

The 423rd meeting of the State Expert Appraisal Committee (SEAC) was held on 11th February, 2020 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. – 5684/2018 Shri Harish Khandelwal, S/o Shri Ranchordas Khandelwal, 138/G, Vallabh Bhai Patel Marg, Main Dhar Road, Ward No. 3, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Limestone Mining Project in an area of 4.502 Ha. (8000 cum per annum) (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP).**

This is case of Limestone Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP) 4.502 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. 740 dated 22/5/2018.

Earlier this case was scheduled for presentation and discussion in 315th SEAC meeting dated 18/06/2018 where ToR was recommended. PP has submitted the EIA report vide letter dated 09/01/2020 which was forwarded through SEIAA vide letter no. 4023 dated 16/01/2020.

The case was scheduled in the 420th SEAC meeting dated 27/01/2020 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.

The case was scheduled again for 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. PP was also

absent in the 420th SEAC meeting dated 27/01/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

2. Case No 6768/2020 M/s. MOIL Limited, Formerly Manganese Ore (India) Ltd, "MOIL Bhawan", 1A, Katol Road, Dist. Nagpur, Mah. – 440013 Prior Environment Clearance for Manganese Mine in an area of 76.409 ha. (1,50,000 tonne per annum) Village - Awaljhari & Bharveli,, Tehsil - Balaghat, Dist. Balaghat (MP)

This is case of Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village - Awaljhari & Bharveli,, Tehsil - Balaghat, Dist. Balaghat (MP) 76.409 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant, the presentation commenced with background of the project and salient features of the mine:-

- This is a case of major mineral of Manganese underground mining.
- M/s. MOIL Limited has proposed mining of Manganese ore in Awaljhari and Bharveli Villages, Balaghat Tehsil, Balaghat District, Madhya Pradesh.
- Mining Lease was granted for a period of 50 years by Department of Mineral Resources, Government of M.P. vide letter no.F-3-25/2013/12/2, dated 24.09.2015.
- The Mining plan of Bharveli, Awaljhari Manganese Mine for the leasehold area of 76.409 Ha was approved by IBM, Nagpur Regional Office vide L.No.BM/MN/MPLN-1166/NGP/2015, dated 21/03/2016.
- The Mining lease has been executed for 50 years.(16.08.2016 to 15.08.2066) .
- The capacity of the proposed Underground Manganese mine is 1,50,000TPA.
- As per EIA notification 2006 and its subsequent amendment the project falls under category B1 and project proponent has submitted the proposal to get Clearance for 76.409 ha. Lease area from SEIAA, Madhya Pradesh for the purpose of grant of Environmental clearance.

Details	Measurement	Data nature	Source
Name of project	Bharveli,Awaljhari Manganese Mine	Primary (Khasra Numbers)	Lease grant notice and approved mine plan
Location	Awaljhari and Bharveli Village, Balaghat Tehsil ,Balaghat District, Madhya Pradesh.		

Name of Proponent	M/s. MOIL Limited, MOIL Bhavan, A-1, Katol Road, Nagpur, Maharashtra-440013.	Primary	
Status of Mine	New	Primary	
Topo Maps	64 C/1&5 (Lease area)	Primary	
Type of Land	Private Land & Revenue Land	Primary	
Activity	Mechanized Underground mining method of Manganese Mine @ 1,50,000 TPA	Secondary	Approved mining plan
Cost of the Project	Rs.30 Crores	Primary	Proponent
Area of lease	76.409 Ha.	Secondary	Lease grant
Nearest village and Habitation	Bharveli and Awaljhari Village Balaghat – 6 km (SW)	Secondary	Based on Google map and SOI topo map and From village heads
In Principle Mining Lease approval	Letter no.F-3-25/2013/12/2 ,dated 24-09-2015	Primary	Bhopal , M.P
Mine plan approval No.	L.No.BM/MN/MPLN-1166/NGP/2015,dated 21/03/2016	Primary	IBM ,Nagpur
Lease execution	16.08.2016 to 15.08.2066	Primary	Collector Balaghat
Lease Period	50 years	Primary	From MRD,Bhopal,M.P
Method of mining	Underground Mechanized mining	Primary	Mining Plan
Screening Category as per EIA Notification dated 14.09.2006 and its subsequent amendment	Category “B1”, Project or Activity 1(a)	--	EIA Notification 2006 and its subsequent amendment
Road access	SH No. 26 - Balaghat to Baihar state highway - Adjacent	Secondary	SOI Topomap and Google map/ Approved mining plan/Letter from Collector
Approach road	Mine is also connected with Jabalpur, Raipur and Mandla	Secondary	
Rail network	Balaghat Railway Starion -6.0 Km (SW)	Secondary	

Nearest Airport	Nagpur Airport-144 Km (SW)		
Inter State Boundary	Project site- Chhattisgarh – 52 km (E) Project Site- Maharashtra –21 km (S)	Secondary	
Rainfall of area	The Average yearly Rainfall in the area ranges from 125 to 165 cm	Secondary	From Meteorology Dept./Dist books etc.
Details of production and waste	1,50,000 TPA – production 9203 m ³ Waste for five years	Secondary	From mine plan. waste quantity recalculated on recovery basis
Recovery claimed M:W	70:30	Secondary	From Mine plan
No. of working days	300 days	--	--
Man power	135 Nos.	--	--
Total Water Requirement	500 KLD Application has been submitted to CGWA (MOIL Limited Balghat Mine Application Number 21 4 531 MP MIN 2017.pdf & CGWB Application.pdf)	--	Ground water
Nearest River/ Stream/Canal etc	Gangulpara Main Canal is 0.20 km (NW) Wainganga River – 4.86 Km (W) Ghisri Nadi -4.70 Km (E) Gangulpara Tank -6.4 Km (NE) Paraswara Tank- 9.2 Km (SE)	Secondary	From SOI Topomap
Forest boundary	Payali Protected Forest – 1.27 Km NE Najul R. F. – 4.55 Km (SW) Jagpur P. F.–7.2 Km (SW) Dhapera P. F. – 5.46 Km (NW) Dhansua R. F. – 6.23 Km (N) Chhatera P. F. –7.06 Km (NW) Khairi P. F.-6.2 Km (NW)	Secondary	From SOI topo map, DFO Letter
Places of importance	None within the study area	Secondary	
National Park	None	Secondary	From SOI topo map,
Wild Life/Protected Forest/Ecological sensitive zones	None	Secondary	
Critically Polluted Area (10 Km Radius)	None	Secondary	

Places of importance	None within the study area	Secondary	
Seismic zone	Seismic Zone II as per IS 1893 (Part-1): 2002	Secondary	IS 1893 (Part-1): 2002

Method of Mining

- Currently at Balaghat the deposits is being worked by underground cut & fill method of mining. Ore is exploited with multilevel workings. The deepest is 12th level. Program for opening lower levels is underway. The developmental activates are in operation at 12th, 13.5 & 15th level.
- The sinking & equipping of Holmes’s shaft is in process. The levels below 15th upto 21st will be opened with sinking high speed shaft located in main lease ch 37, In past second and third levels were worked. 4th level was worked by Hardy’s shaft and 5th level was worked by Edward’s shaft.
- The old Hardy’s shaft and 5th level has been widened and deepens upto 15th level and renamed as Production shaft. Under modernization program, the level interval is increased to 45 mts. Pr-mining support system with cable bolt & rock bolt is introduced.
- Mining operations are executed with SDL in underground slopes. Gran bye car is introduced for transposition of Ore.

It’s a case of major mineral “Manganese” where mining operations shall be carried out through underground cut & fill method of mining. The capacity of the proposed Underground Manganese mine is 1,50,000 TPA. It was also observed in the google image that this u/g Manganese mine’s ore body strike is going beneath the settlement in the north- east direction, PP submitted that no R & R is involved in this project and this underground Manganese mine shall be done 300 meters below the surface level in this area thus there is no possibility of land subsidence. PP’s Environmental Consultant also proposed that environmental monitoring has already started in this winter seasons (in between Nov. 2019- Jan. 2020), committee asked pp to conduct one month additional Environmental Monitoring as consultant could not provide any information on data already collected by them. The Committee after deliberation decided to consider this case of 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 and site visit

might be carryout (considering underground mining and a sensitive nearby village area as well) and issue further additional TORs points if required.

1. Commitment from PP that no R & R is involved in this Project.
2. Transportation plan should be discussed in the EIA report.
3. This project involves a 43.737 ha. of Revenue land & 32.672 ha. of private land. PP informed that they have obtained consent from residents on private land for u/g mining thus same shall be submitted with the EIA report.
4. Justify how Zero Liquid Discharge (ZLD) will be maintained in case of this underground mining where G.W. table intersection is expected.
5. Heavy metals analysis shall be conducted in the all the soil samples.

3. Case No 6792/2020 M/s. Shrijee Sugar & Power Pvt. Limited, Shri Akhilesh Goyal, Director, Village - Sohagpur, Tehsil & Dist. Betul, MP – 460004 Prior Environment Clearance for Fuel Ethanol Plant of 45 KLD (Khasra No. 217/6), Village - Sohagpur, Tehsil - Betul, Dist. Betul (MP).

This is case of Prior Environment Clearance for Expansion for Fuel Ethanol Plant of 45 KLD (Khasra No. 217/6), Village - Sohagpur, Tehsil - Betul, Dist. Betul (MP). Category-5(g). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

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 6791/2020 M/s. Mahakaushal Sugar & Power Industries Limited, Shri Nawab Raza, Village - Bachai, Dist. Narsinghpur Prior Environment Clearance for Fuel Ethanol Plant of 60 KLD (Khasra No. 149, 168), Village - Bachai, Tehsil - Narsinghpur, Dist. Narsinghpur (MP).

This is case of Prior Environment Clearance for Fuel Ethanol Plant of 60 KLD (Khasra No. 149, 168), Village - Bachai, Tehsil - Narsinghpur, Dist. Narsinghpur (MP). Category-5(g). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

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 6764/2020 Shri Ranjan Grover, Civil Lines, Near Rest House No. 1, PO & Dist. Katni, MP Prior Environment Clearance for Limestone and Dolomite Mine in an area of 18.33 ha. (3,00,000 tonne per annum) (Khasra No. 65 Part, 66 Part, 67 Part, 74, 178), Village - Amehta, Tehsil - Vijayraghavgarh, Dist. Katni (MP).

This is case of Limestone and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 65 Part, 66 Part, 67 Part, 74, 178), Village - Amehta, Tehsil - Vijayraghavgarh, Dist. Katni (MP) 18.33 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant, the presentation commenced with background of the project and salient features of the mine:-

- It is case of expansion from 1.0 Lakh TPA to 3.0 LakhTPA.
- 4 adjoining Mining lessees were granted to lessee which was amalgamated to form one composite block over 19.36 ha area under provision of rule 38 of MCR 1960 vide state govt. order dated 16/12/2002 upto 05/03/2016.
- Mine lease 19.36 ha was curtailed to 18.33 ha on 09/01/15 and extended for 50 year on 20/05/15 from the date of first mine lease grant as per MM(D&R) Amendment Act 2015 i.e. 06/03/1996 to 05/03/2046.
- Environment clearance for 1.0 Lakh TPA production was granted by Honorable MPSEIAA vide its letter No 152/EPCO-SEIAA/11 dated 03/06/2011 over 19.36 ha.
- The Consent to Operate has been granted by MPPCB for 1.0 lac TPA valid till 26/06/2021.
- It is a case for expansion in production of Limestone and Dolomite mine from 1.0 lac TPA to 3.0 Lac TPA.
- The Mining Plan was approved by IBM Jabalpur on 24/12/2014 and Scheme of mining is approved by Director Geology & Mining, M.P on 15/04/19.
- Cost of the proposed project is Rs. 1.50 Crore. The estimated life of mine is 26 year of lease period.
- CTO for Crusher of 2.0 lakh TPA is obtained and it is valid till 31/08/2022.

Project Name/Area	Amehta Limestone and Dolomite Mine (18.33 ha)
-------------------	---

Plot/Survey/Khasra No.	65 P, 66P, 67 P, 74 , 178		
Village	Amehta		
Tehsil	Vijayraghgarh		
District	Katni		
State	Madhya Pradesh		
Geographical Coordinates	Latitude : 24°0'33.33" to 24°0'53.627" N Longitude : 80°31'55.481" to 80°32'33.256" East		
Mineral Resource and reserve as per UNFC Classification	Mineral reserve/ resources	Limestone (tonne)	Dolomite (tonne)
	Proved Mineral reserve (UNFC code- 111)	21,54,671	1,40,768
	Feasibility Mineral Resource (UNFC code- 211)	11,43,125	2,17,300
	Total Reserve and Resources	32,97,796	3,58,068
Mining Method	Opencast Mechanized		
ML Area elevation	380 mRL in South to 386 mRL towards North		
General ground level	380mRL		
Ultimate depth of Mining	342 mRL (38 m bgl)		
Water Table (below ground level)	50 to 55m Post Monsoon Season – 330 m RL Pre Monsoon Season – 325 m RL		

- The total mine lease area is 18.33 ha.
- Site services have been constructed as per Mines Act and Mines Rule 1955.
- Mining activities are proposed to be carried out in the area of 12.0 ha. part of it will be backfilled (5.50 ha) followed by plantation and remaining area will be converted into water reservoir (i.e. 6.50). Green belt area will be 5.0 ha.
- OB/waste will be simultaneously backfilled and followed by plantation for stabilization.
- No impoundment or damming is involved in the project. The ultimate depth of mining will be 342 mRL (38 m bgl) below general ground level (380 mRL)
- The mining will be restricted above 12 m above ground water table. No change is anticipated in the hydrology of watercourses or aquifers by the mining operation.

- The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.
- Land: - No Agriculture land is present.
- Water (KLD):- Total 9.0 KLD of water will be required for mining and allied activities as well as for domestic use. 3.0 KLD will be used for drinking/domestic purpose. 2 KLD and 4 KLD water will be used for plantation and dust suppression respectively.

- **Mineral (MT):-**

Mineral Resource and reserve as per UNFC Classification	Mineral reserve/ resources (ton)	Limestone (ton)	Dolomite (ton)
	Proved Mineral reserve (UNFC code- 111)	21,54,671	1,40,768
	Feasibility Mineral Resource (UNFC code- 211)	11,43,125	2,17,300
	Total Reserve and Resources	32,97,796	3,58,068

- No forest and timber products will be used in the proposed project
- Transportation will be done through dumpers or trucks operating on diesel.
- No other natural resources will be used.
- All operation of mining such as development, winning of ore and loading will be carried out by mechanized means. Drilling and controlled blasting will be carried out.
- Good hygiene and housekeeping will be maintained.
- Improvement in the socio-economic conditions of the nearby villages.
- About 50 people will be benefited by way of regular employment in the project and some will get opportunity to indirectly engage in business/contracts. This will improve socio-economic status / standard of living of the people in the region.
- The project is far from hospitals; temples and schools hence No vulnerable groups of people will be affected by the project.
- All precautions will be taken for dust suppression such as water sprinkling at its source. The mine worker will also be medically examined as per statutory provisions.
- The generated OB/waste (75,000 cum/annum) will be simultaneously backfilled in excavated areas.
- Top Soil (7,000 cum/annum) will be stacked separately and used in topping of backfilled area..
- Hazardous waste will not be generated.

- No industrial process waste and agricultural waste will be generated in this project.
- Domestic wastewater will be discharged in septic tank followed by soak pit.

PP further stated that no R&R is involved in this project and this area where house are situated are non- mineralised area. The 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" and site visit might be carryout and issue further additional TORs points if required.

1. Crusher is already installed within the lease boundary thus details of crusher with existing APC devices shall be submitted in the EIA report.
2. EC compliance report duly verified by competent authority shall be submitted with the EIA report.
3. Inventory of the houses existing within the lease area in the North -West side.
4. Inventory of the trees existing within the lease area.
5. Undertaking that no R&R is involved in the project.
6. Soil sampling shall be conducted at 08 locations and heavy metals in all the soil samples should be done.
7. Study of effects of crusher on nearby settlement shall be done.

6. Case No. – 6695/2019 M/s Shri Ramraja Granite, Prop. Shri Devendra Shivhare, Indira Nagar, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Stone Quarry in an area of 1.692 ha. (41,085 cum per annum) (Khasra No. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, 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. 1392/1/Ka), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, (MP) 1.692 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. 1939 dated: 08/04/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 12.492 ha., including this mine.

The case was presented by the PP and their consultant in 412th SEAC meeting dated 09/12/2019 wherein TOR was recommended for 32,291 cum/annum.

PP vide letter dated 05/02/2020 has applied for revised ToR along with revised Form-I, to SEAC and SEIAA, Wherein PP stated that due to error, the production quantity of stone in the earlier Form- I was mentioned 32,291 cum per annum and on the same quantity TOR was issued vide no. 908 dated 26.12.2019 as prescribed in the 412th SEAC meeting dated 09/12/2019. Now, PP submitted revised Form- I with desired quantity of 41,085 cum per annum as per mining plan.

The case file with revised Form- I was placed before the committee wherein committee observed that earlier PP has applied for 32,291 cum/year production and thus the TOR for the same quantity was issued. Now PP has applied for quantity correction as per mine plan for 41,085 cum/year. Committee after deliberations recommended revised TOR with the quantity of 41,085 cum per annum (this is as per mining plan's maximum production in the fifth year) and the other conditions recommended in 412th SEAC meeting dated 09/12/2019 will remain the same.

7. Case No. – 6396/2019 Smt. Akancha Singh, W/o Shri Kuldeep Singh, Choubey Colony, Behind of Collector Home, Dist. Chhatarpur, MP. Prior Environment Clearance for Metal Crusher Stone Quarry (Granite Stone Mining) in an area of 2.439 ha. (1,78,210 cum per annum) (Khasra No. 483, 484), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry (Granite Stone Mining). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 483, 484), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.439 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. 298 dated: 14/01/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 20.371 ha., including this mine.

The case was presented by PP and their consultant in 390th SEAC meeting dated 10/08/2019, wherein TOR was recommended for 90,000 cum/annum.by the committee.

PP vide letter dated 05/02/2020 has applied for revised ToR along with revised Form-I, to SEAC and SEIAA, Wherein PP stated that due to error, the production quantity of stone in the earlier Form- I was mentioned 90,000 cum per annum and on the same quantity TOR was issued vide no. 908 dated 26.12.2019 as prescribed in the 390th SEAC meeting dated

10/08/2019. Now, PP submitted revised Form- I with desired quantity of 1,78,210 cum per annum as per mining plan.

The case file with revised Form- I was placed before the committee wherein committee observed that earlier PP has applied for 90,000 cum/year production and thus the TOR for the same quantity was issued. Now PP has applied for quantity correction as per mine plan for 1,78,210 cum/year. Committee after deliberations recommended revised TOR with the quantity of 1,78,210 cum per annum (this is as per mining plan's maximum production in the year 2020-21) and the other conditions recommended in 390th SEAC meeting dated 10/08/2019 will remain the same.

8. Case No 6786/2020 Shri Manoj Kumar Jain, M/s Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 471515 Prior Environment Clearance for Stone Mine in an area of 3.90 ha. (2,48,204 cum per annum) (Khasra No. 151), Village - Dhujaura, Tehsil - Gaurihar, 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. 151), Village - Dhujaura, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.90 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 lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Draft Man (Collector Office Chhatarpur) letter dated: 10/12/2018 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 9.616 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.

9. Case No 6787/2020 M/s Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 471515, Prior Environment Clearance for Stone Mine in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 584 Part), Village - Tikari, Tehsil - Gaurihar, 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. 584 Part), Village - Tikari, Tehsil - Gaurihar,

Dist. Chhatarpur (MP) 2.00 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 Assistant Draft Man (Collector Office Chhatarpur) dated: 15/11/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 8.400 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.

10. Case No 6790/2020 M/s. Armaan and Arham Stones, Partner - Shri Rishipal Singh Bhatiya, 170-171, New Radha Vallabh Nagar, Dist. Khargone, MP – 451001 Prior Environment Clearance for Marble Stone Quarry in an area of 2.00 ha. (Fractured Marble – 10,515 cum per annum, Marble – 7,748 cum per annum) (Khasra No. 176/1/3), Village - Bisali, Tehsil - Udaynagar, Dist. Dewas (MP).

This is case of Marble Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176/1/3), Village - Bisali, Tehsil - Udaynagar, Dist. Dewas (MP) 2.00 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. 27 dated: 16/01/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.90 ha., including this mine.

The case was presented by the PP and their consultant wherein PP stated that it is case of marble quarry which is fractured in nature. During presentation as per Google image based on coordinates provided by PP, it was observed that a kachcha road is passing within the lease in the south- west corner of the lease hence, PP stated that they are ready to give right to access to the villagers. Within 500 meters following sensitive features were observed:

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

Kachcha Road	within the lease	South- West	Right to access to be given to the villagers.
01 Trees	Within lease	-	The tree felling is proposed and this shall be done after taking permission from competent authority and compensatory plantation of 10 trees has proposed by PP.

PP further stated that no on-site crushing and grinding unit are proposed. After presentation the committee asked to submit following details:

- Undertaking that right to access to be given to the villagers on kachcha road passing within the lease in the south- west corner of the lease.
- Commitment for no tree cutting.
- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 Fractured Marble – 10,515 cum per annum, Marble – 7,748 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.23 Lakh as capital and Rs. 4.229 Lakh/year and under CER Rs. 00.80 Lakh/ year has proposed.

11. Case No 6762/2020 M/s. Narmada Stone Crusher, Smt. Manju Kachhwaha W/o Shri Brajesh Kachhwaha, Subhash Ward, Dist. Mandla, MP – 481661 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (19,505 cum per annum) (Khasra No. 96/1, 96/2, 97/3, 97/1), Village - Machharia, Tehsil - Mandla, Dist. Mandla (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 96/1, 96/2, 97/3, 97/1), Village - Machharia,

Tehsil - Mandla, Dist. Mandla (MP) 2.00 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 Assistant Mining Officer (Collector Office Mandla) letter No. 120 dated: 29/09/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 4.90 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, a kachcha road is passing in the west side of the lease hence, PP was asked to left set back of 10 meters and this will be as non- mining area , within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	within the lease	-	Set back of 10 meters and this will be non- mining area.
River	>170	North- East	Provision of Garland drain & settling tanks.
Habitation	>200	North	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

After presentation the committee asked to submit following details:

- Kachcha road is passing in the west side of the lease hence revised surface map showing set back of 10 meters from the west boundary as non- mining area.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 19,505 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 15.57 Lakh as capital and Rs. 2.63 Lakh/year and under CER Rs. 5.0 Lakh has proposed.

12. Case No 6777/2020 Shri Yashwardhan Singh, R/o Rajendra Nagar, Nishant Colony, Ward No. 26, Dist. Satna, MP – 485001 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (24,175 cum per annum) (Khasra No. 256/1/1 Part), Village - Kathwariya, Tehsil - Nagod, Dist. Satna (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 256/1/1 Part), Village - Kathwariya, Tehsil - Nagod, Dist. Satna (MP) 2.00 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. 92 dated: 09/01/2020 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 as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>95	South-West	Three rows plantation towards road side with arrangements of sand bags and three rows of
Major District Road	>390	South-east	Plantation in this side.

During presentation, it was observed through Google image that within 500 meters radius, three more mines are appears to be in operation i.e. one in east side adjacent to the lease and two are in south - west side near the pucca road. Mining Officer vide letter no. 90 dated 09.01.2020, have mentioned no mines within 500 meters radius which creates uncertainty regarding number of mines within 500 meters radius as through Google back images it is

evident that excavation in two of these three mines have started after the year 2015. After presentation the committee asked PP to submit clarification of mining officer on above issue.

13. Case No 6785/2020 M/s Ramraja Granite, Prop. Devendra Shivhare, R/o Indira Nagar, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.00 ha. (14,250 cum per annum) (Khasra No. 237/1), Village - Bhadar, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 237/1), Village - Bhadar, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP) 1.00 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 Assistant Mining Officer (Collector Office Chhatarpur) letter No. 945 dated: 08/04/19 has reported that there are no more mines operating or proposed within 500 meters around the said 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.

14. Case No 6779/2020 M/s. Natural Mining and Minerals, Partner - Shri Aadil Khan, Jawahar Chouk, Jirapur, Dist. Rajgarh, M.P., Prior Environment Clearance for Marble Quarry in an area of 2.50 ha. (Marble – 9,230 cum per annum, Fractured Marble – 14,315 cum per annum) (Khasra No. 90/2), Village - Sobalyapura, Tehsil - Udaynagar, Dist. Dewas (MP)

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 90/2), Village - Sobalyapura, Tehsil - Udaynagar, Dist. Dewas (MP) 2.50 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. 28 dated: 16/01/2020 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 PP stated that it is case of marble quarry which is fractured in nature , during presentation as per Google image based on coordinates provided by PP, within 500 meters following following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
State Highway	>180	East	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

PP further stated that no on-site crushing and grinding unit are proposed. After presentation the committee asked to submit following details:

- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Revised CER.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 Marble – 9,230 cum per annum, Fractured Marble – 14,315 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.19 Lakh as capital and Rs. 4.752 Lakh/year and under CER Rs. 0.80 Lakh/ year has proposed.

15. Case No 6781/2020 M/s. Natural Mining and Minerals, Partner - Shri Aadil Khan, Jawahar Chouk, Jirapur, Dist. Rajgarh, MP Prior Environment Clearance for Marble Quarry in an area of 2.90 ha. (Marble – 7,749 cum per annum, Fractured Marble – 14,023 cum per annum) (Khasra No. 176/2/2), Village - Bisali, Tehsil - Udaynagar, Dist. Dewas (MP).

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176/2/2), Village - Bisali, Tehsil - Udaynagar, Dist. Dewas (MP) 2.90 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 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. 26 dated: 16/01/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.900 ha., including this mine.

The case was presented by the PP and their consultant wherein PP stated that it is case of Marble quarry which is fractured in nature, during presentation as per Google image based on coordinates provided by PP, it was observed that a kachcha road is passing within the lease from North –East to South- East side of the lease hence, PP stated that they are ready to give right to access to the villagers. Within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	within the lease	North –East to South- East	Right to access to be given to the villagers.
Some Trees	Within lease	south- west corner of the lease	If any tree felling is proposed then proper permission from competent authority will be taken and compensatory plantation should be done.

PP further stated that no on-site crushing and grinding unit are proposed. After presentation the committee asked to submit following details:

- Undertaking that right to access to be given to the villagers on kachcha road passing within the lease in the North –East to South- East side of the lease.

- Undertaking that for slurry management, pond water shall be used after taking permission from gram panchayat.
- Slurry management plan with quantum, frequency of cleaning and their disposal.
- Details of blasting and their parameters.
- Undertaking that no tree felling is proposed.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 Marble – 7,749 cum per annum, Fractured Marble – 14,023 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.58 Lakh as capital and Rs. 5.0 Lakh/year and under CER Rs. 4.0 Lakh has proposed.

16. Case No 6775/2020 Shri Ramraja Pathak S/o Shri Kantiraj Pathak, R/o Mukhrra, Post - Singpur, Tehsil - Maharajpur, Dist. Chhatarpur, MP – 471501 Prior Environment Clearance for Stone Quarry in an area of 1.450 ha. (11,400 cum per annum) (Khasra No. 2241/1 Parts), Village - Tatam, Tehsil - Maharajpur, 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. 2241/1 Parts), Village - Tatam, Tehsil - Maharajpur, Dist. Chhatarpur (MP) 1.450 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 Assistant Mining Officer (Collector Office Chhatarpur) letter No. 5786 dated: 09/12/19 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 PP stated that it is case of marble quarry which is fractured in nature also during presentation as per Google image based on coordinates provided by PP, it was observed that a kachcha road is passing from North – East to South- East margin of the lease, within 500 meters following following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	South 80 meters East & West 100 meters		-
Some Trees	Within lease	south- west & North –East corner of the lease	PP submitted that trees are on lease boundary and will not be uprooted. No tree failing is proposed.

After presentation the committee asked to submit following details:

- Revised water demand calculation.
- Inventory of trees existing in the lease.
- Undertaking that no tree failing is proposed.
- Details of blasting and their parameters.
- Revised proposal for plantation with additional proposal for 50 plants.
- EMP map showing location of settling tanks as per contour.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 11,400 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.755 Lakh as capital and Rs. 2.0 Lakh/year and under CER Rs. 0.70 Lakh/ year has proposed.

17. Case No 6776/2020 Shri Jai Bahadur Singh S/o Shri Surendra Pratap Singh, R/o Village - South Karondiya, Tehsil - Gopad Banas, Dist. Sidhi, MP – 486661 Prior Environment Clearance for Stone Quarry in an area of 1.306 ha. (14,000 cum per annum) (Khasra No. 154/3, 155/2 Parts), Village - Bahera West, Tehsil - Gopad Banas, 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. 154/3, 155/2 Parts), Village - Bahera West,

Tehsil - Gopad Banas, Dist. Sidhi (MP) 1.306 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. 1552 dated: 27/09/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 4.886 ha., including this mine.

The case was presented by PP and their consultant wherein in the the DFO vide letter dated 06.12.2019 mentioned that forest area is at a distance of approx. 180 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee meeting held on 01.03.2019. During presentation as per Google image based on coordinates provided by PP, it was observed by committee that another mine is in existence on the south eastern side of the lease which is closely adjescent to this mine boundary and PP was advised to maintain clear 7.5 meter barrier zone from this lease as both the leases belongs to the same PP. It was further observed by the committee that the adjescent lease where mineral is excavated is filled with water for which PP submitted that water is accumulated during rainy season which dries up after rainy season and the depth of mine is 10 to 12 meters. Committee deliberated that maximum permissible depth shall not be more than 10 meters and if PP wants to go further deeper, shall carryout geohydrological studies. Following sensitive features were observed within 500 meters:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	Within lease		No tree failing is proposed.

After presentation the committee asked to submit following details:

- Inventory of trees existing in the lease.
- Undertaking that no tree failing is proposed.
- EMP map showing location of settling tanks as per contour.
- Copy of land agreement.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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

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 14,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 06.23 Lakh as capital and Rs. 2.03 Lakh/year and under CER Rs. 0.70 Lakh/ year has proposed.
3. Maximum permissible depth shall not be more than 10 meters and if PP wants to go further deeper, shall carryout geohydrological studies.

18. Case No 6782/2020 Shri Govind Rai, R/o Rajya Parivahan Complex, Shop No. 03, 04, 05, Tehsil & Dist. Hoshangabad, MP – 464990 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.262 ha. (20,000 cum per annum) (Khasra No. 306/2/3 Parts), Village - Samnapur Kalan, Tehsil - Goharganj, Dist. Raisen (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 306/2/3 Parts), Village - Samnapur Kalan, Tehsil - Goharganj, Dist. Raisen (MP) 1.262 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. 1165 dated: 06/11/19 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 4.257 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the quarry lease area is already excavated, PP submitted that lease was obtained in the year 2012, at that time a pit was in existance on the lease. PP further submitted that they have not carriedout any mining on this lease. It was further observed by the committee that human settlements are in existance on the SE and NE side of the lease for which PP submitted that these hutments are of labours working in the nearby mines and out of 2.00 ha lease onlu 1.262 ha area was sanctioned for mining considering safe distance from human settlements.

After presentation the committee asked to submit following details:

- Inventory of trees existing in the lease.

- Method of blasting considering nearby settlements.
- EMP map showing location of settling tanks as per contour.
- Copy of land agreement.

PP has submitted the response of above quarries same date vide letter dated 11.02.2020, 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 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 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 07.78 Lakh as capital and Rs. 2.32 Lakh/year and under CER Rs. 0.75 Lakh/ year has proposed.

(Dr. A.K. Sharma)
Member

(Dr. J.P. Shukla)
Member

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
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/Murrum 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.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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

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

Annexure- 'D'

General conditions applicable for the granting of TOR

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

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and 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.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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.

27. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
28. Detailed analysis of availability and quality of the drinking water resources available in the block.
29. 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.
30. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.