

The 436<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 29<sup>th</sup> May, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

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 7072/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (5000 cum per annum) (Khasra No. 01), Village - Mathni, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Mathni, Tehsil - Sausar, Dist. Chhindwara (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. 2902 dated: 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. After presentation the committee asked to submit following details:

1. Proposal for development of grassland on river bank.
2. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
3. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
4. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**2. Case No 7073/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (40000 cum per annum) (Khasra No. 280), Village - Ambadi, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 280), Village - Ambadi, Tehsil - Sausar, Dist. Chhindwara (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, 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. 2903 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, PP further submitted that water stream will not be disturbed. After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**3. Case No 7074/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.50 ha. (23100 cum per annum) (Khasra No. 180), Village - Pareghat, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 180), Village - Pareghat, Tehsil - Sausar, Dist. Chhindwara (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2999 dated: 15/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that part of the lease area is submerged in water also a river is crossing the lease in the middle part of the lease. For which PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area. PP further submitted that water stream will not be disturbed. After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**4. Case No 7075/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.50 ha. (35000 cum per annum) (Khasra No. 92), Village - Mehndi, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 92), Village - Mehndi, Tehsil - Sausar, Dist. Chhindwara (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Collector Office letter no. 2906 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that a stream is crossing the lease for which PP submitted that they will not excavate sand from the submerged water bed and this area will remain as non – mining area. PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**5. Case No 7076/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.50 ha. (23100 cum per annum) (Khasra No. 180), Village - Pareghat, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 180), Village - Pareghat, Tehsil - Sausar, Dist. Chhindwara (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2898 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that southern part of the lease about 25 % is submerged into a water for which PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area . PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revisesd surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activites including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**6. Case No 7077/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (30000 cum per annum) (Khasra No. 261), Village - Pipla Kanhan, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 261), Village - Pipla Kanhan, Tehsil - Sausar, Dist. Chhindwara (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2908 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it

was observed that eastern part of the lease is submerged into a water for which PP submitted that they will not excavate sand from the submerged water bed and this area will remain as non – mining area. PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**7. Case No 7078/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (20000 cum per annum) (Khasra No. 330), Village - Hiwarakhandarewar, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 330), Village - Hiwarakhandarewar, Tehsil - Sausar, Dist. Chhindwara (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. 2901 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP. PP further submitted that water stream will not be disturbed. After presentation the committee asked to submit following details:

1. Proposal for development of grassland on river bank.

2. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
3. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
4. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**8. Case No 7079/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 4.350 ha. (43500 cum per annum) (Khasra No. 34), Village - Sangam, Tehsil - Sausar, Dist. Chhindwara (MP) [153735]**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 34), Village - Sangam, Tehsil - Sausar, Dist. Chhindwara (MP) 4.350 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. 2896 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that an intake well located on the northern side of the lease for which PP was asked to set back of 30 meters from the as non – mining area. After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving 30 meters setback from water intake well.
2. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
3. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.

4. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**9. Case No 7080/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.905 ha. (58575 cum per annum) (Khasra No. 172/1), Village - Bichua Baggu, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 172/1), Village - Bichua Baggu, Tehsil - Sausar, Dist. Chhindwara (MP) 3.905 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. 2894 dated: 15.05.2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that an intake well located on the northern side of the lease for which PP was asked to set back of 30 meters from the as non – mining area.

After presentation the committee asked to submit following details:

1. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
2. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
3. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.



**10. Case No 7081/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.50 ha. (35000 cum per annum) (Khasra No. 09), Village - Mehndi, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 09), Village - Mehndi, Tehsil - Sausar, Dist. Chhindwara (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2905 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that in the east part of the lease area is submerged into a water and this is about 50 % area is available for mining. PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area. PP further submitted that water stream will not be disturbed. After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving submerged area.
2. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
3. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
4. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**11. Case No 7083/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (30000 cum per annum) (Khasra No. 233), Village - Palaspani, Tehsil - Sausar, Dist. Chhindwara**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 233), Village - Palaspani, Tehsil - Sausar, Dist. Chhindwara (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2907 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that southern part of the lease area water is submerged into a water and about 1.84 ha. area is available for mining. PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area. PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving submerged area.
2. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
3. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
4. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**12. Case No 7087/2020 M/s. Vista Sales Pvt. Ltd, Authorised Person – Shri Mahesh Kumar Verma, Near Takshshila School, 98 Rachna Nagar, Paras Apartment, Huzur, Govindpura, Dist. Bhopal, M.P – 462023, Prior Environment Clearance for Sand Quarry in an area of 2.390 ha. (30000 cum per annum) (Khasra No. 498), Village - Baroda, Tehsil - Dhimar Kheda, Dist. Katni (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 498), Village - Baroda, Tehsil - Dhimar Kheda, Dist. Katni (MP) 2.390 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 (Ekal Praman-Patr) letter no. NIL dated: NIL 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. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that part of the lease area water is submerged into water. PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area. PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revised surface map showing non – mining area including leaving submerged area.
2. Revised production plan based on lease area submerged into water.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory, as per revised surface plan now, available area for mining is 15,690 sq.m., so as per average depth of the area 2.5 meters, the total available volume for mining of sand is 31,380 m<sup>3</sup>. Hence, the desired quantity of sand is easily obtainable. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs.08.75 Lakh as capital and Rs 03.52 Lakh/year and under CSR Rs. 2.60 Lakh/years has proposed.

**13. Case No 7088/2020 M/s Vista Sales Pvt. Ltd, Authorised Person – Shri Mahesh Kumar Verma, Near Takshshila School, 98 Rachna Nagar, Paras Apartment, Huzur, Govindpura, Dist. Bhopal, M.P – 462023 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (31360 cum per annum) (Khasra No. 343), Village - Barhati, Tehsil - Vijayraghavgarh, Dist. Katni (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 343), Village - Barhati, Tehsil - Vijayraghavgarh, Dist. Katni (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, 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 (Ekal Praman-Patr) letter no. NIL dated NIL has reported that there are no more mines operating or proposed within 500 meters around the said.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that complete lease area is submerged into water. PP submitted that water is drain out in some part and minable area for sand excavation is available. The committee after deliberation asked PP to submit a clarification to be taken from Mining Officer in this context that sand can be evacuated from the lease.

**14. Case No 7013/2020 Shri Piyush Jain Choudhary S/o Shri Pradeep Jain Choudhary, Village - Borjhiri, Tehsil - Javara, Dist. Ratlam, MP – 457118 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (20,000 cum per annum) (Khasra No. 76, 77, 78, 80, 84, 85), Village - Sindurkiya, Tehsil - Javara, Dist. Ratlam (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 76, 77, 78, 80, 84, 85), Village - Sindurkiya, Tehsil - Javara, Dist. Ratlam (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. NIL dated: NIL has reported that there 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, within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Human settlement	>50	North	50 meters set back along with Protection Plan, Controlled blasting with arrangements of sand bags and three rows of Plantation

			towards road side.
Pucca Road	>90	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- PP's commitment that 50 meters set back along with Protection Plan.
- Blasting details and no. of sand bags to be required and charge / hole etc.
- Details of Vehicular traffic density.
- Revised plantation scheme as suggested.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.38 Lakh as capital and Rs. 3.44 Lakh/year and under CER Rs. 03.00 Lakh has proposed for 05 years.

**15. Case No 7015/2020 Shri Praveen Kumar Singh S/o Shri Anjani Kumar Singh, Village - Daga, Post - Bargawan, Tehsil - Deosar, Dist. Singrauli, MP – 486886 Prior Environment Clearance for expansion of Stone Quarry in an area of 1.0 ha. (7000 cum per annum to 26,733 cum per annum ) (Khasra No. 2164 Part), Village - Daga, Tehsil - Deosar, Dist. Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2164 Part), Village - Daga, Tehsil - Deosar, Dist. Singrauli (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. 353 dated 04/2/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.0

ha., including this mine. This is a case of capacity expansion from 7,000 to 26,733 cum per annum. During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	200	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- MoEF&CC compliance rept to be submitted by PP.
- PP will submit pit bottem space as the lease is only of 1.0 ha., area and proposed epth is 30 meters.
- Revised EMP, add cost of soil to be imported.
- Incorporate Grassland development, traffic awareness/ training activites including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

**16. Case No 7016/2020 Shri Vikas Chaturvedi S/o Shri O.P.Chaturvedi, C-Block, 603-604, Raman Janki Apartment, Kolar Road, Nayapura, Dist. Bhopal, MP – 486881 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (20084 cum per annum) (Khasra No. 705 Part), Village - Pondi, Tehsil - Sarai, Dist. Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 705 Part), Village - Pondi, Tehsil - Sarai, Dist. Singrauli (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 371 dated: 6/2/2020 has reported that there are one more mines operating or proposed within 500 meters around the said mine with total area of 4.91 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the lease is already excavated and this pit has shown on the surface map and volume has also deduced in reserve calculation in the Mining Plan by PP. Within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	>70	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised orientation of mining on map.
- Revised EMP, add cost of soil to be brought from out side.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,084cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.696 Lakh as capital and Rs. 3.0875 Lakh/year and under CER Rs. 00.50 Lakh/ year has proposed.

**17. Case No 7039/2020 Shri Tahir Khan S/o Shri Abdul Subhan, Village - Sironj, Tehsil - Sironj, Dist. Vidisha, MP – 464228 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (4116 cum per annum) (Khasra No. 25/1/1), Village - Kasba Sironj, Tehsil - Sironj, Dist. Vidisha (MP)**

This is case of Metal Stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 25/1/1), Village - Kasba Sironj, Tehsil - Sironj, Dist. Vidisha (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. 142 dated 27/01/2020 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, it was observed that the lease is already excavated and this pit has shown on the surface map and volume has also deduced in reserve calculation in the Mining Plan by PP. Within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>200	South	Protection plan with commitment of controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised plantation scheme.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 4116 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.71 Lakh as capital and Rs. 3.53 Lakh/year and under CER Rs. 00.60 Lakh/ year has proposed.

**18. Case No 7040/2020 Shri Deepak Patidar S/o Shri Kishan Naraya Patidar, Village - Sironj, Tehsil - Sironj, Dist. Vidisha, MP – 464228 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (4116 cum per annum) (Khasra No. 425/2, 425/3), Village - Lidhoda, Tehsil - Sironj, Dist. Vidisha (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 425/2, 425/3), Village - Lidhoda, Tehsil - Sironj,



Dist. Vidisha (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. 530 dated: 17/3/2020 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, within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	60	South-East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised plantation scheme.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 41,16 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.23 Lakh as capital and Rs. 2.093 Lakh/year and under CER Rs. 00.60 Lakh/ year has proposed.

**19. Case No 7041/2020 Smt. Sheela Shivhare W/o Shri Ashok Kumar Shivhare, Village - Sironj, Tehsil - Sironj, Dist. Vidisha, MP – 464228 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (9996 cum per annum) (Khasra No. 70, 75), Village - Sarangpur, Tehsil - Sironj, Dist. Vidisha (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 70, 75), Village - Sarangpur, Tehsil - Sironj, Dist.

Vidisha (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. 405 dated 02/3/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.138 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the within lease crusher is installed, within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	50	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised plantation scheme.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9,996 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.07 Lakh as capital and Rs. 2.13 Lakh/year and under CER Rs. 00.70 Lakh/ year has proposed.

**20. Case No 7042/2020 Shri Mohit Meena S/o Shri Mohan Singh Meena, Haripura, Dist. Vidisha, MP – 464001 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (5096 cum per annum) (Khasra No. 143), Village - Jalhari, Tehsil - Vidisha, Dist. Vidisha (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 143), Village - Jalhari, Tehsil - Vidisha, Dist. Vidisha (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. 427 dated 4/3/2020 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, within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Trees	Periphery of the lease		Commitment that no tree falling is proposed.
Isolated houses	>150	South-West	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.
Kachcha Road	50	south	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

After presentation the committee asked to submit following details:

- PP's commitment that no tree falling is proposed existing periphery of the lease.
- Revised plantation scheme.
- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,096cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.06 Lakh as capital and Rs. 2.057 Lakh/year and under CER Rs. 00.65 Lakh/ year has proposed.

**21. Case No 7043/2020 M/s Patel Enterprises, Prop. Shri Amar Singh Kurmi, Village - Baretha, Tehsil - Kurwai, Dist. Vidisha, MP – 464240 Prior Environment Clearance for Metal Stone Quarry in an area of 1.3 ha. (11936.40 cum per annum) (Khasra No. 33, 34, 35), Village - Baretha, Tehsil - Kurwai, Dist. Vidisha (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 33, 34, 35), Village - Baretha, Tehsil - Kurwai, Dist. Vidisha (MP) 1.3 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. 436 dated 02/3/2020 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, it was observed that the entire lease area is excavated and submerged in the water within 500 meters following sensitive features were observed-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Natural Drain	>400	South-West	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- PP shall submit mine water discharge plan (dewatering plan).
- Revised surface map as lease's entire area is excavated.
- Soil to be brought from the out side lease hence, add soil cost in the EMP .
- Revised plantation scheme.

- Revised CER incorporate awareness/ training & activities including of distribution of masks, sanitizers in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 30.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 11,936.40 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.96 Lakh as capital and Rs. 3.26 Lakh/year and under CER Rs. 00.70 Lakh/ year has proposed.

**(Dr. Anil Sharma)**  
**Member**

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

**(Dr. Sonal Mehta)**  
**Member**

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

**(Dr. Jai Prakash 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/Murum 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 CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.

**Annexure- 'B'**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/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. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water

- intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4<sup>th</sup> or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
  9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
  10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
  11. No Mining shall be carried out during Monsoon season.
  12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 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.
  13. 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.
  14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
  15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
  16. 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.
  17. 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.
  18. 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.
  19. A separate bank account should be maintained for all the expenses made in the EMP and CER 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.
  20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
  21. 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.
  22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
  23. 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.
  24. 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.



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

**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 CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

**Annexure- 'D'**

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

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

- EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
  17. All the necessary NOC's duly verified by the competent authority should be annexed.
  18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
  19. The EIA report should clearly mention activity wise EMP and CER 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 CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
  20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
  21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
  22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
  23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
  24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
  25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.
  26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
  27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.

**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.**

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