

Phone No. : (040)-27539992/2753993

Fax No.(TF): (040)-27539991

E-Mail : ro.hyderabad@ibm.gov.in.

No. AP/659(218)/Lst/97/NLR

To

Ms.Lakshmi Apama Sreekumar, Nominated Owner
M/s The India Cements Ltd.,
Niduzuvvi Village, Yerraguntal Mandal,
YSR Kadapa District 516310 (A.P.)

Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date. 15.04.2019.

Sub: Submissionl of Modified Mining in respect of Niduzuvvi Limestone Mine of The India Cements Limited over an extent of 335.06 Ha in Niduzuvvi Village,Yerraguntia Mandal,,YSR Kadapa district,Andhra Pradesh submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter noYCP/Mines/MMP-2019 dated. 14.03.2019.

Sir,


With reference to your letter cited above on the subject, inspection of the mine was carried out on 26.3.2019 by Shri S.k.Muduli.,JMG, accompanied with Shri K.Srinivas,Q.P,Shri Ganesh Rao,Shri B.Ravi,Geologist and Shri K. Rami Reddy,Mining engineer and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e.,ccp_mines@indiacements.co.in, and vpm_mines@indiacements.co.in

02. You are advised to attend these deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (2Nos.). In this regard you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.


Enc: As above.

Yours faithfully,


15/4/19
(Shailendra Kumar)


Regional Controller of Mines

Copy to Sri K.Srinivas,Qualified Persons.


15/4/19
(Shailendra Kumar)
Regional Controller of Mines

मूल प्रति पर नहींकट्.

खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।


15/4/19
(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

Comments on the Modification to the mining plan submitted by M/s India Cements Limited in respect of it's Niduzuvvi Limestone Mine (335.06 hectare) in village Niduzuvvi Mandal-Yerraguntla, District-Kadapa.

General

1. The mining lease renewal period has expired on 16.01.2014. Subsequently the 2nd renewal of the mining lease for limestone over an extent of 335.06 Ha area favouring M/s India Cement Limited was granted by the state Govt of Andhra Pradesh vide GO Ms.No 69 dated 11.05.2017, after the amendment of MMDR Act-1957(As amended on 12.01.2015) and rules made there under. It is pertinent to mention here that after amendment of the MMDR Act-1957 there is no provision for renewal of Mining Lease, thus the status of rectification of GO be submitted.
2. The mining plan document heading be submitted as Review of Mining Plan instead of Modification of Mining Plan.
3. In the introduction chapter the rated plant capacity, vis-à-vis limestone requirement be discussed.
4. Copy of GO issued at the time of initial grant be submitted.
5. Copy of mining lease renewal deed during the CCI period be submitted.
6. Mining Lease transfer deed favouring M/s India Cement Limited be submitted.
7. Copy of signed registration certificate of company be submitted.
8. Details of last modification be submitted with reason.
9. Certificate of the qualified person be prepared in a plain paper, signed and submitted.

Review

10. In the review of compliance of violation the current status be submitted along with status of compliance of recently issued violation with supporting documents.
11. Review of plantation be submitted for extent of area over which plantation to be carried out and nos of plants to be planted.
12. Review of environmental parameters quality be submitted.

Geology

13. All the Plans be prepared on UTM grids along with highlighting the local present local co-ordinates. Year wise proposed plantation location (co-ordinates) be submitted.
14. DGPS survey reports be submitted.
15. Bench mark be established within the Mining lease and its co-ordinates and mRL should be furnished in text and shown in plans.
16. Temperature related information be submitted with source. Source of rainfall information be submitted. Minimum altitude of the mining lease area be submitted.
17. Geological features like strike and dip of the formation be demarcated in the Geological plan.
18. Sample be drawn from bore holes where it has been noted in the bore hole lithologs as conglomerate and quartzite and be analysed petro-graphically to know the rock type for establishing the correct geology.
19. Year wise block wise exploratory bore hole drilled with type and meterage drilled be submitted since inception.
20. Bore hole details be submitted clearly in tabular form indicating no of BH drilled in different phases by CCI and status of bore hole records and bore holes drilled by ICL by giving no of block wise bore holes drilled, total drilled meterage. Bore holes in respect of which no records are available should not be considered for reserves/resources estimation. Company wise drilled bore holes be shown in the Geol plan in different colour. Further the bore holes drilled in last five years be also shown in different colour.
21. Bore hole(BH) details be furnished in tabular format giving the BH No, type of bore hole, inclination, coordinates, collar RL, depth.
22. Bore hole lithologs, Geological plan and Geological section be also signed by the mine geologist.
23. Bore hole lithologs in respect of bore hole drilled in 2017-18 be furnished in detail giving type of limestone with colour and presence of other mineral association.
24. Bore hole wise mineralised zone details (Annexure-12) be furnished in tabular format giving depth, lithology and average grade. Further all the bore hole lithologs be submitted.
25. Cut off grade, ultimate pit slope and UPL limit have not been mentioned in the parameters of reserves /resources estimation and be submitted in tabular form. Safety zone of electric power line, nala, habitation, cart track and roads be considered.
26. In the Geological plan the area explored under different scale of exploration has not been marked. Geological section also be submitted in 1:2000 scale. The sectional influence and area has been

- considered in excess for reserves/resources estimation. Ultimate pit limit, BH points, safety zone, UNFC code are not clearly visible in the geological section. Ramp positions have not been demarcated in the geol plan and geol section. Further UNFC coding has not been marked properly in the Geological section. UNFC coding for resource has not been mentioned in the geological section. Geological section is not matching with the bore hole lithologs and geological plan. Bore hole lithologs are not matching with the bore hole cores.
27. The reserves have been estimated with 88.91 million tonnes of Limestone under 111 category and remaining resources estimated with 150.41 million tonnes of Limestone. Where as in the last approved mining plan the approved reserves in 111 category is 28.771 million tonnes and remaining resources 201.178 million tonnes. Reasons for such rise in reserves be justified giving details.
 28. Section wise grade of the estimated reserves/resources be submitted. Further In the reserves/resources table the sub grade quantity along with grade be estimated. Date of reserves/resource estimation be submitted.
 29. The deposit category as per UNFC and MEMC Rules-2015 be submitted.
 30. UNFC justification be submitted for separately for Economic axis (E1,E2,E3), Feasibility axis (F1,F2,F3), Geological Axis (G1,G2,G3,G4).
 31. In the feasibility axis justification costing, economic viability be justified properly. In the environmental issue column details of environmental clearance & CFO no and capacity be furnished. Costing be submitted as per the format of annual return.
 32. Feasibility report should be prepared as per the Part-V of MEMC Rules-2015.
 33. In the geological axis justification level of exploration wise area with nos of bore holes, grid pattern, meterage drilled be submitted. The area explored in G1 scale of exploration is not correct thus be submitted correctly. Further details of sampling and chemical analysis have not been submitted.
 34. Future exploration programme for drilling upto the end of mineralisation should be furnished in such a way the exploration should be carried out in the entire lease area as per the provision of rule 12(4) of MCDR-2017. Accordingly the year wise exploration programme should be proposed.

Mining-

35. Mining and allied activities should not be proposed within the disputed area of block-3 and other disputed area.
36. Details like co-ordinates, dimension, no of benches in respect of existing mining pits be submitted.
37. All the existing ramps be shown in the surface plan.
38. Blasting parameters be submitted in tabular form. Explosives used in blasting to be elaborated in detail.
39. Drilling and blasting pattern be furnished in the text.
40. Powder factor has been considered as 8 tonne/Kg is considered on higher side thus it should be justified with documentary proof.
41. Proposal be submitted to conduct ground vibration study in each month to check the ground vibration due to blasting and its effect.
42. Recovery during mine has been submitted as 95% whereas in parameters of reserves /resources estimation it has been submitted as 100%.As no waste is found within the lease, recovery in the production table be submitted as 100%.
43. Proposal be submitted to consume the limestone slab stacked in the lease after getting due permission from state govt.
44. Year wise production development plan and section have been submitted combinely. Both should be submitted separately.
45. Year wise production and blending proposal be submitted to consume low grade limestone of 1st bench with high grade limestone of lower benches.
46. Mining be proposed in such a way that there should be blending of high grade and low grade limestone to get the required grade of Limestone. The bench wise weighted average grade of proposed mining block be furnished for each year needs to be furnished.
47. Bench parameters needs to be mentioned in the text.
48. Ultimate bench slope and ultimate pit slope should be as per the statute.
49. Details like co-ordinates, dimension, volume of low grade limestone dump be submitted in chapter-4. Top soil stacking and utilization proposal be submitted with details like co-ordinates, dimension, volume of top soil dump and location of utilization.
50. Year wise Fencing surrounding the working pits where further mining is not possible and at other places surrounding the mining pit where required be proposed.
51. Mining proposal be proposed above ground water level. For mining below the ground water table Prior permission from CGWA be submitted.

52. Hydro-Geological study in respect of the mine and impact on ground water resources be proposed in 2019-20 and report thereof be submitted.
53. The documentary support regarding Ground water table be submitted as well.
54. Environmental protection measures to control surface run off within the lease and surface run off into the working pit be proposed and shown in the reclamation plan.
55. Year wise water sump planning be proposed at one side only but not at centre. The year wise sump planning should be as per the requirement of water for dust suppression and development of green belt with co-ordinates, dimension, capacity be furnished in text and shown in plan.
56. Conceptual plan be submitted upto the expiry of the lease and the conceptual chapter should be discussed in text and shown in plan and block wise section be given in proper direction. Conceptual status of mine at the end of lease period be discussed for exploration, waste generation, pit development, land use pattern, sub grade / mineral reject generation, dumping of waste, fencing, stacking of SG and mineral rejects, afforestation, reclamation and rehabilitation be discussed correctly. The same should match with submission in plates.

PMCP

57. Base line environmental information be submitted as submitted in the application for environmental clearance.
 58. Core and buffer zone ambient Air quality, water quality and water table monitoring and noise monitoring station locations be submitted and shown in the key plan, reclamation plan. Ground vibration study be as proposed to carry out monthly.
 59. Last two quarters environmental monitoring reports be submitted.
 60. Proposal for top soil stacking be submitted with environmental protection measures.
 61. In the environmental plan the permanent features lying within the 500 m from the boundary of the lease be demarcated in the environment plan. Plantation be proposed on the 7.5m safety zone area also.
 62. The net area put to use for mining and allied activities at the start of the plan period is not matching with the submissions in the plans. Further mineral stacks, plantations have not been shown in the surface plan. Financial assurance should be assessed and submitted as per the land put to use.
- #### Plans
63. All the plans should be prepared based on the lease sketch.
 64. Further mineral stack and plantation have not been shown in the surface plan. Thus survey be done again wrt the above points and demarcated in the plans.
 65. The nallah be shown on all the plan by proper colour and the 50m safety zone should be marked. Safety zone of public roads, cart roads also be marked.
 66. All the plans and sections should be submitted as per the provision of rules 31, 32, 33 & 34 of MCDR, 2017.
 67. Standard color code should be used in respect of litho units for easy reference.
 68. Co-ordinates of grid lines should be submitted in UTM (WGS 84) in addition to the earlier local co-ordinates in all the plans and sections, for easy reference.
 69. All the plans be signed by the surveyor having Certificate of Competency of Survey from DGMS.

~~either wise submit a under processing letter from state govt where in it should be mentioned that the extension of lease period upto 31.03.2030 as per the sub-section 5 of section 8A of MMDR-1957 is under process.~~

