State Environment Impact Assessment Authority, M.P.

(Ministry of Environment, Forest & Climate Change, Government of India)

Environmental Planning & Coordination Organization

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No. 3349 / SEIAA/22
Date: 17/3/22

प्रति,

श्रीमती सुमित्रा ग्रोवर,
पत्नी श्री मदनलाल ग्रोवर
निवासी सिविल लाईन, रेस्ट हाउस के पास,
पोस्ट एव ं जिला कटनी (म.प्र.)

विषयः– प्रकरण क्र. 9025/2022 – परियोजना प्रस्तावक श्रीमती सुमित्रा ग्रोवर, पत्नी श्री मदनलाल ग्रोवर निवासी सिविल लाईन, रेस्ट हाउस के पास, पोस्ट एव ं जिला कटनी (म.प्र.) क्षमता विस्तार लाईम स्टोन एव ं डोलोमाईट माईन, उत्पादन क्षमता विस्तार लाईम स्टोन एव ं डोलोमाइट – 1,00,000 से 3,50,000 टीपीए खसरा नं. 240, 243पी., 239, 242, 182, 246 रकबा 10.01 हेक्टेयर, ग्राम अमेहटा, तहसील विजयरघौगढ जिला कटनी (म.प्र) की पूर्व पर्यावरणी स्वीकृति के लिये आवेदन।–**Prescribing of TOR**

संदर्भः–710वी SEIAA समिति की बैठक दिनांक 08.03.2022 एवं SEAC 556वी बैठक दिनांक 02.03.2022

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 556 वी बैठक दिनांक 02.03.2022 में उक्त प्रकरण में मानक एवं अन्य शर्तो (परिशिष्ट–डी) सहित ToR जारी किये जाने हेतु अनुशंसा की गई है। राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा SEAC की अनुशंसा को मान्य करते हुए प्रकरण में निम्नलिखित अतिरिक्त शर्तों के साथ अतिरिक्त ToR प्रदान किये जाने का निर्णय लिया गयाः–

1. PP shall plan to construct pakka approach road in place of Kaccha Road and also planning for alternate route for transportation of material outside the village area.
2. PP shall plan plantation along the approach road & periphery on the lease area shall be carried out in consultation with forest department and actual site photographs with all details be made part of EIA report.
3. PP shall plan to comply the minimum distance criteria considered by Central Pollution Control Board and directions issued by NGT Principle Bench OA No. 304/2019 (distance criteria for non-blasting is 100 m and for blasting is 200m distance).
4. PP shall plan for removal of zero size Gitti/dust which accumulates in huge quantity within lease area, will be incorporated in EIA report.
5. PP shall plan to minimize the ecological damage of the eco system due to mining of hillocks and proper mitigative measures of adverse impacts on the surrounding area (if any).
6. Powder/dust factor related to manual mining must be worked out and displayed in the documents. This will ensure the estimation of suspended particulate matter (SPM) generated and will help in understanding the hazardous effect on mine workers, to evaluate the potential of occupational diseases.

7. The certification/ study of rocks like limestone/sandstone/granite/stone etc. must be done (to be attached with the proposal) in order to decipher their being unfit for other industries like chemical, cement and flooring etc. thus may be used for making grit.
8. Global warming potential and carbon foot print of the mining activities and measures for its reduction should be studied and discussed in the EIA along with Energy Efficiency Measures proposed.
9. खदान मे पेड़ है, अतः वृक्षो की सूची (ट्री इंवेंट्री) प्रजाति नाम, संख्या, गोलाई एवं ऊँचाई सहित वृक्षारोपण ई.आई.ए. रिपोर्ट में प्रस्तुत करे।
10. उत्तर–पश्चिम दिशा में 30 मीटर पर हाइवे, दक्षिण दिशा में 20 मीटर पर पक्का रोड़ तथा उत्तर–पूर्वी दिशा में 40 मीटर पर आबादी है, अतः इनके संरक्षण योजना ई.आई.ए. रिपोर्ट के साथ प्रस्तुत की जाये।
11. प्रस्तावित खदान के 2.5 किलोमीटर की परिधि में कार्यरत सभी खदानो का क्यूमिलेटिव इंपेक्ट असेसमेंट किया जाये तथा ई.आई.ए. रिपोर्ट में इसका उल्लेख किया जाये ।
12. यदि भू–जल का प्रतिछेदन प्रस्तावित हो तो लीज एरिया का हाइड्रो जियोलॉजीकल अध्ययन कर ई. आई.ए. रिपोर्ट में उल्लेख करे।
13. चूँकि प्रकरण क्षमता विस्तार है, अतः भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा प्रमाणित पर्यावरणीय स्वीकृति पालन प्रतिवेदन, ई.आई.ए. रिपोर्ट के साथ प्रस्तुत की जाये।
14. चूँकि प्रकरण क्षमता विस्तार का है, अतः परियोजना प्रस्तावक द्वारा किये गए वृक्षारोपण का क्षेत्र (लेट–लॉग सहित), वृक्षारोपण की संख्या उनकी प्रजाति एवं ड्रोन द्वारा दिए गए फोटो/स्टिल फोटो एवं वर्तमान स्थिति की जानकारी, ई.आई.ए. के साथ प्रस्तुत करे ।
15. चूँकि प्रस्तावित क्षेत्र आबादी के पास है, अतः ग्राउण्ड बाइब्रेशन स्टडी कर रिपोर्ट ई.आई.ए. रिपोर्ट में इसका उल्लेख किया जाये ।

Documents to be submitted:

Environmental Consultant / PP

I. A certificate from the Consultant shall be submitted that they have been accredited by MoEF (GoI), as per OM.

II. The Project Proponent shall submit an undertaking as part of EIA report regarding data authenticity and owning the contents of EIA report as per OM dated 05/10/2011.

III. Final EIA report including public hearing and EMP various aspects should be submitted to the SEIAA.

IV. All information with supporting documents as prescribed by SEIAA in the O.M. No. 966 dated 27/01/2012 has to be furnished with the EIA report. Failing this the EIA report shall be returned to the PP.

V. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.

VI. PP should provide latest notarized copy of KhasraPanchsala (P-II) indicating ownership. If the ownership is different than a notarized copy of the agreement should be submitted. Besides, notarized copy of the lease agreement should also be submitted clearly indicating sanction period & ownership.

VII. Notarized copy of the approved mining plan.

VIII. Location of National Parks, Sanctuaries, biosphere Reserves, Wildlife corridors, Tiger reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated. A location map duly authenticated by Chief Wild life Warden and recommendation/ comments of Chief Wildlife Warden of concerned district should also be provided in this regard.

IX. A letter from District Collector Office / Executive Engineer PWD indicating distance of mine area from inter-state boundary and critically polluted/ sensitive areas notified by CPCB/MoEF.

X. DFO letter indicating the distances of nearest forest boundary from the boundary of the proposed site.

* *In case the distance of nearest forest boundary is up to 250 meters or less, then NOC as per orders issued by forest department from time to time is required.*

XI. NOC from Gram Sabha if located in scheduled notified area.

XII. Other mandatory permissions and clearances from various authorities.

XIII. All TOR prescribed in the standard TOR published by MoEF&CC shall be applicable.

Other points to be addressed in the EIA/EMP report:

- Recent land use features in the region.
- Map Depictions: Coloured maps depicting land-use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned).
- Location is also to be shown in Tehsil map procured from revenue department, showing exact distances of highway, railway & habitat and all other sensitive area from the site.
- Details of land to be provided in following format:

S.No.	Tehsil	Village	Khasra No.	Area	Ownership	Land use

- Compliance of the conditions laid in the consent / EC should be supported with photograph of the site clearly showing plantation etc (if any).
- Summary of EIA / EMP has to be provided separately along with the EMP detailing impacts, impact zone and mitigations has to be furnished in the following format:

AIR Environment

SN	Expected Impact	Impact zones	Management Plan

WATER Environment

SN	Expected Impact	Impact zones	Management Plan

LAND Environment

SN	Expected Impact	Impact zones	Management Plan

NOISE Environment

SN	Expected Impact	Impact zones	Management Plan

Details of Public Hearing Proceedings

SN	Issues raised (details thereby)	Response of Proponent	Comments

- To-the-scale map showing locations of all the mines in 500m radius around the site have to be furnished.

- Source of water for the project with permission / commitment from the competent authority to be submitted.
- Water consumption in the project has to be evaluated including all the usages.

General Conditions

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories

are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.

17. All the necessary NOC's duly verified by the competent authority should be annexed.

18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.

19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.

21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.

22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.

23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analysed.

26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.

27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.

28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

29. LPG gas shall be provided for camping labour under "UjjwalaYojna .

30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).

31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of

TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.

32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.

33. **Under CER scheme commitments with physical targets shall be included in EIA report for:**

- Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
- Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
- No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "UjjwalaYojna" to them who are residing in the nearby villages, shall be considered.
- PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

34. **Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :**

- Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned/Gram Panchayat/ Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

- Adequate provisions of water for irrigating plantation shall be made by PP

35. **खदान क्षेत्र मे किये जाने वाले वृक्षारोपण हेतु निर्देशः–**

i. स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए।

ii. विषय विशेषज्ञ, उक्त विषय में रूचि रखने वाले स्थानीय जानकारो से राय ली जाने की सलाह है।

iii. पौधो की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख–रेख, मृदा नमीं को बनाये रखने हेतु जल–संरचनाओं का निर्माण, निदाई–गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए।

iv. पौधों की ऊँचाई / गोलाई –

v. भू–क्षरण स्थल पाये जाने पर भू–संरक्षण का कार्य किया जाना चाहिए।

vi. **रोपित पौधो का मापदंड एवं अन्य कार्यः–**

सं	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1	बैरियर जोन / नॉन माईनिंग क्षेत्र	02.5 फिट	03 से.मी.
2	रोड़ साईड / स्कूल / ऑगनवाडी	03.5 फिट	05 से.मी.
3	पौधों के चारों ओर निदाई–गुड़ाई, थाला (1.5 मी. गोलाई में) बनाना तीन वर्षो तक ।	.	.
4	आवश्यक्तानुसार सिंचाई ।	.	.

vii. **बीज बुआई एवं अंकुरण पश्चात् देख–रेखः–**

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई / जुताई पश्चात् वर्ष पूर्ण बीज रोपण। जामुन, महुँआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् ही रोपण।
- बीज रोपण पश्चात् अंकुरण एवं 4 से 6 पत्तियॉ आने पर, पौधे के चारों तरफ निदाई–गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षो तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना।
- सीड–बाल विधि से भी बीज रोपण किया जा सकता है।

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

36. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.

37. Detailed analysis of availability and quality of the drinking water resources available in the block.

38. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.

39. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.

Validity:–

- The TORs prescribed for the project will be valid for a period of Three years for submission of EIA and EMP report accordingly, the TORs will lapse after 07.03.2025
- This period of validity could be extended by the Regulatory Authority concerned by a maximum period of one year provided an application is made by the applicant to the Regulatory Authority before the expiry of validity period, together with updated Form-I based on proper justification and also recommendation SEIAA/SEAC

(श्रीमन् शुक्ला)
सदस्य सचिव

Endt No. 3350/ SEIAA/22 Dated: 17/3/22

Copy to:-

1. सदस्य सचिव, सेक, अनुसंधान एवं विकास विंग, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई–5, अरेरा कॉलोनी, भोपाल – 462016।
2. सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई–5, अरेरा कॉलोनी, भोपाल – 462016।
3. प्रधान मुख्य वन संरक्षक, भूतल सतपुड़ा भवन, भोपाल (म.प्र.)
4. निदेशक, क्षेत्रीय कार्यालय, पश्चिमी क्षेत्र केन्द्रीय पर्यावरण भवन, लिंक रोड़ नं. 03, रवि शंकर नगर, भोपाल – 462016।
5. संबंधित फाईल।

(आलोक नायक)
प्रभारी अधिकारी