

The 357th meeting of the State Expert Appraisal Committee (SEAC) was held on 01st March, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Shri Prashant Srivastava, Member.
5. Dr. Jai Prakash Shukla, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5607/2017 M/s Hukum Chand Stone Lime Co., Nai Basti, Tehsil - Murwara, Dist. Katni, MP Prior Environment Clearance for Bauxite, Laterite, Fireclay & Ochre Mine in an area of 16.188 Ha.. (2,48,093 tonne per annum (Bauxite – 1,61,793 TPA, Laterite – 52,952 TPA, Clay – 6,466 TPA and Ochre – 26,882 TPA)) (Khasra no. 49) at Vill. Rousra, Tehsil - Majhauili, Dist. Jabalpur, MP [EIA Consultant : Aplinka Solutions & Technologies Pvt. Ltd, Noida, U.P.]**

This is case of Bauxite, Laterite, Fireclay & Ochre Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at ((Khasra no. 49)) at Vill. Rousra, Tehsil - Majhauili, Dist. Jabalpur, (MP) 16.188 Ha. The project requires prior EC before commencement of any activity at site. The PP has submitted ToR application forwarded by the SEIAA vide letter no. 1226 dated 28/11/2017.

The case was presented by the PP and their consultant wherein following details were submitted:

1	Name of the project & its location	Rousra Bauxite, Laterite, Fireclay, Ochre Mine Village- Rousara, Tehsil-Majhauili District-Jabalpur, State-Madhya Pradesh	
2	Name of the Company, Address Tele No. & E-mail :	M/s Hukum Chand Stone Lime Company Nai Basti, Murwara, Tehsil, Katni district, M.P PIN Code - 483501 Phone No. – 07622-404404 e-mail hukumchandstonelimestonecompany@rediffmail.com	
3	Latitude and Longitude of the project	Latitude	23°33'45.34"N to 23°34'4.23"N

		Longitude	80° 1' 31.32" to 80° 2' 0.27" E
4	If a Joint venture, the names & addresses of the JV partners including their share	Not applicable	
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Nature of proposal	New
		Total area- land use	16.188 Ha Govt. Waste Land
		Project components	The lease area is undulating and the general slope is towards South . The highest part is on the north eastern corner with 430 mRL and the lowest level is in the southern part with 405m mRL
		Connectivity	<ul style="list-style-type: none"> ❖ Sihora Railway Station 13.3 km in SE ❖ NH-7, 11.3 Km in SE ❖ Jabalpur airport Approx. 42.6 km S ❖ Nearest Town & City: Sihora Town, 10.66 km in SE ❖ Nearest Village:- Rousra, 0.5 km in S ❖ Dist. Headquarter: Jabalpur 44.50 Km in SSW ❖ Sihora RS, 13.3 Km in SE
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1Crore	
8	Employment generated/to be generated	50	
9	Benefits of the project	Project will contribute to the mineral development of the area.	
10	Whether new or expansion project .If expansion:	It is new mining lease area.	

	i from MT to MT ii What is the % of expansion	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable, It is new mining lease area.
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	Not applicable
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
16	Type of Mine: (Open cast/Underground/mixed)	Open Cast
17	Capacity of the mine applied for	2,48,093 TPA Bauxite:- 67414 cum or 1,61,793 tons; Laterite:- 19612 cum or 52,952 tons ; Clay:- 3079 cum or 6,466 tons; Ochre:- 12801 cum or 26,882 tons
18	ML Area i. As per block allotment ii. As per approved mine plan	16.188 Ha 16.188 Ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan was approved vide letter MP/Jabalpur/bauksite/ MPLN MOD-17/ 2016-17 dated 24.01.2017
20	Date of Board's approval	Not applicable
21	Date of Ground water clearance	Not applicable
22	Date of mine closure approval	Mining plan was approved vide letter MP/Jabalpur/bauksite/ MPLN MOD-17/ 2016-17

		dated 24.01.2017
23	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	Water Bodies <ul style="list-style-type: none"> • Suhar Nadi, 4.8 Km in NW • Kair Nala, 10 Km in SE • Kanari Nala, 7.5 KM in S • Heran River, 14.3 Km in S • Paterh Nala, 3.3 Km in NE

The case was presented by the PP and their consultant in the 301th SEAC meeting dated 21/12/2017, wherein it was recorded that: Being it a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Hydro geological studies should be carried out and be discussed in the EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
7. Mine water management plan be provided in the EIA report.
8. During monitoring sampling location will be properly scattered in the study area and atleast four surface quality monitoring stations and six ground water quality sample shall be selected.
9. Land use plan should be plotted on the map.
10. The EIA report should clearly mention activity wise EMP and CSR 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 CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
11. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
12. 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.
13. 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.

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

PP has submitted the EIA vide letter dated 18/03/2019 which was forwarded through SEIAA vide letter no. 2772 dated 23/03/2019, which was placed before committee for EIA Presentation.

The case was presented by the PP and their consultant wherein in the beginning chronology & other salient features of the project:

Sl. No.	Particulars	Details
1.	1st Mining Lease and its Renewal	10 years from 21.03.1985 to 20.03.1995 for mineral Bauxite and clay Laterite and Red ochre were included in mine lease on 28/08/1986
2.	Mine lease period	50 year from 21.03.1985 to 20/03/2035, as per MM(D&R) Amendment Act 2015
3.	Mining Plan Approval	Approved by Indian Bureau of Mine vide letter No.M.P./Jabalpur/Bauxite/MPLN/MOD/27/2016-17/425 dated 24/01/2017
4.	Forest NoC	Granted by DFO, Jabalpur on 10/02/2012.
5.	TOR granted	ToR No. 32/PS-MS/MPPCB/SEAC-I/TOR (301)/2018 dated 25.01.2018 (Case No. 5607/2017)
6.	Public hearing conducted	Public Hearing was held on 20/09/ 2018 at the Project site.

During presentation PP submitted that the mine is closed since 2007 and no production is obtained from this mine. PP further submitted that occasional blasting is proposed only for dislodged boulders. The committee observed that the proposed area for mining is having

undulating topography. The elevation difference between minimum (405mRL) & maximum (430mRL) level is about 25m with drainage direction towards south. The highest part is on the north eastern corner with 430 mRL and the lowest level is in the southern part with 405m mRL in the lease area. Hence, extra precaution shall be taken by PP during mining operation and deployment of HEMM like protective bunds shall be formed to protect rolling downs of boulders etc. Also PP will comply all safety precautions and provisions of Mine Act, 1952 as amended, Metalliferous Mines Regulation, 1961 and Mines Rules, 1955 as amended during all mining operations.

After detail discussion, committee has asked the PP to submit the following information:

1. Commitment that no production is taken from 2007.
2. Inventory of the existing trees falling within the lease boundary.
3. Commitment of occasional blasting as submitted during presentation.
4. Disaster management plan in case of fire and bench collapse.
5. Revised CER as suggested by the committee.
6. Revised proposal with budget for VT training.
7. Revised calculation of conceptual plan & section.
8. Revised plantation species as suggested during meeting by the committee
9. Address public hearing points specifically point no. 5 & 6.
10. Commitment for providing bund at the steep slope towards southern side.
11. Commitment that environment policy & EMP will be displayed on company web site.
12. Justification why slope stability and vibration study is not required.

PP has submitted the response of above quarries vide letter dated 01.04.2019 which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Bauxite, Laterite, Fireclay & Ochre Mine in an area of 16.188 Ha. Bauxite – 1,61,793 TPA, Laterite – 52,952 TPA, Clay – 6,466 TPA and Ochre – 26,882 TPA on Khasra no. 49 at Vill. Rousra, Tehsil - Majhauri, Dist. Jabalpur, MP subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. Occasional blasting will be carried out to dislodge boulders and charge will not be more than 250 gm.
10. No explosive will be stored at mine site.
11. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
12. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 16,122 nos., of trees will be planted along approach road, protective bund and within the ML area. This will be covered 11.2886 ha (backfilled area) & plantation in 1.8348 ha. in green belt area.
13. Transportation of material shall be done in covered vehicles.
14. Transportation of minerals shall not be carried out through forest area.
15. The OB as over burden shall be reutilized for backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
16. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the Garland drain will be shall be provided for proper sedimentation.
17. The size of the garland drain will be $2421.9\text{m} \times 2.0 \times 1.5 \text{ m} = 7265.7 \text{ m}^3$.
18. The settling tank will be 09 in numbers, details are as given below:-
 - 5 settling tank of $40\text{m} \times 6 \text{ m} \times 3.5 \text{ m} = 480 \text{ m}^3$ each (total capacity 2400 cum).

- 5 settling tank of 40m x 6 m x 3.5 m = 480 m³ each (total capacity 2400 cum)
 - 1 settling tank of 20 m x 6 m x 3.5 m = 240 m³
 - Total capacity of all settling tanks = 3900 m³
19. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.
20. Transportation road shall be made pucca.
21. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
22. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
23. The land use of mine lease area for pre-operational, operational and post operational phase is given below:-

Sr. No.	Particular	Existing	5 th year end	Mine Life end
1	Total area excavated (broken)	0.7532	5.7847	(14.3532)
2	Area fully mined out (out of 1)	0.0159	0.0159	(14.3532)
3	Area fully reclaimed (Backfilled out of 2)	Nil	0.0159	(11.2886)
4	Area rehabilitated out of 3 by afforestation, agri use, hutment etc	Nil	0.0159	11.2886
5	Area reclaimed by water harvesting (out of 2)	Nil	Nil	3.0646
6	Total area under dumps	0.1726	0.3464	Nil
7	Area under active dumps	Nil	Nil	Nil
8	Area under mineral/ mineral reject stack	Nil	1.2400	Nil
9	Area under Road (Outside pit)	0.0371	0.0371	Nil
10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	0.2000	1.8348
11	Area under infrastructure	Nil	0.0090	Nil
12	Undisturbed area	15.2251	8.5708	Nil
	Total in ha.	16.188	16.188	16.188

24. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.

25. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
26. The commitments made in the public hearing are to be fulfilled by the PP.
27. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
28. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.
29. The solar power will be used at the mine office for illumination.

(C) ENTIRE LIFE OF THE PROJECT

30. The proposed EMP cost is Rs. 17.50 Lakh and Rs. 12.50 Lakh /year are proposed as capital and recurring expenses respectively.
31. The CER activities are proposed, @ Rs. 6.0 Lakh per year for different activities and should be implemented through respective committees.
32. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
33. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
34. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
35. PP will comply All safety precautions and provisions of Mine Act,1952 as amended, Metalliferous Mines Regulation, 1961 and Mines Rules,1955 as amended will be strictly followed during all mining operations;
36. PP will comply with all the commitments made vide letter dated 01.04.2019.
37. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. Case No. - 5987/2019 M/s Ram Chandra Badri Prasad Gour, C/o Rajesh Jain (Partner), B.D.Agrawal ward, Civil Lines, PO & Dist. Katni, MP – 483501 Prior Environment Clearance for Limestone Mine in an area of 12.93 Ha. (550095 tonne per

annum) (Khasra No. 187, 188, 207P, 208, 210P, 211, 212P, 214, 215, 219P), Village - Amehta, Tehsil - Vijayraghgarh, Dist. Katni (MP)

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 187, 188, 207P, 208, 210P, 211, 212P, 214, 215, 219P), Village - Amehta, Tehsil - Vijayraghgarh, Dist. Katni (MP) 12.93 Ha. The project requires prior EC before commencement of any activity at site.

In this meeting the case was presented by the PP and their consultant wherein PP stated that:

- ❖ This is a case of capacity expansion.
- ❖ Earlier the environment clearance was previously granted for production capacity of 16,4,763 TPA of Limestone. The mine remained closed for extension in lease, CTE & CTO. CTO has been granted on 02/03/2019. In compliance of the Mines and Minerals (Development and Regulation) Amendment Ordinance, 2015 the ML area has been extended for 50 years period i.e from 11.05.1976 to 10.05.2026.
- ❖ The Modification in approved Mining Plan has been approved under Rule 17(3) of Minerals (Other than Atomic and Hydro carbons Energy Minerals) Concession Rules, 2016 for extension of the lease period up to 10.05.2026.
- ❖ Mining Plan is approved by Regional Controller of Mines, IBM , Jabalpur vide its letter no. MP/Katni/Limestone/Mod-32/18-19 dated 25/01/2019.
- ❖ The proposed total production capacity will be 5,50,095 TPA of Limestone and the life of mine will be 6 years of lease period.

Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. Ambient Air Quality Monitoring Stations should be located in all the villages which are within 01 kms radius of the project site and incremental GLC should be predicted in all such villages.
2. Concerned Regional Officer, MP Pollution Control Board must be informed about the monitoring locations and monitoring should be carried out under intimation to him.
3. In EIA study the mode of transportation, storage of fly ash, all raw materials and products should be discussed along with their impacts.
4. Protection Plan for surface run off should be discussed in EIA report.

5. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
6. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
7. Provision of crawler mounted machine shall be used if gradient crossing 1: 1.
8. Transportation plan & traffic management plan should be discussed in the EIA report.
9. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
10. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
11. Year wise details of minerals already excavated till date should be submitted with EIA report.
12. Hydro-geological study should be carried out if ground water intersection is proposed.
13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
18. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.

3. Case No. - 5988/2019 M/s Sikarwar Mining & Minerals, Pro. Shri Surendra Singh Sikarwar, Nagpur Road, Chhindwara, MP – 480001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.0 Ha. (5842 cum per annum) (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 201 dated: 08/02/19 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

4. Case No. - 5989/2019 Shri Vijay Juneja S/o Shri Ramsarandas Juneja, Jalaram Ward, Pandhurna, Dist. Chhindwara, MP – 480334 Prior Environment Clearance for Metal Stone Quarry in an area of 1.432 Ha. (10000 cum per annum) (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 238/4, 239), Village - Lavhana, Tehsil - Pandhurna, Dist. Chhindwara (MP) 1.432 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 173 dated: 02/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.296 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

5. Case No. - 5990/2019 M/s Sikarwar Mining & Minerals, Pro. Shri Surendra Singh Sikarwar, Nagpur Road, Chhindwara, MP – 480001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.0 Ha. (6484 cum per annum) (Khasra No. 545/1), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 545/1), Village - Khunajhirkhurd, Tehsil -

Mohkhed, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 200 dated: 08/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.00 ha., including this mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

6. Case No. - 5992/2019 Shri Omprakash Mewada, Village - Dehandi, Tehsil - Sujalpur, Dist. Shajapur, MP – 465683 Prior Environment Clearance for Stone Quarry in an area of 1.0 Ha. (4274 cum per annum) (Khasra No. 83/1 Part), Village - Amlar, Tehsil - Pachore, Dist. Rajgarh (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 83/1 Part), Village - Amlar, Tehsil - Pachore, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 316 dated: 14/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate distance from the lease area in meters	aerial Direction

Kacha Road	>10	West
River	>200	North -west
Settlement/ habitation	>500	South
Natural drain	approx 80	S-West

After presentation the committee asked to submit following details:

- Commitment from PP to mine advancement from South – north and face orientation will be west to east.
- Pumping of water occasionally and regular pumping should be carried out after 5th years onwards to dewatering the mine pit.
- Proposal of vocational training on mining methods and safe work practices for the workers in twice in a year.
- Revised water consumption chart for plantation.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 4,274 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.38 Lakh as capital and Rs 3.005 Lakh/year and under CSR Rs. 0.30 Lakh/years.

7. Case No. - 5993/2019 M/s Diamond Stone Crusher, Prop. Shri Shrikant Dixit, R/o Tukuriya Mohalla, Near Madiya Talab, Tehsil & Dist. Panna, MP – 488001 Prior Environment Clearance for Stone Quarry in an area of 1.60 Ha. (20,879 cum per annum) (Khasra No. 3266, 3268), Village - Bilghadi, Tehsil - Gunaur, Dist. Panna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3266, 3268), Village - Bilghadi, Tehsil - Gunaur, Dist. Panna (MP) 1.60 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter No. 252 dated: 20/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.802 ha., including this mine.

The case was presented by the PP and their consultant. During presentation PP submitted that crusher will not be installed in this lease area. After presentation the committee asked to submit following details:

- Revised site layout plan include garland drain, settling tanks with their respective dimensions.
- Proposal of vocational training on mining methods and safe work practices for the workers in twice in a year with indicated in the revised EMP cost.
- Revised water consumption chart for plantation.
- Revised CER cost.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,879 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.12 Lakh as capital and Rs 2.69 Lakh/year and under CSR Rs. 01.00 Lakh/years.

8. Case No. - 5994/2019 Shri Prabhat Kumar Mehta S/o Late Shri Prakash Chandra Mehta, Bada Bazaar, Narsingharh, Dist. Rajgarh, MP – 465669 Prior Environment Clearance for Stone Quarry in an area of 2.0 Ha. (33,748 cum per annum) (Khasra No. 425/6, 425/7 Part), Village - Bhojpuriya, Tehsil - Narsingharh, Dist. Rajgarh (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 425/6, 425/7 Part), Village - Bhojpuriya, Tehsil - Narsingharh, Dist. Rajgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 280 dated: 11/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that as per DFO certificate the lease is 8.250 km from Narsinghgarh Wildlife Sanctuary and 6.250 km. from Narsinghgarh Sanctuary Eco Sensitive Zone.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Kacha Road	>150	West
River	>300	West

During presentation it was also observed from the Google image (Feb., 2019) based on the co-ordinates provided by Pp that a crusher is in the process of installation adjacent to the lease and lease area is also excavated. PP submitted that the crusher belongs to the same PP which is being installed adjacent to the lease and they have started constructing ramp for the crusher and that's why excavated pit is appearing in the Google image. After presentation the committee asked to submit following details:

- Copy of CTE obtained for crusher installation shall be submitted by PP.
- Photographs of the lease showing actual situation.
- Details of pit on surface map created due to excavation of soil.
- Proposal of vocational training on mining methods and safe work practices for the workers in twice in a year with indicated in the revised EMP cost.

9. Case No. - 5991/2019 Shri Pushpraj Singh S/o Shri Awadhraj Singh, R/o Kodar, Tehsil - Nagod, Dist. Satna, MP – 485551 Prior Environment Clearance for Stone Quarry in an area of 1.08 Ha. (6000 cum per annum) (Khasra No. 2731, 2736, 2737, 2725), Village - Bilha, Tehsil - Gunour, Dist. Panna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2731, 2736, 2737, 2725), Village - Bilha, Tehsil

- Gunour, Dist. Panna (MP) 1.08 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2334 dated: 05/12/17 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that mine lease is in two parts and the crusher is situated outside the lease. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakka Road	Approx. 10 meters	West	Additional setback of 40 meters shall be left as non mining area.
Settlement/habitation	>200	North	Three rows plantation towards village side.

After presentation the committee asked to submit following details:

- Commitment from that mining in both blocks will advancement from north -South and face orientation will be east to west.
- Proposal of vocational training on mining methods and safe work practices for the workers in twice in a year.
- Revised water consumption chart for plantation.
- Revised location and dimensions of settling tanks in block B of mine lease area with revised cost in the EMP.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.
2. Additional setback of 40 meters shall be left as non mining area in the lease from the road.
3. Plantation in three rows plantation shall be carried out towards settlement/habitation side.
4. A budgetary provision for Environmental management Plan of Rs. 6.89 Lakh as capital and Rs 1.96 Lakh/year and under CSR Rs. 0.30 Lakh/years.

10. Case No. - 5979/2019 Shri Umesh Kumar Singh, Flat No. 301, Gangotri Apartment, Jawahar Nagar Extension, Gurudham, Varanasi, UP – 240147 Prior Environment Clearance for Stone Quarry in an area of 3.93 Ha. (2,00,000 cum per annum) (Khasra No. 251, 253, 263, 264), Village - Hardi, Tehsil - Sihawal, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 251, 253, 263, 264), Village - Hardi, Tehsil - Sihawal, Dist. Sidhi (MP) 3.93 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 983 dated 06/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Two Pakka Road	>200	South & East
River	>200	North -west
Canal type structure	>400	West
Natural drain	>300	North
Isolated houses	>200	South

During presentation, PP submitted that crusher is not proposed in the lease area. After presentation the committee asked to submit following details:

- Revised EMP incorporating budget for pakka road preparation.
- Commitment of PP that water will be sourced from the Panchayat after their approval.
- Revised CER for smart class and potable drinking water.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,00,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 14.755 Lakh as capital and Rs 9.07 Lakh/year and under CSR Rs. 5.0 Lakh/years.

11. Case No. - 5984/2019 Shri Dharamveer Lohan, Village - Kisalpuri, Tehsil - Dindori, Dist. Dindori, MP – 481882 Prior Environment Clearance for Crusher Stone Quarry in an area of 5.0 Ha. (100000 cum per annum) (Khasra No. 646, 648, 657, 659), Village - Kisalpuri, Tehsil - Dindori, Dist. Dindori (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 646, 648, 657, 659), Village - Kisalpuri, Tehsil - Dindori, Dist. Dindori (MP) 5.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 03 dated: 02/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was informed to the PP that being the lease is of 5.0 ha., they have to carry out EIA studies and also to conduct public hearing as per the recent OM of MoEF&CC issued vide letter dated 12/12/2018. PP submitted that they do not want to peruse with their case and would like to withdraw and have submitted

a request in writing for its withdrawal. Committee accepted the PP's request and recommends that the case may be delisted considering the request made by PP.

12. Case No. - 5985/2019 Shri Nagendra Singh Chouhan, S/o Shri Bhupendra Singh Chouhan, Village - Bagha, Tehsil - Sihora, Dist. Jabalpur, MP – 483222 Prior Environment Clearance for Murrum Deposit Mine in an area of 4.90 Ha. (40,000 cum per annum) (Khasra No. 13/1 P), Village - Hridyanagar, Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Murrum Deposit Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 13/1 P), Village - Hridyanagar, Tehsil - Sihora, Dist. Jabalpur (MP) 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Tracer letter No. NIL dated: 14/08/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, PP stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast manual and blasting is not proposed. The mine is on the hillock of 15 meters of height and the depth of mine shall be 08 meters above the ground level. The ultimate pit will be developed as water reservoir.

During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakka Road	>50	South	--
Isolated houses	>40	South	Thick three rows plantation towards habitation.

During presentation PP submitted that no blasting is proposed and they will carry out additional plantation towards habitations side as suggested by the committee. After presentation, PP was asked to submit:

1. Whether HT line crossing the lease area?
2. Revised EMP with include proposal for solar light.
3. Revised CER as suggested by the committee.
4. Revised plantation @1000/year as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Murrum as per mine plan with quantity not exceeding 40,000 cum/year.
2. Plantation in three rows plantation shall be carried out towards settlement/habitation side.
3. A budgetary provision for Environmental management Plan of Rs. 8.587 Lakh as capital and Rs 0.672 Lakh/year as recurring and under CSR Rs. 0.24 Lakh/years.

13. Case No. - 5986/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Sawanga, Tehsil - Sausar, Dist. Chhindwara, MP – 480108 Prior Environment Clearance for Sand Quarry in an area of 2.0 Ha. (42,735 cum per annum) (Khasra No. 230), Village - Sawanga, Tehsil - Sausar, Dist. Chhindwara (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 230), Village - Sawanga, Tehsil - Sausar, Dist. Chhindwara (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 315 dated: 25/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, committee observed an active river channel is flowing from south side of the lease in such condition how sand evacuation will be

considered. PP submitted that nearby the lease a crossway is available for sand evacuation which is at present used by villagers to cross the lease. PP further submitted that all the mining operations will be carried out manually and no machinery / vehicles will be deployed during mining operations. PP also submitted that no other mines are in operation in the nearby area and thus there is no additional transportation load. After presentation the committee asked to submit following details:

- Commitment for manual mining as submitted by PP during presentation and mode of evacuation without disturbing the flow of river.
- Revised EMP with include proposal for vocational training for workers and appropriate budget.

PP has submitted the response of above quarries same date vide letter dated 01.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 42,735 cum/year.
2. Only manual mining is permitted and for crossing lease, a temporary crossway shall be constructed to pass the free flow of river and during mining active water channel shall not be disturbed.
3. The temporary crossway shall be completely removed before monsoon.
4. A budgetary provision for Environmental management Plan of Rs. 7.81 Lakh as capital and Rs.2.36 Lakh/year and under CSR Rs. 2.64 Lakh/years.

14. Case No. - 5997/2019 Ku. Rashmi Vaidh, Bijawar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 3.890 Ha. (22,540 cum per annum) (Khasra No. 1084, 1097, 1110, 1111, 1112, 1113), Village - Tai, Tehsil - Amanganj, Dist. Panna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1084, 1097, 1110, 1111, 1112, 1113), Village - Tai, Tehsil - Amanganj, Dist. Panna (MP) 3.890 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 334 dated: 27/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.64 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakka Road	>35	North	Additional setback of 15 meters shall be left as non mining area.

During presentation it was observed by the committee that the sanctioned lease is in three parts for which PP submitted that at Khasra no. 1108 dump, offices and other facilities will be developed, at Khasra no. 1184 plantation will be carried out and on remaining Khasra (1097, 1110, 1111, 1112, 1113, 1114, 1109, 1161/3, 1109/4, 1161/4) mining will be carried out. PP further stated that crusher is also proposed in the lease for which committee recommends that crusher shall be installed minimum 100 meters away from the road and 500 meters away from the nearest habitation with 03 meters MS wind breaking wall. It was also observed that a tree is in existence on the eastern side of the lease for which PP submitted that this tree will not be uprooted and will be protected. After presentation the committee asked to submit following details:

- Commitment of PP that the bench configuration shall be 3meter X3meter.
- Revised EMP with include proposal for vocational training for workers and appropriate budget.
- Revised CER include proposal for water filter and furniture for school in the affected village.
- Location of crusher on surface map.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the

case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 22,540 cum/annum.
2. Mining shall be carried out only on Khasra number 1097, 1110, 1111, 1112, 1113, 1114, 1109, 1161/3, 1109/4, 1161/4.
3. Additional setback of 15 meters shall be left as non mining area in the lease due to road.
4. A budgetary provision for Environmental management Plan of Rs. 5.545 Lakh as capital and Rs 1.58 Lakh/year and under CSR Rs. 0.90 Lakh/years.

15. Case No. - 5998/2019 Shri Harisingh Vishwakarma, R/o Village Bhenkheda, Post - Kotra Chopra, Tehsil - Berasia, Dist. Bhopal, MP. Prior Environment Clearance for Crusher Stone Quarry in an area of 2.0 Ha. (6,000 cum per annum) (Khasra No. 75/1 Parts), Village - Kotra, Tehsil - Berasia, Dist. Bhopal (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 75/1 Parts), Village - Kotra, Tehsil - Berasia, Dist. Bhopal (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 84 dated 07/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, It was observed a mined out pit is in existence within the lease area. PP stated that this was old pit and it was already existed at the time of allotment of lease and same has been shown on surface map. Following sensitive feature was observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Kachha Road	>18	East

PP further stated that crusher is also proposed in the lease for which committee recommends that crusher shall be installed minimum 100 meters away from the road and 500 meters away

from the nearest habitation with 03 meters MS wind breaking wall. After presentation the committee asked to submit following details:

- Revised CER include proposal for water filter and for school in the affected village.
- Revised EMP incorporating proposal for VT.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.20 Lakh as capital and Rs 1.56 Lakh/year and under CSR Rs. 0.30 Lakh/years.

16. Case No. - 6000/2019 Shri Balendra Singh, S/o Ramnarayan Singh, R/o Pawai, Tehsil - Pawai, Dist. Panna, MP. Prior Environment Clearance for Flag Stone Quarry in an area of 1.07 Ha. (3649 cum per annum) (Khasra No. 149/3, 149/5), Village - Ghutchi, Tehsil - Pawai, Dist. Panna (MP)

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 149/3, 149/5), Village - Ghutchi, Tehsil - Pawai, Dist. Panna (MP), area- 1.07 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 342 dated: 27/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Habitation	>80	South-West

Tree	Within lease	South -East
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PP further submitted that no drilling and blasting is proposed. It was also observed that forest area in within 100 meters of the lease for which PP has obtained Divisional Commissioner Level Committee approval in their meeting dated 24/03/2018. After presentation, PP was asked to submit:

1. Inventory of the trees within the lease with commitment of PP that no tree cutting is proposed.
2. Revised EMP with include proposal for vocational training for workers and appropriate budget.
3. Revised CER include proposal for water filter and Book Library for the school in the affected village.

Vide letter dated 01.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flag Stone 3,649 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 2.54 Lakh as capital and Rs 1.38 Lakh/year and under CSR Rs. 0.20 Lakh/years.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Shri Prashant Srivastava)
Member

(Dr. J. P. Shukla)
Member

(Dr. Sonal Mehta)
Member

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
2. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
3. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
4. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
7. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
10. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
11. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
12. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
13. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.

14. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
15. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
16. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
17. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
20. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
21. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
22. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
23. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.

8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

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.

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 CSR 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 CSR 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.

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.

25. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
26. Detailed analysis of availability and quality of the drinking water resources available in the block.
27. 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.
28. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.