

The 536th meeting of the State Expert Appraisal Committee (SEAC) was held on 17th December, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

1. Shri Raghvendra Shrivastava, Member.
2. Prof. (Dr.) Rubina Chaudhary, Member
3. Dr. A. K. Sharma, Member.
4. Prof. Anil Prakash, Member.
5. Dr. Jai Prakash Shukla, Member.
6. Dr. Ravi Bihari Srivastava, Member.
7. Shri A.A. Mishra, Member Secretary.

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

1. **Case No 7321/2020 M/s Jai Mahakal Associates, Prop. Shri Vijay Goswami, 25, Dhanah Colony, Maharani Laxmi Bai Ward, Dist. Seoni, MP - 480661 Prior Environment Clearance for Sand Quarry in an area of 21.00 ha. (99,900 Cum per annum) (Khasra No. 671, 01, 507), Village - Sakri, Khursipar, Ardiya, Tehsil - Kevlari, Dist. Seoni (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal.**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 671, 01, 507), Village - Sakri, Khursipar, Ardiya, Tehsil - Kevlari, Dist. Seoni (MP) 21.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 114 dated 22/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 447th SEAC dated 22/07/2020 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services , Bhopal and their representatives on behalf of PP ,wherein PP stated that this is a case of river sand mining on Hirri River which is a tributary of Wainganga River. PP submitted that quarrying will be carried out by manual method and will be transported to the dump (outside the lease area) by trolleys, and further stored sand at the dump will be transported by truck/dumper to the destination. The depth of the mining will not exceed 1 M. The following lease details were submitted by the PP:

- It is proposed to excavate the sand by Manual Method opencast method with pit pattern. It is proposed to start production from upper side of river where stream water is not found. The proposed height of working pit will be 1.0m.
 - Dry pit channel are proposed to be excavated within the active channel on dry intermittent or ephemeral stream beds.
 - No washing, crushing, screening, stockpiling, or plant operations will occur at or below the streams "average high water elevation" or the dominant discharge. These and similar activities have the potential to release fine sediments into the stream, which could be harmful to local fish.
 - No in stream mining shall be carried out during rainy season.
 - Sand and gravel shall not be extracted within 200 to 500 meter from any crucial hydraulic structure such as pumping station, water intakes, and bridges.
 - Sand and gravel will be extracted from the downstream of the sand bar at river bends. Retaining the upstream one to two thirds of the bar and riparian vegetation is accepted as a method to promote channel stability.
 - Mining should be restricted to 2 meter depth from upper surface but one meter above of water level whichever less and 2 meter or 10 percent of the river width whichever less, away from the banks is.
 - In the first year, a volume equal to the estimated annual replenishment could be extracted from the reach of channel. Replenishment (up to the elevation of the selected channel configuration) would need to occur before subsequent extraction could take place.
 - An extraction site can be determined after setting the deposition level at 1 m above natural channel elevation.
- **REPLENISHMENT STUDY**

Factor	Details
River	Hirri
Catchment area (A)	1064km ² or 411.01 mile ²

Gradient of the river	2.0m/km
Average annual runoff	50inch
Average annual rainfall	46.10inch

During presentation as per Google image it was observed that the southern side adjoining land is having vegetation cover and shall not be used for sand evacuation for its protection thus proposed sand evacuation route on Google map shall be approved by the competent district authority. It was also observed that the part of the lease is submerged in the water. After presentation and deliberation, PP was asked to submit following information:

1. Through Google image it was observed that the southern side adjoining land is having vegetation cover and shall not be used for sand evacuation for its protection thus proposed sand evacuation route on Google map shall be approved by the competent district authority.
2. Revised production plan leaving submerged area.
3. Revised Plantation scheme for river bank area (Agave, Bulbils, Munja, Khus Grass), evacuation route and in the village as suggested by committee.
4. Revised EMP incorporating expenditure to be incurred on plantation etc..
5. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER) PP shall also submit a proposal for wild life rescue centre.

2. Case No 7834/2020 M/s Jai Mahakal Associates, Prop. Shri Vijay Goswami, 25, Dhanah Colony, Maharani Laxmi Bai Ward, Dist. Seoni, MP – 480661 Prior Environment Clearance for Sand Quarry in an area of 6.40 ha. (60000 cum per annum) (Khasra No. 448), Village - Nasipur, Tehsil - Keolari, Dist. Seoni (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal.

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 448), Village - Nasipur, Tehsil - Keolari, Dist. Seoni (MP)

6.40 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 (Praman-Patr) letter no. 117 dated: 22/05/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 11.40 ha. including this mine.

Earlier this case was scheduled for presentation and discussion in 464th SEAC dated 03/10/2020 wherein ToR was recommended.

PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services , Bhopal and their representatives on behalf of PP ,wherein PP stated that this is a case of river sand mining on Dhanai River which is a tributary of Wainganga River. As the quarrying will be carried out by manual method and will be transported to the dump (outside the lease area) by trolleys, and further stored sand at the dump will be transported by truck/dumper to the destination. The depth of the mining will not exceed 1 M. The following lease details were submitted by the PP:

- It is proposed to excavate the sand by Manual Method opencast method with pit pattern. It is proposed to start production from upper side of river where stream water is not found. The proposed height of working pit will be 1.0m.
- Dry pit channel are proposed to be excavated within the active channel on dry intermittent or ephemeral stream beds.
- No washing, crushing, screening, stockpiling, or plant operations will occur at or below the streams "average high water elevation" or the dominant discharge. These and similar activities have the potential to release fine sediments into the stream, which could be harmful to local fish.
- No in stream mining shall be carried out during rainy season.
- Sand and gravel shall not be extracted within 200 to 500 meter from any crucial hydraulic structure such as pumping station, water intakes, and bridges.
- Sand and gravel will be extracted from the downstream of the sand bar at river bends. Retaining the upstream one to two thirds of the bar and riparian vegetation is accepted as a method to promote channel stability.
- Mining should be restricted to 2 meter depth from upper surface but one meter above of water level whichever less and 2 meter or 10 percent of the river width whichever less, away from the banks is.
- In the first year, a volume equal to the estimated annual replenishment could be extracted from the reach of channel. Replenishment (up to the elevation of the

selected channel configuration) would need to occur before subsequent extraction could take place.

- An extraction site can be determined after setting the deposition level at 1 m above natural channel elevation.

- **REPLENISHMENT STUDY**

Factor	Details
River	Dhanai
Catchment area (A)	116.60km ² or 45.02 mile ²
Gradient of the river	2.0m/km
Average annual runoff	50inch
Average annual rainfall	46.10inch

After presentation and deliberation, PP was asked to submit following information:

1. Revised Plantation scheme for river bank area (Agave, Bulbils, Munja, Khus Grass), evacuation route and in the village as suggested by committee.
2. Revised EMP incorporating expenditure to be incurred on plantation.
3. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER) PP shall also submit a proposal for wild life rescue centre.

PP vide their letter dated 17.12.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/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 Environment Clearance for Sand Quarry in an area of 6.40 ha. (60,000 cum per annum) (Khasra No. 448), Village - Nasipur, Tehsil - Keolari, Dist. Seoni (MP). subject to the following special conditions in addition to the standard conditions at annexure 'B':

(A) PRE-MINING PHASE

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
4. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
5. PP will also carry out fencing all around the lease area.
6. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
7. For dust suppression, regular sprinkling of water should be undertaken.
8. Transportation road shall be made pucca (tar road) and shall be constructed prior to operation of mine.
9. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

1. Mining shall be carried out as per approved mine plan.
1. No intermediate stacking is permitted at the mine site.
2. Overhead sprinklers shall be provided in mine.
3. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
4. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 10,000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
5. Transportation of sand shall be done in covered vehicles.
6. Transportation of sand shall not be carried out through forest area.
7. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.

8. Appropriate and submitted activities shall be taken up for social up-liftmen of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. The commitments made in the public hearing are to be fulfilled by the PP.
11. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
12. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

1. In the proposed EMP, capital cost is Rs. 31.31 Lakh is proposed and Rs.11.10 Lakh /year as recurring expenses.
2. Under CER activity, following activities are proposed based public hearing issues.

		<u>FOR SOCIAL WELFARE:</u>	<u>Amount to be spent</u>
Village-Nasipur	A.	Providing infrastructure & need based support in Govt. High school as under:	
		1. Furniture- 70 sets of tables and chairs @ 2500/Set	1.75
		2. Installation of One Hand pump with protection wall & recharge etc to as per their demand.	0.65
		3. Providing 10 Sets of Computer System (@25,000 Rps/System) & Two Printer (@5,000 Rps) for computer Lab.	2.60
	B.	. Providing financial support to Pench Tiger Reserve	1.50
		Total	6.50 lakh

3. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
4. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

3. Case No 7835/2020 M/s Jai Mahakal Associates, Prop. Shri Vijay Goswami, 25, Dhanah Colony, Maharani Laxmi Bai Ward, Dist. Seoni Prior Environment Clearance for Sand Quarry in an area of 10.00 ha. (49500 cum per annum) (Khasra No. 352, 1), Village - Jogi Wada, Gwari, Tehsil - Kurai, Dist. Seoni (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal.

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 352, 1), Village - Jogi Wada, Gwari, Tehsil - Kurai, Dist. Seoni (MP) 10.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patr) letter no. 115 dated: 22/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 464th SEAC dated 03/10/2020 wherein ToR was recommended.

PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services , Bhopal and their representatives on behalf of PP ,wherein PP stated that this is a case of river sand mining on Nevri River which is a tributary of Pench River. As the quarrying will be carried out by manual method and will be transported to the dump (outside the lease area) by trolleys, and further stored sand at the dump will be transported by truck/dumper to the destination. The depth of the mining will not exceed 1 M. The following lease details were submitted by the PP:

- It is proposed to excavate the sand by Manual Method opencast method with pit pattern. It is proposed to start production from upper side of river where stream water is not found. The proposed height of working pit will be 1.0m.
- Dry pit channel are proposed to be excavated within the active channel on dry intermittent or ephemeral stream beds.
- In the first year, a volume equal to the estimated annual replenishment could be extracted from the reach of channel. Replenishment (up to the elevation of the selected channel configuration) would need to occur before subsequent extraction could take place.
- An extraction site can be determined after setting the deposition level at 1 m above natural channel elevation,.
- No washing, crushing, screening, stockpiling, or plant operations will occur at or below the streams "average high water elevation" or the dominant discharge. These and similar activities have the potential to release fine sediments into the stream, which could be harmful to local fish.
- No in stream mining shall be carried out during rainy season.
- Sand and gravel shall not be extracted within 200 to 500 meter from any crucial hydraulic structure such as pumping station, water intakes, and bridges..
- Sand and gravel will be extracted from the downstream of the sand bar at river bends. Retaining the upstream one to two thirds of the bar and riparian vegetation is accepted as a method to promote channel stability.
- Mining should be restricted to 2 meter depth from upper surface but one meter above of water level whichever less and 2 meter or 10 percent of the river width whichever less, away from the banks is.

- **REPLENISHMENT STUDY**

Factor	Details
River	Nevri Nadi
Catchment area (A)	172km ² or 66.4 mile ²
Gradient of the river	2.0m/km
Average annual runoff	50inch
Average annual rainfall	46.10inch

During presentation as per Google image it was observed that a road bridge is existing in the downstream of this lease area at a distance of 350 m, hence, PP shall be left 150 m setback w.r.t Enforcement & Monitoring Guidelines for Sand Mining, 2020 PP submitted 150 m setback is provided in the EMP map. Further, in the west side of the lease a stream is joining the lease hence, 50 m setback shall be provided After presentation and deliberation, PP was asked to submit following information:

1. PP shall submit revise surface map showing 50 m setback in the west side of the lease w.r.t a stream is joining the lease also a road bridge is existing in the east side hence setback of 150 m shall be left as non- mining area.
2. Revised Plantation scheme for river bank area (Agave, Bulbils, Munja, Khus Grass), evacuation route and in the village as suggested by committee.
3. Revised EMP incorporating expenditure to be incurred on plantation etc..
4. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER), PP shall also submit a proposal for wild life rescue centre.

PP vide their letter dated 17.12.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/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 Environment Clearance for Sand Quarry in an area of 10.00 ha. (49,500 cum per annum) (Khasra No. 352, 1), Village - Jogi Wada, Gwari, Tehsil - Kurai, Dist. Seoni (MP). subject to the following special conditions in addition to the standard conditions at annexure 'B':

(A) PRE-MINING PHASE

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

4. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
5. PP will also carry out fencing all around the lease area.
6. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
7. For dust suppression, regular sprinkling of water should be undertaken.
8. Transportation road shall be made pucca (tar road) and shall be constructed prior to operation of mine.
9. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

1. Mining shall be carried out as per approved mine plan.
2. No intermediate stacking is permitted at the mine site.
3. Overhead sprinklers shall be provided in mine.
4. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
5. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 12,000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
6. Transportation of sand shall be done in covered vehicles.
7. Transportation of sand shall not be carried out through forest area.
8. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
9. Appropriate and submitted activities shall be taken up for social up-liftmen of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. The commitments made in the public hearing are to be fulfilled by the PP.
12. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

13. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

1. In the proposed EMP, capital cost is Rs. 34.21 Lakh is proposed and Rs.11.0 Lakh /year as recurring expenses.
2. Under CER activity, following activities are proposed based public hearing issues.

		FOR SOCIAL WELFARE:	Amount to be spent
Village-Jogiwada-Gwari	A.	Providing infrastructure & need based support in Govt. Middle school as under:	
		1. Installation of One Hand pump with protection wall & recharge etc to as per their demand.	0.65
		2. Furniture- 70 sets of tables and chairs @ 2500/Set	1.75
		3. Providing 10 Sets of Computer System (@25,000 Rps/System) & Two Printer (@5,000 Rps) for computer Lab.	2.60
	B.	Providing financial support to Pench Tiger Reserve	1.50
		Total	6.50 lakh

3. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.
4. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

4. **Case No 8850/2021 Smt. Mamta Jain, Lessee, Pradhanpura Mohalla, Tehsil & Dist. Tikamgarh, MP - 472005 Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (40000 Cum per annum) (Khasra No. 1855), Village - Astaun Khas, Tehsil - Tikamgarh, Dist. Tikamgarh (MP). Env. Consult.: M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1855), Village - Astaun Khas, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 1.80 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 2287 dated 01/10/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 9.00 ha. including this mine.

Being it's a case Stone Quarry with total area of 9.0 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:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then management plan should be clearly addressed in the EIA.
- Protection plan and appropriate setback w.r.t. settlement which is >250 meters in the East and kachha road :>60 meters in the north side and a canal : >270 meters in the west side of the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.

- Transportation plan & traffic management plan should be discussed in the EIA report.

5. Case No 8852/2021 M/s Shrikrishandas Tikaram, Partner and Owner, Naikin-1 Bauxite and Fire Clay Mine, Village - Naikin, Tehsil - Rampur Naikin, Dist. Sidhi (MP) Prior Environment Clearance for Bauxite and Fire Clay Quarry in an area of 1.04 ha. (14980 Cum per annum) (Khasra No. 1193, 1194, 1195), Village - Naikin, Tehsil - Rampur Naikin, Dist. Sidhi (MP) EIA Consultant: M/s. Creative Enviro Services , Bhopal.

This is case of Fire Clay Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1193, 1194, 1195), Village - Naikin, Tehsil - Rampur Naikin, Dist. Sidhi (MP). 1.04 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services , Bhopal and their representatives on behalf of PP ,wherein PP stated that this mining was commenced from the year 1977 @2930TPA and was operated till the year 2015. PP has applied for EC and this case was registered in the SEIAA as case no. 5533/2017 and for the same case TOR was issued for the production capacity of 5879TPA. PP submitted before 2015 no EC was required for major mineral of lease which were <5.0 ha.. Presently the mining activity is closed due to want of EC.

The Committee after presentation decided that being it's a case of major mineral committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs and as per conditions mentioned in Annexure-D:-

- Chronology/ past history of the mine lease area status in the EIA report.
- Justify in EIA why this cannot be considered for violation.
- Details of royalty paid so far.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- PP Commitment that no blasting is proposed.
- Protection plan w.r.t. kachha road passing within lease area, settlement which is 100 meters in the East and west side at 320 m also a kachha road in the north side.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to

the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

6. Case No 8631/2021 Shri Devendra Singh S/o Shri Jashwant Singh, Piploda Dwarkadhish, Dist. Ujjain, MP – 456664 Prior Environment Clearance for Stone Quarry in an area of 2.460 ha. (76000 cum per annum) (Khasra No. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1), Village - Madhopur, Tehsil - Ujjain, Dist. Ujjain (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Lucknow (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1), Village - Madhopur, Tehsil - Ujjain, Dist. Ujjain (MP) 2.460 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant Shri Amar Singh Yadav in the 513th SEAC meeting dated 08-09-21, wherein PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 652 dated 27/07/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.37 ha., including this mine. PP further stated that this is a case of stone mining, during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Pucca Road	80	East
Human settlement	300	SW

During presentation the on the Google images committee observed that the query lease is located in between agriculture fields where agricultural crops is being grown thus PP was asked to submit soil profile report of 02 different locations within lease at a depth of minimum 01 m with photographs with photographic evidences for further consideration of this case. PP was also asked to submit revised form-II making necessary corrections in point no. 14.6, 16.1, 17, 35(8), 35(9), 35(12), 35(15) etc.

PP vide letter dated 20.09.21 submitted that query reply through on-line portal and same was presented by the RQP wherein he submitted that they have revised Form-II and submitted Soil profile report and site photographs. As suggested during query reply presentation by committee, PP submitted commitment under CER activity that they will contribute Rs. 1.50 lakhs for the protection of plantation carried out by forest department on the hill of Hamukhedi village in district Ujjain through concerned DFO/Van Suraksha Samiti. 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 for expansion subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 76,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs 09.68 Lakh as capital and Rs. 04.92 Lakh/year as recurring has proposed by PP.
3. A minimum of total 1000 / year trees shall be planted in 3 years in the 7.5m safety zone of lease, along the approach Road and in nearby Village through Local DFO or Gram Panchayat.
4. Protection of plantation carried out by forest department on the hill of Hamukhedi village in district Ujjain through concerned DFO/Van Suraksha Samiti.

The case was discussed 691st SEIAA meeting 23/11/2021 it was recorded that. The case was recommended in 517th SEAC meeting dated 07/10/2021 and it was recorded that "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'

After detailed discussion and as per Google image based on coordinates it is observed by the authority that, the proposed mining site is adjacent to another mine site and it should be treated as a case of expansion, hence it is decided to sent back the case to SEAC for re-examination.

As per above decision you are requested to re-appraise and requested to take the considered view on it. The technical file is being sent to re-appraisal.

The case was presented by PP and their Consultant wherein PP submitted following reply in this context as:

Sr. No.	Queries Raised by SEIAA	PP's Reply
1	The Proposed mine site is adjacent to another mine site and it should be treated as a case of expansion	<p>This is a new lease sanctioned vide letter no. 283 dated 16.06.2021, bearing Khasra no. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1) of 2.890 ha. However, other mine which is in existence is of same PP and under operation since 2016. This mine is not going to expand its lease area or not going to increase the production. As per EIA notification 2006, "Expansion and modernization of existing projects or activities listed in the Schedule to this notification with addition of capacity beyond the limits specified for the concerned sector, that is, projects or activities which cross the threshold limits given in the Schedule, after expansion or modernization". Thus both mines are separate projects and in this condition the new mine should not be considered as a case of an expansion of old mine.</p> <p>LOI of Both Mines are attached as an annexure-1 and 2 respectively.</p>

It was observed that this is a new lease sanctioned vide letter no. 283 dated 16.06.2021, bearing Khasra no. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1) of 2.890 ha., other mine which is in existence is of same PP but operational since 2016. Since it is a fresh lease sanctioned in 2021 and the old operational mine was sanctioned in the year 2016. Hence it should not be treated as a case of

expansion and committee stand by earlier recommendation made in the 517th SEAC meeting dated 07/10/2021.

7. Case No 7522/2020 M/s J.P.Infracon, Partner, Shri Pushpendra Gupta, Nagar Nigam Complex, Hospital Road, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 7.110 ha. (3,16,951.60 cum per annum) (Khasra No. 1065, 1074, 1078, 1079, 1080, 1081, 1082, 1083, 1085, 1086, 1110, 1111, 1112, 1113/2, 1114) at Village- Dirman, Tehsil- Gohad, District- Bhind (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1065, 1074, 1078, 1079, 1080, 1081, 1082, 1083, 1085, 1086, 1110, 1111, 1112, 1113/2, 1114) at Village- Dirman, Tehsil- Gohad, District- Bhind (MP) 7.110 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for presentation and discussion in 457th SEAC dated 18/09/2020 wherein, 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. 18 dated: 04/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Accordingly in the 457th SEAC dated 18/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 26/7/21 which was forwarded through SEIAA vide letter no. 1766 dated 30/07/2021 and the same was scheduled in the agenda.

The EIA was presented by the consultant Shri Umesh Mishra M/s. Creative Enviro Services, Bhopal and Ms. Swati Namdeo, RQP in the 509th SEAC Meeting Date 24/8/21. During presentation it was observed by committee that in the EIA, PP has not addressed the sensitivity issues given as additional TOR points and even the modeling details are missing in the EIA. Committee further observed that there are several mistakes in the form-II submitted by PP and even complete minutes of public hearing are not uploaded. Since SEAC is reviewing cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee

asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. As per form-II point 7.1, In-complete public hearing minutes were uploaded by PP and thus members can't review the public hearing minutes.
2. As per form-II point 8.1, why project configuration/machinery details are not provided, Please justify.
3. As per form-II point 10, the project cost is mentioned as Rs. 1.0 Crore where as in the PFR it is 40.0 lakhs, Please justify.
4. As per form-II point 14.6, how the GW level of pre and post monsoon can be same as 30-35 mbgl, Please justify.
5. As per form-II point 15, source of water is ground water, permission from CGWB or copy of application made shall be submitted.
6. As per form-II point 17, the mine waste is 1126.00 MT/year while as per mining plan it is 7506 cum per annum, Please justify. Also add details of MSW generation and disposal plan.
7. As per form-II point 18.1, Justify GLC value of 0.06 for PM 2.5 and 0.09 for PM 10 for such a huge production volume. No modeling/data are given in the EIA thus please justifies the basis of these values.
8. As per form-II point 35 (03), Why Mining Officer Certificate is not uploaded.
9. As per form-II point 35 (11), GW intersection is proposed thus provide copy of CGWB permission and report of hydro-geological study.
10. All the specific TOR points shall be addressed with proposed mitigation/proper safety measures such as for canal and habitations in surrounding area.
11. Comprehensive noise mitigation plan.
12. Revised EMP as suggested by committee by adding budgetary allocations such as for fencing, grazing land, perpetual maintainence of plantation.
13. PP commitment that no crusher is proposed within lease area.
14. Under CER scheme with physical targets:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.

- ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

15. Under Plantation Scheme with budgetary allocations:

- ✓ Comprehensive green belt plan as suggested by committee with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Gwalior or any other competent agencies.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ Proposal for plantation in adjoining forest land through concerned DFO.

PP vide letter dated 30.09.21 submitted that query reply through on-line portal and same was presented by the Env. Conslt. & RQP behalf of PP. Wherein PP submitted, corrected copy of Form-II (attached) , Revised production plan, revised annual EMP budget incorporating change in plantation & adding the species of the plants as suggested during SEAC meeting has also been submitted PP's commitments regarding plantation shall be carried out preferably through Govt. agency , high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Gwalior or any other competent agencies , Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for

grassland/fodder development. Distribution of 1000 fruit bearing Sapling namely (Mango, Kathal, Jamun, Guava, Sitafal etc.) to the villagers of Village Dimran. During presentation committee suggested that the maximum transportation shall be done by the 40 T capacity trucks to reduce the number of trips. The above quarries was placed before the committee and 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 for expansion 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 3,16,951.60 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.18.55 Lakh as capital and Rs. 13.08 Lakh/year.
3. As proposed, a minimum of total 6000 trees shall be planted in 02 years in the 7.5m safety zone of lease, along the approach road and in nearby Village through Local DFO or Gram Panchayat.

The case was recommended in 619th SEIAA meeting dtd. 23/11/2021 and it was recorded that..

The case was recommended in 519th SEAC meeting dated 12/10/2021 and it was recorded.

“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'”

After detailed discussion it is observed by the authority that, the proposed mining is proposed capacity of 3,16,951.60 cum/year and may huge environment impact. Form environment point of view, it was decided to send this case back to SEAC for re-examination and give specific recommendations pertaining to mitigation measure to minimize this.

The case was schedule for presentation wherein Env. Consultant was presentenced the issue raised by SEIAA on behalf of PP , wherein committee deliberated that SEAC has already imposed various standard conditions under Annexure “A” for stone mining, but as per SEIAA direction this case was re-appraised w.r.t .proposed capacity of 3,16,951.60 cum/year and may huge environment impact. After discussion Committee asked PP to submit following detail:-

1. Revised plantation numbers, minimum should be 9000 trees and these shall be planted in 02 years in the 7.5m safety zone of lease, along the approach road and in nearby Village through Local DFO or Gram Panchayat.
2. Proposal of 02 overhead dust sprinklers shall be provided.
3. Revised EMP (add proposal of additional plantation and overhead sprinklers) details as suggested by the committee.

Vide letter dated 17.12.2021 PP has addressed above all queries points. Hence, the EMP and other submissions made by the PP were found satisfactory and acceptable. Committee observed that the case was recommended in 519th SEAC meeting dated 12/10/2021 wherein following additional conditions may be stipulated:

- Minimum of total 9000 trees shall be planted in 02 years in the 7.5m safety zone of lease, along the approach road and in nearby Village through Local DFO or Gram Panchayat.
- Evacuation shall be made by 40 ton capacity trucks to reduce number of trips.
- 02 Overhead dust sprinklers shall be provided at the exit of mine lease area for dust suppression.
- Evacuation road shall be made pucca by the PP.
- A budgetary provision for Environmental management Plan of Rs.31.78 Lakh as capital and Rs. 12.02 Lakh/year.
- Under CER following activities were submitted by PP:

	Proposed activity	Amount (Rs.)
Village-Dimran	Distribution of 1000 fruit bearing Sapling namely (Mango, Jamun, Guava, Sitafal etc.) to the villagers of Village Dimran @200 Rupees	2,00,000
	2. Providing 1 Solar system in Govt. Middle School situated at Village Dimran .	22,200
	3. Awareness camps for Oral Hygiene, Diabetes and Blood Pressure, cattle's health checkup in Village – Dimran -Twice in a year	8,000
	4. Providing 5 solar cookers to Labours who are residing in the nearby villages, which results no fuel wood will be used as a source of energy by mineworkers. @ 3500 Rps /unit. (No. of Beneficiaries -05)	17,500
	Total	2,47,700.00

8. Case No 8681/2021 Shri Venkateshwar Singh Raghuwanshi S/o Shri Suraj Prakash Raghuwanshi, Village - Parwariya, Tehsil - Lateria, Dist. Vidisha, MP - 464001 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (Expansion from 6840 to 36181 cum per annum) (Khasra No. 556/2), Village - Kachhi Kheda, Tehsil - Lateri, Dist. Vidisha (MP) (RQP Swati Namdeo)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 556/2), Village - Kachhi Kheda, Tehsil - Lateri, Dist. Vidisha (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo, on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 5267 dated 28/7/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	85	NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachcha Road	60	NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	460	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards this side.

PP Further submitted that submitted that this is a case of capacity expansion of stone from 6840 cum per annum to 36,181 cum per annum. For which EC was issued vide

letter no. 1425 dated 21.10.2021. PP has submitted MoEF&CC compliance report vide no. 1110 dated 19.08.2021 wherein no non-compliance report was found. PP also submitted copy of CTO for 6840 m³/annum. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. Revised plantation species as suggested by the committee.
2. Revised CER, as suggested by the committee.
3. Proposal for seed sowing of Neem, Safed Siris, Safed Kastar, Jatropa, Prosopis and Babool along the lease boundary.

PP has submitted the response of above quarries same date vide letter dated 13/10/2021, 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 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 36,181 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.14.22 Lakh as capital and Rs. 01.41 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

The case was discussed in 692nd SEIAA meeting dtd. 24/11/2021 and it was recorded that.

The case was recommended in 520th SEAC meeting dated 13/10/2021 and it was recorded that.

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 in addition to the standard conditions at Annexure 'A'

After detailed discussion, it was observed that some EC conditions have not been complied by PP as mentioned in the compliance report certified by RO, MoEF& CC and submitted by PP. Hence, the case is hereby sent to SEAC for re-appraisal.

The case was scheduled for presentation wherein Env. Consultant was presented the issue raised by SEIAA on behalf of PP and submitted reply vide letter dated 17/12/21.

During discussion committee deliberated that as per MoEF&CC compliance report issue vide letter 1110 dated 19.08.2021 no non compliance are reported by the competent authority and as per the summary of the report wherein authority stated that out of 34 conditions, 17 are complied, 06 are partially complied, 05 are agreed to comply 03 are deemed complied and 03 are compliance are not applicable. Committee also discusses that in case of any non compliance reported by the competent authority, an action plan is obtained from the PP or PP is asked to submit commitment for that. Thus, the committee recommends that since no Non Compliance was reported by MoEF&CC thus committee stands by its earlier recommendation made in 520th SEAC meeting dated 13-10-21.

9. Case No 8674/2021 Smt. Meenu Agrawal W/o Shri Harshawardhan Agrawal, Tilakpath, Tehsil - Shujalpur, Dist. Shajapur, MP - 465331 Prior Environment Clearance for Stone Quarry in an area of 1.611 ha. (6027 cum per annum) (Khasra No. 475/1/2, 475/1/1, 475/3/2, 474/1, 474/2), Village - Gaikhedi, Tehsil - Shujalpur, Dist. Shajapur (MP) (RQP Ram Vishal Shukla)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 475/1/2, 475/1/1, 475/3/2, 474/1, 474/2), Village - Gaikhedi, Tehsil - Shujalpur, Dist. Shajapur (MP) 1.611 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ram Vishal Shukla, on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1059 dated 18/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.611 ha., including this mine. As per Google image based on coordinates provided by PP it was observed that old crusher is existed within lease area. Around 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	Sparsely distributed	PP submitted that no tree felling is proposed and tree occupied area as non mining shown on surface map.
Road	180 & 340	South & East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	800	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

During presentation it was observed by the committee that some trees are in existence for which PP submitted that this area is already left as non mining area in revised map submitted in presentation. PP further submitted that there were some errors in the submitted form-II by them which they have corrected and updated form-II is attached with the presentation. After presentation committee asked PP to submit response on following issue:

1. Commitment that before the drawl of water permission from Gram Sabha/Panchayat will be obtained.
2. Proposal for sowing of Neem and babool seeds along the fencing.

PP has submitted the response of above quarries same date vide letter dated 13/10/2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6027 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.10.71 Lakh as capital and Rs. 03.17 Lakh/year.
3. As proposed, a minimum of 1950 trees shall be planted as per the submitted plantation scheme.

The case was discussed 692nd SEIAA meeting 24/11/2021 it was reported that.

The case was recommended in 520th SEAC meeting dated 13/10/2021 and it was recorded that:

The EMP and other submissions made by the PP was found to be satisfactory and acceptable, hence committed 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 be standard conditions at annexure 'A'

After detailed discussion, it was observed that as per Google Image a River is located at 50 m. and a kaccha road at 40 m. from mining site, hence it is decided that to send the case to SEAC for re-examination.

The case was schedule in this meeting for query presentation raised by SEIAA in the meeting 692nd SEIAA meeting 24/11/2021 during which PP submitted point wise reply in this context which as follows:

Sr. No.	Querry	Reply
1.	After detailed discussion, it was observed that as per Google image a River is located at 50m.	<ul style="list-style-type: none"> ✓ The copy of Toposheet (Key plan) was already attached within the mining plan in which lease area was marked. A nala (Jamdhar Nala) is nearby lease area. As per toposheet this was a nala not a river.(Annex.-1) ✓ The copy of Ekal certificate and Tehsildar report was already attached within file in which it's clearly mention that a nala is nearby the lease area not a river. (Annex.-2&3) ✓ As per Google image of pre –monsoon

		season nala is almost dry and the pit which exists adjoining to nala is filled with water. (Annex.-4)
2.	A kachha road at 40m from mining site	✓ 10m setback has been left as non mining zone. Revised production plan and Environmental Plan map is attached as annexure -5

The committee deliberated that the existing nallah is at a distance of 50 meters from the lease which in accordance with MMR, 1996 and similar facts were mentioned by the Tehsildar in his certificate dated 22/06/21 and also in lease sanctioning order dated 18/08/21. Committee further observed that PP has also proposed garland drains and settling tanks so that only settled water shall be discharged outside of lease. However, as per policy decision taken by SEIAA for minimum distance from kachha road PP has proposed to left 10 meters setback within the lease and submitted revised surface plan. In view of above committee stands by its earlier recommendation made in 520th SEAC meeting dated 13-10-21. However, PP shall leave additional setback of 10 meters within the lease towards kachha road.

10. Case No 8693/2021 Shri Trilok Singh, Maharana Pratap Nagar, Gole Ka Mandir, Gird, Dist. Gwalior, MP - 474005 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (10032 cum per annum) (Khasra No. 1005), Village - Sabalgarh, Tehsil - Sabalgarh, Dist. Morena (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1005), Village - Sabalgarh, Tehsil - Sabalgarh, Dist. Morena (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Amar Singh Yadav behalf of PP. During presentation, PP showed various documents such as lease sanction order, NOC issued by office of Collector as per GoMP notification dated 22/01/21, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 984 dated 06/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.50 ha., including this mine.

During presentation the Committee observed that as per Collector Officer (Ekal Praman-patra) letter No. 984 dated 18/8/21 there is 01 more mine within 500 meters for which PP submitted that the mine is of Murrum and is not homogeneous in nature and hence this case not be considered B1. PP further submitted that they have obtained revised certificate from competent authority issued vide letter no. 1245 dated 08/10/21 stating that Murrum and stone are non homogenous in nature. As per Google image based on coordinates provided by PP, it was observed that this was the lease is already mined out area filled with water. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	620	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in Form-II, such as:

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. Copy of letter no. 1245 dated 08/10/21.
3. Revised CER for training and plantation of Guggul in the ravines of Chambal and already dugged tranches shall be used for plantation.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. Committee suggested that proposed Guggal plantation in the ravines of Chambal shall be carryout through concern DFO or any other suitable agency. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 10,032 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.14.68 Lakh as capital and Rs. 06.31 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

SEIAA has sent back the file to SEAC for re-appraisal for following reasons.

- The proposed mining lease area is overlapping with another lease area.
- Letter to Collector (Mining Division), Morena for clarification regarding the status of other mines around the 500m periphery of the proposed mine

The case was schedule for presentation wherein Env. Consultant was presented the issue raised by SEIAA on behalf of PP. In this meeting PP has submitted following submission:

Sr. No.	Queries Raised by SEIAA	Reply			
1	The proposed mining lease area is overlapping with another lease area	No mines are overlapping with this lease area. MO letter is attached as an Annexure-1			
2	Letter to Collector (Mining Division), Morena for clarification regarding the status of other mines around the 500m periphery of the proposed mine	Status of other mines around the 500m periphery of the proposed mine			
		PP Name	Area & Khasra	Minerals	
		Shri Munesh Kushwaha	1.00ha. of Khasra no. 1005	Stone	Homogeneous
		Aslam Sher Kha	1.5 ha. Khasra no. 976	Murum	Non Homogeneous
		Ref. MO letter dated. 16.12.2021			

PP submitted that no mine is overlapping with this lease area and for this PP has submitted revise M.O. letter vide no. 1594 dated. 16.12.2021 wherein MO stated that no mine lease has found which is overlapped with other mine within 500 m. 01 lease of PP Shri Munesh Kushwaha, lease area of 1.0 ha., Khasra no. 1005 of stone and another mine lease of Shri Aslam Sher Khan, area-1.5 ha. Khasra no. 976 of Murrum and which are non – Homogeneous.

The committee deliberated on the issue and observed that SEIAA in their minutes has not clearly mentioned that the present case lease boundary is over lapping with which other lease and in such condition same cannot be verified. Committee request that complete details shall be provided for re-appraisal. However, the reply submitted by PP may be sent to SEIAA for further necessary action.

11. Case No 8692/2021 Shri Kok Singh S/o Shri Babu Lal Kushwaha, Shivilpura Gali Sabalgarh, Tehsil - Sabalgarh, Dist. Morena, MP - 476229 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8000 cum per annum) (Khasra No. 632), Village - Tindoli, Tehsil - Sabalgarh , Dist. Morena (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 632), Village - Tindoli, Tehsil - Sabalgarh , Dist. Morena (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Amar Singh Yadav behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 984 dated 06/8/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further submitted that that it's a case of Murrum thus no blasting is proposed. As per Google image based on coordinates provided by PP, it was observed that this was the lease is already mined out area filled with water. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees (5-8 nos.)	within lease	Sparsely distributed	Inventory & management plan of trees
Pucca Road	230	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	240	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. Copy of gram sabah/ gram Panchayat NOC.
3. Revised CER for training and plantation of Guggul in the ravines of Chambal region as suggested by the committee with physical and financial targets.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. Committee suggested that proposed Guggal plantation in the ravines of Chambal shall be carryout through concern DFO or any other suitable agency. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8,000 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs.8.49 Lakh as capital and Rs. 03.11 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme including guggal plantation in Chambal ravines as proposed in CER.

The case was discussed in 692st SEIAA meeting dtd. 24/11/2021 and it was recorded that.

The case was recommended 519th SEAC meeting dated 12/09/2021 and it was recorded that...

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that 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

After detailed discussion, it was observed by the authority that the proposed site is overlapping with another site hence, committee decided to send the case to SEAC for re-appraisal. In addition, it is also decided to write a letter to Collector (Mining Division), Morena for clarification regarding the status of other mines around the 500m periphery of the proposed mine and write a letter to Directorate, Geology & Mining for clarification regarding approval of Mining Plan without signature in consent letter from the applicant.

SEIAA has sent back the file to SEAC for re-appraisal for following reasons.

- The proposed mining lease area is overlapping with another lease area.
- Letter to DGM for clarification regarding approval of mining plan without signature in consent letter from the applicant.
- Letter to Collector (Mining Division), Morena for clarification regarding the status of other mines around the 500m periphery of the proposed mine

The case was schedule for presentation wherein Env. Consultant was presented the issue raised by SEIAA on behalf of PP. In this meeting PP has submitted following submission:

Sr. No.	Queries Raised by SEIAA	Reply						
1	The proposed mining lease area is overlapping with another lease area	As per MO letter vide no. 1592 dated 16.12.2021, the proposed mine is overlapping with Dhara Singh Rawat. The coordinates of Kok singh is correct. MO has issued correct coordinates of Dhara Singh. (Annexure-1)						
2	Letter to DGM for clarification regarding approval of mining plan without signature in consent letter from the applicant.	Letter from DGM, Gwalior is attached as an Annexure-2						
3 *	Letter to Collector (Mining Division), Morena for clarification regarding the status of other mines around the 500m periphery of the proposed mine	<p>Status of other mines around the 500m periphery of the proposed mine</p> <table border="1"> <thead> <tr> <th>PP Name</th><th>Area & Khasra</th><th>Minerals</th></tr> </thead> <tbody> <tr> <td>Dhara singh Rawat</td><td>20. ha. Khasra no. 633</td><td>Stone</td></tr> </tbody> </table>	PP Name	Area & Khasra	Minerals	Dhara singh Rawat	20. ha. Khasra no. 633	Stone
PP Name	Area & Khasra	Minerals						
Dhara singh Rawat	20. ha. Khasra no. 633	Stone						

PP submitted that one mine coordinates are overlapping with this lease area and for this PP has submitted revised M.O. letter vide no. 1592 dated. 16.12.2021 wherein MO stated that 01 mine lease is only falling within 500 m which is overlapped with this mine belongs to Shri Dhara Singh Rawat and the lease coordinate belong to Shri Kok Singh lease area are correct.

The committee deliberated on the issue and observed that SEIAA in their minutes has not clearly mentioned that the present case lease boundary is over lapping with which other lease and in such condition same cannot be verified. Committee request that complete details shall be provided for re-appraisal. However, the reply submitted by PP may be sent to SEIAA for further necessary action.

12.Case No 8694/2021 Smt. Paras Daga W/o SHri Vijay Daga, H.No. 26, Marwadi Road, Infront of Bank of India, Dist. Bhopal, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (15000 cum per annum) (Khasra No. 239 Part), Village - Malikhedi, Tehsil - Huzur , Dist. Bhopal (MP) . Env. Consultant M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 239 Part),Village - Malikhedi, Tehsil - Huzur,

Dist. Bhopal (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. behalf of PP. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 2420 dated 06.08.21 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 29.80 ha., including this mine. During presentation as per Google image based on coordinates provided by PP, it was observed that old pit is existed, PP submitted that it was very old mine pit existed since year 2014, they have got the lease in such condition and pit have shown in the surface map.

It is a case of cluster of more than 5.0 ha. area therefore committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. A house is existed at a distance of 100 m hence, propose 100 m set back and submit revised production map with EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Top soil management plan should be addressed in EIA report.
4. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

The case was discussed in 691st SEIAA meeting dtd. 23/11/2021 and it was recorded that.

The case was recommended for ToR in 518th SEAC dated 08/10/2021.

After detailed discussed, it is observed by the authority that, the proposed mining site is located in Village – Malikhedi, in view of the news published in Danik Bhaskar News Paper dated 25/11/2021 and 26/11/2021 regarding illegal mining operations in the

Village – Malikhedi, Hence, Considering the sensitivity of the area, it is decided to send the case back to SEAC for re-examination to get specific recommendations pertaining to this case.

The case was discussed in this meeting wherein committee after deliberation decided that cases in SEAC are appraised on the basis environmental sensitivity around the lease area and if any such sensitivity is observed additional TOR point is prescribed for discussion in EIA report. In this case the sensitivity was also considered and necessary additional TOR points was recommended by the committee and some Standard TOR points are mentioned in the Annexed “D”.

Regarding illegal mining operations in the Village – Malikhedi decision shall be taken by SEIAA in consultation with the district authority to prohibit all the mining activities in the area.

13. Case No 8691/2021 M/s Shiv Grit Udyog, Shri Kushalpal Singh, R.G. No. 80, 82, Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (50000 cum per annum) (Khasra No. 2330, 2332), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP). Env. Consultant M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2330, 2332), Village - Prakash Bamhori, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. behalf of PP. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 2658 dated 11.8.2021 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 09.202 ha., including this mine. As per Google image based on coordinates provided by PP, it was observed by committee that this lease is located on the hillock where elevation difference about 15 m from the nearby surface. Moreover, this lease is showing in 02 parts, justify why it is so, also a small part of the lease is falling on the road, thus no mining shall be carried out on this

part of the lease, PP may propose for this part of lease, as site office, shelter for worker etc. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	270	West	Protection plan and provision of Controlled blasting with arrangements of sand bags and three rows of Plantation towards this side.

It is a case of cluster of more than 5.0 ha. area therefore committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. The lease is in 02 parts and also smaller portion of the lease is falling on the road thus no mining shall be carried out on this part of the lease and PP may propose site office, rest shelter, Plantation etc., on this part of lease with details in EIA report.
2. Human settlement at a distance of 270 m west direction propose protection plan and provision of controlled blasting with arrangements of sand bags and three rows of plantation towards this side is to be discussed in the EIA report.
3. Evacuation route with considering safety of man and machine.
4. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
5. Top soil management plan should be addressed in EIA report.
6. Proposal for Chirol plantation in the barrier zone of the lease under plantation programme.
7. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

The case was discussed in 691st SEIAA meeting dtd. 23/11/2021 and it was recorded that.

The case was recommended for ToR in 518th SEAC dated 08/10/2021.

After detailed discussed, it is observed by the authority that, a road passing within the proposed mining lease area, thus leaving 50 m. from the kuchha road as a “no mining zone” and no mining shall be carried out on this part of the lease. Hence, it is decided to send the case back to the SEAC for re-examination and to see the feasibility of this case.

The case was discussed in this meeting wherein committee after deliberation decided in this case sensitivity was also considered and necessary TOR points was earlier recommended in additional TOR point no.1. Moreover, apart from standard TOR General conditions are also applicable for the granting of as Annexed “D”. The committee stands by its earlier recommendation made in SEA meeting no. 518th SEAC dated 08/10/2021. The case is return back to SEIAA for necessary action.

14. Case No. – 7661/2019 M/s Government Opium and Alkaloid Works, Ministry of Finance Department of Revenue, Shri Harinarayan Meena, General Manager, Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch, MP - 458441 Prior Environment Clearance for Expansion in Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP).

This is case Prior Environment Clearance for Expansion and Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP)

The case was scheduled in 460th meeting dated 24/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In the 463rd SEAC Meeting dated 01/10/2020 the PP and their consultant presented the EIA before the committee the salient features of this project are as:

During scrutiny of document it was observed by committee that there are several discrepancies in the report submitted by PP. Some of them are following:

- During presentation PP informed that public hearing was conducted 08.10.2019 but no details were given in the submitted EIA report.
- Justify- Capacity of existing DG set is 475.5 kVA in the MPPCB consent form where as in the EIA report PP mentioned existing DG set capacity of 435kVA.
- How high COD waste of > 30,000 will be treated. Being API, separation of high COD and low COD stream shall be treated separately to achieve zero liquid discharge.
- Details given in PFR and EIA shall be same wherein in the submitted EIA and PFR there is mismatch in details.
- Reason for high TDS and hardness are not justified in the EIA report.
- In the attached analysis reports the sample collection date is 09/05/2018 while the date of analysis is mentioned as 11/05/2019 please justify.
- The period of monitoring is mentioned as 1st March 2018 to 31st march 2018 why only one month monitoring was carried out, justify.
- Many enclosures attached with the EIA report are not legible and even attached photocopies are not as per their serial numbers.
- Study of fauna is not classified as per the schedule. Please justify if there is any schedule- I species found in the study area. If yes, their wild life management plan made in consultation with Chief Wildlife Warden.
- Details of any risk assessment study carried out.

After presentation PP/consultant was asked to submit revised EIA report incorporating all the above details/ document in legible form for further consideration of the project.

Earlier case was discussed in 463rd SEAC Meeting dated 01/10/2020 and the case was recommended for delisting. PP requested vide letter no. PM/R&D/MPPCB/2017 dated 03/11/2020 for relisting and SEIAA relisted the case and same was forwarded to SEIAA letter no. 5093 dated 07/12/2020.

The case was scheduled in 470th meeting dated 18/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

SEIAA vide letter 5053/SEIAA/2020 dated 07-12-2020 case relisted and send technical file to SEAC along with PP request letter dated 03.11.2020.

The case was presented by PP and their consultant wherein during appraising the query reply presentation PP was asked to submit following clarification for further consideration of the project:-

1. Revised list of proposed products for EC because out of 23 proposed products quantities for only 08 have been mentioned. Thus exact details with quantity shall be provided for which EC is sought.
2. Material balance and mass balance of the products used in the process.
3. PP Undertaking that no additional construction shall be taken up in the existing infrastructure.
4. Proposal for clean fuel based boiler of proposed 2.5 TPH capacities shall be submitted instead of traditional fuel based boiler.
5. The existing 01 boiler is proposed for dismantling thus details of C&D and its disposal plan shall be submitted..
6. Revised water balance chart, why there is no water consumption for existing green belt?
7. Man power requirement after expansion.
8. Revised details of BOD/COD as per compliance condition no.03.
9. Flow diagram of ETP process with numeric value.
10. Undertaking that solvent recovery shall be >95%.
11. Source of empty barrels and spent carbon.
12. Technical details of proposed Ozonator (1.4 kg/hr) at the inlet and PP's commitment for its installation.
13. Please refer EIA page 107 wherein the period of monitoring is mentioned as 1st March to 31st March-please justify.

The case was delisted in 676th SEIAA meeting dated 09/4/21 as per recommendation of SEAC. Now on request of PP the case was discussed in 683rd SEIAA meeting dated 27/8/21 and recorded that "Now through email dated 02/08/21. PP has submitted queries reply raised in 473rd SEAC meeting dated 07/1/2021 and requested to re-list the case accordingly. The matter was discussed and decided to re-list the case and send to SEAC along with technical file for further procedure.

The case was scheduled in 521th meeting dated 14/10/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 527th meeting dated 12/11/21 & 521th meeting dated 14/10/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
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/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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. 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.
24. 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.
25. 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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers 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 with GPS 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 1/4th 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. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. 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.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and

- fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Adequate provisions of water for irrigating plantation shall be made by PP.
 36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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. Arrangements for overhead sprinklers with solar pumps / water tankers 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.
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, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on

“Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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. 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. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, 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.
28. The project proponent shall provide the mitigation measures as per MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO

- concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
- ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

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.

35. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
36. Detailed analysis of availability and quality of the drinking water resources available in the block.
37. 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.
38. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.