

The 537th meeting of the State Expert Appraisal Committee (SEAC) was held on 24th December, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. **Case No 8014/2020 M/s Badi Stonex, Partner, Shri Manish Kumar Mangal S/o Shri Jagdish Prasad Mangal, R/o, Chirpura Road, Biloua, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.10 ha. (26460 cum per annum) (Khasra No. 3894), Village - Biloua, Tehsil - Dabra, Dist. Gwalior, (MP). Env. onsultant Shri Amit Saxena from M/s. Apex Mintech, Udaipur (Rj.).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 3894), Village - Biloua, Tehsil - Dabra, Dist. Gwalior, (MP) 1.10 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 2293 dated: 02/9/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 7.099 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 472nd SEAC dated 06/01/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amit Saxena from M/s. Apex Mintech, Udaipur (Rj.). and their representatives on behalf of PP. PP stated that this project is meant for mining of Stone (Gitti). Stone is used for a wide variety of purposes. This mostly used as commonly crushed stone for use as an aggregate in construction projects. Crushed stone is used for road base, concrete aggregate, asphalt pavement aggregate, railroad ballast, filter stone in drain fields, and may other purposes. During presentation It was observed that as per Google image based on coordinates provided by PP, that 02 trees are existing within lease area, a natural drain in the south direction at a distance of 150m, a canal is also existed at distance of 500 m. PP submitted that our is a fresh lease and so far we have not carried out any mining activity.

PP submitted following salient features about the mine which are as given below:

- Initially the Letter of Intent has been issued under Rule 18(2) of Madhya Pradesh Minor Mineral Rules 1996 by the Directorate of Geology & Mining Department Bhopal (M.P.) for mineral Stone Gitti over an area of 1.10 Ha., situated near village Biloua, Tehsil Dabra, District Gwalior, Madhya Pradesh in favour of Shri Shivam Gupta S/o Shri Vinod kumar Gupta, R/o E-23, Harishshankarpuram, Gwalior, District-Gwalior (Madhya Pradesh) vide letter No. 15896-901/khanij/U.P./ Na.kre-16/2018, dated 09-10-2018.
- The area of our project is less than 5 Ha., but since there are another mines situated within 500 m radius of our lease periphery and the cumulative area of Cluster is 19.228 Ha, thus our project falls under B1 Category. A 500 meter certificate has been issued by Mining Officer, Gwalior vide its letter No. 34/12/Khanji/2019 dated 25.11.2019.
- Application for prior environment clearance for the above proposal mining project was submitted to the SEIAA, Bhopal (M.P.) on 17.12.2020 for determination to Terms of Reference (ToR) for the preparation of EIA/EMP Report.
- The field studies for environmental attributes have been carried out during January, 2021 to March, 2021 as per the guideline issued by the MoEF&CC, New Delhi.
- Public Hearing has been conducted on 15.07.2021 as per the provisions of EIA Notification, S.O. 1533 (E) dated 14th September 2006 and its subsequent amendment and Terms of Reference (TOR) prescribed by the SEAC, Bhopal.
- The mining lease does not fall under forest land, similarly, there are no National parks Sanctuaries, Biosphere reserves, etc within a distance of 10 km around the

lease area. A letter to this effect has been issued by the Forest Officer ,Gwalior (M.P.) vide Letter no. 4710 dated 12.10.2017.

- This project is meant for mining of Stone Gitti. Stone is used for a wide variety of purposes. The is mostly used as commonly crushed stone for use as an aggregate in construction projects. Crushed stone is used for road base, concrete aggregate, asphalt pavement aggregate, railroad ballast, filter stone in drain fields, and may other purposes. Stone (Gitti) is an important ingredient under construction work as its demand and uses are increasing rapidly in our country.
- Topographically the area is almost having level. The highest elevation of the area is 231 m AMSL & lowest elevation is 230 mAMSL and area is almost flattern. There are no prominent nalla in and around the lease hold. There are three existing roads within the cluster for transportation of mineral.
- The lease area is situated of the undulating land (Govt. waste land). The area 1st order nallas develop within lease hold and they flow toward NW and SE.
- Mining in the cluster will be done by semi-mechanized open cast method. Height & width of benches will be kept as 3.0 m. This proposed mine lease situated within Biloua Cluster. There are approximately 65 mines situated in this cluster. Most of them are operating and having a common lease boundary. There are some difficulties associated with the mining leases if statutory barrier is created. This difficulty arises since the area of adjoining mines is very less. If the lessee leaves the statutory boundary then a lot of mineral will be left in the barrier zone. This will lead to a situation of uneconomical mining at the ultimate level. It will also cause unsafe mining and will also oppose the law of mineral conservation. After taking due permissions from the Regional Office of DGMS, Gwalior for mining in barrier zone. Simultaneous working in the statutory boundary area will be done by taking consent from adjoining lease holder.
- In the life of quarry, mineral is 95% and 5 %. overburden will be generated during the course of mining, which will be used to maintain approach road. About 23,502 cu.m. of top soil (up to 0 m to 3 m) will be scrapped out before creation of new pits during the course of mining. Top soil will be stacked earmarked places and it will used for plantation purpose.
- There are two trees existing within lease area which will be uprooted during the course of mining, as a compensation another 20 plants (height of 4 to 5 feet) will be sowing in statutory barrier (green belt).
- Ground water level up to 170 mRL to 175 mRL i.e. 55 m to 60 m below the surface level, while mining operations are carried out up to 200 mRL i.e. 30 m depth. Hence mining operations doesn't intersect the ground water level.

PP further submitted that there are two trees existing within lease area which will be uprooted during the course of mining, as compensation another 20 plants (height of 4 to 5 feet) will be sowing in statutory barrier (green belt). After presentation and deliberation, PP was asked to submit following information:

1. Water table status of the area.
2. In form II , point no. 12 .
3. Revised plantation species as suggested by committee.
4. Revised CER as suggested by committee.

PP vide their letter dated 24.12.2021 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Stone Quarry in an area of 1.10 ha. (26,460 cum per annum) (Khasra No. 3894), Village - Biloua, Tehsil - Dabra, Dist. Gwalior, (MP), subject to the following special conditions in addition to the standard conditions at annexure 'A':

(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.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2.5 feet 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 1320 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 16178 M X 3M X 2M.
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. 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.
28. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

29. The commitments made in the public hearing are to be fulfilled by the PP.
30. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
31. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

32. In the proposed EMP, capital cost is Rs. 5.37Lakh is proposed and Rs.4.17 Lakh /year as recurring expenses.
33. Under CER activity, following activities are proposed based public hearing issues.

Year	Proposed activity	Annual Recurring Expenses in Rs.
1 st	Construction of boundary wall of schools at Village Jorasi	1,00,000
2 nd	a. Installation of School Gate at Village Jorasi. b. Installation of Drinking water facility at School of Village Jorasi	1,00,000
3 rd	a. Development of play ground of School at Jorasi Village	1,00,000
Total		3,00,000

34. PP shall explore the possibility of biological parameters for high TDS reduction.
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.

2. **Case No 8855/2021 M/s. Maa Narmada Aggregates Pvt. Ltd, UG 47, 18, South Tukoganj, Trade Centre, Dist. Indore, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (50,000 Cum per annum) (Khasra No. 2/2), Village - Rawad, Tehsil - Depalpur, Dist. Indore (MP). Env. consultant Shri Amit Saxena from M/s. Apex Mintech, Udaipur (Rj.).**

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

The case was presented by Env. Consultant Shri Amit Saxena from M/s. Apex Mintech, Udaipur (Rj.) and their representatives on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 2474 dated 22/11/2021 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 15.832 ha. including this mine. During presentation as per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	210	North	Protection plan with three rows of Plantation towards road side.
Pucca Road	560	North -east	Protection plan with three rows of Plantation towards road side.
Kachha Road	480	South	Protection plan with three rows of Plantation towards road side.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 15.832 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Protection plan w.r.t. pucca road which is 210 meters in the north and in the 560 m north east .
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

3. Case No 7365/2020 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 7.00 ha. (35,000 cum per annum) (Khasra No. 01) at Village- Nachankheda, Tehsil- Burhanpur, District- Burhanpur (MP). Env. Consultant- Shri Amar Singh Yadav, Aseries Envirotech India Pvt. Ltd., Lucknow (U.P.).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01) at Village- Nachankheda, Tehsil- Burhanpur, District- Burhanpur (MP) 7.00 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.

Earlier this case was scheduled for presentation and discussion in 480th SEAC dated 13/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Lucknow, U.P on behalf of PP. Committee observed that this is a case of a river sand mining. During presentation it was also observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information even PP has not uploaded complete EIA report some pages are missing in the submitted EIA report. PP regretted for this mistake and submitted that during uploading of documents, these pages have been skipped from uploading and showed the pages in the hard copy and also requests that he may be allowed to submit the entire report in hard copy. Committee takes this matter seriously and informed Env. Consultants to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report with properly matched with mentioned numbers and contents. Then after their case shall be appraised.

Following are the points where information found mismatched in the online submitted EIA report.

1. Under the Heading “Compliance of TOR” (Page v)

- S.No. 1. Figure-3-12 is not available on page no.-93
- S.No. 2. Village Nachankheda distance is wrong
- S.No. 3. Table No.10.1 is not available on Page No.137
- S.No. 17. Table 10.1 is not available in EIA report
- S.No. 26. The document is not available as Annexure-8.

2. Under the Heading “Standard TOR”

- S.No. 4. The information mentioned is not available on Page no-43
- S.No. 15. The information mentioned is not available on Page no. -79-82
- S.No. 16. The information mentioned is not available on Page no. 107
- S.No. 17. Application for authentication of Location map for the same within 10 km of mine lease is under process with Chief Wildlife Warden. Relevant proof is missing.
- S.No. 18. The information mentioned is not available on Page no. -79-82
- S.No. 23. The information mentioned is not available on Page no. 62 & 117
- S.No. 24. The information mentioned is not available on Page no. 34
- S.No. 28. The information mentioned is not available on Page no. -70-85

- S.No. 31. The information mentioned is not available on Page no. 188 – 189 (*The EIA report contains only page number upto 148*)
- S.No. 34. The information mentioned is not available on Page no. 41
- S.No. 35. The information mentioned is not available on Page no. 128 - 129
- S.No. 37. The information mentioned is not available on Page no. 92 - 110
- S.No. 38. The information mentioned is not available on Page no. 173 (*The EIA report contains only page number upto 148*)

3. Under the Heading “Documents to be submitted”

- S.No. 1. The document is not available as Annexure-14
- S.No. 6. The document is not available as Annexure-5
- S.No. 7. The document is not available as Annexure-10
- S.No. 8. The document is not available as Annexure-2
- S.No. 9. The document is not available as Annexure-3
- S.No. 11. The document is not available as Annexure-4

4. Under the Heading “OTHER POINTS TO BE ADDRESSED IN EIA/EMP REPORT”

- S.No. 10. The compliance status is unsatisfactory
- S.No. 11. The document is not available as Annexure-10
- S.No. 13. The document is not available in Section 2.11.

5. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.

6. A revised copy of the EIA should be submitted to all members either through MPPCB or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

4. Case No 7384/2020 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 13.600 ha. (40000 cum per annum) (Khasra No. 439) at Village- Fatepur, Tehsil- Burhanpur, District- Burhanpur (MP) Env. Consultant - Aseries Envirotek India Pvt. Ltd., Lucknow (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 439) at Village- Fatepur, Tehsil- Burhanpur, District- Burhanpur (MP) 13.600 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.

Earlier this case was scheduled for presentation and discussion in 480th SEAC dated 13/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Lucknow, U.P on behalf of PP. Committee observed that this is a case of a river sand mining. During presentation it was also observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information even PP has not uploaded complete EIA report some pages are missing in the submitted EIA report. PP regretted for this mistake and submitted that during uploading of documents, these pages have been skipped from uploading and showed the pages in the hard copy and also requests that he may be allowed to submit the entire report in hard copy. Committee takes this matter seriously and informed Env. Consultants to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report with properly matched with mentioned numbers and contents. Then after their case shall be appraised.

Following are the points where information found mismatched in the online submitted EIA report.

1. Under the Heading “Compliance of TOR” (Page v)

- S.No. 1. Required information is not available no.-90
- S.No. 3. Table No.10.1 is not available on Page No.135

2. Under the Heading “Standard TOR”

- S.No. 2. The document is not available as Annexure-1
- S.No. 12. The document is not available as Annexure-3
- S.No. 15. The information mentioned is not available on Page no. -72-77
- S.No. 16. The information mentioned is not available on Page no. 105

- S.No. 17. Application for authentication of Location map for the same within 10 km of mine lease is under process with Chief Wildlife Warden. Relevant proof is missing.
- S.No. 18. The information mentioned is not available on Page no. -72-77
- S.No. 23. The information mentioned is not available on Page no. 63 & 98 - 102
- S.No. 24. The information mentioned is not available on Page no. 37
- S.No. 28. The information mentioned is not available on Page no. -72-77
- S.No. 31. The information mentioned is not available on Page no. 124
- S.No. 34. The information mentioned is not available on Page no. 31
- S.No. 35. The information mentioned is not available on Page no. 139 - 140
- S.No. 37. The information mentioned is not available on Page no. 113 - 119
- S.No. 38. The information mentioned is not available on Page no. 187 (*The EIA report contains only page number upto 145*).
- S.No. 42. The information mentioned is not available on Page no. 155 - 156 (*The EIA report contains only page number upto 145*).
- S.No. 43. The information mentioned is not available on Page no. 159 - 162 (*The EIA report contains only page number upto 145*).
- S.No. 44. The information mentioned is not available on Page no. 122 - 123
- S.No. 45. The information mentioned is not available on Page no. 47 - 50
- S.No. 46. The information mentioned is not available on Page no. 122 – 123.

3.Under the Heading “Documents to be submitted”

- S.No. 1. The document is not available as Annexure-4
- S.No. 6. The document is not available as Annexure-11
- S.No. 8. The document is not available as Annexure-3
- S.No. 9. The document is not available as Annexure-10
- S.No. 10. The document is not available as Annexure-3
- S.No. 11. The document is not available as Annexure-8.

4.Under the Heading “OTHER POINTS TO BE ADDRESSED IN EIA/EMP REPORT”

- S.No. 2. The figure and table mentioned are not available in EIA report.
- S.No. 3. The information is not available in the Table 3.1.
- S.No. 5. The section 4.5.4 is not available in EIA report.
- S.No. 13. The document is not available in Section 2.11

5. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
6. A revised copy of the EIA should be submitted to all members either through MPPCB or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

5. 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) Env. Consultant Aseries Envirotek India Pvt. Ltd., Lucknow (U.P.)

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.

Earlier this case was scheduled for presentation and discussion in 478th SEAC dated 01/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Lucknow, U.P on behalf of PP. Committee observed that this is a case of a river sand mining. During presentation it was also observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information even PP has not uploaded complete EIA report some pages are missing in the submitted EIA report. PP regretted for this mistake and submitted that during uploading of documents, these pages have been skipped from uploading and showed the pages in the hard copy and also requests that he may be allowed to submit the entire report in hard copy. Committee takes this matter seriously and informed Env. Consultants to carefully upload EIA and avoid any such error in

document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report with properly matched with mentioned page numbers and contents. Then after their case shall be appraised.

Following are the points where information found mismatched in the online submitted EIA report.

1.Under the Heading “Compliance of TOR” “Specific Conditions”

- S.No. 2. Required information not available no.-85
- S.No. 4. Table No.10.1 is not available on Page No.134

2. Under the Heading “Standard TOR”

- S.No. 2. The document is not available as Annexure-1
- S.No. 4. The information mentioned is not available on Page no. -51
- S.No. 10. The information mentioned is not available on Page no. -41
- S.No. 15. The information mentioned is not available on Page no. -70-77
- S.No. 16. The information mentioned is not available on Page no. 104
- S.No. 17. Application for authentication of Location map for the same within 10 km of mine lease is under process with Chief Wildlife Warden. Relevant proof is missing.
- S.No. 22. The information mentioned is not available on Page no. -66.
- S.No. 23. The information mentioned is not available on Page no. 62 & 96 - 100
- S.No. 24. The information mentioned is not available on Page no. 37
- S.No. 31. The information mentioned is not available on Page no. 125
- S.No. 34. The information mentioned is not available on Page no. 44
- S.No. 35. The information mentioned is not available on Page no. 127
- S.No. 37. Section 3.15 is not available in the EIA report
- S.No. 38. The information mentioned is not available as mentioned
- S.No. 42. The information mentioned is not available in Section 7.5

3.Under the Heading “Documents to be submitted”

- S.No. 1. The document is not available as Annexure-14
- S.No. 6. The document is not available as Annexure-5
- S.No. 7. The document is not available as Annexure-10
- S.No. 9. The document is not available as Annexure-3
- S.No. 11. The document is not available as Annexure-4

4. Under the Heading “OTHER POINTS TO BE ADDRESSED IN EIA/EMP REPORT”

- S.No. 2. The figure and table mentioned are not available in EIA report.
- S.No. 3. The information is not available in the Table 3.1.
- S.No. 5. The section 4.5.4 is not available in EIA report.
- S.No. 11. The document is not available as Annexure-10
- S.No. 13. Section 2.11 is not available in the EIA report.

5. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
6. A revised copy of the EIA should be submitted to all members either through MPPCB or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

6. 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). Env. Consultant Aseries Envirotek India Pvt. Ltd., Lucknow (U.P.)

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.

Earlier this case was scheduled for presentation and discussion in 478th SEAC dated 01/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Lucknow, U.P on behalf of PP. Committee observed that this is a case of a river sand mining. During presentation it was also observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information even PP has not uploaded complete EIA report some pages are missing in the submitted EIA report. PP regretted for this mistake and submitted that during uploading of documents, these pages have been skipped from uploading and showed the pages in the hard copy and also requests that he may be allowed to submit the entire report in hard copy. Committee takes this matter seriously and informed Env. Consultants to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report with properly matched with mentioned numbers and contents. Then after their case shall be appraised. Following are the points where information found mismatched in the online submitted EIA report.

1.Under the Heading “Compliance of TOR” “Specific conditions”

- S.No. 2. Required information is not available no.-102
- S.No. 4. Table No.10.7 is not available on Page No.146

2.Under the Heading “General Conditions”

- S.No. 2. Required information is not available no.-86 - 90
- S.No. 17. Table No.10.7 is not available on Page No.145
- S.No. 26. The document is not available as Annexure-8
- Under the Heading “Standard TOR”
- S.No. 4. The information mentioned is not available on Page no. -52 - 54
- S.No. 12. The document is not available as Annexure-3
- S.No. 13. The document is not available as Annexure-3
- S.No. 14. The document is not available as Annexure-3
- S.No. 15. The information mentioned is not available on Page no. -85-90
- S.No. 16. The information mentioned is not available on Page no. 116
- S.No. 17. Application for authentication of Location map for the same within 10 km of mine lease is under process with Chief Wildlife Warden. Relevant proof is missing.
- S.No. 18. The information mentioned is not available on Page no. -85-90

- S.No. 23. The information mentioned is not available on Page no. 76 & 121 - 125
- S.No. 31. The information mentioned is not available on Page no. 179 – 180 (*The EIA report contains only page number upto 152*)
- S.No. 34. The information mentioned is not available on Page no. 48
- S.No. 35. The information mentioned is not available on Page no. 136 - 138
- S.No. 37. Section 3.15 is not available in the EIA report
- S.No. 38. The information mentioned is not available on Page no. 153 (*The EIA report contains only page number upto 152*).
- S.No. 42. The information mentioned is not available on Page no. 151 - 152
- S.No. 43. The information mentioned is not available on Page no. 154 - 157 (*The EIA report contains only page number upto 152*).
- S.No. 44. The information mentioned is not available on Page no. 119 - 120
- S.No. 45. The information mentioned is not available on Page no. 44 - 47
- S.No. 46. The information mentioned is not available on Page no. 119 - 120

3.Under the Heading “Documents to be submitted”

- S.No. 1. The document is not available as Annexure-4
- S.No. 6. The document is not available as Annexure-11
- S.No. 8. The document is not available as Annexure-3
- S.No. 9. The document is not available as Annexure-10
- S.No. 11. The document is not available as Annexure-8

4.Under the Heading “OTHER POINTS TO BE ADDRESSED IN EIA/EMP REPORT”

- S.No. 2. The figure and table mentioned are not available in EIA report.
- S.No. 3. The information is not available in the Table 3.1.
- S.No. 5. The section 4.5.4 is not available in EIA report.
- S.No. 13. Section 2.11 is not available in the EIA report

5. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
6. A revised copy of the EIA should be submitted to all members either through MPPCB or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

7. Case No 8854/2021 Shri Ankur Kumar Jain S/o Shri Suresh Kumar Jain, 474, Sadar Bazar, Savar, Dist. Ajmer, Raj. - 305407 Prior Environment Clearance for Flagstone Quarry in an area of 2.0 ha. (6480 Cum per annum) (Khasra No. 206), Village - Ajayabnagar (Sund), Tehsil - Raisen, Dist. Raisen (MP) RQP Swati Namdeo, Bhopal

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 206), Village - Ajayabnagar (Sund), Tehsil - Raisen, Dist. Raisen (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo, Bhopal on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1142 dated 02/12/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.214 ha. including this mine. PP submitted that since it is a Flagstone Quarry, no blasting and drilling is proposed. Mining shall be through Opencast Semi Mechanized Method. It was observed by the committee that the as per Google image based on coordinates provided by PP, as per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
05 Trees	Within lease	-	PP submitted that no tree uprooting will be carried out and area occupied by trees will be left as non mining area. PP further submitted that a commitment stating above is submitted with the presentation.
Kachcha Road	15	North –east	Set back of 35 meters from the kachha road with three rows of Plantation towards road side.
Some sheds	21	North -west	PP submitted that these are site office of other mine owners operating in the vicinity.

After presentation the committee asked to submit following details:

- Revise surface map showing appropriate set back wrt kachha road and habitation as per policy decision taken by SEIAA meeting 694th dated 26.11.2021 and issued vide no. 2590 dated 14.12.2021.
- Revised Plantation species as suggested by committee.
- Revised CER- as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 24.12.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone – 6480 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.08.67 Lakh as capital and Rs. 01.17 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

	CSR ACTIVITIES	AMOUNT
Village- Ajayabnagar (Sund)	Establishment of Library by providing followings items in Govt. Middle School: 1. 06 book almirahs @ 0.05 lakh/ almirah = 0.30 lakh 2. Encyclopedia, General knowledge ,Motivational books , Biographies Of Famous Personalities Of India, Science , Etc. will be provided . @ 0.20 lakh	(0.50 lakh)
	Total	0.50 lakh

8. Case No 8856/2021 Shri Ram Milan Sharma, R/o Gadar Banda, Tehsil - Banda, Dist. Sagar, MP - 470335 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (10070 Cum per annum) (Khasra No. 50, 51), Village - Bheda Khas, Tehsil - Banda, Dist. Sagar (MP) RQP Swati Namdeo, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 50, 51), Village - Bheda Khas, Tehsil - Banda, Dist. Sagar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo, Bhopal on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1719 dated 29/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. as per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	34 & 86	South- west	Set back of 16 meters from the natural drain with provision of Garland drain & settling tanks.
Pucca Road	375	NE	Three rows of Plantation.

After presentation the committee asked to submit following details:

- Revise surface map showing appropriate set back w.r.t. Natural Drain.
- Revised Plantation species as suggested by committee.
- Revised CER- as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 24.12.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 10,070 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.55 Lakh as capital and Rs. 01.22 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

	CSR ACTIVITIES	AMOUNT
Village- Bheda Khas	A) Establishment of Computer Lab in Govt. High School by providing followings items:	
	1) 4 Computer System @ 22,500 Rs/ system= 90,000 Rs.	90,000
	2) 2 Printers. @ 5,000 Rs/ Printer .	+ 10,000
	B) Providing school boards , Maintenance of Boundary wall and repairing of walls in Govt. High School	+ 50,000
	Total	1.50 lakh

9. Case No 8857/2021 Shri Ankesh Nagar S/o Shri Rodmal Nagar, AB Road, Tehsil - Pachore, Dist. Rajgarh, MP - 465683 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (6174 Cum per annum) (Khasra No. 298/1), Village - Banskhedha, Tehsil - Khujner, Dist. Rajgarh (MP) RQP Swati Namdeo, Bhopal (RQP Ram Vishal Shukla)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 298/1), Village - Banskhedha, Tehsil - Khujner, Dist. Rajgarh (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1477 dated 30/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file

uploaded by PP, it was observed that in two kachha road is passing /crossing from the lease from north side and terminating in the natural drain existing in the south side, PP submitted these kachha roads are actually “trail way”, while in the western side of the lease where prominent kachha road is passing this kachha road is using by villagers. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	Crossing the lease & 60	North - south & west	Set back of 50 meters both side of the road with protection plan .
Kachcha Road	60	west	Protection plan with three rows of Plantation towards road side.
Canal	95	South	Provision of Garland drain & settling tanks.
Natural drain	180 & 220	West & South	Provision of Garland drain & settling tanks.
Natural drain	>500	East	Provision of Garland drain & settling tanks.
Stop dam	415	West	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Patwari report/competent authority wrt kachha road/ trail way passing from the lease.
- Revised water requirement for plantation.
- Fencing details with length and budgetary provision in the EMP.
- Frequency of water sprinkling.
- Revised EMP as suggested by committee.
- PP's commitment that plantation, barrier zone and evacuation route and in the village shall be carried out within 01 year.
- Revised Plantation scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 24.012.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC

subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,174 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.16.27 Lakh as capital and Rs. 04.135 Lakh/year.
3. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

Activities	Cost (in Rs.)
Maintenance of one classroom(plaster of walls and doors), 5 plastic chairs and one water purifier in Government Secondary School of Banskhedha village	60,000
Total	0.60

10.Case No 8606/2021 M/s Garg Infrastructure Company, Shri Ram Dayal Garg, Proprietor, Sarawagi Mohalla, Ward No. 3, Dist. Sheopur, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (20,000 cum per annum) (Khasra No. 965), Village - Kyarpura, Tehsil - Sheopur, Dist. Sheopur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 965), Village - Kyarpura, Tehsil - Sheopur, Dist. Sheopur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant & RQP Shri Amit Saxena on behalf of PP in the 510th SEAC meeting dated 25/08/2021. During presentation, PP showed various documents such as lease sanction order, Gram Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 11249 dated 23/11/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remakes
Pucca road	Adjacent to the lease	South – West	50 meters set back shall be left.
Pucca road	05	North	50 meters set back shall be left.
Human settlement	430	NW	--

Committee further observed that there are several mistakes in the form-II submitted by PP. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. In point no. such as 07, 8.10, 13.1, 15, 16.1, 17, 22, 23.1, 32, 35(03, 10 & 15) etc details are wrongly mentioned, please revise.
2. Revised surface map showing 50 m set back from the pucca roads existed in the South – West & north side of the lease.
3. Under CER scheme with physical targets:
 - ✓ Activities such as solar panels & white wash in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages, shall be considered.
 - ✓ PP’s commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained by them.

4. Under Plantation Scheme with budgetary allocations:

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

PP vide their letter dated 08/09/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP has submitted revised details of form-II, revised surface map showing set back of 50 m in two direction as in the South – West and north side inside the lease w.r.t. to pucca road are existed, revised plantation scheme and CER as suggested by the committee. 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 as per approved mine plan with quantity not exceeding for Stone 20,000 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 21.35 Lakh as capital and Rs. 3.97 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 3000 trees shall be planted within 01 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. Set back of 50 m to be left in the two direction as in the South – West and north side inside the lease w.r.t. to pucca road are existed.

The case was discussed 690th SEIAA meeting 22/10/2021 it was recorded that “The case was recommended in 515th SEAC meeting dated 22/9/2021 and it was recorded that...

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of EC subject to the following special conditions in addition to the standard condition at Annexure ‘A’

After detailed discussion, as per the Google image 02 pucca road passing adjacent to the lease area hence, there will be no minable area left after leaving the setback of 100 m. in compliance of the distance criteria for permitting stone quarrying by CPCB and directions issued by Hon’ble NGT in OA No. 304/2019.

The case was schedule for presentation wherein Env. Consultant was presented the issue raised by SEIAA on behalf of PP. In this meeting PP has submitted revised surface map showing 100 m setback from SW & NE side of the lease where 02 roads are passing. PP submitted that the roads were made under PMGSY after leaving 100 m setbacks from both the side that available area is as given below:

Non-Mining Area	1.1790 Hectare
Mining Area	0.8210 Hectare
Total Area	2.00 Hectare

The Mining area contains a statutory boundary and thus only 0.5766 Hectare area is available for mining.

Mining Area	0.8210 Hectare
Statutory Boundary	0.2444 Hectare
Total Mineable Area	0.5766 Hectare

- Thus, Mining will only be done in an area of 0.5766 Hectare. The reserves for the same are estimated at 60,999 cum.
- A total of 5 benches will be made and thus only 15m depth will be attained below the surface level. The area of the pit bottom will be 13,033 square meter (0.13 Hectare).
- Production will be kept as 10,000 cum per year and thus the life of the mines will be 6 years. The production table is enclosed below along with the details of the bench.
- In the Non Mining Area which is 1.1790 Hectare, thick plantation will be carried out in 3 rows having 400 plants each. Apart from this, plantation of 1000 plants will be done on both sides of approach road outside lease boundary. Also, 1700 plants will be distributed in nearby villages.

Thus, committee after deliberation decided the case may be recommended with reduced production capacity as 10,000 cum due to revised area of mining and the life of the mines shall be 6 years. The EMP and other submissions made by the PP were found 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 quantity not exceeding 10,000 cum per year.
2. 100 meters from the pucca road as setback are to be left from the roads in the SW & NE side of the lease.
3. A budgetary provision for Environmental management Plan of Rs. 9.44 Lakh as capital and Rs. 1.53 Lakh/year as recurring has proposed by PP.
4. As proposed, a minimum of 3900 additional plantation nos. of trees shall be planted as per the submitted plantation scheme.
5. Under CER following activities were submitted by PP:

S. No.	Proposed activity	Amount (Rs.)
1	Development of Infrastructure of Village Kyarpura School	
	a. White wash in the school building.	50,000/-
	b. Installation of the solar panels at the School.	40,000/-
	c. Awareness camps for diseases like Oral Hygiene, Diabetes and Blood Pressure at the Kyarpura Village.	30,000/-
	Total	1,20,000/-

Discussion on Policy decision taken by SEIAA in their 694th meeting dated 26/11/21 and issued vide letter no. 2540 dated 15/12/21.

The Policy decisions of 694th meeting of SEIAA held on dated 26/11/21 were brought to the notice of Hon'ble committee members and discussed in length for taking cognizance during appraisal of cases received from SEIAA for EC/TOR.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc. shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. To know the soil quality, type and depth of the lease area the trial pit shall be dug out in the barrier zone.
37. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the

- flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
 34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Adequate provisions of water for irrigating plantation shall be made by PP.
 36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.

33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

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

20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per 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.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing

species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.

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

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

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