

The 478th meeting of the State Expert Appraisal Committee (SEAC) was held on 01st February, 2021 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

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

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

1. **Case No 7385/2020 M/s Bamdev Global, authorized person Shri Upendra Gupta, E-91, Shree Nath Vihar, Chilla Road Banda (UP)-210001 Prior Environment Clearance for Sand Quarry in an area of 8.110 ha. (40000 cum per annum) (Khasra No. 209) at Village- Daryapur, Tehsil- Nepanagar, District- Burhanpur (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 209) at Village- Daryapur, Tehsil- Nepanagar, District- Burhanpur (MP) 8.110 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 159 dated 03/2/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 450th meeting dated 13/8/2020 and 449nd meeting dated 24/07/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be

returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was forwarded by SEIAA letter no. 5802 dated 22/01/2021 *“the case was discussed in 653rd SEIAA meeting dated 08/01/2021 and it has been recorded that “PP has submitted a request letter vide dated 24/12/2020 received in SEIAA Office 24/12/2020 to relist the case as PP is now ready to present their case in SEAC considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal”.*

The case was presented by the PP and their consultant, during presentation PP stated that this is a case of river sand mining on Tapti River as per Google image based on coordinates provided by PP, it was observed that the part of lease is submerged in the water for which PP shall submit revised surface plan showing submerged area as non-mining area. Being it's a case sand quarry with total area of > 5.00 ha, and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Pucca Road Bridge is located in the NE side consider this sensitive area as per Enforcement and Monitoring Guidelines for Sand Mining- 2020 by MoEF&CC.
- Sand evacuation route avoiding human settlement shall be discussed in the EIA report.
- 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(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.

- Revised plan leaving if there is any submerged within lease area and submerged area shall be left as non-mining zone. If any rivulet is joining the lease safety zone 50-50 meters both side shall be left as non mining area.
2. **Case No 7364/2020 M/s Bamdev Global, Authorized Person, Shri Upendra Gupta, E-91, Shree Nath Vihar, Chilla Road, Dist. Banda, UP - 210001 Prior Environment Clearance for Sand Quarry in an area of 6.00 ha. (30,000 cum per annum) (Khasra No. 122, 318, 01, 52 Parts) at Village- Gavhana, Tehsil- Burhanpur, District- Burhanpur (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 122, 318, 01, 52 Parts) at Village- Gavhana, Tehsil- Burhanpur, District- Burhanpur (MP) 6.00 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. 159 dated 03/2/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled again for presentation in 450th meeting dated 13/8/2020 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 447th meeting dated 22/07/2020.. 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.

The case was scheduled 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. Earlier PP was also absent in 450th meeting dated 13/8/2020 and 447th meeting dated 22/07/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was forwarded by SEIAA letter no. 5806 dated 22/01/2021 the case was discussed in 653rd SEIAA meeting dated 08/01/2021 and it has been recorded that “PP has submitted a request letter vide dated 24/12/2020 received in SEIAA Office 24/12/2020 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relsit the case and sends the technical file to SEAC for appraisal”.

The case was presented by the PP and their consultant, during presentation PP stated that this is a case of river sand mining on Tapti River as per Google image based on coordinates provided by PP, it was observed that the part of lease is submerged in the water for which PP shall submit revised surface plan showing submerged area as non-mining area. Being it's a case sand quarry with total area of > 5.00 ha, and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Pucca Road Bridge is located in the NE side consider this sensitive area as per Enforcement and Monitoring Guidelines for Sand Mining- 2020 by MoEF&CC.
- Sand evacuation route avoiding human settlement shall be discussed in the EIA report.
- 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(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- Revised plan leaving if there is any submerged within lease area and submerged area shall be left as non-mining zone. If any rivulet is joining the lease safety zone 50-50 meters both side shall be left as non mining area.

3. Case No 7366/2020 M/s Bamdev Global, Authorized Person, Shri Upendra Gupta, E-91, Shree Nath Vihar, Chilla Road, Dist. Banda, UP - 210001, Prior Environment Clearance for Sand Quarry in an area of 5.00 ha. (25,000 cum per annum) (Khasra No. 51, 96) at Village- Rehata, Tehsil- Burhanpur, District- Burhanpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 51, 96) at Village- Rehata, Tehsil- Burhanpur, District- Burhanpur (MP) 5.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 159 dated 03/2/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled again for presentation in 450th meeting dated 13/8/2020 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 447th meeting dated 22/07/2020.. 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.

The case was scheduled 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. Earlier PP was also absent in 450th meeting dated 13/8/2020 and 447th meeting dated 22/07/2020. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was forwarded by SEIAA letter no. 5806 dated 22/01/2021. *the case was discussed in 653rd SEIAA meeting dated 08/01/2021 and it has been recorded that "PP has submitted a request letter vide dated 24/12/2020 received in SEIAA Office 24/12/2020 to relist the case as PP is now ready to present their case in SEAC considering the request of PP, it was decided to relsit the case and send the technical file to SEAC for appraisal".*

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. After presentation the committee asked to submit following details:

- Revised plantation @1500/ha. as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 25,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 14.96 Lakh as capital and Rs 02.81 Lakh/year as recurring are proposed by PP.

4. Case No 7319/2020 Smt. Reetu Khanna W/o Shri Sanjay Khanna, R/o 1319, Sector - 37, Dist. Noida, UP Prior Environment Clearance for approval of Stone Quarry in an area of 1.838 ha. (160000 cum per annum) (Khasra No. 1881) at Village- Mudahara, Tehsil- Gaurihar, District- Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1881) at Village- Mudahara, Tehsil- Gaurihar, District- Chhatarpur (MP) 1.838 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. 1083 dated 14/2/2019 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 9.375 ha.,

Earlier this case was scheduled for presentation and discussion in 449th SEAC meeting dated 24/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 15/01/2021 which was forwarded through SEIAA vide letter no. 5830 dated 23/01/2021, which was placed before the committee.

The EIA was presented by the PP and their consultant wherein during presentation PP submitted that the proposed project is for stone mining over an area of 1.838 ha at 1881(Part) near Village- Mudahara, Tehsil- Gaurihar, District-Chhatarpur (MP). The life of mine is remain for 02 years only.

- Mining will be done by opencast semi-mechanized method with drilling and controlled blasting in hard rock sections using sand bags.
- The Top soil (0.30m) will be removed by using either Pick axes (Kudali), Spade & square mouth shovels, or Scrapper, and will be stacked for the subsequent plantation during the mining plan period.
- During the first 5 years, The mining will reach up to 156mRL, i.e., 18 m below the lowest ground level within the lease area during plan period. At the end of plan period, area of the pit will be 1.3362 Ha., and the pit level will be 18 mbgl.
- 5 m wide haulage roads will be maintained and developed at required places with gradient of Mine Site 1:32.
- At conceptual stage, the excavated area will be approx. 1.3362 Ha & and the ultimate pit level will be 18bgl which will be developed as water reservoir.

| | |
|------------------------------|---|
| Depth of blast holes drilled | 3 m - 4m depth 100 mm (Jack Hammer drills) |
| Diameter of blast holes | |
| Spacing | 2.50 m |
| Burden spacing | 2.50 m |
| Power factor (yield) | 5 tonnes/kg of explosive |
| Charge per hole | 200-250 grams cartridge of Ammonia nitrate along with detonator and detonating fuse |
| Yearly production | $160000 \times 2.54 = 406400$ TPA |
| 50% of excavation | 203200 TPA |
| Average daily excavation | $203200/300 = 677.33$ TPD |
| Quantities of explosive/day | $677.33/5 = 135.46$ kg/day (approx.) |

| | |
|---|--------------------|
| Frequency of blasting & Total no. of sand bags required for single row blasting | Twice in week & 24 |
|---|--------------------|

| ACTIVITY | DATE |
|---------------------------------|--|
| Lease sanctioned | On date 27-11-2017 vide letter no. 2857/khanij/2017 (for 10 years i.e. up to 26-11-2027) |
| Mining Plan approval | On date 23.06.2020 vide letter no. 1340/Khanij/N.K./775/2020 |
| TOR grant on | On date 11.08.2020 vide letter 410/PS-MS/MPPCB/SEAC/TOR/ (449)/2020 |
| Public hearing advertisement on | On date 09/11/2020 |
| Public hearing conducted on | On date 11/12/2020 |

PP further submitted that total 03 Numbers of Trees with Girth of 30-40cm (Babool) in the barrier zone & shrubs are present at mine site. No tree felling is proposed. 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 EC for approval of Stone Quarry in an area of 1.838 ha. (160000 cum per annum) (Khasra No. 1881) at Village- Mudahara, Tehsil- Gaurihar, District- Chhatarpur (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. 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.

3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five 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.
20. 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 3300 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.

24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be (661 x 1.5 x 2). The settling tank will be 01 in number of size 10m x 02 m x 02.
25. 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.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

| S. N | USE | PRESENT Area (Hectare) | AFTER FIRST 2 year Area (Hectare) | AT THE END OF MINE LEASE PERIOD Area (Hectare) |
|-------|----------------------------------|------------------------|-----------------------------------|--|
| 1. | PITS | 0.00 | 1.3362 | 0.00 |
| 2. | PLANTATION (within Barrier Zone) | 0.00 | 0.4818 | 0.5018 |
| 3. | RESERVOIR | 0.00 | 0.00 | 1.3362 |
| 4 | Shed & crusher | 0.00 | 0.02 | 0.00 |
| 5 | UNUSED | 1.838 | 0.00 | 0.00 |
| TOTAL | 1.838 | 1.838 | 1.838 | 1.838 |

28. Appropriate and submitted activities shall be taken up for social up-liftment 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

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

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 13.537 Lakh is proposed and Rs.12.767Lakh /year as recurring expenses.

34. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :

- Preparing drainage system (17 meters) in village Mudahara.
- Training for skill development women's i.e. stitching embroidery (18 Numbers) at village Mudahara .
- Health awareness camps (27 peoples) for local community in village Mudahara .
- Providing street light (02 number) in Village Mudahara.
- PP shall ensure to maintain village road (20m X3m).

35. 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.

36. 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.

5. Case No. – 6166/2019 M/s. Smit Sonu Dwivedi W/o Shree Ashok Dwivedi R/o Vill. Chulhi Tehsil – Rampur Baghelan District Satna Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (18,866 cum per annum) (Khasra No. 189/1/1/Ka), Village - Umari,, Tehsil - Kotar, Dist. Satna (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 189/1/1/Ka), Village - Umari,, Tehsil - Kotar, Dist. Satna (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

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

format duly verified in the Collector Office letter No. Nil dated: 25/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 370th SEAC meeting dated 20/05/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 19/01/2021 which was forwarded through SEIAA vide letter no. 5828 dated 23/01/2021, which was placed before the committee.

The EIA was presented by the PP and their consultant wherein during presentation PP submitted that the proposed project is for stone mining over an area of 4.0 ha at 189/1/1/Ka near Village- Umari, Tehsil- Kotar, District- Satna (MP). The lease is located on small hillock where elevation difference is about 46 meter from the surface level and drainage is flowing towards north side & south side from the lease PP submitted that mining will be carried out in such a way that the natural course of the drain shall not be disturbed and through channels to it will be open in the garland drain and then settling tanks.

Chronology of the project:-

| ACTIVITY | DATE |
|--|--|
| Lease sanctioned | On date 23/08/2018 vide letter no. 13624-28/khanij/U.P./N.Kr.16/2018 Bhopal (for 10 years i.e. up to 23-08-2028) |
| Mining Plan approval | On date 20.09.2018 vide letter no. 1510/mine plan/S.N/2018 |
| TOR grant on | On date 17/06/2019 vide letter 386/PS-MS/MPPCB/SEAC/TOR/370/2019 |
| Public hearing advertisement on | On date 08/11/2020 |
| Public hearing conducted on | On date 09.12.2020 |

After detailed discussion and deliberation committee asked the PP to submit the following information:

- Top Soil management plan.
- Revised water Management Plan.
- Revised EMP.

PP vide their letter dated 01/02/2021 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 EC for Stone Quarry in an area of 4.00 ha. (18,866 cum per annum) (Khasra No. 189/1/1/Ka), Village - Umari,, Tehsil - Kotar, Dist. Satna (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. 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.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.

12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five 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.
20. 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 7200 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be (661 x 1.5 x 2). The settling tank will be 01 in number of size 10m x 02 m x 02.
25. 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.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

| S. N | USE | PRESENT Area (Hectare) | AFTER FIRST 5 Area (Hectare) | AT THE END OF MINE LEASE PERIOD Area (Hectare) |
|------|-----|---------------------------|---------------------------------|--|
| | | | | |

| | | | | |
|--------------|---|------------|------------|------------|
| 1. | PITS | 0.00 | 3.29 | 0.00 |
| 2. | PLANTATION (within Barrier Zone) | 0.00 | 0.69 | 0.71 |
| 3. | RESERVOIR | 0.00 | 0.00 | 3.29 |
| 4 | SHED & CRUSHER | 0.00 | 0.02 | 0.00 |
| 5 | UNUSED | 4.00 | 0.00 | 0.00 |
| TOTAL | | 4.0 | 4.0 | 4.0 |

28. Appropriate and submitted activities shall be taken up for social up-liftment 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 14.76 Lakh is proposed and Rs.11.21Lakh /year as recurring expenses.
34. For this project PP has proposed following physical targets under as Corporate Environment Responsibility (CER) for remaining project period :
 - Contribution for construction of boundary wall of primary school at Tihai. (22m*2m*4 inch meter.).
 - Installation of water filters (02 Number) at Primary School Tihai.
 - Construct the Toilet (01 Numbers) of primary school Tihai.

- Installation of sitting benches for students (10 Numbers) at Primary School Tihai

35. 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.
36. 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.

6. Case No 8131/2021 Shri Vijay Kawadkar S/o Shri Sheshrao, Vikas Nagar, Athner, Dist. Betul, MP - 460110 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8408 cum per annum) (Khasra No. 1/2 Part), Village - Barkhed, Tehsil - Athner, Dist. Betul (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/2 Part), Village - Barkhed, Tehsil - Athner, Dist. Betul (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 80 dated: 11/01/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. After presentation the committee asked to submit following details:

- Revised Top Soil Management Plan.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 8408 cum/year.
 2. A budgetary provision for Environmental management Plan of Rs. 7.27 Lakh as capital and Rs 03.77 Lakh/year as recurring are proposed by PP.
7. **Case No 8123/2021 M/s Ambey Chemtech Pvt. Ltd, 74-75, Industrial Area, AKVN, Meghnagar, Dist. Jhabua, MP - 457779 Prior Environment Clearance for Manufacturing of Dyes and Dye Intermediates at Plot No. 74-75, Meghnagar Industrial Area, AKVN, Meghnagar, Dist. Jhabua (MP) , Cat. - 5(f)**

The proposed project falls under item no 5(f) . This is case of Prior Environment Clearance for Manufacturing of Dyes and Dye Intermediates at Plot No. 74-75, Meghnagar Industrial Area, AKVN, Meghnagar, Dist. Jhabua (MP). The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant, wherein PP reveals following:

- M/s. Ambey Chemtech Private Limited is company propose to Manufacture Dyes & Dyes Intermediates, to be used mainly in Direct dyes in the form of liquid as well as powder.
- The company had obtained CTE fresh for manufacturing of Di Calcium Phosphate and granted the same by Pollution Control Board with consent no. 23448 inward dated 18/12/2013, accordingly the company started construction of shed and also purchased some equipment. But due to financial constraints stopped the construction activities and everything was put on hold.
- Now, due to change in market scenario, the company propose to use the same available infrastructure, with addition of more equipment and machines.
- The total land area available is 4536 Sq. Mt.

PRODUCTS & PRODUCTION CAPACITY

| S. No. | Product list | Production Quantity(MT/Month) |
|--------|------------------------------|-------------------------------|
| 1 | Bronner's Acid | 10 MT |
| 2 | Aniline 2:4 Disulphonic Acid | 10 MT |
| 3 | Aniline 2:5 Disulphonic Acid | 10 MT |
| 4 | G-Salt | 20 MT |

| | | |
|--------------|------------------------------|---------------------|
| 5 | 4 sulpho Hydrozone | 15 MT |
| 6 | 5 sulpho Hydrozone | 10 MT |
| 7 | Sulpho OAVS | 10 MT |
| 8 | N-Methyl J-Acid | 12 MT |
| 9 | 4 Sulpho Anthanilic Acid | 20 MT |
| 10 | Dichlone | 10 MT |
| 11 | 4 Chloro phthalic acid | 20 MT |
| 12 | Nitro mass of PNCBOSA | 10 MT |
| 13 | 1-Phenyl 3-Methyl 5-pyrazone | 15 MT |
| 14 | 5- chloro 8 Hydroxyquinone | 05 MT |
| 15 | Meta nitro para toluene | 15 MT |
| 16 | Broadax GP Base | 10 MT |
| TOTAL | | 202 MT/Month |

Committee after deliberation decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D, along with site visit by the sub-committee may also be carried-out by SEAC for verification of actual site by the committee:

1. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
2. Details of solvents and their recovery plan should be discussed in the EIA report.
3. All MSDS should be provided with the EIA report.
4. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
5. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
6. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
7. PP should explore possibility of using Biofuel based technology in boilers.

8. Case No 8110/2021 M/s Anandeshwar Agro Foods Pvt. Ltd, Authorized Person, Shri Ravindra Singh Bundela, Tal Darwaza, Dist. Tikamgarh, MP – 471516 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (22000 cum per annum) (Khasra No. 656), Village - Ajitpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 656), Village - Ajitpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1824 dated: 15/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of lease is under submergence, for which PP shall submit revised plan by leaving this submerged area as non-mining zone. After presentation the committee asked to submit following details:

- Part of lease submerged in water thus revised production plan leaving non mining area.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 22,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 38.45 Lakh as capital and Rs 03.53 Lakh/year as recurring are proposed by PP.

9. Case No 8115/2021 M/s Siyaram Stone Crusher, Partner, Shri Pramod Sahu, Behind Lohe Ki Masjid, Bus Stand, Dist. Chhatarpur, MP - 471001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (5000 cum per annum) (Khasra No. 1603), Village - Sarani, Tehsil - Chhatarpur, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1603), Village - Sarani, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3883 dated: 30/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a pucca road is in exist ace at a distance of >200 meters and crusher is also installed. After presentation the committee asked to submit following details:

- NOC from MPPCB w.r.t. crusher which is installed within lease area .

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 5,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.71 Lakh as capital and Rs 3.23 Lakh/year as recurring are proposed by PP.

10. Case No 8116/2021 Shri Mahesh Sarode S/o Shri Chottelal Sarode, R/o Devri, Tehsil - Multai, Dist. Betul, MP - 460661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (10001 cum per annum) (Khasra No. 356), Village - Chandorakhurd, Tehsil - Multai, Dist. Betul (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 356 P), Village - Chandorakhurd, Tehsil - Multai, Dist. Betul (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1991 dated: 30/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone Quarry. A kachcha & a pucca road are in existing at a distance of 140 & 100 meter in the east & NW side of the lease. 04 tree is also existed within lease area, out of 04 trees 01 trees proposed for felling and remaining 03 trees are located in barrier zone and they will remain intact. After presentation the committee asked to submit following details:

- Land agreement document.
- Inventory of all existing tree and additional compensatory plantation.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 10,001 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.05 Lakh as capital and Rs 03.74 Lakh/year as recurring cost are proposed by PP.

11. Case No 8117/2021 Shri Murtza Ali, Katangi, Dist. Balaghat, MP - 484660 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (16000 cum per annum) (Khasra No. 254, 255, 256, 257, 258/1), Village - Kaydi, Tehsil - Waraseoni, Dist. Balaghat (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 254, 255, 256, 257, 258/1), Village - Kaydi, Tehsil - Waraseoni, Dist. Balaghat (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2953 dated: 08/10/2020 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 3.427 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone Quarry. In the DFO, letter vide no 1039 dated 08/02/2018 forest area is at a distance of approx. 15 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 07.03.2020. Also canal are passing in the North and NE side of the lease at a distance of 20 & 130 meter, hence 30 meter setback to be left from those canal which is located in the north side. Moreover, 15 trees are also existed within lease area, 05 trees proposed for felling and remaining 05 trees they will remain intact. SH is at existing at a distance of >200 SE & SW side and a railway line is >390 meter in the south side, and a settlement is existed at >350 meter in SW direction. After presentation the committee asked to submit following details:

- Revised production plan leaving non mining area from canal which is passing in the north side of the lease.
- Inventory of all existing tree and additional compensatory plantation.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 16,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.00 Lakh as capital and Rs 02.0 Lakh/year as recurring cost are proposed by PP.

12. Case No 8119/2021 Shri Umesh Prasad Rai S/o Maharaj Singh, Village - Pathoha, Tehsil - Rithi, Dist. Katni, MP – 483990 Prior Environment Clearance for Flag Stone Quarry in an area of 1.140 ha. (998 cum per annum) (Khasra No. 254/1, 1255), Village - Dang & Tighara Khurd, Tehsil - Riti, Dist. Katni (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 254/1, 1255), Village - Dang & Tighara Khurd, Tehsil - Riti, Dist. Katni (MP) 1.140 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. 2940 dated: 06/10/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. As per Google image based on coordinates provided by it was also observed that mine lease is in two parts, PP submitted that to make lease of 1.0 ha. Hence the lease was sanctioned in two parts as per MMR rules. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Flagstone Quarry as per mine plan with quantity not exceeding 998 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 4.29 Lakh as capital and Rs 01.70 Lakh/year as recurring are proposed by PP.

13. Case No 8120/2021 M/s R.K.Jain Infra Projects Pvt. Ltd, P.R.I. Alwar Road, Rajisthan Halmukam, Dist. Shivpuri, MP - 473551 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (196392 cum per annum) (Khasra No. 13/1/6), Village - Kandhai, Tehsil - Guna, Dist. Guna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 13/1/6), Village - Kandhai, Tehsil - Guna,

Dist. Guna (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 645 dated: 06/01/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant PP stated that this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast manual. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone Quarry as per mine plan with quantity not exceeding 1,96,392 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 19.19 Lakh as capital and Rs 02.85 Lakh/year as recurring are proposed by PP.

14. Case No 8121/2021 M/s Kailadevi Mining and Stone Crusher LLP, Partner, Shri Atul Kumar Managal, 1st Floor, Orion Tower, Plot No. 11, City Centre, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 3.890 ha. (199724 cum per annum) (Khasra No. 2433, 2452, 2453, 2454, 2455, 2456, 2460, 2461, 2462), Village - Pali Dirman, Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2433, 2452, 2453, 2454, 2455, 2456, 2460, 2461, 2462), Village - Pali Dirman, Tehsil - Gohad, Dist. Bhind (MP) 3.890 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. 1638 dated: 15/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. Also a crusher is also proposed within lease area. The EMP and other submissions made by the PP were found to be satisfactory and

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

1. Production of Stone Quarry as per mine plan with quantity not exceeding 1,99,724 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 27.06 Lakh as capital and Rs 03.335 Lakh/year as recurring are proposed by PP.

15. Case No 8126/2021 Shri Yagyadatta Sharma, Flat No. 106, Shri Apartment Archipuram, New Barapathar, Dist. Seoni, MP - 480661 Prior Environment Clearance for Stone Quarry in an area of 3.850 ha. (102178 cum per annum) (Khasra No. 128/2, 128/3, 129/2, 129/3), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 128/2, 128/3, 129/2, 129/3), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP) 3.850 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. 1039 dated: 24/11/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled 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.

16. Case No 8127/2021 Shri Bhupendra Chouhan, 99/3, Sagarvadi Lalabag, Tehsil & Dist. Burhanpur, MP - 450331 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (9896 cum per annum) (Khasra No. 666/1), Village - Khadkod, Tehsil - Burhanpur, Dist. Burhanpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 666/1), Village - Khadkod, Tehsil -

Burhanpur, Dist. Burhanpur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 354 dated: 09/11/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 5.0 ha. include this mine,

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that as per Google image based on coordinates provided by PP the entire lease area is surrounded by agriculture land. Moreover, PP stated that this is a private land. Committee after deliberation decided that mining on agricultural field shall not be encouraged and thus asked PP to submit soil testing analysis report particularly w.r.t. Nitrogen (N), Phosphorous (P) and Potassium (K) values from their field from any Government approved Soil Testing Laboratory for further consideration of the case.

17. Case No 8129/2021 Shri Ikhlaq Ahmad, R/o Ambedkar Ward, Padav Road, Behind Jain Temple, Ali Painter, Tehsil & Dist. Mandla, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (10294 cum per annum) (Khasra No. 281), Village - Barbaspur, Tehsil - Mandla, Dist. Mandla (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 281), Village - Barbaspur, Tehsil - Mandla, Dist. Mandla (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1544 dated: 31/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. Also a crusher is also proposed within lease area. After presentation the committee asked to submit following details:

- Copy of land agreement document.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 10,294 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.77 Lakh as capital and Rs 02.07 Lakh/year as recurring cost are proposed by PP.

18.Case No 8122/2021 Shri Manoj Patidar, Kukshi, Dist. Dhar Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (10000 cum per annum) (Khasra No. 44, 47/2, 48/2), Village - Sustipura, Tehsil - Kukshi, Dist. Dhar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 44, 47/2, 48/2), Village - Sustipura, Tehsil - Kukshi, Dist. Dhar (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2299 dated: 22/12/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 3.0 ha., include this mine.

The case was scheduled 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.

19.Case No 8111/2021 M/s Shree Baba Stone Crusher, Partner, Shri Manish Shrivastava & Shri Ambar Garg, Village & Tehsil - Sardarpur, Dist. Dhar, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (Stone - 16781 cum per annum, Murrum & Overburden - 5797 cum per annum) (Khasra No. 424), Village - Pasawada, Tehsil - Sardarpur, Dist. Dhar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 424), Village - Pasawada, Tehsil - Sardarpur,

Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2413 dated: 31/12/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.0 ha., including this mine.

The case was scheduled 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.

20. Case No 8124/2021 M/s Siddhidatri Minerals Pvt. Ltd, Director, Shri Pushpraj Singh Parihar, Shastri Nagar, Tehsil - Gopad Banas, Dist. Sidhi, MP - 486661 Prior Environment Clearance for Stone Quarry in an area of 2.950 ha. (90117 cum per annum) (Khasra No. 176, 178, 179, 262, 263, 264, 265, 268, 269, 293, 294, 302), Village - Amhawa, Tehsil - Gopad Banas, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176, 178, 179, 262, 263, 264, 265, 268, 269, 293, 294, 302), Village - Amhawa, Tehsil - Gopad Banas, Dist. Sidhi (MP) 2.950 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. 982 dated: 28/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.950 ha., including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed based on Google image that area on southern side is occupied by trees. PP submitted that at present about 30 existing tree has occupied this area, green belt will not be disturbed and all existing trees (30 trees) will remain intact and area will be left as non mining area. After presentation the committee asked to submit following details:

- Revised surface map showing area occupied by trees as non mining area.
- Commitment from PP that no tree felling is proposed.
- Ultimate pit bottem space after reduce area.

- Top soil Management Plan.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 90,117 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.19 Lakh as capital and Rs 03.69 Lakh/year as recurring cost are proposed by PP.

21. Case No 8125/2021 M/s Siddhidatri Minerals Pvt. Ltd, Director, Shri Pushpraj Singh Parihar, Shastri Nagar, Tehsil - Gopad Banas, Dist. Sidhi, MP - 486661 Prior Environment Clearance for Stone Quarry in an area of 2.850 ha. (75000 cum per annum) (Khasra No. 1426/2), Village - Mawai, Tehsil - Churhat, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1426/2), Village - Mawai, Tehsil - Churhat, Dist. Sidhi (MP) 2.850 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. 990 dated: 23/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.850 ha., including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the As per Google image based on coordinates provided by PP, it was observed by committee that river is at existed at a distance of 150 & 170 meter in the north and north –east directin . After presentation the committee asked to submit following details:

- Revised production map.
- Revised form -2
- Top soil management.

- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 75,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.49 Lakh as capital and Rs 03.78 Lakh/year as recurring cost are proposed by PP

22. Case No 8118/2021 Shri Rahul Singh Hajari S/o Shri Uday Singh Hajari, H.No. 14, Ward No. 36, Royal City Gate, Gandhi Nagar, Agyaram Colony, Dist. Vidisha, MP Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (14994 cum per annum) (Khasra No. 248/1), Village - Dehalwada, Tehsil - Gyaraspur, Dist. Vidisha (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 248/1), Village - Dehalwada, Tehsil - Gyaraspur, Dist. Vidisha (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 10 dated: 02/01/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a in the north-west corner of the lease has some trees within the lease PP submitted that these area shall be dealt as no- mining area. Pucca road is existed at a distance of >200 meter in the west side and a settlement at >400 meter at north side of the lease. After presentation the committee asked to submit following details:

- Commitment from PP that no tree felling is proposed.
- Revised surface map showing non- mining area.
- Top soil management plan in EMP.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 14,994 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.00 Lakh as capital and Rs 02.53 Lakh/year as recurring are proposed by PP.

23.Case No 8128/2021 Smt. Seema Raghuwanshi W/o Shri Shailendra Raghuwanshi, Harduamal, Tehsil - Chourai, Dist. Chhindwara, MP Prior Environment Clearance for Stone Quarry in an area of 1.983 ha. (8000 cum per annum) (Khasra No. 303/1), Village - Ramgadi, Tehsil - Chhindwara, Dist. Chhindwara (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 303/1), Village - Ramgadi, Tehsil - Chhindwara, Dist. Chhindwara (MP) 1.983 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. 4254 dated: 29/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the As per Google image based on coordinates provided by PP, it was observed by committee that in the west side of the lease operational plant is seen . PP submitted that this flyash plant for bricks manufacturing. PP further submitted that no blasting shall be carried out only rock breaker shall be used . After presentation the committee asked to submit following details:

- Clarification regarding plant in the western side of the lease.
- Undertaking from PP that no blasting shall be carried out only rock breaker shall be used.

PP has submitted the response of above quarries same date vide letter dated 01.02.2021, 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 prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 8,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 5.73 Lakh as capital and Rs 03.21 Lakh/year as recurring are proposed by PP.

24. Case No 6996/2020 Executive Engineer, Narmada Development Div. No. 28, Punasa, Dist. Khandwa, MP Prior Environment Clearance for ISP - Parwati Phase III & IV - Lift Micro Irrigation Project, Village - Dhamapuri, Tehsil - Ichhawar, Dist. Sehore, Pumping locations 2,3 and 4 district Dewas, pumping location 5 is in district Sehore; command area in district Sehore, Shajapur and Tehsil - Shujalpur, Dist. Shajapur (MP)

This is case of ISP - Parwati Phase III & IV - Lift Micro Irrigation Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village - Dhamapuri, Tehsil - Ichhawar, Dist. Sehore and Tehsil - Shujalpur, Dist. Shajapur (MP) Category: 1(c) River Valley Project. The project requires prior EC before commencement of any activity at site.

The Executive Summary of the project:

The main objective of ISP Parwati Phase III & IV MLIS is to provide irrigation facilities to the water-scarce areas in upper reaches of Chambal basin where the level of irrigation is much less as compared to that of national average. The project is planned to provide water to irrigate 1,00,000 ha of CCA in Sehore and Shajapur districts of Madhya Pradesh. The supply source i.e. Indira Sagar Project reservoir, lifting point, pump houses and rising main lie in Dewas district while the linking river Parwati & piped canal system (command area) lie in Sehore and Shajapur districts of Malwa region.

The project is important for the state as it is designed to benefit 207 villages of Sehore and Shajapur districts as per details given below.

| S. No. | District | Tehsil | Total Number of Villages |
|--------|----------|--------|--------------------------|
|--------|----------|--------|--------------------------|

| | | | |
|-------|----------|---------------------------|---------------|
| 1 | Sehore | Ashta, Shyampur&Sehore | 2, 4 & 96=102 |
| 2 | Shajapur | Kalapeepal&Shujalpur | 83 & 22=105 |
| TOTAL | | | 207 |

Execution of ISP Parwati Phase III & IV Micro Lift Irrigation Project of Madhya Pradesh comprising of-

1. Lifting of 32.04 cumec water from Indira Sagar Project reservoir to supply for irrigation in 1,00,000 Ha CCA and filling of existing tanks within command area.
2. Construction of Pumping Stations with Pumps including substation, transformer and all electrical works and Control Room with SCADA
3. Laying of Rising Mains / Gravity Mains including intermediary structures.
4. Erection of Electric Line of suitable voltage and power as may be required.
5. Construction of underground piped main canals/ major/minor distributaries and dis-net for Micro irrigation up to 2.5 ha., chak including in line structures & other miscellaneous works.
6. Total power requirement for the entire project shall not exceed 145.722MW.

Salient Features

| | | |
|------------------------------|---|--|
| Name of the Project | : | ISP Parwati Phase III & IV Micro Lift Irrigation Scheme |
| Type of Project | : | Irrigation Project |
| Project Location | | |
| i) Supply Source | : | Indira Sagar Reservoir |
| ii) Lifting Point | : | Indira Sagar Reservoir in district Dewas |
| iv) Command | : | In Sehore&Shajapur districts |
| River Basin | | |
| a) Name | | |
| i) Lifting | : | Narmada Basin Parwati&Newaj |
| ii) Command | : | Sub basin of Chambal Basin |
| b) Located in | : | Madhya Pradesh |
| Access to the Project | | |
| Nearest Airport | : | Devi Ahilya Airport, Indore (M.P.) |
| Nearest Rail Head (BG) | : | Harda; and is i) 120 km from Indira Sagar Project |

| | | |
|--|---|---|
| | | ii) 100 km from Lifting Point iii) 80 km from Junction Structure delivery point |
| Interstate aspects of the project | | |
| Catchment area of the basin | : | It is a lift scheme hence no independent catchment is being harnessed |
| Submergence due to project | : | No submergence due to project, as it is a lift irrigation scheme |
| Water allocation for the State | : | Quantum of water being lifted for this project is included in the water share of M.P. as per NWDT award |
| Water allocation for other state | : | Not applicable |
| Irrigation | | |
| Gross Command Area (GCA) | : | 1,72,000 ha |
| Culturable Command Area (CCA) | : | 1,00,000 ha |
| Crop | : | Rabi - 100% (1,00,000 ha) |
| Water Utilization | | |
| Discharge | : | 32.04 cumec |
| Estimated life of the project | : | 50 Years |
| Pump Head | : | Total head – 415 m |
| Distribution system | : | Piped distribution up to 2.5 Ha (HDPE/MS Pipe) |
| Power Requirement | : | 145.722 MW |
| Cost | : | Rs. 4131.66 Crore |
| B. C. Ratio | : | 1.70 |

Proximity to Protected Areas

Nearest Protected Area is Kheoni WLS. Eco-sensitivie Zone of Kheoni WLS has been notified on 11/05/2018. Distance of project location from Kheoni WLS and notified ESZ is about 5.5 Km.

Land requirement

The entire micro irrigation system has been aligned in such a way, that it passes through minimum forest area. However, for laying of Rising mains, Gravity mains and transmission line approximate 72.05 ha of forest land shall be required. Process of diversion of forest land shall be initiated soon. For construction of pumping stations

and Break Pressure tanks, Valves & Switch yards, private land of about 9.22 ha shall be required.

The case was presented by and their consultant through video conferencing for issuing of TOR to carryout EIA studies with site specific details. PP stated that those irrigation projects which are not involving submergence or inter-state domain shall be appraised at state level as Category “B” project and hence shall be appraised by SEIAA/SEAC Madhya Pradesh as per MoEF&CC notification No. SO 3067 (E) Part II section-3 (II) dated 01/12/2009. PP further said that the entire micro irrigation system has been aligned in such a way, that it passes through minimum forest area. However, for lying of Rising mains, Gravity mains and transmission line approximate 72.05 ha of forest land shall be required. Process of diversion of forest land shall be initiated soon. For construction of pumping stations and Break Pressure tanks, Valves & Switch yards, private land of about 9.22 ha shall be required. The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work. Wherever, the pipeline/ transmission line will be passing through private land, temporary land acquisition will be done as per the applicable law. The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work.

Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

- Since project involves approx 72.05 ha., forest area, F.C. clearance has to be obtained by PP and should indicate the status of FC clearance in EIA report.
- The total temporary and permanent land requirement is worked out as approx 4234 ha. & 09.20 ha respectively thus issues related to R&R and status of land acquisition shall be discussed in EIA report with proper provisions issued by various State /central Government orders/ notification.
- Dewas district is included of this scheme so activities of EMP & CER shall also be incorporated in this district too.
- Top soil and muck management plan shall be discussed in EIA report. PP shall also provide the pictorial photographs of similar activities conducted in other projects.
- Details of water losses from initial pumping stations to final distribution point shall be elaborated in the EIA report.
- Apprx. 30.85 ha land is proposed for electrical transmission line which is roughly 50% of the total land requirement which shall be clarified in the EIA report.

- Incorporate awareness/ training activities including of distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic in CER activities.

This case was placed before the committee as PP vide online application letter dated 21.012021 has requested for modification in issued TOR. SEIAA forwarded PP's online application vide their letter no. 5848 dated 25/01/2021. Wherein PP submitted that after detailed survey /DPR the proposed scheme was further revised so CCA area would be now 1,00,100 ha. and by this scheme benefit 221 villages of Sehore, Shajapur and Bhopal districts instead of 207 villages of Sehore, Shajapur districts as planned earlier.

Committee accepts the request made by PP and recommended to issue revised ToR with revised CCA and command area. Now revised details shall be read as 1,00,100 ha., and benefit 221 villages of District Sehore, (Tehsil Astha, Icchawar, Sehore & Shyampur) District Shajapur (Tehsil Kalapipal & Shujalpur) and District Bhopal (Tehsil Bhopal & Huzur). Remaining conditions for ToR shall remain same as recommended in 432nd SEAC meeting dated 18/05/2020.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.

13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
23. 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".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
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.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th 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. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
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".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
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.
28. 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.

Annexure- 'C'

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

- 1. Mining should be done only to the extent of reclaiming the agricultural land.
- 2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
- 3. The mining shall be carried out strictly as per the approved mining plan.
- 4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
- 5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
- 6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
- 7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
- 8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
- 9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into

account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.

10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
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. Mining Lease boundary shall be appropriately earmarked with fencing.
27. 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.

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 analysed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per 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" with EIA report.

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

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

