राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, म.प्र.
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)

पर्यावरण नियोजन एवं समन्वय संगठन
पर्यावरण परिसर, ई–5, अरेरा कॉलोनी
भोपाल–462016 (म.प्र.)
बेवसाईट–http://www.mpseiaa.nic.in
दूरभाषनं. – 0755–2466970, 2466859
फैक्सनं. – 0755–2462136

No: 602/ SEIAA/2025
Date: 25/05/2025

प्रति,

Smt. Manju Dhakad,
R/o- 67, Village- Saagod,
District- Ratlam (M.P.)
E-mail - manjudhakad541@gmail.com

विषय :- **Proposal No. SIA/MP/MIN/459780/2024- Case No. P2/796/24 Prior Environment Clearance for Stone Mine (opencast semi mechanied method) in an area of 1.70 ha., for production capacity of Stone (Gitti,)-10,000 Cu.mt/year, M-Sand-10,000 Cu.mt/year & Overburden-1,309 Cu.mt/year, Khasra No. 10/1/13, Village - Dhabaipada, Tehsil - Ratlam, District Ratlam (M.P.) by Smt. Manju Dhakad, Lessee, R/o- 67, Village- Saagod, District- Ratlam (M.P.)**

विषयान्तर्गत प्रकरण में राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) द्वारा 755वीं बैठक दिनांक 21.05.2024 में स्टेण्डर्ड टॉर, एनेक्जर -डी में उल्लेखित मानक शर्तों व गौण खनिजों के ToR प्रकरणों में SEAC की 745वी बैठक दिनांक 30.04.2024 एवं 753वी बैठक दिनांक 17.05.2024 में लिये गये निर्णयानुसार विशिष्ट शर्तों सहित **ToR** प्रदान किये जाने की अनुशंसा कर प्रकरण दिनांक 27.05.2024 को राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) को अग्रेषित किया गया। प्रश्नाधीन प्रकरण SEIAA की बैठक में विचारण नहीं होने के कारण 45 दिवस से अधिक की अवधि समाप्त हो गई है।

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की ईआईए अधिसूचना दिनांक 14.09.2006 के पैरा 8 की कंडिका (iii) इस प्रकार है - **"In the event that the decision of the regulatory authority is not communicated to the applicant within the period specified in sub-paragraphs (i) or (ii) above, as applicable, the applicant may proceed as if the environment clearance sought for has been granted or denied by the regulatory authority in terms of the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned."**

अत: ईआईए अधिसूचना के पैरा 8 की कंडिका (iii) के अनुसार उक्त प्रकरण में SEAC की 755वीं बैठक दिनांक 21.05.2024 में स्टेण्डर्ड टॉर, एनेक्जर -डी में उल्लेखित मानक शर्तों व गौण खनिजों के ToR प्रकरणों में SEAC की 745वी बैठक दिनांक 30.04.2024 एवं 753वी बैठक दिनांक 17.05.2024 में लिये गये निर्णयानुसार विशिष्ट शर्तों सहित **ToR** हेतु की गई अनुशंसा को अंतिम निर्णय मानते हुए राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा "Deemed Approval" माना जाकर **ToR** दिया जाता है। तदनुसार प्रकरण में ईआईए अधिसूचना के पैरा 8 की कंडिका (iii) के अनुसार आगामी आवश्यक वैधानिक कार्यवाही करने हेतु आप स्वतंत्र हैं।

(प्रमुख सचिव, पर्यावरण विभाग द्वारा अनुमोदित)

25/05/25

(श्रीमन् शुक्ला)
कार्यपालन संचालक, एप्को
एवं सदस्य सचिव, SEIAA

पृ. क्र. 603 /SEIAA/2025 भोपाल दिनांक - 25/05/2025

प्रतिलिपिः-

1. प्रमुख सचिव, म.प्र. शासन, पर्यावरण विभाग, मंत्रालय, भोपाल।
2. संयुक्त सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, इंदिरा पर्यावरण भवन, जोर बाग रोड़, नई दिल्ली - 110003।
3. उप सचिव, मुख्य सचिव कार्यालय म.प्र. शासन, मंत्रालय भोपाल (म.प्र.)।
4. अध्यक्ष, SEIAA, एप्को पर्यावरण परिसर भोपाल (म.प्र.)।
5. अध्यक्ष SEAC, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5 अरेरा कॉलोनी भोपाल (म.प्र.)।
6. सदस्य सचिव, SEAC एवं सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5 अरेरा कॉलोनी भोपाल।
7. कलेक्टर, जिला रतलाम (म.प्र.)।
8. वन मंडलाधिकारी, जिला रतलाम (म.प्र.)।
9. निदेशक, क्षेत्रीय कार्यालय, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, केन्द्रीय पर्यावरण भवन, लिंक रोड़ नं. 03, रवि शंकर नगर, भोपाल।
10. संचालक, भौमिकी तथा खनिकर्म मध्यप्रदेश, 29-ए, खनिज भवन, अरेरा हिल्स, भोपाल - 462002।
11. खनिज अधिकारी, जिला रतलाम (म.प्र.)।
12. संबंधित फाईल।

की ओर सूचनार्थ।

कार्यपालन संचालक, एप्को
एवं सदस्य सचिव, SEIAA

1	बैरियर जोन **(शासकीय भूमि खसरा** 2188, 2196)	सिस्सू, पीपल, कस्टार, सीताफल खमेर, चिरौल बबूल, और उपलब्ध देशी प्रजातियाँ।	2500
	बैरियर जोन (निजी भूमि खसरा नंबर 2189, 2190, 2191, 2192,2193, 2194, 2195 ,2197, 2201/2/1, 2201/1, 2202	बेल, इमली, आंवला, कटहल, आम, अमरूद,मुनगा, सागोन और उपलब्ध देशी प्रजातियाँ।	
2	परिवहन मार्ग में (न्यूनतम ऊँचाई 1.5 मीटरट्री—गार्ड के साथ)	नीम, आम पीपल, सेमल, पुत्ररंजीवा, मौलश्री, कचनार, चिरौल महुवा इत्यादि।	100
3	गँाव बिल्हेटी के ग्रामवासीयों में वितरण हेतु	बेल, इमली, आंवला, कटहल, आम, अमरूद, सीता अशोक मुनगा इत्यादि।	2980
4	बिल्हेटी के शासकीय प्राथमिक विद्यालय में	कदम्ब, अमलतास, अशोक, नीम, पुतरंजीवा,मोलश्री, गुलमोहर इत्यादि।	20
5	उत्तर दिशा मे स्थित दोनों चारागाह हेतु	नीम तथा प्रोसोपिस के बीज, जंगल जलेबी, और उपलब्ध देशी प्रजातियाँ।	700
उपरोक्तानुसार वृक्षारोपण प्रथम वर्ष में किया जायें एवं लीज अवधि तक उन पौधों का रख—रखाव/मृत पौधों का बदलाव खनन अवधि तक किया जाये । गरलेण्ड ड्रेन तथा सेटलिंग टैंक के बंड पर स्थानीय बीज बोबाई कर उनका सरंक्षण किया जाना । परियोजना प्रस्तावक ग्रामीणों में पौधों का वितरण के समय गॉव का नाम, लाभांवित व्यक्ति का नाम एवं प्रजाति का विवरण देते हुए पर्यावरणीय स्वीकृति के पालन प्रतिवेदन में शामिल करेंगे ।			

अनुशंसा—प्रस्तुतीकरण एवं समीक्षा के आधार पर उपरोक्त विशिष्ट शर्तो के साथ परियोजना को पर्यावरण स्वीकृति जारी करने की अनुशंसा की जाती है।

9. **Case No. P2/796/24 Manju Dhakad, Lessee, R/o- 67, Village- Saagod, District-Ratlam (M.P.) Village - Dhabaipada, Tehsil - Ratlam, District-Ratlam District-Ratlam (M.P.) Prior Environment Clearance for Stone Mine in an area of 1.70 ha. Stone (Gitti,)-10,000 Cu.mt/year, M-Sand-10,000 Cu.mt/year & Overburden-1,309 Cu.mt/year) (Khasra No. 10/1/13) Village - Dhabaipada, Tehsil - Ratlam, District-Ratlam District- Ratlam (M.P.) (TOR)**

प्रस्तावित खदान बी—1 श्रेणी के अंतर्गत पूर्व पर्यावरणीय स्वीकृति के लिए टॉर का है, जिसमें आज दिनांक 21/05/2024 को परियोजना प्रस्तावक के पर्यावरणीय सलाहकार श्री राम राघव, मेसर्स ग्रीन सर्कल आईएनसी, बडौदा, गुजरात उपस्थित हुए और उनके द्वारा समिति के समक्ष प्रस्तुतीकरण किया गया ।

755 राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक
दिनांक 21 मई 2024

परियोजना विवरण	परियोजना प्रस्तावक द्वारा प्रस्तुत दस्तावेज	
परियोजना प्रस्तावक का नाम व पता	Manju Dhakad, Lessee, R/o- 67, Village- Saagod, District- Ratlam (M.P.)	
खसरा नं./ क्षेत्रफल (सरकारी/निजी)	10/1/13(सरकारी–नॉन फॉरेस्ट लेंड)	1.70 hectare.
स्थल	Village - Dhabaipada, Tehsil - Ratlam, District-Ratlam District- Ratlam (M.P.)	
लीज स्वीकृति	संचालक, भौमिकी तथा खनिकर्म, म.प्र. भोपाल का पत्र क्रमांक 669–72 दिनांक 11/01/21 द्वारा स्वीकृत ।	
ब्लास्टिंग/रॉक ब्रेकर	ब्लास्टिंग प्रस्तावित है ।	
प्रकरण की स्थिति	नया प्रोजेक्ट ।	
उत्पादन क्षमता	परियोजना प्रस्तावक द्वारा Stone (Gitti,)-10,000 Cu.mt/year, M-Sand-10,000 Cu.mt/year &Overburden-10,309 Cu.mt/yearहेतु आवेदन किया गया है और अनुमोदित खनन् योजना अनुसार Stone (Gitti,)-10,000 Cu.mt/year, M-Sand-10,000 Cu.mt/year &Overburden-10,309 Cu.mt/yearहै।	
500 मीटर की परिधि में अन्य खदानें	कार्यालय कलेक्टर (खनिज शाखा) जिला रतलाम के एकल प्रमाण–पत्र क्रमांक 216 दिनांक 13/02/24 अनुसार 500 मीटर की परिधि में 04 अन्य खदानें संचालित/स्वीकृत है, इस प्रकार कुल रकबा 31.70 हे. होता है, अतः प्रकरण बी–1 श्रेणी का है।	
वन मण्डलाधिकारी की अनापत्ति	कार्यालय कलेक्टर (खनिज शाखा) जिला रतलाम के एकल प्रमाण–पत्र क्रमांक 216 दिनांक 13/02/24 अनुसार 10 किलोमीटर की परिधि में नेशनल पार्क/अभ्यारण्य/ईको संसेटिव जोन जैव विविधता क्षेत्र स्थित नहीं है एवं 250 मीटर में वन क्षेत्र स्थित नहीं है ।	
तहसीलदार की अनापत्ति	कार्यालय कलेक्टर (खनिज शाखा) जिला रतलाम के एकल प्रमाण–पत्र क्रमांक 216 दिनांक 13/02/24 अनुसार 50 मीटर की दूरी पर नाला स्थित है, शेष अन्य 500 मीटर की परिधि में नहीं है ।	
ग्राम सभा/ ग्राम पंचायत की अनापत्ति	ग्राम पंचायत राजपुरा जिला रतलाम के ठहराव प्रस्ताव दिनांक 16/07/21 अनुसार प्रस्तावित स्थल पर खनन् कार्य से पंचायत को कोई आपत्ति नहीं है ।	
प्रस्तावि खदान की जिला सर्वेक्षण रिपोर्ट में स्थिति	कार्यालय कलेक्टर (खनिज शाखा) जिला रतलाम के पत्र क्रमांक 208 दिनांक 12/02/24 अनुसार उक्त खदान अग्रिम जिला सर्वेक्षण रिपोर्ट में सम्मिलित कर लिया जावेगा । समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय स्तरीय पर्यावरण समाघॉत निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु	

	सिया को अनुशंसित किया जाये ।

उपरोक्त विवरण के परिप्रेक्ष्य में समिति इस प्रकरण में ई.आई.ए. तैयार करने हेतु पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा जारी स्टेण्डर्ड टॉर, एनेक्जर–डी में उल्लेखित मानक शर्तो व गौण खनिजों के टॉर प्रकरणों में सेक की 745 वीं बैठक दिनांक 30/04/2024 एवं सेक की 753 वीं बैठक दिनांक 17/05 /2024 में लिये गये निर्णयानुसार विशिष्ट शर्तो के साथ टॉर जारी करने की अनुशंसा करती है।

10. Case No. P2/794/24 Shri MOHIUDDIN SHAIKH, Lessee, R/o- 07, Civil Line Collector Bangle Ke Pass Dewas, District- Dewas, (M.P.) Prior Environment Clearance for Murrum Mine in an area of 2.00 ha. (25,000 cum per annum) (Khasra No. 197) Village - Gaddukhedi, Tehsil- Dewas, District- Dewas (M.P.) (TOR) [MIN/466779/2024] (TOR)

प्रस्तावित खदान बी–1 श्रेणी के अंतर्गत पूर्व पर्यावरणीय स्वीकृति के लिए टॉर का है, जिसमें आज दिनांक 21/05/2024 को परियोजना प्रस्तावक के पर्यावरणीय सलाहकार श्री राम राघव, मेसर्स ग्रीन सर्कल आईएनसी, बडौदा, गुजरात उपस्थित हुए और उनके द्वारा समिति के समक्ष प्रस्तुतीकरण किया गया ।

परियोजना विवरण	परियोजना प्रस्तावक द्वारा प्रस्तुत दस्तावेज	
परियोजना प्रस्तावक का नाम व पता	Shri MOHIUDDIN SHAIKH, Lessee, R/o- 07, Civil Line Collector Bangle Ke Pass Dewas, District- Dewas, (M.P.)	
खसरा नं./ क्षेत्रफल (सरकारी/निजी)	197(सरकारी–नॉन फॉरेस्ट लेंड)	2.00 hectare.
स्थल	Village - Gaddukhedi, Tehsil- Dewas, District- Dewas (M.P.)	
लीज स्वीकृति	संचालक, भौमिकी तथा खनिकर्म, म.प्र. भोपाल का पत्र कमांक 12924–29 दिनांक 29/09/22 द्वारा स्वीकृत ।	
ब्लास्टिंग/रॉक ब्रेकर	ब्लास्टिंग प्रस्तावित नहीं है ।	
प्रकरण की स्थिति	नया प्रोजेक्ट ।	
उत्पादन क्षमता	परियोजना प्रस्तावक द्वारा Murrum-25,000 m3/yearहेतु आवेदन किया गया है और अनुमोदित खनन् योजना अनुसार Murrum-25,000 m3/yearहै।	
500 मीटर की परिधि में अन्य खदानें	कार्यालय कलेक्टर (खनिज शाखा) जिला देवास के एकल प्रमाण–पत्र कमांक 2697 दिनांक 10/10/22 अनुसार 500 मीटर की परिधि में 09 अन्य खदानें संचालित/स्वीकृत है, इस प्रकार कुल रकबा 26.190 हे. होता है, अतः प्रकरण बी–1 श्रेणी का है।	

Additional TOR points for Minor Minerals -
(In addition to Standard TOR)

1. EIA for Cluster : Cumulative Impact study is to be carried out & Cluster EMP is to be prepared
2. Plantation scheme : Show numbers and species in tabular form

   A- Government land

   1. In barrier Zone
   2. In non mining area (set back)
   3. Along evacuation route
   4. Other places like School, Panchyat Bhavan, Aganwadi, Tehsil Office, Police Thana, Forest chouki etc.
   5. Distribution to nearby farmers species of Fuel, fodder, Timber, Bamboo, Medicinal plants.

   B- In Fodder Land

   Develop the grass land and seed sowing & maintain upto 5 years, include the cost in EMP

   C- Private land – fruit bearing plant or as P.P wants desire.

   D- Seed sowing in garland drain and periphery of mine with local seeds of soil binding nature.
3. Set Back – Show setback in surface plan with legend as well as set back area as per the case, according to present rules (NGT/CPCB guidelines)

   1. Dammar Road
   2. Village Road
   3. कच्ची सड़क (WBM)
   4. Haulage road

   14. Forest boundary /Revenue Forests
   15. Wildlife area /NP/WLS
   16. ESZ area
   17. Hill(पहाड़ी) Ranges more than 1 km in length having more then 2-3 hillock ranges for landscape perspective.

5. Railway line
6. Wind mills
7. Agriculture land
8. Natural drainage
9. Nala/ river
10. Habitation,
11. Wells, Temples
12 Other structures
18. Catchment area
19. Stocked root (Area having)
20 Nearby Biodiversity rich area.
21. Water conservation structures, stop dams
22. Trees inside the mine
23. Other Habitation
24. Electric high tension line
25. Bridges /Culverts
26. Electric pole/Tower , Shamshan
27. RET species (Rare endangered and Threatened)

13. Historical monuments rare structures such as rocks, paintings, fossisls and W.L. Niche/Archaeological Site if any,

4. <u>For blasting or for non blasting</u>: if mine lease area within-

1. 250 m. of forest land
2. ESZ areas , Buffer area
3. If private land : Own/Agreement
   1. OWN
   2. Agreement if, 240 LRC, MMR rules
   3. Cost benefit ratio
   4. If grass land : grass land development & maintenance
   5. Catchment of the major river & its protection plan.

5. **If area is full of trees/ root stock- study to be carried out wrt.**
   - Ecosystem loss studies & remedial plan

- Eco service studies
- Wildlife conservation plan
- Protection plan
- Soil & water conservation plan
- Aero biological studies
- Study of Avian flora and fauna Dam due to cutting of vegetation, trees shrubs , ecological loss & assessment of damages and its mitigation plan
- Tree inventory inside the mine area including all types of vegetation: trees, shrubs – spp girth, height , name & number of plant inside the mines areas. Mention RET (Rare threatened and endangered) species if exist there

6. **In case of expansion : area / production with wrt. MOEF&CC compliance report**

Old given E.C: condition compliance of all points with photographs

- Plantation in barrier zone
- Garland drain
- Fencing
- Excavation as per mining plan
- CER activities: Certificate and photograph
- Old production (showing on surface plan)
- Dump areas

(A) **If – Crusher & M-sand plantis in mining area**

Surface plan includes (if surface map change than it should be in mining plan , map is to be changed before mining) :

1. Mining area /Non-mining area /Crusher area/Office
2. Barrier area zone
3. Set back for senstiveness
4. Garlanding drain
5. Settling tank with sizes according to water surface plan
6. Crusher area /M.sand plant / Slurry
7. Dumping area year wise
8. Green area /Barrier area & in non-mining area
9. Fencing
10. M -sand : Slurry management
11. Carbon foot print

(B) **If crusher is outside of mines**

1. distance from the mining area
2. establish land status .
3. permission of land owner
4. carbon sequestration due to crusher & haulage

7. **SITE VISIT REQUIREMENTS** :

Consultant must visit the site for B_1 and B_2 areas both: Following information/data is required to be collected during site visit

1. Geo tagged photos: if cluster of trees exist within mining lease , any structure within sensitivity distance
2. Site photographs
3. Mining activities going in nearby areas
4. Assessment of water level of surrounding surface water and ground water sources

5. Assessment of availability of any grazing land in nearby areas after after having discussion with local people/Panchayat
6. For B2 cases : assessment of CER needs at local level through Van sammittee/Gram Panchayat/School Principal/Aganwadi worker/Patwari

8. **Regarding Public hearing**

1 . Names of villages around the mines area.

2 Village wise presence of people

3 Photograph

4 Map Showing the village name & population of the village which are situated around the mine.

5 Public interest works to be mentioned in CER ac activities

6 Distance from mines area in the following public places

1. Habitation
2. School
3. Health centre
4. other public places
5. any sensitive area (men made structure / natural)

9. **CER Activities**
   1. As demanded during the public hearing.
   2. As needed or proposed during the presentation.

10. **EMP as proposed in tabular form**

11. **Mining Activity**.

(A) If - mines in PESA areas

- full fill the all PESA related requirements
- if land owner is tribal the collector order needed as per LPE 240 /8/9

(B) If- within the 500 mt. radius- existing mines

- owner name
- area
- Compliance of plantation, fencing, garlanding drain ,settling tank according to given EC.

(C) If M-sand proposed within 500 m of radius

- place on surface map
- slurry management
- Water requirement : Quantity & source

(D) If excavation route lies on private land

the permission of land owner for transportation.

(E) Carbon foot print study- If production is more than below given threshold values subject to production.

1. Stone - 10,000 m^3/yr with crusher, 15000 m^3 /yr without crusher
2. murum- 20,000 m^3/yr
3. Clay – 30,000 m^3/yr with kiln & chimney

(F) Soil profile Not less then 3 pits per ha. with.

12. <u>Miscellaneous</u>

(A) Provision of Fogging machine for dust control:

If Stone production is more than 1 Lakh m3/yr then provision of fogging machine for dust control in EMP is to be made.

(B) De-watering plan if old pit is filled with water & use of water –

(C) In case of any change in method of mining, or change of surface lan due to any sensitive features Approval from concern Mining officer

(D) It there is difference in geo coordinate is observed in B1/B2 or in any case as given in mining plan or DSR, then approved geo-coordinate to be submitted as approved by Mining Officer of concerned district.

Member
(SEAC)

Chairman
(SEAC)

32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activities proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.
36. The monitoring of the compliance of the conditions incorporated in the Environmental Clearance issued prior to the State Mining Corporation shall be carried out through the District mining office at District level and compliances be communicated to SEIAA within 06 months.
37. Riparian habitat including vegetative cover on and adjacent to the river bank controls erosion, provide nutrient inputs into the stream and prevent intrusion of pollutatns in the stream through runoff. Bank erosion and change of morphology of the river can destroy the riparian vegetative cover should be protected.
38. Demarcation of mining area with pillars and geo-referencing should be done prior to start of mining.
39. The State Mining Corporation shall constitute an Environmental Cell including minimum of three persons qualified in the field to ensure the compliance of EC conditions.
40. The State Mining Corporation shall ensure the compliance of the different provision made in the Sand Mining Management Guidelines-2016 & Enforcement & Monitoring Guidelines for Sand Mining 2020, with Special reference to the para 4.3 and para-8 at page no. 45 of the said Guidelines.
41. Sand and gravel shall not be allowed to be extracted where erosion may occur, such as at the concave bank.
42. The slope of mining area adjacent to agricultural fields should be proper (preferably 45 degree) and adequate gap (minimum 10 feet) be left from adjacement agricultural field to avoid erosion and scouning.
43. In sand mining over other areas apart from river bed replenishment study in the said area be carriedout every year by Mining Officer and subject to availability of sand quantity mining should allowed by Mining Officer during EC period as Sand replacement in such areas are subject to certain conditions and not a regular feature.
44. The top soil in Khodu-Bharu Sand mine shall be stored separately and shall be used for agriculture field only; it should not be washed away during sand washing process.

Annexure- 'D'

General conditions applicable for the granting of TOR

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 analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, 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 may be provided for camping labour under "Ujjwala Yojna .
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. If the allotted land is private land and agricultural practices are being carriedout in the nearby area, the effect of mining on agricultural practices shall be studied and dicussed in the EIA report with the economic value of agricultural produce for last three yaears and details of total land holding of the PP in that district.
34. In case of mining on land where the land belongs to Charagah (Grazing) as per P-II form, proposal for development of equal area of land as grazing land shall be submitted with EIA report with its budgetary provisions. This Grazing land can be developed in consultation with DFO or Gram Panchayat of concerned area.
35. 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 "Ujjwala Yojna" 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.

36. 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 Forest Department/ through Gram Panchayat on suitable community land in the concerned village area.
- ✓ 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.

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.

37. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
38. Detailed analysis of availability and quality of the drinking water resources available in the block.
39. 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.
40. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.

खदान क्षेत्र मे किये जाने वाले वृक्षारोपण हेतु निर्देश :–

नोट 1 :– स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए ।

नोट 2 :– विषय विशेषज्ञ, उक्त विषय में रूचि रखने वाले स्थानीय जानकारो से राय ली जाने की सलाह है ।

नोट 3 :– 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 मल्चिंग जल–संरचनाओं का निर्माण, निदाई–गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए ।

नोट 4 :– परिवहन मार्ग के किनारे लगाये जाने वाले पेड़ो के चारो ओर ट्री गार्ड होना आवश्यक है । इसी प्रकार स्कूल/ऑगनवाडी/पंचायत भवन इत्यादि में प्रस्तावित वृक्षारोपणो के चारो ओर सुरक्षा के इंतजाम जैसे फेंसिग/ट्री गार्ड आवश्यक रूप से प्रस्तावित किये जाये ।

नोट 5 :– भू–क्षरण स्थल पाये जाने पर भू–संरक्षण का कार्य (विशेष रूप से वाटर चेनल के किनारे तथा उत्पत्ति स्थान पर) किया जाना चाहिए।

नोट 6 :– रोपित पौधो का मापदंड एवं अन्य कार्य

क.	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 – 03.0 फिट	03–05 से. मी.
2.	रोड़ साईड/स्कूल/ ऑगनवाडी	03.5 – 05.5 फिट	05–10 से.मी.

3.	पौधों के चारों ओर निदाई–गुड़ाई, थाला (1.5 मी.गोलाई में) तीन वर्षो तक ।	
4.	आवश्यक्तानुसार सिंचाई एवं प्राथमिकता पर जैविक खाद	

नोट 7 :– बीज बुआई एवं अंकुरण पश्चात् देख–रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई उपचार, वर्षा पूर्व रोपण। जामुन, महुँआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् रोपण ।
- अंकुरण पश्चात् 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।

नोट – 8 :– रेत के प्रकरणों में (पौधो की ऊॅचाई न्यूनतम् 1.5 मीटर)

1	एक पंक्ति से दूसरी पंक्ति की दूरी एवं दूसरी से तीसरी पंक्ति शाकीय पौधे जैसे : खस, घास, अगेव स्थानीय घास बीजप्रजातियॉ।	1.00 से 1.5 मीटर (पंक्ति में पौधो के बीच की दूरी 10 से 15 सेंटीमीटर)
2	4 पंक्ति से 5वीं पंक्ति (वृक्ष प्रजाति)	न्यूनतम् दूरी 3 मीटर (पौधों के बीच में दूरी 03 मीटर)
3	6वीं पंक्ति 3.0 से 5.0 मीटर (वृक्ष प्रजाति)	पौधों के बीच में 3 से 5 मीटर

- (चयनित प्रजातियों एवं नदी के किनारों पर भूमि की उपलब्धता को ध्यान में रखकर आवंटित क्षेत्र से बाहरी दिशा में 10 से 15 मीटर की चौड़ाई में हरित पट्टी विकसित किया जाये)
- नोट – 9 :– छठी पंक्ति हेतु पौधों की सुरक्षा अवधि न्यूनतम् 3 वर्ष
- जामुन, कहवा, करंज, नीम, पौधों में पौधों की दूरी 2.5 मीटर से 5 मीटर लसोड़ा, करंज, आम, इत्यादि ।
- नोट – प्रथम तीन पंक्तियों के पौधों के मध्य में एक वर्षीय औषधि प्रजातियों का बीच छिड़काव ।

1	पहली, दूसरी, तीसरी पंक्ति हेतु (स्थानीय घांस प्रजातियॉ, खस घास बीजअगेव आदि)	पंक्ति से पंक्ति की दूरी 01 से 10.5 फीट पंक्ति में पौधों से पौधों की दूरी 10 से 15 सेंटीमीटर ।
2	स्थाानीय झाड़ी प्रजाति के पौधे	01 11.6 फीटर
3	चौथी से पॉचवी, छठवीं पंक्ति हेतु बॉस एवं स्थानीय झाड़ी प्रजाति ।	पंक्ति की दूरी 2.5 मीटर से 3 मीटर पंक्ति में पौधों की दूरी 3 मीटर से 5 मीटर

- मौसमी नदी के न्यूनतम 05 मीटर तथा पेरिनियल रिवर में न्यूनतम 10मी तक घाटो के किनारे स्थित वृक्षो, झाडियों, लताओ को और घास को क्षति नहीं पहूॅचाई जायेगी।
- रेत निकासी परिवहन मार्ग निजी भूमि से होकर जाता है तो संबंधित कृषक/कृषको से सहमति पश्चात् ही परिवहन किया जायेगी ।
- खदान संचालन शुरू करने के पहले परियोजना प्रस्तावक जिला मत्स्य पालन विभाग अधिकारी का अभिमत प्राप्त करेंगा कि खनन् क्षेत्र में कोई Aquatic fauna तो नहीं है और यदि किसी क्षेत्र का संज्ञान होगा तो अनुकूल रोकथाम के उपाय विषय विशेषज्ञ के सुझाव अनुसार अपनाये जायेंगे