation by plantation and with gap plantation if necessary. The proposed and existing retaining wall, garland drain and settling tanks should be clearly marked year wise on reclamation plan.

(25) The details of existing infrastructure available in the lease area should be furnished in tabular form and their present value after depreciation. Further their future utilization should be evaluated on case to case basis. The de-commissioning cost and final value of the decommissioned infrastructural facilities if any may be furnished. Accordingly, de-commissioning of mining

machineries and their possibility of post mining utilization if any may be described in connected paras.

(26) The economic repercussions due to closure of mine have not been explained properly. Besides, number of local residents employed in the mine, compensation, satellite occupations should be describe considering the impact of closure of mines in relevant paras.


(27) All the plan & sections submitted along with the FMCP should be certified by the Qualified Person indicating that, the plans and sections are prepared based on the lease map authenticated by the State Govt. of Odisha and found to be correct.

(28) Plate-IVI (Surface Plan): An updated surface plan with latitude, longitude of all corner pillars should be furnished. Few pillars may be correlated with some permanent ground features giving distance and direction.

(29) Plate-V & VI (Geological Plan and Geological Sections): An updated Geological plan and sections considering the exploration carried out in proposed period plan upto date should be furnished. Besides, the mineralised area should be shown distinctly on geological plan and sections. Different level of exploration like G1, G2, G3 etc. in line with MEMC rule 2015 to be depicted on geological plan and UNFC codes should clearly furnished in sections.

(30) Plate-VII(Environment Plan): All existing features available within 500m radius of the lease area should be clearly marked on this plan.

(31) The proposed land degradation status of the PMCP proposal of the modification of the mining plan approved for 2017-18 to 2021-22 and the proposal furnished on the above account in the FMCP are not matching with each other, thereby the mismatch should be reconciled.


06-11-2021

(G. C. SETHI)

Deputy Controller of Mines