



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



By Speed Post/E-Mail
Phone: 0674-2352463;
Tele Fax: 0674-2352490;
eMail:
ro.bhubaneswar@ibm.gov.in
Plot No.149, Pokhariput
BHUBANESWAR-751020

No. MPM/A/40-ORI/BHU/2020-21

दिनांक / Date: 10.03.2021

To

Shri C.S. Grewal, Proprietor,
M/s National Enterprises,
Post Box No-44, Barbil,
Dist-Keonjhar, Odisha.

Sub: Modification of Mining Plan of Adaghat Iron Ore Mine over an area of 15.074 ha in Sundargarh district of Odisha of M/s National Enterprises submitted under Rule-17 (3) of MCR,2016.

Ref: - i) Your letter no. NE/BBL/20-21 dated 25.02.2021 received on 05.03.2021.
ii) This office letter of even no. dated 05.03.2021.
iii) This office letter of even no. dated 05.03.2021 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 Modification of Mining Plan along with Progressive Mine Closure Plan has been examined in this office based on earlier site inspection carried out on 06.02.2021 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 Modification of Mining 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)** 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 Modification of 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 Mining Plan. It may be noted that no extension of time in this regard will be entertained and the Modification of Mining 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 S. K. Swain, Qualified Person, The Techno Chamber, Plot No-16/5, Cuttack Road, Behind Bhubaneswar Hotel, Bhubaneswar, Odisha-751006.

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

SCRUTINY COMMENTS ON EXAMINATION OF MODIFICATION TO REVIEW OF MINING PLAN OF ADAGHAT IRON ORE MINE OF SHRI CHARANJIT SINGH GREWAL, PROPRIETER OF M/S NATIONAL ENTERPRISES, OVER AN EXTENT OF 15.074 HECTARES, LOCATED IN VILLAGE ADAGHAT UNDER KOIRA TAHASIL OF SUNDARGARH DISTRICT OF ODISHA, SUBMITTED UNDER RULE 17(3) OF MCR, 2016.

(1) The copy of the proceedings enclosed as annexure-II is not clearly legible, thereby a fresh & legible copy of the same should be submitted, replacing the enclosed one for more informative.

(2) On examination, it is found that, the lease was executed on 11.01.2017 and the mining operations first commenced on 04.01.2020 but the implementation status of MDPA, which has been enclosed as annexure-III (A) has not been furnished. Therefore, the compliances and correspondence made with the State Govt. may also be submitted.

(3) The copy of the approval letter of the mining plan, dated 13.05.2004 and modification to the mining plan, approved on 27.09.2010 is stated to be enclosed as annexure-IV, whereas in the enclosure side only the copy of the approval letter, dated 27.09.2010 has been enclosed. Besides, the copies of the approval letters for the mining plan/review of mining plan approved in different occasions is required to be submitted.

(4) The copy of the environmental clearance from SEIAA is stated to be enclosed as annexure-VI but in the enclosure side, the copy of the forest diversion proposal is enclosed, thereby the same should be reconciled.

(5) The copy of the surface right order is stated to be enclosed as annexure-VII, but in the enclosure side, the copy of the environmental clearance from SEIAA is found enclosed.

(6) The copy of the consent order, dated 03.01.2020 enclosed as annexure-VIII, expires on 31.03.2021 but status of further clearance to operate the mine on regular basis has not been enclosed, which should be submitted for ease in monitoring.

(7) The copy of the registration number from IBM is stated to be enclosed as annexure-IX but no such registration number is found enclosed along with the aforesaid annexure.

(8) The I.D proof is legible but the address proof enclosed along with the annexure-X is not clearly legible, thereby the same should be replaced by fresh & legible copy for more informative.

(9) The GST registration certificate is considered as the address proof of the company as indicated in the enclosed annexure-XI; instead the certificate of incorporation of the company as per the companies Act, 1956 should be submitted.

(10) The provisional certificate for passing the M.Sc. degree in geology has been enclosed along with the annexure-XII; instead the copy of the academic qualification certificate issued by the concerned university should be submitted. Besides, the ID proof in support of him may also be enclosed. The RQP certificate enclosed must be detached.

(11) The notice in Form-I for drilling 6 nos. of boreholes is enclosed as annexure-XV but the Form-J mentioning the litho logs for already drilled boreholes are not furnished. Therefore the drilled holes are coring or non-coring type may also be indicated. Besides, the authenticated chemical

analysis for such drilled boreholes are also not submitted. Moreover, atleast 10% of the drilled boreholes should be analysed through 3rd party NABL accredited laboratory or from Govt. laboratory as required under the statutes.

(12) The financial assurance calculations is not matching with the extent of area put to use in different counts, which should be rectified

(13) Authenticated recovery test report for different type and grades of the iron ore has not been enclosed, which should be obtained either from NABL accredited laboratory or from Govt. laboratory and submitted.

(14) In case of individual or partner, a declaration/affidavit should be submitted to know whether he is working in other firms/company/organization etc.

(15) The bulk density report enclosed along with the enclosed annexure-XVI is confusing, thereby the actual bulk density taken into consideration for computation of reserves/resources as well as production of ROM, saleable, generation of mineral rejects and volume of waste to be specified.

(16) The analysis report for so called bore holes data enclosed as annexure-XVII has been analysed based on the labels of the samples received by the analytical laboratory, which is not acceptable, instead the entire litho logs of the particular borehole to be analysed, which should be atleast 10% of the number of boreholes drilled and that of 10% data should be analysed through 3rd party NABL as required under statute.

(17) The ambient air quality analysis, noise level & surface water analysis report only for two quarters of the year has been submitted as annexure-XIX, instead the same atleast for last four quarters to be submitted. Moreover, the analysis for flue gas, effluent, soil & vibration level monitoring reports has not been enclosed and the data for the same for all four seasons may also be submitted for ease in monitoring.

(18) The copy of agreement done between M/s National Enterprises and M/s D.K. Ghose for procurement of explosives and carrying out blasting operations in Adaghat Iron ore Mine of M/s National Enterprises is enclosed as annexure-XXII but the explosive procurement license in support of M/s D.K. Ghose has not been submitted. Besides, on expired explosive procurement license Shri S.K. Kamaluddin has been enclosed, which is not acceptable. Therefore, the required document needs to be submitted. Besides, a copy of the blasters license issued by the competent authority for carrying out blasting operations may also be submitted.

(19) In the consent letter from the applicant, the applicant has authorised the qualified person for preparation of review of mining plan under rule 17(3) of MCR,2016,which should be checked and correct sub-rule of rule 17 be mentioned. Moreover, the consent letter and other certificates submitted by the applicant, the name of the applicant is missing, should be mentioned. Likewise, the certificate from Qualified Person may also be corrected accordingly.

(20) In the table furnished in the para under reference, the approval status of review of mining plans and modification of the mining plans approved in other occasions are missing, which should be furnished and the table may be revised. Accordingly, corresponding changes may also be made in other places of the document. (Para 3.1)

(21) The proposed and actual achievements status on account of exploration, development, production, sub-grade/mineral rejects generation, waste generation, dumping, reclamation, rehabilitation & plantation etc. for the period 2016-17 to 2019-20, which should be carefully examined and real data against each row and columns should be furnished, for which the very purpose of modification of mining plan has been submitted. Accordingly, corresponding changes may also be made in connected paras in the text of the document. (Para 3.3.1)

(22) The entire lease area should be proposed under exploration atleast up to G2 level during the year 2021-22 as per the requirement of MCDR, 2017 & the exploration proposal furnished in the para under reference may also be revised. Accordingly, necessary incorporations /modifications may also be made in other relevant places of the document & relevant plates. [Para 1.0(i)]

(23) The status existing quarries & dumps should have been furnished in the chapter geology and exploration. While calculating the reserves/resources, the existing quarry status should have been taken into account. The status and location co-ordinates for the quarry & dumps should be furnished. Moreover, nothing has been mentioned about the existing status of reclamation, rehabilitation, afforestation etc., which should be given and the para may be revised. [Para1.0 (j)]

(24) There are so many stacks for are made for screened fines and mineral rejects, it is to mention that, all the fine stacks are temporary by nature, thereby provisions for so many existing fines stack may create problems and the are sable in due course of time. If it happens to remove such stacks, the applicant has to submit modification of mining plan as per the statute. Therefore, suitable proposal for stacking 7 dumping may be envisaged. (Para 2.0.4)

(25) (i) Under the heading In-situ Tentative Excavation, the following observations are made: (i) The recovery percentage of the iron ore, mineral rejects generation & waste generation is missing. (ii) The grades of iron ore, mineral reject and the waste may also be furnished supported by authenticated chemical analysis report. Accordingly, corresponding incorporations /modifications may also be made in connected paras in the text & relevant plates. [Para 2.0(b)(l)]

(26) Plate No. I(Key Plan): The details of the deficiencies found on the plate are as follows: (i) The index reference given for lease area is not matching with that of the plan portion of the plate. (ii) The index for the different type of roads shown on the plan is missing, which should be suitably indexed. Besides, road is for village road or for mine road or for public road may also be specified (iii) Direction of flow of nala is missing on the plan. (iv) Type of forest land available in the area may also be specified.

(27) Plate No. II (DGPS Surveyed Map): (i) The covering letter of Geo referenced map/DGPS Surveyed map signed by the competent authority of ORSAC has not been enclosed. (ii) The mining lease has been granted and executed over an extent of 15.074ha but the Geo referenced map/DGPS Surveyed map has been prepared, over an extent of 15.111ha, which is not matching with the extent of lease area. (iii) Further DGPS map of the lease area should be certified by the State Govt. authorities.


(28) Plate No. III (Surface Plan): Many of the index reference given are not matching with that of the plan portion of the plate; thereby necessary corrections/modifications should be made accordingly. Besides, so many stacks shown as existing must be revised suitably for systematic & scientific mining.

(29) Plate No. IV (Geological Plan): (i) As per the requirements new Minerals (Evidence of Mineral Contents) Rule, 2015, the level of exploration at different stages (G1, G2, G3, G4) and unexplored area should be properly defined in tabular format and the same should be marked on the geological plan. (ii) The exploration proposal covering the entire lease area to the G2 level of exploration should be proposed and the same should be completed by 2021-22. Besides, certain boreholes also to be proposed adjacent to those boreholes which were terminated within the ore zone with the purpose to prove the depth continuity of the ore body. Accordingly, necessary modifications/incorporations may also be made in Geology and Exploration chapter.

(30) Plate No. IV(A) (Geological Sections): (i) None of the geological sections are matching with the features shown on the geological plan. (ii) Many of the litho units depicted on the plan are found to be not correct as per their locations. Accordingly, the plate submitted for all the geological sections may also be revised suitably.

(31) Plate No. V (Development, Dump Pan & Sections): The entire leased out area has been covered by making so many stacks, which is not proper instead, suitable proposal should be envisaged in such a way that, the span of the mine can be enhanced for the lease period of 50 years. Moreover, the proposed dumping & stacking site has not been proved for its barrenness. Accordingly, the plates submitted for, reclamation plan, conceptual plan & sections and financial assurance plan may also be revised.

(32) Plate No. VI (Environment Plan): All existing features available within 500m radius of the lease area should be depicted & the plates may be revised accordingly.


09-03-2021

(G. C. SETHI)

Deputy Controller of Mines