

The 381st meeting of the State Expert Appraisal Committee (SEAC) was held on 08rd July, 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. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Shri R. S. Kori, Secretary.

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

1. Case No. - 5635/2017 Shri Pooran Lal Vishwakarma, R/o Jalpa Devi Ward, Gautam Lane, Katni, MP Prior Environment Clearance for Bauxite Laterite and Fireclay Mine in an area of 4.69 Ha.. (1,00,000 ton per annum) (Khasra no.404, 413, 414, 415, 416, 417, 418) at Village- Tikariya, Tehsil - Murwara, Dist. Katni (MP)

This is case of Bauxite Laterite and Fireclay Mine. The proposed site is located at (Khasra no.404, 413, 414, 415, 416, 417, 418) at Village- Tikariya, Tehsil - Murwara, Dist. Katni (MP) 4.69 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no.1564 dated 18/01/2018.

The case was presented by the PP and their consultant and during presentation following details were provided:

S, No	Particulars	Details
1	Name of the project & its location:	Tikariya Bauxite, Laterite and Foreclay Mines of 4.69 ha at Khasra No. 404, 413, 414, 415, 416, 417, 418 village Tikariya , Tehsil – Murwara, District Katni (M.P.)
2.	Name of the Company, Address Tele No. & E-mail :	Shri Pooranlal Vishwakarma Jalpadevi Ward, P.O. Katni District Katni (M.P.) – 483501 Mob. No. 9893058758 Email: vishwakaramaminingco@yahoo.com
3	Latitude and Longitude of the project	23⁰44'01.6" to 23⁰43'56.5" N 80⁰24'18.3" to 80⁰24'12.5" E

4	If a Joint venture, the names & addresses of the JV partners including their share	Shri Pooranlal Vishwakarma - Leasee (Individual Leasee)
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Tikariya Bauxite, Laterite and Fireclay Mines of 4.69 ha is a existing mine. The nearest village is Tikariya at 1.0 km, NH-7 is 8.0 km from mine. The mine is connected by Niwar-Tikariya Village Road to Niwar –Piprod then NH-7 by Tar Road.
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project :	50.0 Lakh
8	Employment generated/to be generated:	25 Nos.
9	Benefits of the project:	The District will get the revenue in from of royalty from mine, and employment is being generated.
10	Whether new or expansion project .If expansion:	It's a new proposal for EC for the existing mine, The mine has Consent under water & Air Acts from MPPCB till March 2016
11	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF.	Not applicable
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.	Applied for approval of TOR
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).	The case is considered for approval of TOR in 307 th SEAC meeting dtd. 23/02/2018
16	Type of Mine: (Open cast/Underground/mixed):	Open cost
17	Capacity of the mine applied for	Capacity- 100000 ton/annum – Bauxite, Latrite and Fireclay
18	ML Area i. As per block allotment ii. As per approved mine plan	ML area is 4.69 ha

19	Date of approval of mine plan, mine closure plan, status & date	Scheme of mining Approved by IBM vide letter No. 1560 dtd. 13/03/2014
20	Date of Board's approval:	Not applicable
21	Date of Ground water clearance:	Not applicable as only 7.5 kld water required in mines and source of water is mine pit water.
22	Date of mine closure approval	Mine is operative mine and mine closure plan shall be submitted later on.
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Budget for EMP is proposed Rs. 1,25,000.00 per year and budget for CSR will be Rs, 1,60,000.00 per year.
24	Number of plantation with name of species proposed in area allotted for plantation with budgetary provision.	2500 Nos of plants & species of Mango, Neem , Karanj, Subabool , Pipal, etc. shall be planted in 1.5 ha area in ML
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	No

During presentation in 307th SEAC meeting dated 23/02/2018, PP informed that the lease area is quite old and worked earlier: It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. During monitoring activities, appropriate photographs with date should be taken by and submitted along with the EIA Report.
2. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer (with documentary and pictorial proof).
3. Top soil management plan be discussed in the EIA report.
4. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
5. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
7. Any alternate route avoiding the nearby habitations (if any).
8. Land use plan should be plotted on the map.
9. 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.

10. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
11. 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.
12. 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.
13. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
14. The EIA document shall be printed on both sides, as far as possible.
15. All documents should be properly indexed, page numbered.
16. Period/date of data collection should be clearly indicated.
17. The letter /application for EC should quote the SEIAA file No. and also attach a copy of the letter prescribing the TOR.
18. 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.
19. 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.
20. Grant of TOR does not mean grant of EC.
21. 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.
22. 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.
23. 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.

PP has submitted the EIA report vide letter dated 19/05/2019 which was forwarded through SEIAA vide letter no. 848 dated 24/05/2019.

EIA was presented by the PP and their consultant the salient features of the project are as given below:

- Topography of the area is undulating and three small hillocks are located in northern part, whereas one small hillock is located along the south eastern part of the area. Highest elevation of the area is 433m in north western part whereas lowest elevation in the area is 416m in south eastern part. Elevation difference between lowest and highest elevation is 17m. General slope of the area is towards south east, shown in surface plan. Drain water flow along the slope and finally gets merge in to Sumrar tank located 2.8 km in SE direction.
- Handling of Waste/ Subgrade Material**
Details of Waste generation during the proposed mining from the Old stack are mentioned below:
ST- 1: $26 \times 6 \times 1\text{m} = 156 \text{ m}^3$
ST- 2: $55 \times 25 \times 2\text{m} = 2750 \text{ m}^3$
ST- 3: $110 \times 50 \times 5\text{m} = 27500 \text{ m}^3$
ST- 4: $34 \times 12 \times 2\text{m} = 816 \text{ m}^3$
ST- 5: $100 \times 100 \times 6.5\text{m} = 65000 \text{ m}^3$
Total – $96222 \text{ m}^3 \times 50\% + 48111 \text{ m}^3 \times 112\% = 53884 \text{ m}^3$ Available qty of Waste for backfilling of already excavated 1475 m^2 , having 2m thickness.
- No top soil is likely to be generated.
- Mining Method: The Mining Operations are being carried out by open cast semi mechanized method.
- Blasting: Mineral is soft nature hence blasting is not required.

PROPOSED PLANTATION DURING MINING

Proposed Plantation Detail			
1.	Description	Qty	Location
2.	Forest Trees		
	Neem	1000	Along the lease Boundary in mine premises and aproach road
	Kachnar	300	Along the lease Boundary in mine premises and transportation route
3.	Ornamental Trees		
	Amaltash	500	Along the transportation road

	Gulmohar	500	Along the transportation road/ in premises
	Karanj	300	Along the lease Boundary in mine premises and transportation road
4.	Fruit Trees & Ornamental		
	Awala	200	In mine premises
	Mango	200	In mine premises
5.	Medicinal Trees		
	Drum Stick	200	Along the lease Boundary in mine premises
6.	Commercial value Trees		
	Sisam (Sissoo)	200	Along the lease Boundary in mine premises and transportation road
	Mahua	100	Along the lease Boundary in mine premises and transportation road
	TOTAL	3500	

Existing Trees in ML

S.No.	Tree	Quantity
1.	Mahua	8
2.	Neem	16
3.	Mango	2
4.	Karanj	4

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

1. Top soil management plan.
2. Revised EMP activities with appropriate budget for vocational training with appropriate budget as suggested during presentation by the committee.
3. Revised CER activities with appropriate budget.
4. De-watering and silt management plan as mine is not in operation since year 2014.
5. PP commitments that no schedule -I species (flora & fauna) is found in the study area.
6. Revised plantation peoposal for 4000 nos.

PP has submitted the response of above quarries vide letter dated 24.10.2018 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 and Fireclay Mine in an area of 4.69 Ha.. (1,00,000 ton per annum) (Khasra no.404, 413, 414, 415, 416, 417, 418) at Village-Tikariya, Tehsil - Murwara, Dist. Katni. (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. No drilling and blasting shall be carried out.
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 4000 nos. of trees will be planted along and within the ML.
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 drain will be 2 Nos. X 130m x 1.5mx1m. The settling tank will be one in number of size 2m x2mx 1m with soak Pit of 1m dia x 1m depth. This shall be provided for proper sedimentation.
17. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.
18. Transportation road shall be made pucca.
19. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
20. 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.
21. The existing and proposed land use plan of the mine is as follows:

Items	Existing	At the end of conceptual period
Total lease area	4.69 ha	
Total minable reserve	873110 T	
Ultimate depth of mining	6m- 7m	20 m bgl (408 mRL)
Area under dumps	Nil	Nil
Area under pits	1.7610 ha	2.541 ha
Plantation	Nil	1.547 ha
Road	Nil	0.1 ha
Infrastructure	Nil	Nil
Area Reclaimed by water harvesting	-	1.00 ha

22. 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.
23. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
24. The commitments made in the public hearing are to be fulfilled by the PP.
25. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
26. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

27. The solar power will be used at the mine office for illumination.

(C) ENTIRE LIFE OF THE PROJECT

28. The proposed EMP cost is Rs. 16.158 lacks and Rs. 2.094 lacks /year are proposed as capital and recurring expenses respectively.

29. Under CSR activity, Rs. 2.50 lacks and Rs. 01.0 lacks /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.

30. 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.

31. 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.

32. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

33. PP will comply with all the commitments made vide letter dated 08.07.2019.

34. 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. – 6328/2019 Shri Awdhesh Kumar Sahu S/o Shri Raghuvir Prasad Sahu, Village - Belai Ghat, Tehsil - Sagar, Dist. Sagar, MP Prior Environment Clearance for Stone Quarry in an area of 1.70 ha. (6000 cum per annum) (Khasra No. 317 Part), Village - Belai Ghat, Tehsil - Sagar, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 317 Part), Village - Belai Ghat, Tehsil - Sagar, Dist. Sagar (MP) 1.70 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. 1436 dated: 07/09/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.90 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.

3. **Case No. – 6330/2019 Shri Ramesh Agrawal S/o Shri Bisenlal Agrawal, Akbar Ward, Barapathar, Dist. Seoni, MP – 480661 Prior Environment Clearance for Metal Stone Quarry in an area of 1.950 ha. (21513 cum per annum) (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP) 1.950 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. 1983 dated: 05/02/19 has reported that there is 05 more mine operating or proposed within 500 meters around the said mine with total area of 14.65 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. – 6337/2019 Smt. Archana Pandey W/o Shri Vivek Pandey, 25/41, Chanakya Nagar, Vyankat Batalion, Tehsil - Huzur, Dist. Rewa, MP – 486001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (10944 cum per annum) (Khasra No. 531/1), Village - Sakarwat, Tehsil - Huzur, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 531/1), Village - Sakarwat, Tehsil - Huzur, Dist. Rewa (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. 3531 dated: 23/04/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine with total area of 3.7 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	125	SW to NW	-
Road	>250 , >300 & 227	South, East & North	Two rows plantation.

After presentation the committee asked to submit following details:

- Revised dimension of settling tanks.
- Revised EMP with inclusion of budget PPEs, and cost of soil transportation.
- Revised CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 10,944 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.70 Lakh as capital and Rs. 2.54 Lakh/year and under CSR Rs. 0.65 Lakh as capital has proposed.

5. Case No. – 6338/2019 Shri Janardan Tiwari S/o Shri Geeta Prasad Tiwari, Village - Khamariya, Post - Bholagarh, Tehsil - Huzur, Dist. Rewa, MP – 486001 Prior Environment Clearance for Stone Quarry in an area of 1.555 ha. (11543 cum per annum) (Khasra No. 93/2/2, 93/3/2, 93/4/1, 94/2/2, 94/3/2, 94/4/1), Village - Khamahariya, Tehsil - Huzur, Dist. Rewa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 93/2/2, 93/3/2, 93/4/1, 94/2/2, 94/3/2, 94/4/1), Village - Khamahariya, Tehsil - Huzur, Dist. Rewa (MP) 1.555 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. 3532 dated: 23/04/19 has reported that there is 02 more mine operating or proposed within 500 meters around the said mine with total area of 3.888 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Village Road	>120	South	Two rows plantation.
Settlement	>300	South –east	

After presentation the committee asked to submit following details:

- Revised location of settling tanks as per contour.
- Revised EMP with inclusion of budget PPEs, and cost of soil transportation.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 11,543 cum per annum.
 2. A budgetary provision for Environmental management Plan of Rs. 8.51Lakh as capital and Rs. 2.74 Lakh/year and under CSR Rs. 0.65 Lakh as capital has proposed.
6. **Case No. – 6341/2019 M/s Speed Infrastructure Pvt. Ltd, Shri Kumar Harsh, A-5, Yashoda Vihar, Chuna Bhatti, Kolar Road, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Crusher Stone Quarry in an area of 3.108 ha. (14,112 cum per annum) (Khasra No. 60/4), Village - Hanumana, Tehsil - Hanumana, Dist. Rewa (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 60/4), Village - Hanumana, Tehsil - Hanumana, Dist. Rewa (MP) 3.108 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 (Ekal Praman Patra) No. 4093 dated: 28/05/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Toll Plaza	>100	North -west	Three rows plantation.
Settlement	>300	South –west	

After presentation the committee asked to submit following details:

- Revised location of settling tanks as per contour.
- Commitment that mine will progress from south to north due to existance of settlement on south west side and crusher will be installed outside of lease area.
- Revised EMP with inclusion of wind breaking wall, PPEs with appropriate budget.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 14,112 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.44 Lakh as capital and Rs. 3.44 Lakh/year and under CSR Rs. 1.05 Lakh as capital has proposed.

7. Case No. – 6342/2019 Shri Usman Ali S/o Shri Majnu Bhai, 08, Agrwal Market, Chopal, Dist. Sonbhadra, UP – 486886 Prior Environment Clearance for Stone Quarry in an area of 3.59 ha. (45,350 cum per annum) (Khasra No. 266, 265, 264/6, 264/4, 267/1), Village - Tenduhaa, Tehsil - Chitrangi, Dist. Singrauli (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 266, 265, 264/6, 264/4, 267/1), Village - Tenduhaa, Tehsil - Chitrangi, Dist. Singrauli (MP) 3.59 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 Tehsildar Office letter No. 2397 dated: 14/08/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Three Isolated houses	Within the lease and	-	R & R plan shall be submitted by PP.
Isolated houses	Around the lease area.		Some hutments inside the

			lease area for which PP submitted that they have made agreement for their shifting thus necessary supporting documents shall be submitted.
Trees	within the lease		Commitment of PP that permission shall be taken before felling from the competent authority.

After presentation the committee asked to submit following details:

- Commitment of PP that permission shall be taken before felling from the competent authority.
- Three hutments inside the lease area for which PP submitted that they have made agreement for their shifting thus necessary supporting documents shall be submitted.
- Revised dimensions of settling tanks as suggested by committee.
- Revised EMP with inclusion of wind breaking wall, PPEs with appropriate budget.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 45,350 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 35.63 Lakh as capital and Rs. 6.38 Lakh/year and under CSR Rs. 02.20 Lakh as capital has proposed.

8. Case No. – 6331/2019 Shri Krishna Nayak S/o Shri N.N.Nayak, Behind of Hanuman Toriya, Bakayan Marg, Dist. Chhatarpur, MP – 471105 Prior Environment Clearance for Stone Quarry in an area of 2.4280 ha. (30,000 cum per annum) (Khasra No. 437/1/1, 437/1/2, 437/1/3, 437/2/1, 437/2/2), Village - Bhuleraa, Tehsil - Rajnagar, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 437/1/1, 437/1/2, 437/1/3, 437/2/1, 437/2/2), Village - Bhuleraa, Tehsil - Rajnagar, Dist. Chhatarpur (MP) 2.4280 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. 2384 dated: 21/05/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees	within the lease		Commitment of PP that permission shall be taken before felling from the competent authority.
Village road	10	NW	Three rows of plantation.

During presentation it was also observed that on the southern side of the lease dense plantation exists for which PP was asked to leave this area as non mining area. PP submitted that he will leave this area as non mining area and for other trees in the lease, PP submitted that these are shrubs and if any tree species is found, permission from competent authority will be obtained before uprooting them. After presentation the committee asked to submit following details:

- Commitment that permission from competent authority will be obtained before uprooting trees except on southern side.

- Commitment that 25 meters area to be left as non-mining area on the southern side due to existence of trees.
- Revised surface map showing 25 meters area to be left as non-mining area on the southern side due to existence of trees.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 30,000 cum per annum.
2. 25 meters area to be left as non-mining area on the southern side due to existence of trees.
3. A budgetary provision for Environmental management Plan of Rs. 14.88 Lakh as capital and Rs. 5.58 Lakh/year and under CSR Rs. 0.30 Lakh as capital has proposed.

9. Case No. – 6325/2019 M/s Shri Pitambra Minerals, Smt. Asha Gupta W/o Shri Narendra Kumar Gupta, R/o 814/1, C.P.Mission Compound, Dist. Jhansi, UP – 472442 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.0 ha. (15000 cum per annum) (Khasra No. 27/11), Village - Asati Jungle, Tehsil - Niwari, Dist. Niwari (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 27/11), Village - Asati Jungle, Tehsil - Niwari, Dist. Niwari (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. 1300 dated: 10/08/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
06 nos. of Trees	within the lease		PP submitted that this area shall be as no mining area.
Village road	10	South	Three rows of plantation.
Pucca road	>100	East	

PP stated that the lease area where trees are existed and top soil is in abundant this area shall be kept intact and shall be as no mining area. This area calculated approximately 0.35 ha. After presentation the committee asked to submit following details:

- Commitment that 0.35ha area will be left as non-mining area on the western side due to existance of trees.
- Revised surface map showing 0.35ha area to be left as non-mining area on the western side due to existance of trees.
- Commitment that approx. 800 additional trees will be planted in the area declared as non-mining area.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 15,000 cum per annum.
2. 0.35ha area to be left as non-mining area on the western side due to existance of trees.
3. A budgetary provision for Environmental management Plan of Rs. 8.28 Lakh as capital and Rs. 5.29 Lakh/year and under CSR Rs. 3.0 Lakh as capital and 0.60 Lakh /years up to 5 years as recurring has proposed.

10. Case No. – 6326/2019 M/s Shri Pitambra Minerals, Smt. Asha Gupta W/o Shri Narendra Kumar Gupta, R/o 814/1, C.P.Mission Compound, Dist. Jhansi, UP – 472442 Prior Environment Clearance for Crusher Stone Quarry in an area of 3.0 ha. (50000 cum per annum) (Khasra No. 387/1), Village - Ganj, Tehsil - Niwari, Dist. Niwari (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 387/1), Village - Ganj, Tehsil - Niwari, Dist. Niwari (MP) 3.0 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. 256 dated: 16/05/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
06 nos. of Trees	within the lease		PP submitted that this area shall be as no mining area.
Settlement	60	North – east	Three rows of plantation.
Pucca road	>100	East	

PP stated that the lease area where trees are exists (eastern side) shall be kept intact and shall be maintained non mining area. Further a village is in existence at a distance of 60 meters on the north-eastern side of the lease. Thus due to existence of trees and settlements, approximately 0.70 ha., shall be left as non mining area. After presentation the committee asked to submit following details:

- Revised surface map showing 0.70 ha area to be left as non-mining area on the north-eastern side due to existence of trees and settlements.
- OB & waste management plan.
- Riveted EMP & CER.

PP has submitted the response of above quarries same date vide letter dated 10.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 50,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 35.98 Lakh as capital and Rs. 6.83Lakh/year and under CSR Rs. 30.0 Lakh has proposed.

11. Case No. – 6346/2019 Shri Bapu Lal Dangi S/o Shri Hazari Lal Dangi, Kashikhedi, Tehsil - Jeerapur, Dist. Rajgarh, MP – 465691 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.0 ha. (18000 cum per annum) (Khasra No. 747/1), Village - Batawada, Tehsil - Jeerapur, Dist. Rajgarh (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 747/1), Village - Batawada, Tehsil - Jeerapur, 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. NIL dated: NIL has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Koltar Plant	>125	East	Three rows of plantations.
Pucca road	>400	East	
Settlement	>500	East	

After presentation the committee asked to submit following details:

- Revised plantation scheme.
- Revised CER based on actual project cost.

PP has submitted the response of above quarries same date vide letter dated 80.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 18,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.99 Lakh as capital and Rs. 5.44 Lakh/year and under CSR Rs. 7.5 Lakh as capital and 1.5 Lakh /years as recurring cost has proposed.

12. Case No. – 6319/2019 Shri Shakti Bundela, Ward no. 10, Suryanchal Gadi Gram, Post - Ghuwara, Dist. Chhatarpur, MP – 471313 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (21647 cum per annum) (Khasra No. 351), Village - Bamnora Kalan, Tehsil - Ghuwara, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 351), Village - Bamnora Kalan, Tehsil - Ghuwara, Dist. Chhatarpur (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 Mining Inspector letter No. NIL dated: 30/07/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.0 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.

13. Case No. – 6327/2019 M/s Golhani Traders, Shri Raju Sahu S/o Shri Tulsiram Sahu, Village - Pandupipriya, Tehsil - Tamia, Dist. Chhindwara, MP – 480001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5700 cum per annum) (Khasra No. 240), Village - Pandupipriya, Tehsil - Tamiya, Dist. Chhindwara (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 240), Village - Pandupipriya, Tehsil - Tamiya, 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. 344 dated: 27/02/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.0 ha., including this mine. During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
05 nos. of Trees	within the lease		Permission of tree felling shall be taken from the competent authority
Pucca road	>300	East	Three rows of plantation.

PP stated that the lease area is on slightly on upland which is undulating in nature. After presentation the committee asked to submit following details:

- Land owners agreement.
- Revised surface plan showing existing pit.

PP has submitted the response of above quarries same date vide letter dated 08.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 5700 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.52Lakh as capital and Rs. 2.64 Lakh/year and under CSR Rs. 1.0 Lakh as capital has proposed.

14. Case No. – 6324/2019 Shri Taranjeet Singh Bedi S/o Shri Amarjeet Singh Bedi, Sheikhanpura, Dist. Chhindwara, MP – 480001 Prior Environment Clearance for Stone Quarry in an area of 1.236 ha. (10000 cum per annum) (Khasra No. 352/1, 354/2), Village - Bhanadehi, Tehsil - Chhindwara, Dist. Chhindwara (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 352/1, 354/2), Village - Bhanadehi, Tehsil - Chhindwara, Dist. Chhindwara (MP) 1.236 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. 614 dated: 30/03/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.236 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Electric Tower	>180	NW	Three rows of plantation.
Pucca road	>300	NW	

PP stated that the lease area is on slightly on upland which is undulating in nature. After presentation the committee asked to submit following details:

- Revised EMP with inclusion of additional cost of plantation as 500 nos.
- Riveted CER with inclusion of smart class.

PP has submitted the response of above quarries same date vide letter dated 08.07.2019, 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone Quarry 10, 000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.70 Lakh as capital and Rs. 2.64Lakh/year and under CSR Rs. 0.75 Lakh as capital has proposed.

15. Case No. – 6340/2019 Shri Manoj Kumar Kushwah S/o Shri Narayan Prasad Kushwah, Village - Dhamasa, Tehsil - Dolariya, Dist. Hoshangabad, MP – 461223 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (10160 cum per annum) (Khasra No. 60/2), Village - Dhamasa, Tehsil - Dolariya, Dist. Hoshangabad (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 60/2), Village - Dhamasa, Tehsil - Dolariya, Dist. Hoshangabad (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. 1422 dated: 02/01/19 has reported that there is no more mine 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	Remarks

Road	>280	East	-
Settlement	>400	NE	Three rows of plantation.
Natural Drain	25	South	Setback of 25 meters.

PP further stated that no blasting is proposed and only manual mining shall be carried out. After presentation the committee asked to submit following details:

1. Revised EMP by adding by adding tanker sprinklers supply.
2. A drain exists on the southern side of the lease thus 25 meters setback is to be left for which revised surface map is to be submitted.

16. Case No. – 6339/2019 M/s Jain Stone Crusher, Shri Rounak Jain, 32, Banapura, Seoni Malwa, Dist. Hoshangabad, MP – 461223 Prior Environment Clearance for Metal Stone Quarry in an area of 1.821 ha. (10388 cum per annum) (Khasra No. 217/2), Village - Borkunda, Tehsil - Seoni Malwa, Dist. Hoshangabad (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 217/2), Village - Borkunda, Tehsil - Seoni Malwa, Dist. Hoshangabad (MP) 1.821 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. 1423 dated: 02/01/19 has reported that there is no more mine 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	Remarks
Pucca road	>55 & >400	SW & SE	Three rows of plantation.
Settlement	>400	SE	Three rows of plantation.

PP further stated that no blasting is proposed and only manual mining shall be carried out. After presentation the committee asked to submit following details:

1. Revised CER by adding smart class and name of villages.
2. Revised plantation schemes.
3. Revised EMP with inclusion of dimension of Garland drain and settling tanks and surface map showing location of settling tanks and garland drains as per the contour.

17. Case No. – 6329/2019 Shri Siddharth Paliwal S/o Shri Sushil Paliwal, Ward No. 22, Tehsil & Dist. Balaghat, MP – 480887 Prior Environment Clearance for Metal Stone Quarry in an area of 3.0 ha. (44998 cum per annum) (Khasra No. 514/2 Part), Village - Parasiya, Tehsil - Seoni, Dist. Seoni (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 514/2 Part), Village - Parasiya, Tehsil - Seoni, Dist. Seoni (MP) 3.0 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. 2158 dated: 06/03/19 has reported that there is no more mine 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	Remarks
Natural stream	138	South	--
Kachcha road	>200	NW	--

PP further stated that no blasting is proposed and only manual mining shall be carried out. After presentation the committee asked to submit following details:

1. Revised CER by adding movable smart class and name of villages.
2. Revised plantation schemes.
4. Revised EMP with inclusion of dimension of Garland drain and settling tanks and surface map showing location of settling tanks and garland drains as per the contour.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(Dr. J. P. Shukla)
Member

(R. S. Kori)
Secretary

(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. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. 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.
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. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. 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.
6. 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.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. 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.
9. No Mining shall be carried out during Monsoon season.
10. 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.
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 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.

12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. 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.
16. 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.
17. 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.
18. 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.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. 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.
23. 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.
24. 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.