

The 376<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 01<sup>st</sup> 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. Jai Prakash Shukla, Member.
4. Dr. R. Maheshwari, Member.

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

1. **Case No. - 5730/2018 M/s Medisure Incinerators, 39, HIG, Chamunda Complex, Civil Lines, Dewas (M.P.). Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 250 kg per hour rotary kiln based bio medical incineration project at Khasra No.-156/3/2, Village- Bilankheda, Distt. - Khandwa (M.P.) 7(da) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs).For-EIA Presentation. Env. Con. – Creative Enviro Services, Bhopal (M.P.).**

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14<sup>th</sup> September, 2006 and its subsequent amendments dated 17<sup>th</sup> April 2015, under Bio-Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

The case was presented by the PP and their consultant in 326<sup>th</sup> SEAC meeting dated 21/08/2018, wherein PP submitted that this will be a new facility which will be developed. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs and as per Annexure-D:

- a. CPCB compliance is to be submitted in the final EIA report.
- b. Detail of the gap analysis.
- c. In EIA report PP should provide the details of equipment and machineries which will be relocated and used at the new site.
- d. Detailed layout plan of the site should be discussed in the EIA report.
- e. Storage plan for different kind of waste should be discussed in the EIA report.

- f. PP should also provide the details of any waste material stored in the existing plant premises and their proposed disposal.
- g. In case PP intends to use ground water, permission of CGWB should be obtained in accordance with the prevailing rules.
- h. Facility should be developed in accordance with the provisions made in the Bio-Medical Waste Management Rules, 2016 published by GOI and Guidelines published by CPCB for Common Bio-medical Waste Treatment Facilities.
- i. Justify in EIA report, how unit will remain zero discharge.
- j. Disposal plan of autoclaved material should be discussed in the EIA report.

PP has submitted the EIA report vide letter dated 14/05/2019 which was forwarded through SEIAA vide letter no. 666 dated 16/05/2019.

EIA was presented by the PP and their consultant, wherein following details were provided by PP:

**SALIENT FEATURES OF THE MINE:**

S. no.	Particular	Details
1	Name of the project & its location	Common Bio Medical Waste Treatment facilities At village –Bilankheda, tehsil – Khandwa District- Khandwa (m.p.)
2	Name of the Company, Address Tele No. & E-mail	M/s, Medisure Incinerators, 39- Hig Chamunda Complex, Civil Lines Dewas (M.P.)
3	Latitude and Longitude of the project	1. 21°49'24.74"N - 76°8'39.11"E 2. 21°49'23.01"N - 76°8'39.80"E 3. 21°49'24.78"N - 76°8'44.57"E 4. 21°49'27.83"N - 76°8'43.26"E
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc	New, 1.01ha Treatment of 250 kg per hour rotary kiln based bio medical incineration Project:
6	Cost of the project	Proposed : 2.50 Crores

7	Whether the project is in the Critically Polluted Area (CPA):	NA
8	If the project is for EC under EIA Notification, 2006	
a)	For the first time appraisal by EAC	Yes
(i)	Date of ToR:	283/PS-MS/MPPCB/SEAC-II/ToR/(326))/2018 dated 19.09.2018
(ii)	Date of Public Hearing, location	20.03.2019, at Janpad Panchayat Auditorium
(iii)	Major issues raised during PH and response of PP	Given in below
b)	Second appraisal	
(i)	Date of first /earlier appraisal	NA
(ii)	Details of the information sought by the EAC with the response of the PP.	NA
9	If the project involves diversion of forest land	NA
(i)	extend of the forest land	NA
(ii)	status of forest clearance	NA
10	If the project falls within 10 km of eco-sensitive area (i) Name of eco-sensitive area and distance from the project site, (ii) status of clearance from National Board for wild life	NA
11	Waste Management	
(i)	Water requirement, source, status of clearance	The total fresh water requirement for the project will be approx. 10KLD, which will be sourced from tanker supply and IMC, Indore.
(ii)	Waste water quantity, treatment capacity, detail	Proposed : 6.50 KLD Medisure will install in ETP of 10 KLD. The treated water will be used for floor washing and green belt.

(iii)	Recycling / reuse of treated water and disposal	The treated water will be used for floor washing and green belt
(iv)	Solid Waste Management	Ash from incineration of biomedical waste shall be disposed of at common hazardous waste treatment and disposal facility.
(v)	Hazardous Waste Management	HSD will used for the DG sets. The waste oil from DG set and machineries shall be stored in MS drums and shall be disposed of to authorize recyclers under direction of SPCB.
12	Other details	
(i)	Noise Modeling with noise control measures for airports	
(ii)	Details of water bodies, impact on drainage if ant	Village Pond 1 - 2.25 km - WNW Village Pond 2 - 2.50 km - SW Hisalni Nala - 3.0 km - WNW Pandya Nadi - 6.0 km - NNW
(iii)	Details of tree cutting	
(iv)	Energy conservation measures with estimated saving	
(v)	Green belt development (20 % of construction projects and 33 % for others)	Proposed: 3400sqm
(vi)	Parking requirement with provision made	NA
13	If the project involves foreshore facilities	NA
(i)	Shoreline study	
(ii)	Dredging details, disposal of dredge material	
(iii)	Reclamation	
(iv)	Cargo handling with dust control measures	
(v)	Oil Spill Contingent Management Plan	
14	If the project involves Marine disposal	NA

(i)	NOC from PCB in case of marine disposal	
(ii)	details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters	
(iii)	location of intake / outfall. Quantity,	
(iv)	detail of monitoring at outfall	
(v)	Any other relevant information	
15	Other information	
(i)	Investment/Cost of the project is Rs.....(in crore).	Proposed : 2.50 Crores
(ii)	Employment potential.....	Proposed : 15-20
(iii)	Benefits of the project.....	Employment and CSR activities
16	Date of Ground water clearance	NA
17	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	Proposed : capital - 90.94 lakh and recurring - 10.98lakhs Given below
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions	Proposed: 3400sqm Given below
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	NA

After presentation, PP was asked to submit response on following:

1. Proposal for 2 entry/exit with revised layout.
2. The water supply is proposed through tankers as only 10KL/day water is required. Committee deliberated that if proposed tanker supply is from dam/river same can be continued but if the supply of tanker is from ground water source outside of project area, PP will obtain permission of CGWB for drawl of ground water from the project premises within a year as a permanent source for fresh water.
3. Revised plantation scheme as suggested during presentation.

PP vide letter dated 01/07/2019 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 250 kg per hour rotary kiln, Autoclave (02) 1.5 cubic meter, Shredder (02)- 120 Kg/hr based bio medical incineration project at Khasra No.-156/3/2, Village- Bilankheda, Distt. - Khandwa (M.P.) 7(da) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs) subject to the following special conditions:

I. **Statutory Compliance**

- i. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- ii. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
- iii. Project shall fulfill all the provisions of hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration – 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerations shall be followed.
- iv. Project shall fulfill shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- v. All other statutory clearances such as the approvals for storage of diesel from Chief Controlled of Explosive, Fire Department Civil Aviation Department shall be obtained, as applicable by project proponent from the respective competent authorities.

II. **Air quality monitoring and preservation**

- i. The project proponent shall install emission monitoring system including Dioxin and furans to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- iii. Incineration plant shall be operated (combustion chambers) with temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) consent in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the materials.
- iv. HSD will be used in Incinerator at about 150 liters per hour. Venturi scrubber (alkaline) should be provided with the incinerator to arrest the gaseous emission with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm<sup>3</sup>).
- v. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution Control devices (quenching, venturi scrubber, mist eliminatory) should be provided for compliance of emission standards.
- vi. Masking agents should be used for odour standards.

III. **Water quality monitoring and preservation**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be recycled in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
- iii. Process effluent /any waste water should not be allowed to mix with storm water.
- iv. Total fresh water use shall not exceed the proposed requirement (10 KLD) as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- v. Zero discharge treatment system shall be provided. No soil contamination is anticipated from the proposed project as the land fill facility will have liner system to arrest any contamination.
- vi. Web based camera shall be installed to monitor the ZLD condition.
- vii. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal

- viii. Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- ix. Run-off from upstream areas will be diverted to proposed settling tank (5 m x 5m x 5m ) within the premises through drains.
- x. Regular cleaning of storm water drain is necessary.

**IV. Noise monitoring and prevention**

- i. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- ii. The sources of noise generation will Incinerator, pumps, Compressors, etc. All machinery has been manufactured as per OSHA/MoEF guidelines. Earplugs have been provided to workers working in noise prone area.
- iii. Ambient noise levels is in accordance with MoEF notification dated 14-02-2000 i.e. noise levels will be < 75 dB (A) during daytime and < 70 dB (A) during night time. No additional increase is expected.

**V. Energy Conservation measures**

- i. Provide solar power generation roof tops of building, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide LED lights in their offices and residential areas

**VI. Waste management**

- i. Incinerated ash and other shredded or Autoclaved waste shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the Commencement.
- ii. The solid wastes shall be segregated as per the norms of the solid Waste Management Rules, 2016.
- iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- iv. No landfill site is allowed within the CBWTF site.
- v. The project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB and disposed them as follows:

Sr No	Name Of The Waste	Approximate Quantity (Tonnes/Year)	Waste Generating Point	Mode Of Handling & Transport
1.	Used oil	50 Lit/Yr.	From DG Sets, Pumps, etc	Will be given to authorized recyclers.
2.	Incineration Ash	10 MT/Year	Incineration of Biomedical Waste	Authorized TSDF
3	Used carbon from ACF	1 MT/Year	ETP	Authorized TSDF
4.	ETP Sludge	2 MT/Year	Effluent treatment plant	Authorized TSDF

VII. **Green Belt**

- i. Green belt shall be developed in area as provided in project details, with native tree green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. The 3400 sq.mts (650 numbers of trees) of total area shall be provided for green belt development as per the details provided in the project document. 5 m wide greenbelt will be developed all around the plant.

VIII. **Public hearing and Human health issues.**

- i. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
- ii. Proper parking facility should be provided for employee & transport used for collection & disposal of waste materials.
- iii. Necessary provision shall be made for fire-fighting facilities within the complex.
- iv. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- v. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health of environment from fires, explosion or/any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
- vi. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, reache etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
- vii. Occupational health surveillance of the workers shall be done on a regular basis.

IX. **Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1<sup>st</sup> May 2018, as applicable, regarding. Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to during into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/condition. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board

resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly reports.

- iii. In the EMP PP have proposed Rs. 85.94 lakh/year as capital cost and 9.98 lakh/year for recurring expenses. Under CER Rs. 1.00 lakhs/year is proposed.
- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Officer along with the six monthly Compliance Report.
- vi. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. **Miscellaneous**

- i. The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- iii. No further expansion of modification in the plant shall be carried out within prior approval of the Ministry of Environment Forests and Climate Change (MoEF & CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules any other orders passed by the Hon'ble Supreme Court of India/ High Courts/NGT and any other Court of Law relating to the submit matter.

2. **Case No. – 6233/2019 M/s Jai Shree Shyam Minerals, Infront of Police Station, Bamhni Banjar, Tehsil - Bichhiya, Dist. Mandla, (MP) Prior Environment Clearance for Expansion of Dolomite Mine in an area of 4.48 ha. (From 50,000 to 1,54,814 tonne per annum) (Khasra No. 51, 52, 53, 55/1), Village - Bhanwartal, Tehsil - Bichhiya, Dist. Mandla (MP). Environmental Consultant: M/s Creative Enviro Services.**

This is case of Expansion of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 51, 52, 53, 55/1), Village - Bhanwartal,

Tehsil - Bichhiya, Dist. Mandla (MP) 4.48 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. 1509 dated: 28/09/15 has reported that there is 06 more mine operating or proposed within 500 meters around the said mine with total area of 24.57 ha., including this mine.

### **Project Description**

S. no.	Particular	Details
1	Name of the project & its location	<b>Capacity expansion of Bhanwartal Dolomite mine (4.48 ha)</b> Khasra No. 51, 52, 53, 55/1  Village-Bhanwartal, Tehsil-Bichhiya, Dist-Mandla (MP)
2	Name of the Company, Address Tele No. & E-mail	M/s Jai Shree Shyam Minerals
3	Latitude and Longitude of the project	22 <sup>o</sup> 26'31.0" to 22 <sup>o</sup> 26'39.0 North 80 <sup>o</sup> 24'30.3 to 80 <sup>o</sup> 24'46.1" East
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc	Expansion, area – 4.48ha, Govt. and Pvt. Land connectivity- Anjaniya to Bamnhi
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project	60.0 lakh
8	Employment generated/to be generated	30
9	Benefits of the project:	Employment, other CSR activities
10	Whether new or expansion project .If expansion: i from ..... MT to	Expansion and 50,000 TPA to 1,54,814 TPA 3 times

	..... MT ii What is the % of expansion	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	NA
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Submitted during final EIA
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	NA
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)	NA
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	NA
16	Type of Mine: (Open cast/Underground/mixed):	Opencast
17	Capacity of the mine applied for	<b>Dolomite</b>
18	ML Area i. As per block allotment ii. As per approved mine plan	4.48
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan approval date 16.11.2018
20	Date of Board's approval:	NA
21	Date of Ground water clearance	NA
22	Date of mine closure approval	NA
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	ToR stage
24	Numbers of plantation with name of species proposed & area allocated	ToR stage

	for plantation with budgetary provisions	
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	No

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Dolomite from 50,000 to 1,54,814 tone per annum with total area of 24.57 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance. During presentation it was recorded that a natural drain is in proximity of the mine and a village is at South at a distance of approx. 150 mts from the mine, hence PP shall address the protection plan in final EIA report. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier EC conditions duly authenticated by competent authority is to be submitted in the EIA Report.
  2. PP shall address the protection plan for the nearest village and drain in final EIA report.
3. **Case No. – 6303/2019 M/s D.G.Mining Pvt. Ltd, Shri Dileep Gupta, 158, Zone-II, M.P.Nagar, Dist. Bhopal, MP Prior Environment Clearance for Granite Mine in an area of 7.60 ha. (1,267 cum per annum) (Khasra No. 551/5/1, 552/3 Parts), Village - Baghat, Tehsil - Niwari, Dist. Tikamgarh (MP). Environmental Consultant: M/s Creative Enviro Services.**

This is case of Granite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 551/5/1, 552/3 Parts), Village - Baghat, Tehsil - Niwari, Dist. Tikamgarh (MP) 7.60 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 212 dated: 04/04/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

**Project Description**

S. no.	Particular	Details
1	Name of the project & its location	<b>Baghat Granite mine (7.60 ha)</b> Khasra No. 551/5/1, 552/3 Village-Baghat, Tehsil-Niwari, Dist-Tikamgarh (MP)
2	Name of the Company, Address Tele No. & E-mail	M/s D. G. Mining Pvt. Ltd.
3	Latitude and Longitude of the project	25 <sup>o</sup> 27'30.1" to 25 <sup>o</sup> 27'36.7 North 78 <sup>o</sup> 46'37.0 to 78 <sup>o</sup> 46'54.7" East
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc	New , area –7.60ha, Govt. Land connectivity- PWD Road - 3.75 km - ESE
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project	60.0 lakh
8	Employment generated/to be generated	30
9	Benefits of the project:	Employment, other CSR activities
10	Whether new or expansion project .If expansion: i from ..... MT to ..... MT ii What is the % of expansion	NA
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	NA
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	NA
13	No. and Date of the ToR /and	NA

	revised ToR, if any, letter issued by the authority	
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)	NA
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	NA
16	Type of Mine: (Open cast/Underground/mixed):	Opencast
17	Capacity of the mine applied for	<b>Granite</b>
18	ML Area i. As per block allotment ii. As per approved mine plan	7.60
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan approval date 16.10.2017
20	Date of Board's approval:	NA
21	Date of Ground water clearance	NA
22	Date of mine closure approval	NA
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	ToR stage
24	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions	ToR stage
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	No

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	Remark
Natural drain	90	East	Protection plan shall be discussed in the EIA report.
Human settlement	120	West	
Human settlement	350	South-West	
School	300	-	

As per DFO certificate, the lease is <250 meters of forest area for which PP has obtained necessary approval of Commissioner Level committee in their meeting dated 18/09/2019. It was further observed that it's a case of expansion from 50,000 cum/year to 1,54,814 cum/year for which PP shall submit the compliance of earlier EC conditions from the competent authority. Committee after deliberations decided that being it's a case Granite Quarry with total area of 7.60 ha., and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
  2. Slurry management plan shall be discussed in the EIA report.
  3. Compliance of earlier EC conditions from the competent authority.
4. **Case No. – 6302/2019 M/s D.G.Mining Pvt. Ltd, Shri Dileep Gupta, 158, Zone-II, M.P.Nagar, Dist. Bhopal, MP Prior Environment Clearance for Granite Mine in an area of 4.90 ha. (6,303 cum per annum) (Khasra No. 172/2 Ka), Village - Bhelsi, Tehsil - Prithvipur, Dist. Tikamgarh (MP).**

This is case of Granite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 172/2 Ka), Village - Bhelsi, Tehsil - Prithvipur, Dist. Tikamgarh (MP) 4.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the 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. 211 dated: 04/04/19 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, following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Natural drain	30	East	-
Human settlement	180	North	Protection plan is needed
Human settlement	15	East	Thick plantation

After presentation the committee asked to submit following details:

- Revised EMP includes cost of VT.
- Revised CER by incorporating traffic awareness camp for villagers.
- Commitment from the PP that right of access to village road will be provided by him to villagers.
- Revised gradient of haul road is to be submitted.

Vide letter dated 01.07.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Granite 6,303 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 68.35 Lakh as capital and Rs. 16.77 Lakh/year as recurring cost. Under CER Rs. 4.00 Lakh/years has proposed.

5. **Case No. - 6284/2019 M/s Ripride Remedies Pvt. Ltd, 16/8/1, Race Course Road, Indore, (M.P.) Prior Environment Clearance for Proposed Manufacturing of Bulk Drug and Intermediate facility at plot no. 40, Pithampur Industrial Area, Sector-3, Sagor Village, Pithampur, Dist. Dhar (M.P.) Cat. 5 (f) Synthetic Organic Chemicals Industry.FoR- ToR. Env. Con. – Creative Enviro Services.**

This is a case for Prior Environment Clearance. 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.

**Project Description**

S. no.	Particular	Details
1	Name of the project & its location	Manufacturing Of Bulk Drugs & Intermediates PLOT NO. 40, Pithampur Industrial area, Sector-3, sagor village, Dist. Dhar (MP)
2	Name of the Company, Address Tele No. & E-mail	M/S. Ripride Remedies Pvt Limited (RRPL), 16/8/1 race course road , Indore (MP)
3	Latitude and Longitude of the project	22°37'00.0"N 75°36'07.4"E
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc	New, 8083.00 Sq Meter 600TPA
6	Cost of the project	Proposed : 11 Crores
7	Whether the project is in the Critically Polluted Area (CPA):	NA
8	If the project is for EC under EIA Notification, 2006	
a)	For the first time appraisal by EAC	Yes
(i)	Date of ToR:	
(ii)	Date of Public Hearing, location	NA
(iii)	Major issues raised during PH and response of PP	NA
b)	Second appraisal	NA

(i)	Date of first /earlier appraisal	NA
(ii)	Details of the information sought by the EAC with the response of the PP.	NA
9	If the project involves diversion of forest land	NA
(i)	extend of the forest land	NA
(ii)	status of forest clearance	NA
10	If the project falls within 10 km of eco-sensitive area (i) Name of eco-sensitive area and distance from the project site, (ii) status of clearance from National Board for wild life	NA
11	Waste Management	
(i)	Water requirement, source, status of clearance	The total fresh water requirement for the project will be approx. 111 KLD, which will be sourced from tanker supply and IMC, Indore.
(ii)	Waste water quantity, treatment capacity, detail	Proposed : 31 KLD RRPL will install in ETP of 50 KLD, RO of 20 KLD, and MEE of 20KL/day. The treated water will be used for cooling towers, floor washing and green belt.
(iii)	Recycling / reuse of treated water and disposal	The treated water will be used for cooling towers, floor washing and green belt
(iv)	Solid Waste Management	Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). M/s RRPIL will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules
(v)	Hazardous Waste Management	HSD will used for the DG sets. The waste oil from DG set and machineries shall be stored in MS drums and shall be disposed of to authorize recyclers under direction of SPCB.

12	Other details																
(i)	Noise Modeling with noise control measures for airports																
(ii)	Details of water bodies, impact on drainage if ant	<table> <tr> <td>Chambal River</td> <td>- 5.75km</td> <td>- SW</td> </tr> <tr> <td>Angrer Nadi</td> <td>- 1.00km</td> <td>- SE</td> </tr> <tr> <td>Nulikhl Nalla</td> <td>- 6.750km</td> <td>- NNW</td> </tr> <tr> <td>Kishan pura Talab</td> <td>- 7.750km</td> <td>- NE</td> </tr> <tr> <td>Sanjay Jalashay</td> <td>- 7.25km</td> <td>- ESE</td> </tr> </table>	Chambal River	- 5.75km	- SW	Angrer Nadi	- 1.00km	- SE	Nulikhl Nalla	- 6.750km	- NNW	Kishan pura Talab	- 7.750km	- NE	Sanjay Jalashay	- 7.25km	- ESE
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Nulikhl Nalla	- 6.750km	- NNW															
Kishan pura Talab	- 7.750km	- NE															
Sanjay Jalashay	- 7.25km	- ESE															
(iii)	Details of tree cutting																
(iv)	Energy conservation measures with estimated saving																
(v)	Green belt development (20 % of construction projects and 33 % for others)	Proposed: 2459sqm															
(vi)	Parking requirement with provision made	Details will be given in EIA															
13	If the project involves foreshore facilities	NA															
(i)	Shoreline study																
(ii)	Dredging details, disposal of dredge material																
(iii)	Reclamation																
(iv)	Cargo handling with dust control measures																
(v)	Oil Spill Contingent Management Plan																
14	If the project involves Marine disposal	NA															
(i)	NOC from PCB in case of marine disposal																
(ii)	details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters																
(iii)	location of intake / outfall. Quantity,																
(iv)	detail of monitoring at outfall																

(v)	Any other relevant information	
15	Other information	
(i)	Investment/Cost of the project is Rs.....(in crore).	Proposed : 11.00 Crores
(ii)	Employment potential.....	Proposed : 180
(iii)	Benefits of the project .....	Employment and CSR activities
16	Date of Ground water clearance	NA
17	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	Proposed : 1.12 Crores Details given in EIA report
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions	Proposed: 2459sqm Details given in EIA report
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	Angrer Nadi - 1.00km - SE

The case was presented by the PP and their consultant. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D:

1. PP should provide entire product mix in the EIA report.
2. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
3. Details of solvents and their recovery plan should be discussed in the EIA report.
4. VOC should be monitored in the AAQ.
5. All MSDS should be provided with the EIA report.
6. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
7. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
8. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
9. PP should explore possibility of using Biofuel based technology in boilers.

**6. Case No. – 6244/2019 Shri Shivnarayan Mukati S/o Shree Bhanwar Singh Mukati, Village - Kheda, Tehsil & Dist. Dhar, Prior Environment Clearance for Murrum Deposit in an area of 1.254 ha. (80,000 cum per annum) (Khasra No. 1022/1), Village - Kheda, Tehsil - Dhar, Dist. Dhar (MP).**

This is case of Murrum Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1022/1), Village - Kheda, Tehsil - Dhar, Dist. Dhar (MP) 1.254 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. 211 dated: 04/04/19 has reported that there are 07 more mine operating or proposed within 500 meters around the said mine with total area of 15.778 ha including this mine.

**Project Description**

Name of Mine	Kheda Murrum Deposit	
Name of Mineral	Murrum	
Project Proponent	Shree. Shivnarayan Mukati S/o Shree. Bhanwar Singh Mukati Resi. – Village – Kheda, Tehsil-Dhar District-Dhar (M.P.)	
Location of the mine	Khasra- 1022/1/Kha	Village: Kheda
	Tehsil: Dhar	District: Dhar
Topo Sheet No.	46 N/10	
Pvt. land or Govt. land	Pvt. Land (Panchsala)	
New/ existing / Renewal mine/Lease Period	10 Years (Collector Sanctioned letter)	
Lease area & Production of Stone	1.254 Hect. & Murrum : - Max. 80,000 cum/year	
Reserve Depth & Total Geological Reserve- Murrum	40 meter & 12,08,856 tonnes	

Available Movable Reserve-Murrum	1,11,02,147 tonnes
Mine depth for 1 <sup>st</sup> five years	6 mtrs.
Mine Life	05 years

Committee after deliberations decided that being it's a case Murrum Quarry with total area of 15.778 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 05 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Level of mechanization should be discussed in the EIA report.
2. Hydro geological study should be carried out if ground water intersection is proposed.
3. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
4. A list of all the mines located in the – Bicholi, khandawa and Kheda cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
5. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
6. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
7. Air pollution control measures adopted by each mine and crusher in the cluster.
8. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
9. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Bicholi, khandawa and Kheda.

- (b) Two monitoring station one each at main evacuation road and village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
10. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
  11. Photography and Videography should also be done during collection of baseline data.
  12. Noise Monitoring on following locations be conducted for one season (winter):-
    - (a) Three monitoring station one each at three nearby villages i.e. Bicholi, khandawa and Kheda
    - (b) Three monitoring station within the cluster area near installed crushers.
  13. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
  14. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
  15. A drainage plan for entire cluster and surface run off management plan.
  16. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
  17. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
  18. Public consultation be conducted as per EIA Notification, 2006.
  19. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
  20. Provide details of court cases/ litigations pending, if any.
7. **Case No. - 6280/2019 Shri Naresh Singh S/o Shri Harikanth Singh Gurjar, C-3, Jagrati Nagar, Laxmiganj, Lashkar, Dist. Gwalior, (MP – 474001 Prior Environment Clearance for Flagstone Quarry in an area of 1.10 ha. Capacity – 8,880 cum per annum. at Khasra No. 236, Village - Dongari, Tehsil - Shivpuri, Dist. - Shivpuri (M.P.).**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 236, Village - Dongari, Tehsil - Shivpuri, Dist. - Shivpuri (M.P.) 1.10 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. 3506 dated: 19/03/19 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, following sensitive features were observed within 500 meters of the lease area.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Trees	Within lease	-	No tree falling shall be done without permission.
Natural drain	70	South	Three rows plantation towards drain.

PP further submits that:

1. The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches.
2. No groundwater abstraction is proposed in this lease.
3. For initial year the water demand will be meets from the tanker supply with the approval of Gram Sabha/Gram Panchayat.
4. In subsequent year the mine pit water will be used for sprinkling and plantation.
5. The water for drinking purpose will be purchased from Gram Panchayat /Gram Sabha.
6. Garland drain (1.5m wide, 1.0m deep & 457m long) will be developed in lease boundary.
7. Settling tank (5m wide, 3m deep & 20m long) in SS pattern will be developed in lease boundary.

After presentation the committee asked to submit following details:

- Commitment from the PP that no tree falling shall be done without permission.
- Dump area shall be marked on surface map.
- Revised plantation as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 Flagstone 8,880 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.36 Lakh as capital and Rs 4.60Lakh/year and under CSR Rs. 0.45 Lakh/years has proposed.

**8. Case No. – 6298/2019 M/s Shree Nathji Mines, Shri Siddharth Richariya, Village - Sonkhedi, Tehsil - Kannod, Dist. Dewas, (MP) Prior Environment Clearance for Quartzite & Quartzitic Sandstone Quarry in an area of 4.990 ha. (2,500 cum per annum) (Khasra No. 351), Village - Sonkhedi, Tehsil - Kannod, Dist. Dewas (MP).**

This is case of Sandstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 351), Village - Sonkhedi, Tehsil - Kannod, Dist. Dewas (MP) 4.990 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 Officer letter No. 396 dated: 28/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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	Remark
Kachcha road	Within lease	-	Setback of 10 meters in the lease from road.
Habitation	250	West	Three rows plantation towards habitation.

PP further submits that:

1. The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches.

2. Drilling will be undertaken with the help of tractor mounted Compressor & jack hammer drills will be deployed to drill blast holes and these will be charged with explosive cartridges.
3. Blasting will be conducted occasionally and will be carried out by licensed contractor/ Authorized person.
4. Garland drain (1.5m wide, 1.0m deep & 1178m long) will be developed in lease boundary.
5. Settling tank (5m wide, 3m deep & 20m long) in SS pattern will be developed in lease boundary.
6. As a result of quarry operation the original profile of land will be altered and converted into a mining pit (4.192 ha).
7. This pit will be converted into a water pond and used as a natural water harvesting system to recharge the ground water and may be used by local people.
8. No groundwater abstraction is proposed in this lease.
9. For initial year the water demand will be meeting from the tanker supply with the approval of Gram Sabha/Gram Panchayat.
10. In subsequent year the mine pit water will be used for sprinkling and plantation.
11. The water for drinking purpose will be purchased from Gram Panchayat /Gram Sabha.

During presentation it was recorded by the committee that this is a hillock mining with elevation difference of 21 meters, hence evacuation route with proper gradient is to be proposed by the PP. After presentation PP was asked to submit following details:

- Evacuation route with proper gradient since lease is located on hillock.
- Commitment that crusher will not be installed in the lease area as submitted by PP.
- Revised plantation as suggested during presentation.
- Revised CER by incorporating traffic awareness camp for villagers.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 2,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 25.05 Lakh as capital and Rs 5. 06Lakh/year and under CSR Rs. 0.30 Lakh/years has proposed.

9. **Case No. – 6278/2019 Shri Ajay Gupta, R/o Compound Geeta Marriage Palace, Near ITI Road, Dist. Hoshangabad, MP Prior Environment Clearance for Stone Quarry in an area of 1.982 ha. (25,000 cum per annum) (Khasra No. 6/9/3, 6/9/4, 6/9/5), Village - Barhakheda, Tehsil - Gauharganj, Dist. Raisen (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 6/9/3, 6/9/4, 6/9/5), Village - Barhakheda, Tehsil - Gauharganj, Dist. Raisen (MP) 1.982 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 vide letter No. NIL dated: NIL has reported that there are 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.812 ha., including this mine.

The case was presented by PP and their consultant wherein during verification of the submitted documents it was recorded that as per the DFO certificate vide letter no. 1982 dated 07/09/2015 that Ratapani Abyaran is within 10 km radius of lease boundary and 1.044 Km from the lease area. But from this certificate it is not clear this 1.044km distance is from core zone/ Notified Eco-sensitive zone of Ratapani Abyaran. Committee asked PP to submit revised DFO certificate showing distance of lease from notified ESZ for further consideration of this case.

10. **Case No. – 6290/2019 Shri Vineet Chaturvedi, Mukhtiyarganj, Pushpanjali Colony, Raghuraj Nagar, Dist. Satna, MP Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (11,666 cum per annum) (Khasra No. 758/1), Village - Kalakhedi, Tehsil - Huzur, Dist. Bhopal (MP).**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 758/1), Village - Kalakhedi, Tehsil - Huzur, Dist.

Bhopal (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. 1388 dated 22/04/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Trees (2 no's)	Within lease	-	No tree falling shall be done without permission.
Water storage	Within the lease.	-	Non mining area in which water is stored.

During presentation it was observed by the committee that a temporary water accumulation pond is in existence within the lease for which PP submitted that this is created for temporary storage of water and being Murrum no blasting is proposed in this project. However, committee asked PP to left the area occupied by stored water as non mining area and submit revised production map. After presentation PP was asked to submit following details:

- Revised production map leaving approx. 0.48 ha water accumulated area as non mining area.
- Top soil management plan.
- Commitment that no tree falling shall be done without permission.
- Revised CER by project cost as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 Murrum 11,666 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.27 Lakh as capital and Rs 1.88 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

**11. Case No. – 6291/2019 Shri Ajeet Kumar Mishra, House No. F-302, Savaye Complex, Gulmohar Colony, Dist. Bhopal, MP Prior Environment Clearance for Murrum Quarry in an area of 1.00 ha. (5,966 cum per annum) (Khasra No. 36 Parts), Village - Kalakhedi, Tehsil - Huzur, Dist. Bhopal (MP).**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 36 Parts), Village - Kalakhedi, Tehsil - Huzur, Dist. Bhopal (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 Collector Office letter No. 1389 dated: 22/04/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Trees (2 no's)	Within lease	-	No tree falling shall be done without permission.
Kachcha road	05	West	Setback of 07 meters in the lease from road.

After presentation PP was asked to submit following details:

- Commitment that no tree falling shall be done without permission.
- Top soil management plan.
- Revised CER by project cost as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 Murrum 5,966 cum/annum.
2. A setback of 07 meters shall be left as non mining area due to kachha road on west side.
3. A budgetary provision for Environmental management Plan of Rs. 4.60 Lakh as capital and Rs 1.88 Lakh/year and under CSR Rs. 0.375 Lakh/years has proposed.

**12. Case No. – 6293/2019 Shri Mragendra Kumar Shivhare, R/o Village - Pura, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP. Prior Environment Clearance for Crusher Stone Mine in an area of 4.00 ha. (1,42,500 cum per annum) (Khasra No. 78), Village - Bamhori, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).**

This is case of Crusher Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 78), Village - Bamhori, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP) 4.00 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 leases 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: 23/10/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

**13. Case No. – 6241/2019 Shri Dinesh Sirvi, Village - Konda, Dist. Dhar, MP – 454335 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (9,700 cum per annum) (Khasra No. 165/1, 165/2, 166/1), Village - Konda, Tehsil - Kukshi, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 165/1, 165/2, 166/1), Village - Konda, Tehsil - Kukshi, Dist. Dhar (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. 2341 dated: 27/09/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Trees (700)	Within lease	-	Area (approx. 0.90 ha) occupied by trees shall be left as non mining area.
Kachcha road	03	West	Setback of 10 meters in the lease from road.
Village	150	North and North-east	Three rows plantation towards habitation

After presentation PP was asked to submit following details:

- Commitment that no tree falling shall be done and area occupied by trees shall be left as non mining area.
- Revised CER by adding traffic awareness camp for villagers as suggested by the committee.
- Copy of agreement.
- Top soil & OB management plan.
- Revised plantation as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 9,700 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 08.22 Lakh as capital and Rs 4.12 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

**14. Case No. – 6311/2019 Shri Abhishekh Kumawat, M/s Sanwaliyarundi Stone Deposit, Dongre Nagar, Dist. Ratlam, Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (14,938 cum per annum) (Khasra No. 3/1/1/1), Village - Sanwaliyarundi, Tehsil - Ratlam, Dist. Ratlam (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3/1/1/1), Village - Sanwaliyarundi, Tehsil - Ratlam, Dist. Ratlam (MP) 4.00 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. 84 dated: 27/04/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha., including this mine.

**Project Description:**

Name of Mine	Sanwaliyarundi Stone Deposit
Name of Mineral	Stone (Basalt)
Project Proponent	Shri. Abhishek Kumawat S/o Shri. Jaswant Kumawat, Village-Sanwaliyarundi, Tehsil-Ratlam, District-Ratlam(M.P.)

Location of the mine	3/1/1/1	Village: Sanwaliyarundi
	Tehsil: Ratlam	District: Ratlam
Topo Sheet No.	46 I/ 15	
Topography & Elevation Profile	Undulated Plain 445 MRL to 442 MRL	
Pvt. land or Govt. land	Govt. Land (Khasra)	
New/ existing / Renewal mine/Lease Period	10 Years Collector Sanctioned letter	
Lease area & Production of Stone	4.0 Ha & Stone: - Max. 14938 M3/Year	
Reserve Depth & Total Geological Reserve- Stone	15 meter BGL / 600000 M3	
Available Movable Reserve- Stone	457700 M3	
Mine depth for 1st five years	6 m	
Mine Life	30 years	

During presentation it was recorded from the Google image that a river is passing at a distance of approx. 60 meters towards East, hence PP will submit river protection plan in final EIA report. Committee after deliberations decided that being it's a case Stone Quarry with total area of 8.00 ha., including this mine. According to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 05 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Detailed study of ground vibration and fly rocks shall be done.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Cumulative effect of whole cluster on Air, water, soil and noise to be addressed in EIA report.

**15. Case No. – 6242/2019 Shri Ashok Maina S/o Shri Devi Singh Maina, Village - Adampura, Tehsil & Dist. Khargone, MP – 451001 Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (9,215 cum per annum) (Khasra No. 47, 48), Village - Adampur, Tehsil - Khargone, Dist. Khargone (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 47, 48), Village - Adampur, Tehsil - Khargone, Dist. Khargone (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. 1845 dated: 13/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Water body	350	West	-
Kachcha road	25	South-West	-

During presentation it was recorded from the Google Map that crusher is already installed at mine site and an old mined out pit is in existence for which PP submitted that its old pit which they have shown on surface map and mine plan. After presentation PP was asked to submit following details:

- Copy of consent of already installed crusher at site.
- Revised CER by adding traffic awareness camp for villagers as suggested by the committee.
- Revised plantation as suggested by the committee.
- Top soil & OB management plan.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 9,215 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 07.36 Lakh as capital and Rs 4.38 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

**16. Case No. – 6243/2019 Smt. Rajni Mandloi W/o Shri Lalsingh Mandloi, Village - Mohanpura, Tehsil - Gandhwani, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (21,506 cum per annum) (Khasra No. 378/1), Village - Mohanpura, Tehsil - Gandhwani, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site ((Khasra No. 378/1), Village - Mohanpura, Tehsil - Gandhwani, Dist. Dhar (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. 806 dated: 17/04/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Water body	40	South	Setback of 10 meters in the lease from water body.
Kachcha road	25	South	-
Water body	300	South -East	-

After presentation PP was asked to submit following details:

- Revised CER by adding traffic awareness camp for villagers as suggested by the committee.
- Top soil & OB management plan.
- Revised plantation as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.07.2019, 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 21,506 cum/annum.
2. A Setback of 10 meters in the lease from water body shall be left as non mining area.
3. A budgetary provision for Environmental management Plan of Rs. 07.89 Lakh as capital and Rs 2.97 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

**17. Case No. – 6097/2019 M/s Denine Granites, Village - Ghosipur, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Crusher Stone Quarry in an area of 5.00 ha. (Production capacity-2,99,965 cum per annum) (Khasra No. 38), Village - Ghosipur, Tehsil - Gaurihar, 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. 38), Village - Ghosipur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 5.00 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. 1443 dated: 28/2/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 362<sup>nd</sup> SEAC meeting dated 15/04/2019 but, neither the Project Proponent (PP) nor his authorized 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 to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting(SEAC 371<sup>st</sup> meeting dated 21/05/2019), this case was again scheduled for presentation, wherein 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 362<sup>nd</sup> SEAC meeting dated 15/04/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant, wherein it was recorded this is Crusher Stone Quarry with area of 5.00 ha, and SEIAA vide letter no 719 dated 21/05/2019 stated that al the case up to area of 5.00 ha will be granted for EC under B-2 category. Further it was recorded through Google image that it is a Hillock mining, and mining is proposed for 18 meters high and 39 meters below the ground level total 58 meters cutting is proposed, however a village is at a distance of 160 meters towards South-East direction. In order to keep the safety measures for the village, committee decided to visit the site for further necessary action regarding this Mine.

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

**(Dr. R. Maheshwari)**  
**Member**

**(Dr. J. P. Shukla)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**

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

**Annexure- 'A'**

**Standard conditions applicable to Stone/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.

**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.