



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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No. RMP/A/19-ORI/BHU/2020-21

Date: 13.10.2020

सेवामे

Shri Nirmal Kumar Bathwal, Nominated Owner,
M/s Penguin Trading & Agencies Ltd,
Surabhi Building, 5th Floor, 8/1/2,
DR U N Bramhachari Street,
Kolkata-700017

विषय: Approval of Review of Mining Plan of Raikela & Tantra Iron Ore Mine along with Progressive Mine Closure Plan (PMCP), over an area of 49.372 ha in Sundargarh district of Odisha State, submitted by M/s Penguin Trading & Agencies Ltd under Rule 17 of MCR, 2016.

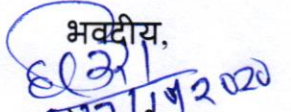
संदर्भ: - i) Your letter No. PTA/BBL/IBM/254/2020-21 dated 24.09.2020 received on 28.09.2020.
ii) This office letter of even no. dated 28.09.2020.
iii) This office letter of even no. dated 28.09.2020 addressed to Director of Mines, Government of Odisha copy endorsed to you.

महोदय,

This has reference to the letter cited above on the subject. The draft Review of Mining Plan along with Progressive Mine Closure Plan (PMCP) has been examined in this office based on site inspection carried out on 05.10.2020 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 Review of Mining Plan in the light of the contents vide Annexure 1 and submit **three (3) firm bound and two (2) soft copies of the document text in USB Pendrive/Flash drive in a single MS Word file (the drawing/plates should be submitted in Auto CAD compatible format or JPG format in resolution of 100x100 pixels on same USB Pendrive/Flash drive)** with financial assurance under Rule 27 of MCDR 2017 of the Review of Mining Plan 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 Review 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 final copies of the Review of Mining Plan. It may be noted that no extension of time in this regard will be entertained and the Review 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,

(हरकेश मीना)

क्षेत्रीय खान नियंत्रक

Copy for kind information and further necessary action to Shri Sanjib Kumar Swain, M/s Techno Chamber, Plot No-16/5, Cuttack Road, Bhubaneswar-751006.

(हरकेश मीना)
क्षेत्रीय खान नियंत्रक

SCRUTINY COMMENTS ON EXAMINATION OF REVIEW OF MINING PLAN OF RAIKELA & TANTRA IRON ORE MINE OF M/S PENGUIN TRADING & AGENCIES LTD., OVER AN EXTENT OF 49.372 HECTARES, FALLS UNDER BONAI SUBDIVISION OF SUNDARGARH DISTRICT OF ODISHA, SUBMITTED UNDER RULE 17(3) OF MCR, 2016.

(1) The copy of the approval letter of modification of mining, dated 17.01.2019, which expire on 31.03.2021 has been enclosed as annexure-VI but the copy of the approval letter review of mining plan for the block period 2016-17 to 2020-21 has not been enclosed, which should be submitted.

(2) The copy of the RQP certificate issued under MCR, 1960 has been enclosed as annexure-X, which is uncalled for and must be detached.

(3) The provisional certificate for passing the M.Sc. degree in geology has been enclosed along with the annexure-X, 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.

(4) The environmental monitoring report from April 2019 to September 2019 from Cleenviron Private Ltd., has been enclosed as annexure-XIV but the report is very old one & not acceptable in its present form, thereby the fresh report for the same for all four quarters of the current year analysed through any of the NABL Accredited laboratory or from Govt. laboratory should be submitted replacing the enclosed one for ease in monitoring.

(5) The copy of the valid Bank Guarantee enclosed as annexure-XV, expires on 31.03.2021, thereby a fresh bank guarantee for the extent of area put to use in different counts for the ensuing review of mining plan period, 2021-22 to 2025-26 should be submitted replacing the enclosed one for clarity.

(6) No photographs in support of reclamation & rehabilitation /afforestation etc. have been enclosed along with the document, which should be submitted.

(7) Form-J & litho logs for few already drilled boreholes are enclosed as annexure-XVIII but the holes are coring or non-coring type has not been mentioned. Besides, authenticated chemical analysis for the drilled boreholes 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.

(8) The chemical analysis report enclosed as annexure-XIX are stated to be representing samples of collected from the already drilled boreholes in the contents of the list of annexure for which the Form J has been submitted but in the enclosure side, it is for sized and crushed iron ore, thereby correct data for drilled boreholes to be submitted. Moreover, valid NABL accredited certificate for the concerned analytical laboratory may also be submitted.

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

(10) The copy of the explosive procurement license issued by the competent authority in favour of M/s Penguin Trading & Agencies Ltd., has not been enclosed. Besides, a copy of the blasters license issued by the competent authority for carrying out blasting operations may also be submitted.

(11) The registration certificate issued by the Register of Companies has not been enclosed and the same is required to be submitted.

(12) The copy of the recovery test report is stated to be enclosed as annexure-XX & XXIII but the same is not to be seen in the enclosure side. [Para 4.6, page No. 12]

(13) There are 15 nos. of boreholes were already drilled but the original borehole logs & authenticated analysis report in support of such holes has not been enclosed, which should be submitted. Besides, the extent of lease area already explored by putting the boreholes & the grid pattern of such bore holes may also be submitted. Accordingly, the table furnished in the para under reference may also be revised. [Para 1.0(e)]

(14) The entire lease area should be proposed under exploration atleast upto G2 level & the exploration proposal furnished may also be revised suitably. Accordingly, necessary incorporations/modifications may also be made in other relevant places of the document & relevant plates. [Para 1.0(i)]

(15) 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. [Para 1.0 (j)]

(16) (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(a)(I)]

(17) The location coordinate of the waste disposal should be indicated and the para may be revised accordingly.

(18) In all the plans & sections submitted along with the review of mining plan should be certified by the qualified person indicating that, the plan & sections are prepared based on the lease map authenticated by the State Govt.

(19) Plate No. 01(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. (v) Besides, 25cm long scale also not drawn.

(20) Plate No. 01(A): There are some additional features are depicted, which should be erased for more informative.

(21) In the contents for list of plates, there are two plates viz. Geo-cadastral map by ORSAC & land use plan by ORSAC but the names of the plates submitted along with the RMP is different, thereby

necessary correction should be carried out. Besides, the plates have not been numbered for its identity.


(22) Plate No. 02 (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.

(23) Plate No. 03 (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 2018-19. 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.

(24) Plate No. 06C (Back filling and Mineral rejects plan & sections): Separate plates for stacking of mineral rejects and showing the back filling proposals are uncalled for, which can be drawn in the composite development & sections and also in yearly development plan & sections. Moreover separate development plan & sections for common boundary working is also not required. A surface plan showing the lease boundary of the common boundary portion of M/s Jindal Steel & Power Ltd., and M/s PTA Ltd is required to be submitted.

(25) Plate No. 12 (Conceptual Plan): All the worked out benches have been utilised for plantation but the position of the benches are missing, which should be properly depicted and the plate may be revised accordingly.

(26) Common boundary working with M/s JSPL has been proposed but the common boundary working permission from DGMS has not been submitted.


12-10-2021
(G. C. SETHI)

Deputy Controller of Mines