

The 360<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 11<sup>th</sup> April, 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. Shri Prashant Srivastava, 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. 5104/16 Shri Kishore Kumar Bagariad, M/s Shree Kamal Lime Industries, Station Road, Katni (MP) Prior Environment Clearance for Lime Stone & Dolomite mine in an area of 3.73 ha. (16,947 TPA) at Khasra No. - 126, 128, 129, Village-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP). Environmental Consultant - M/s Creative Enviro Services.**

This is case of Lime Stone & Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 126, 128, 129, Village-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP) 3.73 ha. The project requires Prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 47<sup>th</sup> SEAC-II meeting dated 27/08/2016, wherein it was recorded that: Being it a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
4. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
5. Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Office.
6. Year wise details of minerals already excavated till date should be submitted with EIA report.
7. Afforestation plan with some species of meditational plants.

8. Progressive mine closure plan should be addressed in EIA report.
9. Photographs of sampling along with its all input output data and its back-up calculation.
10. Monitoring of Air, Water and Noise should be carried out on Atleast 08 locations selected on the basis of environmental sensitivity.
11. Environmental policy with organization management plan should be given along with EIA report.
12. Modeling input data sheet with results should be submitted with EIA report.
13. Documents pertaining to validity of lease should be enclosed with the EIA report.
14. Details of year wise production obtained (if any) should be submitted with EIA report.

PP has submitted the EIA vide letter dated 23/3/2019 which was forwarded through SEIAA vide letter no. 2845 dated 29/03/2019, which was placed before committee for EIA Presentation.

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                                                 | : Rajarwara Limestone & Dolomite Mine (3.73ha )<br>Khasra No. : 126, 128, 129<br>Village- Rajarwara, Tehsil- Vijayraghavgarh, Dist- Katni (MP)                                                                                                                                                                               |
| 2      | Name of the Company, Address Tele No. & E-mail                                     | Kishore Kumar Bagaria                                                                                                                                                                                                                                                                                                        |
| 3      | Latitude and Longitude of the project                                              | 1. 23°59'33.0" - 80°29'46.2"<br>2. 23°59'33.1" - 80°29'51.7"<br>3. 23°59'31.0" - 80°29'51.8"<br>4. 23°59'30.1" - 80°29'56.5"<br>5. 23°59'28.1" - 80°29'56.6"<br>6. 23°59'27.9" - 80°29'50.8"<br>7. 23°59'25.9" - 80°29'50.5"<br>8. 23°59'26.1" -80°29'49.7"<br>9. 23°59'27.9" - 80°29'47.6"<br>10. 23°59'30.3" - 80°29'47.0" |
| 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,            | New, area – 3.73ha, Pvt. land<br>connectivity- Jukehi Kymore Bhadanpur Road –                                                                                                                                                                                                                                                |

|    |                                                                                                                                                                                    |                                                                                                       |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|    | project components, connectivity to the site etc                                                                                                                                   | 0.350km - N                                                                                           |
| 6  | Whether the project is in the Critically Polluted Area (CPA):                                                                                                                      | No                                                                                                    |
| 7  | Cost of the project                                                                                                                                                                | 80.0 lakh                                                                                             |
| 8  | Employment generated/to be generated                                                                                                                                               | 40                                                                                                    |
| 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                                                                          | New                                                                                                   |
| 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 revised ToR, if any, letter issued by the authority                                                                                                   | 1433/PS-MS/MPPCB/SEAC-II/M/TOR(047)/2016<br>Bhopal date 16.09.2016                                    |
| 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)                                                                                                           |                                                                                                       |
| 16 | Type of Mine: (Open cast/Underground/mixed):                                                                                                                                       | Opencast                                                                                              |
| 17 | Capacity of the mine applied for                                                                                                                                                   | Limestone and Dolomite, 16947TPA                                                                      |
| 18 | ML Area i. As per block allotment ii. As per approved mine plan                                                                                                                    | 3.73ha                                                                                                |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                    | Mining plan approval date –<br>MP/Katni/Limestone/MPLN/Modi-19/15-16/767<br>Jabalpur dated 29.02.2016 |
| 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                                                                 | Given below                                                                                           |
| 24 | Numbers of plantation with name of                                                                                                                                                 | Given below                                                                                           |

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

During presentation it was observed from the Google image based on the co-ordinates provided by the PP that a HT line (approx.11 KVA) is passing above the mine, PP submits that they have already left as non-mining zone as per the statutes. However, PP was asked to adopt necessary precaution during blasting. After presentation, PP was asked to submit response on following:

1. Year-wise production details since 1994.
  2. Dewatering plan and sludge management & disposal plan with quantification.
  3. Proposed precaution against blasting as there is a HT line passing above the lease.
  4. Commitment from the PP that mine will progress from West to East and orientation of phase will be from North to South.
  5. Compliance TOR point no 8 to be submitted
  6. Revised dimensions of garland drain and settling tank as per the peak rainfall of this area.
  7. Revised plantation details.
  8. Proposal for mine safety.
  9. Revised EMP by adding VT & safety sign boards.
2. **Case No. – 6053/2019 M/s Granite Fields LLP, 203, 2nd Floor SR1, Rudraksh Park 1, Aakriti Ecocity, Bawadian Kalan, Rohit Nagar, Dist. Bhopal, MP Prior Environment Clearance for Granite/Dolerite Quarry in an area of 7.00 ha. (10,000 cum per annum) (Khasra No. 116, 117, 127, 128), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP). Environmental Consultant -M/s Creative Enviro Services.**

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 116, 117, 127, 128), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP) 7.0 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 Officer letter No. 1826 dated: 21/12/18 has reported that

there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 15.646 ha. including this mine.

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

**Salient features of this project:**

| S. no. | Particular                                                                                                               | Details                                                                                                                         |
|--------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1      | Name of the project & its location                                                                                       | : <b>Chatua Granite/Dolerite mine (7.00 ha)</b><br>Khasra No. 116, 117, 127, 128<br>Village-Chatua, Tehsil & Dist- Anuppur (MP) |
| 2      | Name of the Company, Address<br>Tele No. & E-mail                                                                        | M/s GRANITE FIELDS LLP<br>381, PUJARIYO KA CHOUNK, GRATER ROAD,<br>BRAMHAPURAI, JAIPUR                                          |
| 3      | Latitude and Longitude of the project                                                                                    | 23 <sup>0</sup> 11'38.3" to 23 <sup>0</sup> 11'46.18" North<br>81 <sup>0</sup> 45'28.56 " to 81 <sup>0</sup> 45'63.91" 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 – 7.00ha, Govt. Land<br>Connectivity-NH-78 - 2.50 km - S                                                              |
| 6      | Whether the project is in the Critically Polluted Area (CPA):                                                            | No                                                                                                                              |
| 7      | Cost of the project                                                                                                      | 80.0 lakh                                                                                                                       |
| 8      | Employment generated/to be generated                                                                                     | 19                                                                                                                              |
| 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                | New                                                                                                                             |
| 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/dolerite</b>             |
| 18 | ML Area i. As per block allotment ii. As per approved mine plan                                                                                                                    | 7.00ha                              |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                    | Mining plan approval date 5.10.2018 |
| 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 for plantation with budgetary provisions                                                                      | ToR stage                           |
| 25 | Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details                                                                                        | No                                  |

Committee after deliberations decided that being it's a case Granite/Dolerite Quarry with total area of 15.646 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 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 forest area.
  2. Slurry & silica management plan is to be submitted.
  3. Free silica and dust emission from drilling -blasting, shall be a parameter in air modeling.
3. **Case No. - 6021/2019 M/s Double Fortune Pvt Ltd, Plot No. 62, 2nd floor, Okhla Industrial Estate, Phase-3, New Delhi Prior Environment Clearance for Flagstone Quarry in an area of 4.99 ha. (Flagstone - 8041.0 cum per annum, Salable Waste Material - 3000.0 cum per annum) (Khasra No. 5/1 & 5/2), Village - Jajer Raiyatwari, Tehsil - Banda, Dist. Sagar (MP). Environmental Consultant -M/s Creative Enviro Services.**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 5/1 & 5/2), Village - Jajer Raiyatwari, Tehsil - Banda, Dist. Sagar (MP) 4.99 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 173 dated: 22/01/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 9.98 ha. including this mine.

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

**Salient features of this project:**

| S. no. | Particular                                     | Details                                                                                                                               |
|--------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Name of the project & its location             | : <b>Jajer Raiyatwari Flagstone mine (4.99 ha)</b><br>Khasra No. 5/1, 5/2<br>Village-Jajer Raiyatwari , Tehsil-Banda, Dist-Sagar (MP) |
| 2      | Name of the Company, Address Tele No. & E-mail | M/s, Double Fortune Private Limited<br>Plot No.-62, 2 <sup>nd</sup> Floor Okhla Industrial Estate,<br>Phase-3 New Delhi               |
| 3      | Latitude and Longitude of the project          | 24 <sup>0</sup> 06'10.8" to 24 <sup>0</sup> 06'19.2 North<br>78 <sup>0</sup> 46'09.70 to 78 <sup>0</sup> 46'24.9" East                |
| 4      | If a Joint venture, the names & addresses      | NA                                                                                                                                    |

|    |                                                                                                                                                                                    |                                                                        |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|    | of the JV partners including their share                                                                                                                                           |                                                                        |
| 5  | Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc                                                           | New, area – 4.99ha, Pvt. Land Connectivity-Banda Road NH-86 - 20.50 km |
| 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                                                                                                                                               | 18                                                                     |
| 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                                                                          | New                                                                    |
| 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 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>Flagstone</b>                                                       |
| 18 | ML Area i. As per block allotment ii. As per approved mine plan                                                                                                                    | 4.99ha                                                                 |
| 19 | Date of approval of mine plan, mine closure plan, status & date                                                                                                                    | Mining plan approval date 30.05.2018                                   |
| 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                                                                      | ToR stage                                                              |



|    |                                                                                                               |  |           |
|----|---------------------------------------------------------------------------------------------------------------|--|-----------|
|    | cost                                                                                                          |  |           |
| 24 | Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions |  | ToR stage |
| 25 | Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details                   |  | No        |

During presentation it was recorded from the DFO certificate vide letter no 724 dated 07/04/2017 that RF 202 is about 10 mts distance from the lease for that PP has obtained permission from Divisional level committee vide letter no 986 dated 11/06/2018. Committee after deliberations decided that being it's a case Flagstone Quarry with total area of 9.98 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 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 forest area.
2. Slurry & silica management plan is to be submitted.
3. Free silica and dust emission from drilling -blasting, shall be a parameter in air modeling.

**4. Case No. - 5953/2019 Sarpanch, Gram Panchayat, Village - Padhoura, Tehsil - Raun, Dist. Bhind, MP – 477001 Prior Environment Clearance for Sand Mine in an area of 5.00 Ha. (1,25,000 cum per annum) (Khasra No. 22), Village - Padhoura, Tehsil - Gohad, Dist. Bhind (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 22), Village - Padhoura, Tehsil - Gohad, Dist. Bhind (MP) 5.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Officer letter No. 7145 dated: 24/01/19 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.

**5. Case No. - 6029/2019 Smt. Namrata D. Upadhyay, C/o Mahabir Oil Industries, 26, Small Factory Area, Bagadganj, Post & Dist. Nagpur, Mah - 440008 Prior Environment Clearance for Manganese Mine in an area of 2.410 ha. (3,543 tonne per annum) (Khasra No. 322/2), Village - Miragpur, Tehsil - Waraseoni, Dist. Balaghat (MP).**

This is case of Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 322/2), Village - Miragpur, Tehsil - Waraseoni, Dist. Balaghat (MP) 2.410 ha. The project requires prior EC before commencement of any activity at site.

During presentation it was observed that it's a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs and as per Annexure-D :-

1. Gram Sabah NOC (tharav-prastav) is to be submitted with EIA report.
2. Haul road shall be designed as per suitable gradient and details shall be provided in the EIA report.
3. Available flour area at pit bottom considering man and machines shall be discussed in the EIA reports.

**6. Case No. - 6047/2019 M/s Shree Traders, Shri Harsh Kediya, Chetna Nagar, Dist. Anuppur, MP - 484224 Prior Environment Clearance for Stone Quarry in an area of 2.698 ha. (20,000 cum per annum) (Khasra No. 187/7/GA, 128/4/Kha, 128/7/Kha, 128/10Ka), Village - Girari Khurd, Tehsil - Pushprajgarh, Dist. Anuppur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 187/7/GA, 128/4/Kha, 128/7/Kha, 128/10Ka), Village - Girari Khurd, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 2.698 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. 1255 dated: 13/2/19 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.329 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>                                  |
|---------------------------|------------------------------------------------------------------|---------------------------------------------------|
| Trees (3nos)              | Within lease                                                     | Commitment for no tree falling without permission |

The case was presented by the PP and their consultant. During presentation PP submitted that crusher will not be installed in this lease area. It was also observed from the Google image that the lease is located on the foothill and thus need proper protection from the runoff water during rainy season. After presentation the committee asked to submit following details:

- Precautionary measures against entry of rain water in the mine with proposal for the retaining wall / other suitable precautionary steps.
- Revised blasting details.
- Revised location of settling tanks as per the contour. The size of settling tanks shall be provided per the runoff volume.
- Revised EMP with budgetary proposal for retaining wall and VT training as proposed depth is > 6.00 meters.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.24 Lakh as capital and Rs 1.52 Lakh/year and under CSR Rs. 0.75 Lakh/years.

**7. Case No. – 6046/2019 Shri Pawan Agarwal, Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur, MP – 487661 Prior Environment Clearance for Sand Quarry in an area of 2.541 ha. (60,000 cum per annum) (Khasra No. 144/4, 144/3, 145, 146, 149, 150), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 144/4, 144/3, 145, 146, 149, 150), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 2.541 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. 808 dated: 13/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation from the Google image this lease seems to be a river bed sand mining but PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the filled due to erosion and recurrence of flood in Dudi River in the long course of time. Also in P-II Khasra map river area is not mentioned & the concerned collector's through Ekal Praman-Patr has also declared that such sand deposits are accumulated in the filled due to erosion and recurrence of flood in Dudi River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized.

Further it was also recorded that as in Khasra map only 03 khasra's i.e. 144/3, 144/4, 150/2 were shown and the area of these 03 khasra's are 2.541 ha which is the total lease area, but in mining Plan following khasra's are mentioned 144/4, 144/3, 145, 146, 149, 150, committee asked PP should clarify this. Also the co-ordinates motioned in surface plan are not matching with Khasra map. After presentation the committee asked to submit following details:

- Gram Sabah NOC i.e. ठहराव प्रस्ताव.
- Notarized Agreement letter from land owner.
- Revised co-ordinates of the lease as point-A is not matching with the Khasra shape.
- Revised plantation scheme with its budgetary provision.
- Revised transportation load as per the per day material evacuation load.

- Revised EMP with inclusion of budget for Over-head Sprinkling System (OHS), PPE, Fire-fighting equipments, MSW disposal, first-aid, occupational health survey, and Shelter home for labors, PPEs etc.
- Proposal for CER.

**8. Case No. – 6048/2019 Sarpanch, Gram Panchayat, Village - Bhursi, Tehsil - Gohparu, Dist. Shahdol, MP – 484774 Prior Environment Clearance for Sand Quarry in an area of 4.00 ha. (58,410 cum per annum) (Khasra No. 15), Village - Bhursi, Tehsil - Gohpari, Dist. Shahdol (MP).**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15), Village - Bhursi, Tehsil - Jaisinghnagar, Dist. Shahdol (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 Tehsildar Office letter No. 98 dated: 23/02/19 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>Remarks</b>                                     |
|---------------------------|------------------------------------------------------------------|------------------|----------------------------------------------------|
| Stop dam                  | >200                                                             | West             | Sufficient area is already left in production plan |
| Habitation                | 300                                                              | N-W              | Thick three rows plantation towards habitation.    |

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- Approach road will be developed and maintained WBM by PP suitable budget in EMP.
- Revised EMP cost as suggested during presentation.
- Revised proposed plantation species as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 11.04.2019, which was placed before the committee and the same found satisfactory. The EMP and

other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 58,410 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 14.25 Lakh as capital and Rs09.30 Lakh/year and under CSR Rs. 1.64 Lakh/years.

**9. Case No. – 6054/2019 Sarpanch, Gram Panchayat, Village - Bharuhi, Tehsil - Bhari, Dist. Sidhi, MP – 486661 Prior Environment Clearance for Sand Quarry in an area of 4.80 ha. (86,400 cum per annum) (Khasra No. 396), Village - Bharuhi, Tehsil - Sihawal, Dist. Sidhi (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 396), Village - Bharuhi, Tehsil - Sihawal, Dist. Sidhi (MP) 4.80 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. 1072 dated: 07/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was recorded from the certificate issued by forest department vide letter no 1317 dated 27/02/2019 that Son Ghariyal Wildlife Sanctuary is present at 6.55 Km from the lease area. However, is further clarified in the same certificate that the Son Ghariyal Wildlife Sanctuary is 5.35 Kms away from the notified ESZ. As per MoEFCC Notification dated 13 December 2016, Son Ghariyal Wildlife Sanctuary Eco Sensitive Zone has been notified as 01 km. After presentation the committee asked to submit following details:

- Approach road will be developed and maintained WBM by PP suitable budget in EMP.
- Revised EMP cost as suggested during presentation
- Revised proposed plantation species as suggested by the committee.
- Revised CSR by adding earthen water filter and awareness camp for traffic rules as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 11.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 86,400 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.25 Lakh as capital and Rs 5.33 Lakh/year and under CSR Rs. 1.64 Lakh/years.

**10. Case No. – 6049/2019 Shri Charka Col, Village - Jamodi, Tehsil - Banas, Dist. Sidhi, MP – 468446 Prior Environment Clearance for Sand Deposit 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.

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.

**11. Case No. - 6010/2019 Shri Majid Khan S/o Shri Mohamad Khan, Nehru Chouk, Waraseoni, Dist. Seoni, MP – 481331 Prior Environment Clearance for Metal Stone Quarry in an area of 1.210 ha. (4,050 cum per annum) (Khasra No. 363/1, 363/2, 370/1), Village - Sunjhiri, Tehsil - Keolari, Dist. Seoni (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 363/1, 363/2, 370/1), Village - Sunjhiri, Tehsil - Keolari, Dist. Seoni (MP) 1.210 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. 732 dated: 29/05/18 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.65 ha., including this 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.

**12. Case No. - 6011/2019 Shri Shivam Singh S/o Jitendra Singh, Village - Bhadrana, Tehsil - Banda, Dist. Sagar, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (4,458 cum per annum) (Khasra No. 697), Village - Bhadrana, Tehsil - Banda, Dist. Sagar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 697), Village - Bhadrana, Tehsil - Banda, Dist. Sagar (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. 1939 dated: 04/12/18 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>Remarks</b>                                                   |
|---------------------------|------------------------------------------------------------------|------------------|------------------------------------------------------------------|
| Pucca road                | 45                                                               | West             | Additional setback of 5 meters shall be left as non mining area. |

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



- Revised proposed plantation species as suggested by the committee.
- Revised EMP cost by adding cost of fencing wire.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 4,458 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.78 Lakh as capital and Rs 1.52 Lakh/year and under CSR Rs. 0.50Lakh/years.

**13. Case No. - 6012/2019 M/s Sourabh Construction, Shri Sourabh Peecha, Ward No. 14, Bus Stand, Tehsil - Katangi, Dist. Balaghat, MP – 481445 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (6055 cum per annum) (Khasra No. 177/25/1 Part), Village - Bhajiyapaar, Tehsil - Katangi, Dist. Balaghat (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 177/25/1 Part), Village - Bhajiyapaar, Tehsil - Katangi, Dist. Balaghat (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. 130 dated: 21/01/19 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 | Remarks                                           |
|--------------------|-----------------------------------------------------------|-----------|---------------------------------------------------|
| Some trees         | Within lease                                              | -         | Commitment for no tree falling without permission |
| Water body         | 40                                                        | N-E       | --                                                |

The case was presented by the PP and their consultant. During presentation PP was asked to submit lease agreement letter from the land owner. Further it was recorded as per Google image based on coordinates provided by PP that a water body exists at a distance of approx. 40 mts towards NE side of the lease, for that PP submits that it is not a notified water body and just an accumulation of water. Committee observed that even as per the old google image this water body is in existence since 2002 and as per the image of December, 2016, the water level is just 40 meters away. As per MMR, 1996, minimum 100 meters area is to be left from the water body and since the lease area is noly of 1.00 ha if 50-60 meters is deducted from the lease, no workable area will be available. Thus committee after deliberations decided that on above ground case can not be rcommended for grant of EC.

**14. Case No. – 6016/2019 Shri Narendra Singh Bagari, Village - Fuldari, Tehsil - Devendranagar, Dist. Panna, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 4.00 ha. (12,350 cum per annum) (Khasra No. 1676/1 Parts) ,Village - Jharkuwa, Tehsil - Amanganj, Dist. Panna (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1676/1 Parts) ,Village - Jharkuwa, Tehsil - Amanganj, Dist. Panna (MP) 4.0 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. 363 dated: 27/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

| <b>Sensitive Features</b> | <b>Approximate aerial distance from the lease area in meters</b> | <b>Direction</b> | <b>Remarks</b>                           |
|---------------------------|------------------------------------------------------------------|------------------|------------------------------------------|
| kaccha Road               | 25                                                               | South-East       | Three rows plantation towards road side. |

The case was presented by the PP and their consultant wherein it was observed that earlier EC was obtained from DEIAA and a crusher is also in existence in the lease area. Committee asked PP that if you have an EC from DEIAA why have applied again for EC. Thus after deliberations, committee asked PP to submit:

1. Copy of earlier EC issued from DEIAA.
2. Copy of consent for already installed crusher from PCB.

**15. Case No. – 6017/2019 Shri Jitendra Singh, Village - Shikarpura, Tehsil - Pawai, Dist. Panna, MP Prior Environment Clearance for Flag Stone Quarry in an area of 1.210 ha. (1,953 cum per annum) (Khasra No. 82 Parts), Village - Konda, Tehsil - Pawai, Dist. Panna (MP).**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 82 Parts), Village - Konda, Tehsil - Pawai, Dist. Panna (MP) 1.210 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. 324 dated: 27/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 2.81 ha., including this mine.

The case was presented by the PP and their consultant During presentation it was recorded from the DFO certificate vide letter no 1218 dated 05/03/2018 that forest area is about 160 mts distance from the lease for that PP has obtained permission from Divisional level committee vide letter no 642 dated 06/04/2018. The PP further stated that, no blasting is proposed. After presentation, committee asked PP to submit following information:

1. Revised EMP by adding cost of wire for fencing as suggested during presentation.
2. Revised water demand for plantation.
3. Revised CER adding water filter for schools.

PP vide letter dated 11/04/2019 has submitted the reply of above queries which was placed before committee. The query reply, EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for

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

1. Production of Flagstone as per mine plan with quantity not exceeding 1,953cum per annum.
2. A budgetary provision for Environmental Management Plan of Rs. 3.35 lakh as capital and Rs. 1.38 Lakh/year. Under CER Rs. 0.25 lakh/year is proposed for various activities.

**16. Case No. – 6018/2019 M/s Sambhavi Associates, Village & Tehsil - Pawai, Dist. Panna, MP Prior Environment Clearance for Metal Stone Quarry in an area of 3.004 ha. (13,038 cum per annum) (Khasra No. 445) ,Village - Jharkua, Tehsil - Amangunj, Dist. Panna (MP).**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 445) ,Village - Jharkua, Tehsil - Amangunj, Dist. Panna (MP) 3.004 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. 336 dated: 27/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

- Copy of all the mine plan maps. Surface map showing location of crusher and settling tanks.
- Revised proposed plantation scheme as suggested by the committee.
- Revised EMP cost by adding cost of fencing wire.
- Revised water demand for plantation.
- Revised CER adding water filter for schools.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP

were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 13,038 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.00 Lakh as capital and Rs 1.78 Lakh/year and under CSR Rs. 0.50 Lakh/years.

**17. Case No. – 6019/2019 Shri Kamlesh Katare, Village - Samnapur, Tehsil - Dindori, Dist. Dindori, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.30 ha. (30,735 cum per annum) (Khasra No. 314 Parts), Village - Jhankimal, Tehsil - Dindori, Dist. Dindori (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 314 Parts), Village - Jhankimal, Tehsil - Dindori, Dist. Dindori (MP) 1.30 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. 41 dated: 17/1/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.30 ha., including this mine.

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

| Sensitive Features | Approximate aerial distance from the lease area in meters | Direction | Remarks                                  |
|--------------------|-----------------------------------------------------------|-----------|------------------------------------------|
| Road               | 300                                                       | East      | Three rows plantation towards road side. |

After presentation the committee asked to submit following details:

- Copy of lease agreement.
- Revised water demand for plantation.

- Revised EMP cost by adding cost of fencing wire.
- Revised CSR by adding distribution of sports items in nearest school.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,735 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.03 Lakh as capital and Rs 1.78 Lakh/year and under CSR Rs. 0.70Lakh/years.

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

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

**(Shri Prashant Srivastava)**  
Member

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



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

**Annexure- 'C'**

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.

7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

25. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
26. Detailed analysis of availability and quality of the drinking water resources available in the block.
27. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
28. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.