

The 382nd meeting of the State Expert Appraisal Committee (SEAC) was held on 09th July, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Shri. R. S. Kori, Secretary.

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

1. **Case No. - 6285/2019 Executive Engineer, M/s Indore Development Authority, 7, Race Course Road, Dist.- Indore, (M.P.) - 452003. Prior Environment Clearance for Proposed Construction of Multi Storied Residential cum Commercial Building Project (Total Plot area: 8588.0 m³, Total Proposed Built-up area: 29,214.0 sqm) at Plot No. CMR-5, Scheme No. 136, Niranjapur, Dist. - Indore, (M.P.) Cat. 8 (a) Building Construction Projects. SIA/MP/NCP/24942/18. Env. Con. – In Situ Enviro Care, Bhopal (M.P.).**

This is case of Prior Environment Clearance for Proposed Construction of Multi Storied Residential Cum Commercial Building Project (Total Plot area : 8588.0 m³, Total Proposed Built-up area : 29214.0 sqm) at Plot No. CMR-5, Scheme No. 136, Niranjapur, Dist. - Indore, (M.P.) Cat., 8(a) Building and Construction Projects.

The case was presented by the PP and their consultant and during presentation and perusals of the documents it was observed by the committee that it's a case of violation. During presentation, PP submitted that 85% construction is completed and they have started construction since 2017. Following salient features of the project were submitted by PP:

Particulars	Status
Area of the project	8588.0 Sq.mt
Construction Status of Multi Unit	85%

Installed STP Capacity	160 KLD
Dual Plumbing Line	In all multi units dual plumbing lines have been installed with separate overhead individual tanks.
Rain Water Harvesting Recharge Pits	8 Nos. of 4.5 Cum. Each (Constructed)
Landscaping	736 Sq.mt.
Energy Conservation through solar light & energy saving equipments	Solar lighting installation is proposed, it will cover approx. 30% of total common lighting. In this project all energy saving equipments installed with star ratings. LED light have been used in entire project.
Parking Provision 2 BHK Flats – 180 Nos. 3 BHK Flats – 36 Nos. Total = 216	Sufficient parking place are provided in cellars. About 6692 sq.mt. Parking area will be provided.
Fire Safety	Fire equipments as per NBC Provisions have been installed in all multi units. Final inspection by the concerned authority for the same is under process.
Building Material used in construction	75% of total construction has been done using fly ash mixed bricks. Ready mix concrete has been used to save water consumption. Very less use of timber as a building material.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this

notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, top sheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Performance evaluation of existing STP and other facilities shall be carried out as 100% possession is given in this project.
5. Land acquisition status, R & R details.
6. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
7. Baseline environmental study for ambient air (PM10, PN2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
8. Details on flora and fauna and socio-economic aspects in the study area.
9. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.).

10. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
 11. Waste water management (treatment, reuse and disposal) for the project and also the study area.
 12. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
 13. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
 14. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
 15. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
 16. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
2. **Case No. – 6347/2019 Shri Sukhdeo Prasad Goyanka, Village - Kubri, Tehsil - Maihar, Dist. Satna, MP Prior Environment Clearance for Expansion of Limestone, Bauxite and Clay Quarry in an area of 69.30 ha. (2,10,803 tonne per annum) (Khasra No. 27, 29, 30P, 31P, 32P, 33, 34, 35P, 110P, 112, 113, 114, 119, 1), Village - Kubri, Tehsil - Maihar, Dist. Satna (MP).EIA CONSULTANT-CSIR-Central Institute of Mining and Fuel Research.**

This is case of Expansion of Limestone, Bauxite and Clay Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 27, 29, 30P, 31P, 32P, 33, 34, 35P, 110P, 112, 113, 114, 119, 1), Village - Kubri, Tehsil - Maihar, Dist. Satna (MP) 69.30 Ha. The project requires prior EC before commencement of any activity at site.

This is a Mining Lease of mineral Limestone , Clay and Bauxite, near village- Kubri , Tahesail-Maihar, District- Satna, Madhya Pradesh over an area of 69.301 hectare. GO has been issued in favour of M/s Sukhdeo Prasad Goenka, Station Road Katni vide deed no 451108 made on 19 /08/2014.

The mine lease area is >50ha. is considered as Category ‘A’ project as per MOEF Office Memorandum J-13012/12/2013-IA(I) Dated 24th December 2013 hence it come under jurisdiction of Central Environment Impact Assessment Authority (EIAA), MOEF, New Delhi . Lessee applied for Environment Clearance under EIA Notification, 2006. Proposed production from this mine is 2,10,803 tone/annum Tone per annum.

TOR of the project obtained from MOEF 28/03/2017 but due to recent notification the EIA/EMP is to be considered by SEIAA/SEAC

EIA was submitted by the PP vide letter 06/06/2019 which was forwarded through SEIAA vide letter no 1105 dated 11/06/2019, which was placed before the committee.

EIA was presented by the PP and their consultant wherein following details were submitted during presentation by PP:

Salient features of the project:

Sl. No.	Item	Description
1.	Name of the Project	Lime Stone, Bauxite and Clay Mine at Village: Kubri,Tahsil: Maihar, Dist: Satna(M.P)
2.	Promoting Company	M/s Sukhdeo Prasad Goenka Goenka Bhavan,Station Road ,Katni, -483501,M.P.
3.	Location of the project	Village: Kubri Tahsil : Mahiar District: Satna State: Madhya Pradesh .The area lies between Longitude Latitude: 240 06’ 49’’.4 N to 240 07’ 38’’.0 N , Longitude: 800 47’ 05.7’’ E to 800 47’ 44’’.0 E and the part of Toposheet no- 63D/16. (Page 8 of Mining Plan)
4.	Lease hold area /cost of project	69.301 Hectare /100 corers
5.	Proposed Mine Capacity	Peak - 2.10,803 tonne/annum

6.	Type of Mining	Open cast
7.	Mining Plan	Mining Plan is approve by Indian Bureau of mines Jabalpur vide letter no MP/Satna/Limestone/MPLN/MOD-29/15-16/2225 dated 22.07.16

<u>Proposed Production</u>	<u>- 2.10,803 tonne/annum</u>
<u>Validity of lease</u>	<u>20 years</u>
<u>Ultimate depth</u>	<u>21.5 meter</u>
<u>Method of working</u>	<u>Opencast Mechanized with controlled blasting (whenever required).</u>
<u>Water demand</u>	<u>25.0KLD (1.0KLD for Drinking, 24.0KLD for Dust Suppression and Plantation)</u>
<u>Man Power requirement</u>	<u>33</u>
<u>Nearest Railway station/Air Port</u> <u>Nearest state / national highway</u>	<u>Railway Station: Maihar (10 km)</u> <u>Airport: Jabalpur (130 Km)</u> <u>State Highway: 5 KM</u>

PROJECT AFFECTED FAMILY (PAF) AND PEOPLE (PAP)

SL. NO.	VILLAGE	PAF	PAP
1	KUBRI	1	35
TOTAL		1	35

During presentation it was observed from the Google image that a HT line is passing through the lease and 50 meters of area from the both sides in the lease to be left as non-mining zone. After presentation PP was asked to submit following details:

1. Undertaking that blasting shall be carried-out by licensed person.
2. Details of blasting geometry and the machinery used are to be submitted.
3. Revised EMP & CER as suggested during presentation.

4. Detailed R&R plan with copy of all the papers and consent letter from the Project affected families i.e. PAF regarding their R & R issues.
 5. Clarifications regarding any litigation are pending for R & R is to be submitted.
3. **Case No. – 6299/2019 M/s Swastik Bulmat India Pvt. Ltd, E-102, Ashok Ratan, Vidhan Sabha Road, Shankar Nagar, Dist. Raipur, CG – 492004 Prior Environment Clearance for Iron Ore Mine in an area 9.02 ha.(Mining-5.42 ha and Ancillary activity -3.60 ha;). (50,000 tonne per annum) (Khasra No. 413 Part, 423, 476/1, 476/2), Village - Pratappur, Tehsil - Sihora, Dist. Jabalpur (MP). EIA Consultant: Aplinka Solutions & Technologies Pvt. Ltd.**

This is case of Iron Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 413 Part, 423, 476/1, 476/2), Village - Pratappur, Tehsil - Sihora, Dist. Jabalpur (MP) 5.42 Ha. The project requires prior EC before commencement of any activity at site.

Project at a Glance:

- The total mine lease area is 9.02 ha (5.42 ha –Mining and Ancillary activity -3.60 ha. The topography of the area is small mound having prominent slope towards East. A canal flows at a distance to 100 meter from the lease boundary towards east and north direction. These distributaries will be protected through garland drain with in safety zone.
- Site services will be constructed as per Mines Act and Mines Rule 1955.
- Out of 9.02 ha mining activities are proposed to be carried out in the area of 0.729 ha up to 5th year and 4.73 ha area till conceptual period. Out of 4.73 ha about 1.45 ha area will be backfilled and reclaimed during the conceptual period. The height of the backfilling will be up to the ground level. Area reclaimed by water harvesting will be 3.28 ha. Green belt area will constitute about 0.69 ha.
- 20741 cum of OB/ waste will be used for temporary Stacking during proposal period. It will be done within 0.46 ha area up to 6.0 m height. Simultaneously backfilling will be done in 1.45 ha. mined out area during conceptual period.
- Opencast Mechanized method of mining will be adopted in the lease area.
- No impoundment or damming is involved in the project. The ultimate depth of mining will be 20 meter (up to 383 mRL) below general ground level (403 mRL)
- The mining will be restricted above GWT. No change is anticipated in the hydrology of watercourses or aquifers by the mining operation.
- The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.

- 10.0 m³/day of water will be required for plantation, mining and allied activities as well as for domestic purpose.

The case was presented by the PP and their consultant, wherein PP submitted that no drilling and blasting is proposed in this project and mining will be carried out through bucket excavation. There are about approx. 274 Mahuva (*Madhuca longifolia*) trees within lease area and out of this about 44 lies within barrier zone. Remaining 230 trees lies with in core zone of the lease area and needs to be uprooted. PP submitted that these trees will be uprooted with due permission from statutory body and they will plant 05 times compulsory trees. Committee recommends that additional 10 times compulsory plantation shall be carried out against the trees to be uprooted and same shall be detailed out in EIA report.

Committee after deliberation decided to recommend standard TOR as prescribed by MoEF&CC, since this is a case of major mineral with total area of 9.02 ha with following additional TOR as annexed as Annexure D:

- Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
- If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
- Top soil management plan.
- Land use plan should be plotted on the map.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Hydro geological studies should be carried out and be discussed in the EIA report.
- Approval of tree falling from competent authority is to be annexed in final EIA report.

4. Case No. – 6127/2019 Shree Mulshankar Lohar S/o Shree Ramratan Lohar, Village - Anantkhedi, Tehsil - Petlawad, Dist. Jhabua, MP – 457773 Prior Environment Clearance for Crusher Stone Quarry in an area of 3.00 ha. (19,000 cum per annum) (Khasra No. 512), Village - Anantkhedi, Tehsil - Petlawad, Dist. Jhabua (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 512), Village - Anantkhedi, Tehsil - Petlawad,

Dist. Jhabua (MP) 3.00 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. 357 dated: 21/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 7.00 ha., including this mine.

The case was scheduled for the presentation in 369th SEAC meeting dated 03/05/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

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

Project Description:

Name of Mine Description	Renewal	
Name of Mineral	Stone (Basalt)	
Project Proponent	Shree. Mulshankar Lohar S/o Shree Ramratanji R/o –Petlawad, Tehsil-Petlawad, Jhabua(M.P.)	
Location of the mine	Khasra- 512	Village: Anantkhedi
	Tehsil: Petlawad	District: Jhabua
Topo Sheet No.	46 J/ 13	
Topography & Elevation Profile	Hilly undulated with eastern part of lease area is excavated upto depth of 4 meters 421 MRL to 419 MRL Drainage Pattern- Dendritic	
Pvt. land or Govt. land	Government Land (Khasra)	
New/ existing / Renewal mine/Lease Period	10 Years	

Lease area & Production of Stone	3.0 Ha & Stone :- Max. 19000 M3/Year
Reserve Depth & Total Geological Reserve- Stone	20 meter BGL / 600000 M3
Available Minal Reserve- Stone	441010 M3
Mine depth for 1st five years	5 mtrs.
Mine Life	23 years

During presentation PP submits that Baseline monitoring of this project area is already done in March –May 2019. Committee after deliberations decided that being it's a case Stone Quarry with total area of 7.00 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. Consent of earlier EC is to be annexed in final EIA Report.
2. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
3. Slurry & silica management plan is to be submitted.
4. Free silica and dust emission from drilling -blasting, shall be a parameter in air modeling.

5. Case No. – 6118/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, 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. 1/1), Village - Nindwaniya, Tehsil - Badnawar, 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. 728 dated: 11/04/2018 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.00 ha., including this mine.

The case was scheduled for the presentation in 369th SEAC meeting dated 03/05/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In this meeting, 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 369th SEAC meeting dated 03/05/2019. 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.

6. Case No. – 6350/2019 Shri Raj Kumar Khurana, M/s Amazon Mining Pvt. Ltd, RZ - 152, Raj Nagar, Part - 02, Palam Colony, New Delhi Prior Environment Clearance for Metal Stone Quarry in an area of 7.45 ha. (670880.47 tonne per annum) (Khasra No. 769 Part), Village - Rehada, Tehsil - Chitrangi, Dist. Singrauli (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 769 Part), Village - Rehada, Tehsil - Chitrangi, Dist. Singrauli (MP) 7.45 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 76 dated: 02/02/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was recorded from the Google image that the lease is being surrounded by huge plantation, approx. more than 500 trees are present in the lease area. Committee after discussion decided that before TOR recommendation, PP should submit the whole inventory of the existing trees with their Girth,

species, height and number along with the drone videography of the site for further consideration of this project.

7. Case No. – 6213/2019 Smt. Deepa Singh W/o Shri Anirudh Singh, Jyoraha, Tehsil - Laundi, Dist. Chhatarpur, MP -471510 Prior Environment Clearance for Stone Quarry in an area of 1.311 ha. (14,956 cum per annum) (Khasra No. 1159), Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1159), Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.311 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. 2035 dated: 22/04/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was not scheduled for the presentation in 371st SEAC meeting dated 21/05/2019 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.

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	45	South	Setback of 10 meters in the lease from drain.
Pucca road	325	South-East	-
Trees (8 nos)	Within lease		Commitment that no tree falling without permission

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

- Commitment for 10 meters setback.
- Revised CER by eliminating proposed waste dump yard as suggested by the committee.
- Revised plantation as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 14,956 cum/annum.
2. Setback of 10 meters in the lease shall be left as non mining area from natural drain.
3. A budgetary provision for Environmental management Plan of Rs. 08.04 Lakh as capital and Rs 2.66 Lakh/year and under CSR Rs. 0.80 Lakh/years has proposed.

8. Case No. – 6123/2019 Shri Brajendra Sharma S/o Shree Vidharam Sharma, Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua, MP – 457779 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (9,700 cum per annum) (Khasra No. 219, 220, 221, 222/2 & 227), Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 219, 220, 221, 222/2 & 227), Village - Nawapada, Tehsil - Meghnagar, Dist. Jhabua (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 308 dated: 06/02/19 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.597 ha., including this mine.

The case was scheduled for presentation in 366th SEAC meeting dated 30/04/2019, wherein consultant presented the authorized letter on behalf of PP but, the committee observed that the authorized representative is unable to respond to any query of committee. Thus committee after deliberations decided that PP may be called for appraisal of this case in subsequent meetings.

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	70	South	Garland drains & settling tank.
Natural drain	80	North-West	Garland drains & settling tank.
Habitation	430	South	Triple row plantation towards habitation

The case was presented by the PP and their consultant. During presentation PP submits that crusher is not installed within lease area. After presentation the committee asked to submit following details:

- Revised CER as adding distribution of swings, slides and water purifier in nearest school suggested by the committee during presentation.
- Copy of land owner agreement.
- Revised EMP by eliminating proposed VT.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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. 08.36 Lakh as capital and Rs 2.86 Lakh/year and under CSR Rs. 0.50 Lakh/years has proposed.

9. Case No. – 6131/2019 Shri Jai Bahadur Singh, Village - South Karoundia, Tehsil - Gopadbanas, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 1.110 ha. (6,132 cum per annum) (Khasra No. 01 Parts), Village - Kathas (A), Tehsil - Gopadbanas, Dist. Sidhi (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01 Parts), Village - Kathas (A), Tehsil - Gopadbanas, Dist. Sidhi (MP) 1.110 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. 1003 dated: 07/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.10 ha., including this mine.

The case was scheduled for the presentation in 366th SEAC meeting dated 30/04/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

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

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction
1.	Pond	300	South

During presentation it was recorded that it is a hill-lock mining of approx. 20 meters and it will be reaches up to the depth of 30 m. from highest ground level. i.e. MSL 384m. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,132 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.52Lakh as capital and Rs. 2.53 Lakh/year. Under CER Rs. 0.50 Lakh/ year has proposed.

10. Case No. – 6132/2019 Shri Jai Bahadur Singh, Village - South Karoundia, Tehsil - Gopadbanas, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 1.990 ha. (12,432 cum per annum) (Khasra No. 01 Parts), Village - Kathas (B), Tehsil - Gopadbanas, Dist. Sidhi (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01 Parts), Village - Kathas (B), Tehsil - Gopadbanas, Distt. Sidhi (MP) 1.990 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, 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. 1004 dated: 07/02/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.10 ha., including this mine.

The case was scheduled for the presentation in 366th SEAC meeting dated 30/04/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

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

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction
1	Pond	300	South

During presentation it was recorded that it is a hill-lock mining of approx. 20 meters and it will be reaches up to the depth of 30 m. from highest ground level. i.e. MSL 384m. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,432 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.86 Lakh as capital and Rs. 2.53 Lakh/year. Under CER Rs. 1.05 Lakh/ year has proposed.

11. Case No. – 6049/2019 Shri Charka Col, Village - Jamodi, Tehsil - Banas, Dist. Sidhi, MP – 468446 Prior Environment Clearance for Sand Deposited in an area of 1.60 ha. (48,000 cum per annum) (Khasra No. 3/1, 4/2, 7/1/2), Village - Guduwadhar, Tehsil - Kusmi, Dist. Sidhi (MP).

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 3/1, 4/2, 7/1/2), Village - Guduwadhar, Tehsil - Kusmi, Dist. Sidhi (MP) 1.60 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1068 dated: 06/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 360th SEAC meeting dated 11/04/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In this meeting, (371st SEAC 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 360th SEAC meeting dated 11/04/2019. 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.

Today, this case was 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. Earlier PP was also absent in the 371st SEAC meeting dated 21/05/2019 and 360th SEAC meeting dated 11/04/2019. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

12. Case No. – 6109/2019 M/s Sukhda Minerals, Shri Sandeep Kumar Tiwari, Director, Sawarkar Ward, Dist. Katni, MP Prior Environment Clearance for Stone Quarry in an area of 1.791 ha. (52,611 cum per annum) (Khasra No. 307/1/1/2, 307/1/2, 307/1/3), Village - Banka, Tehsil - Chandiya, Dist. Umariya (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 307/1/1/2, 307/1/2, 307/1/3), Village - Banka, Tehsil - Chandiya, Dist. Umariya (MP) 1.791 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office ((Ekal Praman-Patr) letter No. 327 dated: 06/10/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting, (367th SEAC meeting dated 01/05/2019) 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 363rd SEAC meeting dated 16/04/2019. 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.

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

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks.
1.	Pucca road	20	South	Setback of 30 meters from road side.
2.	Pucca road	30	North	Setback of 20 meters from road side.

During presentation it was submitted by PP that the site lies outside of ESZ of Bandhavgarh Tiger Reserv (0.80 Kms) as per the map submitted by Deputy Director, Bandhavgarh Tiger Reserv, Umariya. PP submits that crusher will not be installed within lease area. After presentation the committee asked to submit following details:

- Revised CER by eliminating proposed waste dump yard as suggested by the committee.
- Revised plantation as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 52,611 cum/annum.
2. Setback of 20 meters from North and 30 meters from South side in the lease shall be left as non mining area from road.
3. A budgetary provision for Environmental management Plan of Rs. 09.33 Lakh as capital and Rs 2.25 Lakh/year and under CSR Rs. 1.00 Lakh/years has proposed.

13. Case No. – 6223/2019 Smt. Nandan Markam W/o Shri Santosh Markam, Ward No. 3, Dist. Dindori, MP – 481880 Prior Environment Clearance for Stone Quarry in an area of 1.00 ha. (8,039 cum per annum) (Khasra No. 139), Village - Kathotiya, Tehsil - Shahpura, Dist. Dindori (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 139), Village - Kathotiya, Tehsil - Shahpura, Dist.

Dindori (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. 43 dated: 17/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 374th SEAC meeting dated 25/05/2019 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.

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
Pond	170	North-West	-
Pucca road	130	South	-
Isolated hutments	-	East	Protection plan against blasting - During presentation it was suggested by the PP that mine should advance from West to east as in East. Once the mine will advance from West to East a high wall will develop towards west and which will acts as a barrier for the isolated hutments from fly rocks.
Natural Drain	115	North-	--

After presentation PP was asked to submit following details:

- Revised EMP by adding cost of road that will develop and maintained by PP.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 8,039 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 08. 09 Lakh as capital and Rs 1.78 Lakh/year and under CSR Rs. 0.50 Lakh/years has proposed.

14. Case No. – 6369/2019 M/s Grey Marfel Mine and Minerals, Shri Mohammed Toshif, Mukundpura, Tehsil - Jeerapur, Dist. Rajgarh, MP Prior Environment Clearance for Flagstone Quarry in an area of 2.00 ha. (15,000 cum per annum) (Khasra No. 24/2/1/1, 61/2/1, 62/1, 62/2, 63/1, 63/2, 68/1, 68/2, 68/3, 69/1, 69/2, 69/3, 70/1, 71/1, 76/1, 76/2, 77/1, 77/2, 64/4), Village - Mukundpura, Tehsil - Jeerapur, Dist. Rajgarh (MP).

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 24/2/1/1, 61/2/1, 62/1, 62/2, 63/1, 63/2, 68/1, 68/2, 68/3, 69/1, 69/2, 69/3, 70/1, 71/1, 76/1, 76/2, 77/1, 77/2, 64/4), Village - Mukundpura, Tehsil - Jeerapur, Dist. Rajgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 725 dated: 28/05/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, 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
River	175	West	-

Pucca road	50	North-East	-
Habitation	400	East	-
River	400	South	-

During presentation PP submits that no blasting will be carried-out in this project. 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 15,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 11. 68 Lakh as capital and Rs 4.60 Lakh/year and under CSR Rs. 0.90 Lakh/years has proposed.

15. Case No. – 6039/2019 Shri Uday Dubey S/o Shri Badri Prasad Dubey, Pathak Colony, Hirwara, Dist. Katni, MP – 483501 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (8,100 cum per annum) (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (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. 897 dated: 18/02/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

Earlier this case was scheduled in 361st SEAC meeting dated 12/04/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA

The case was presented by PP and their consultant in 371st SEAC meeting dated 21/05/2019. During presentation PP himself submits that the co-ordinates of this QL area are not matching with the actual co-ordinates of the lease and will submit the revised co-ordinates. Committee decided that PP to submit revised co-ordinates duly verified by the competent authority for further consideration of this project.

PP has submitted the revised co-ordinates of the lease boundary which are as follows:

COORDINATE	PILLAR NO. 1	PILLAR NO. 2	PILLAR NO. 3	PILLAR NO.4
Latitude	23°47'5.99"N	23°47'11.40"N	23°47'11.58"N	23°47'5.97"N
Longitude	80°28'6.90"E	80°28'6.83"E	80°28'10.70"E	80°28'10.86"E

Based on the above submission this case was presented by the PP and their consultant wherein after presentation the committee asked to submit following details:

- Revised plantation species by replacing “Palash” with “Saptparni” species as suggested by the committee.
- Revised EMP by replacing overhead water sprinkling system by tanker as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 8,100 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.53 Lakh as capital and Rs 1. 17 Lakh/year and under CSR Rs. 0.45 Lakh/years has proposed.

16. Case No. – 6065/2019 Smt. Meena Tiwari W/o Shri R.K.Tiwari, MIG - 116, Sanjeev Nagar, Naveri, Lalghati, Bhopal, MP – 483501 Prior Environment Clearance for Murrum Deposit Quarry in an area of 2.00 ha. (8,100 cum per annum) (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (MP).

This is case of Murrum Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (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. 898 dated: 08/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

The case was presented by the PP and their consultant in 372nd SEAC meeting dated 22/05/2019. During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that coordinates given in the mining plan are not matching with the actual lease. The PP was asked to submit revise coordinates duly verified by the competent authority for further consideration of the case. PP has submitted the revised coordinates of the lease boundary which are as follows:

COORDINATE	PILLAR NO. 1	PILLAR NO. 2	PILLAR NO. 3
Latitude	23°47'4.96"N	23°47'11.85"N	23°47'11.40"N
Longitude	80°28'3.20"E	80°28'3.17"E	80°28'6.83"E
COORDINATE	PILLAR NO.4	PILLAR NO. 5	
Latitude	23°47'5.99"N	23°47'4.44"N	
Longitude	80°28'6.90"E	80°28'4.16"E	

Based on the above submission this case was presented by the PP and their consultant wherein after presentation the committee asked to submit following details:

- Revised plantation species by replacing “Palash” with “Saptarni” species as suggested by the committee.
- Revised EMP by replacing overhead water sprinkling system by tanker as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 8,100 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.13 Lakh as capital and Rs 1.17 Lakh/year and under CSR Rs. 0.45 Lakh/years has proposed.

17. Case No. – 6220/2019 M/s Maa Sharda Stone Crusher, Shri Ranveer Singh Yadav, A-146, Mejar Ahmad Ka Makan, Anand Nagar, Bahodapur, Dist. Gwalior, MP – 477001 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.340 ha. (26,460 cum per annum) (Khasra No. 1038/2, 1048/1), Village - Dimran, Tehsil - Gohad, Dist. Bhind (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1038/2, 1048/1), Village - Dimran, Tehsil - Gohad, Dist. Bhind (MP) 1.340 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. 7534 dated: 14/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in 374th SEAC meeting dated 25/05/2019 wherein 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.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	Adjacent to lease	North	Set back of 10 meter in the north.

Settlement	30	West	PP submits that it is a crusher plant
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After presentation the committee asked to submit following details:

- Revised plantation species by replacing “Arjun” species with “Amaltas” as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 09.07.2019, 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 26,460 cum/annum.
2. Set back of 10 meter in the north side due to existance of Kachha road.
3. A budgetary provision for Environmental management Plan of Rs. 12.14 Lakh as capital and Rs 1. 42 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(Dr. J. P. Shukla)
Member

(R. S. Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/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.