

The 509<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 24<sup>th</sup> August, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. 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 7522/2020 M/s J.P.Infracon, Partner, Shri Pushpendra Gupta, Nagar Nigam Complex, Hospital Road, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 7.110 ha. (3,16951.60 cum per annum) (Khasra No. 1065, 1074, 1078, 1079, 1080, 1081, 1082, 1083, 1085, 1086, 1110, 1111, 1112, 1113/2, 1114) at Village- Dirman, Tehsil- Gohad, District- Bhind (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal .**

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

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 18 dated: 04/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 457<sup>th</sup> SEAC dated 18/09/2020 wherein ToR was recommended.

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

The EIA was presented by the consultant Mr. Santosh, M/s. Creative Enviro Services, Bhopal and Ms. Swati Namdeo, RQP. During presentation it was observed by committee that in the EIA, PP has not addressed the sensitivity issues given as additional TOR points and even the modeling details are missing in the EIA. Committee further observed that there are several mistakes in the form-II submitted by PP and even complete minutes of public hearing are not uploaded. Since SEAC is reviewing cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. As per form-II point 7.1, In-complete public hearing minutes were uploaded by PP and thus members can't review the public hearing minutes.
2. As per form-II point 8.1, why project configuration/machinery details are not provided, Please justify.
3. As per form-II point 10, the project cost is mentioned as Rs. 1.0 Crore where as in the PFR it is 40.0 lakhs, Please justify.
4. As per form-II point 14.6, how the GW level of pre and post monsoon can be same as 30-35 mbgl, Please justify.
5. As per form-II point 15, source of water is ground water, permission from CGWB or copy of application made shall be submitted.
6. As per form-II point 17, the mine waste is 1126.00 MT/year while as per mining plan it is 7506 cum per annum, Please justify. Also add details of MSW generation and disposal plan.
7. As per form-II point 18.1, Justify GLC value of 0.06 for PM 2.5 and 0.09 for PM 10 for such a huge production volume. No modeling/data are given in the EIA thus please justifies the basis of these values.
8. As per form-II point 35 (03), Why Mining Officer Certificate is not uploaded.
9. As per form-II point 35 (11), GW intersection is proposed thus provide copy of CGWB permission and report of hydro-geological study.
10. All the specific TOR points shall be addressed with proposed mitigation/proper safety measures such as for canal and habitations in surrounding area.
11. Comprehensive noise mitigation plan.
12. Revised EMP as suggested by committee by adding budgetary allocations such as for fencing, grazing land, perpetual maintainence of plantation.

13. PP commitment that no crusher is proposed within lease area.
14. Under CER scheme with physical targets:
  - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
15. Under Plantation Scheme with budgetary allocations:
  - ✓ Comprehensive green belt plan as suggested by committee with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
  - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Gwalior or any other competent agencies.
  - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
  - ✓ Proposal for plantation in adjoining forest land through concerned DFO.

2. **Case No 7259/2020 M/s. Modiram Ramlal, Partner Shri Neeraj Gupta, R/o 22/5, Katghar, District Allahabad (UP Prior Environment Clearance for approval of Kotwa Khas Hadhai Hardauli Silica Sand Deposit in an area of 12.096 ha. (25,000 ton per annum) (Khasra No. 89,90,91,92,93,94,95,96,97,98,227,258 (Kotwa Khas), 1,2 (Hadahi), 1,2,3,4,5,6,425,435,436 (Hardauli)) at Village- Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil- Jawa, District- Rewa (MP). EIA Consultant: M/s. Creative Enviro Services , Bhopal .**

This is case of Silica Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 89,90,91,92,93,94,95,96,97,98,227,258 (Kotwa Khas), 1,2 (Hadahi), 1,2,3,4,5,6,425,435,436 (Hardauli)) at Village- Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil- Jawa, District- Rewa (MP) 12.096 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. 4704 dated: 27/9/2019 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 444<sup>th</sup> SEAC dated 03/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 26/7/21 which was forwarded through SEIAA vide letter no. 1568 dated 30/07/21 and the same was scheduled in the agenda.

The EIA was presented by the consultant Mr. Santosh, M/s. Creative Enviro Services, Bhopal and Ms. Swati Namdeo, RQP. During presentation, PP submitted that it's a Silica Sand mine with an area of 12.096 ha., PP submitted that as per additional TOR point given by SEAC committee they have considered submerged area as non mining area. PP further stated that the applied area has Silica Sand exposure on surface and depth wise open cast manual mining has been carried out during past mining. During the past mining about 210 sq. m. area has been excavated up to 03m bgl. From recovery point of view, average recovery of blocks in Silica sand formation is 70% of Silica Sand. Mineral is present 03m below the surface level, where it is not difficult to excavate the mineral from the surface. Hence adopting the opencast mining method is proposed for the excavation of silica sand. The mining shall be executed thorough manual operation Gaity, Fabda

used for mining operation. Loading will be done in dumper and tractor mounted trolley by deploying man power. No blasting or drilling is proposed for subject proposal.

During presentation it was observed by the committee that part of sanctioned lease is in the seasonal river on the northern side and part of lease is on the southern side comprising of private and government land and during presentation it was difficult to identify which part of the lease is Govt. and which part is private. If mining is permitted on an area away from the seasonal river, does sufficient area is available for mining considering the safety of river banks. During presentation it was also observed by committee that in the EIA, PP has not addressed the sensitivity issues given as additional TOR points and even the modeling details are missing in the EIA. Committee further observed that there are several mistakes in the form-II submitted by PP. Since SEAC is reviewing cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. As per form-II point 8.1, Is it proposal for sand or silica sand and why project configuration/machinery details are not provided, Please justify.
2. As per form-II point 8.2, proposed production is mentioned as 5.5 TPD wherein in 8.1 capacity is mentioned as 25,000 TPA, Please justify.
3. As per form-II point 10, the project cost is mentioned as Rs. 1.0 Crore where as in the PFR it is 20.0 lakhs, Please justify.
4. As per form-II point 15, unit of water requirement shall be provided.
5. As per form-II point 17, details of MSW generation and disposal plan shall be provided.
6. As per form-II point 18.1, Justify GLC value of 0.8 for PM 2.5 and 1.00 for PM 10 wrt production volume. No modeling/data are given in the EIA thus please justifies the basis of these values.
7. As per form-II point 20, is entire lease is on Government land?
8. As per form-II point 29, why NO when part of lease is in the seasonal river?
9. As per form-II point 35 (08b), Why LOI is mentioned as NO.
10. As per form-II point 35 (10), Justify NO top soil.
11. As per form-II point 35 (13), As per statement in public hearing that mining will be carried out manually, why JCB is required, please justify.

12. As per form-II point 35 (b), please provide risk assessment as part of lease is in the seasonal river.
13. All the specific TOR points shall be addressed with proposed mitigation/proper safety measures such as for canal and habitations in surrounding area.
14. Initially, lease was allotted in the year 1980 thus please provide complete chronology of mining activities performed with year wise details and copy of CTO obtained from M.P. Pollution Control Board.
15. Since part of lease is in the river and lease is partly government and partly private thus:
  - a. Please submit a map showing khasrawise lease details of government land and private land. (Map-A)
  - b. Show on above map which part of lease is in river and which part of lease is outside of river considering HFL. (HFL of river shall be obtained from an authentic source) (Map-B)
  - c. Submit revised production map on (Map-B) for area outside of lease leaving adequate safety barrier for bank and considering HFL of seasonal river.
16. Revised EMP as suggested by committee by adding budgetary allocations such as for fencing, grazing land, perpetual maintainence of plantation.
17. Under CER scheme with physical targets:
  - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
18. Under Plantation Scheme with budgetary allocations:
  - ✓ Comprehensive green belt plan as suggested by committee with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the

plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.

- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Rewa 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.

**3. Case No 8588/2021 M/s. SP Eco Waste Management System, Smt. Pramila Sharma, Partner, 15/2, Khudiram Bose Marg, Dist. Ujjain, MP - 456010 Prior Environment Clearance for Common Bio Medical Waste Treatment Facility (CBWTF) at Village - Kaliyadeh, Tehsil - Ghattiya, Dist. Ujjain, (MP).**

This is case of Prior Environment Clearance for Common Bio Medical Waste Treatment Facility (CBWTF) at Village - Kaliyadeh, Tehsil - Ghattiya, Dist. Ujjain, (MP). The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14<sup>th</sup> September, 2006 and its subsequent amendments dated 17<sup>th</sup> April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal vide n. 1570 dated 30.07.2021.

Further, SEIAA vide letter dated 30.07.2021 wherein mentioned that.....

*“for this location already SEIAA has granted EC dated 29.01.2019 to case no. 5542/17 & one another case 7787/2020 of this location TOR issued by SEAC on 06.10.2020 valid till 29.09.2024. Further the case no. 7787/2020 M/s. Hostech Eco Management has filed a petition (WP/5133/2021) against the establishment of the unit and matter is sub – judice under H’ble High court. There are number of complaints*

*also received in SEIAA regarding objection of public Hearing. For the case no. 5542/2017 the matter is sub – judice under H'ble NGT (O.A. No. 32/2021) (CZ). In view of above, you are requested to kindly consider the above issue during appraisal of the case.*

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

4. **Case No 8600/2021 M/s P.S.Stone, Partner, Shri Vinod Sharma S/o Shri Brajnaranayan Sharma, Baheriya, Tehsil - Isagarh, Dist. Ashoknagar, MP - 473338 Prior Environment Clearance for Stone Quarry in an area of 1.689 ha. (18430 cum per annum) (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP) 1.689 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. However, committee observed that PP vide letter dated 24/08/21 has requested that due to some unavoidable reasons they intend to withdraw this EC application. Committee after deliberations recommends that on the request of PP case may be considered for withdrawal and case file may be sent to SEIAA for onward necessary action.

5. **Case No 8617/2021 Shri Kapil Yadav S/o Shri Harinarayan Yadav, R/o Damoh, Tehsil & Dist. Damoh, MP - 470661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (7100 cum per annum) (Khasra No. 576/2, 573/2), Village - Appchand, Tehsil - Sagar, Dist. Sagar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 576/2, 573/2), Village - Appchand, Tehsil - Sagar, Dist. Sagar (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.



The case was presented by RQP Swati Namdeo, authorized by PP. During presentation, consultant exhibits 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. 1049 dated 24/07/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 3.80 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
Pucca road	135	South

After presentation committee asked PP to submit response on following issues including imparting corrections in From-II, such as:

1. In point no. such as 13.1, 17, 19, 35(10) etc details are wrongly mentioned, please revise.
2. Revised plantation species as suggested by committee.
3. PP's commitment that no tree felling is proposed.
4. Proposal for use of pesticide shall be replaced by organic pesticides.
5. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ 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.

6. Under Plantation Scheme with budgetary allocations:

- ✓ Comprehensive green belt plan as suggested by committee with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle 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.

**6. Case No 8604/2021 Shri Arvind Dhakad, Sada Colony, Raghogarh, Dist. Guna, MP - 473226, Prior Environment Clearance for Stone Quarry in an area of 1.770 ha. (46784 cum per annum) (Khasra No. 31/1, 31/2), Village - Hajratpur, Tehsil - Raghogarh, Dist. Guna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 31/1, 31/2), Village - Hajratpur, Tehsil - Raghogarh, Dist. Guna (MP) 1.770 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Env. Consultant, on behalf of PP. During presentation, PP exhibits 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 (Ekal Praman-Patra) letter No. 1224 dated 22/07/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.777 ha., including this mine.

During scrutiny of the case file it was observed by committee as per Collector Office (Ekal Praman-Patra) only 01 mine is mentioned within 500 meters around the said mine but as per Google image based on coordinates provided by two mines on the eastern side of lease at a distance of approx. 480 are in existence within 500 meters for which no details are provided in issued certificate. PP submitted these mines were sanctioned for constructing of nearby highway on TP basis and are now not in operation. The Committee asked PP to submit MO clarification clearly indicating status of these two mines for further appraisal of this case. PP was also asked to rectify mistakes made in online submitted from-II.

**7. Case No 8605/2021 Smt. Gaindarani Yadav W/o Shri Prahlad Singh Yadav, Village - Jhaloni Kasera, Post - Goodar, Tehsil - Khaniyadhana, Dist. Shivpuri, MP Prior Environment Clearance for Expansion of Stone Quarry in an area of 2.0 ha. (Expansion from 4121 to 30000 cum per annum) (Khasra No. 856), Village - Garethaa, Tehsil - Pichhore, Dist. Shivpuri (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 856), Village - Garethaa, Tehsil - Pichhore, Dist. Shivpuri (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Ms. Nikita Prajapati RQP and Mr. Sishupal Verma, Env. Consultant, on behalf of PP. 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 (Ekal Praman-Patra) letter No. 2078 dated 20/07/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.95 ha., including this mine. During presentation PP stated that this is a case of capacity expansion of stone from 4121 cum per annum to 30,000 cum per annum. Earlier the EC was granted by DEIAA in the year 2018 vide letter dated 09.07.2021. PP informed that they have obtained compliance of earlier EC conditions from Regional Office, MoEF&CC issued vide letter no. 2105 dated 11/08/21 and provided the legible copy at the time of presentation. Committee observed that as per the compliance report 30-40 saplings has been planted by PP

whereas 50 saplings / year (say minimum 150 saplings) should have been planted. Committee observed that PP has failed to comply with this condition. Thus committee asked PP to plant minimum 200 plants (height not less than 01 meter) in current monsoon season and submit credible evidences such as photographs and bills for further consideration of this case. PP was also asked to rectify mistakes made in online submitted from-II.

**8. Case No 8619/2021 M/a MA Vindhyavasini Stone Crusher, Partner, Shri Gaurav Rainval, 604, Satyam Residence, City Center, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.280 ha. (23066 cum per annum) (Khasra No. 27/2, 33/1/4), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 27/2, 33/1/4), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP) 1.280 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Ms. Nikita Prajapati RQP and Mr. Sishupal Verma, Env. Consultant, on behalf of PP . 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 (Ekal Praman-Patra) letter No. 1114 dated 23/02/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.589 ha., including this mine.

During screening/ scrutiny of the case file it was observed by the committee as per Collector Office (Ekal Praman-Patra) has reported that there are 03 more mines operating or proposed within 500 meters around the said mine. But as per Google image based on coordinates provided by within 500 meters many more mines are in existence. The Committee asked PP to submit revised MO certificate in which clearly indicating the sanctioned or operating mines within 500 meters. It was further observed by the committee that as per Ekal Praman-Patra, a school is in existence at a distance of 120 meters thus as per clause 5 (2c) of MMR, 1996 mandatory safety zone /barrier zone shall be left and revised surface map shall be submitted for further appraisal of this case.

**9. Case No 8601/2021 Shri Rajesh Pathak, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 4.50 ha. (81586 cum per annum) (Khasra No. 24/1), Village - Chhindlai, Tehsil - Lalbarra, Dist. Balaghat (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 24/1), Village - Chhindlai, Tehsil - Lalbarra, Dist. Balaghat (MP) 4.50 Ha. The project requires prior EC before commencement of any activity at site.

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

**10. Case No 8608/2021 Smt. Kamla Shivhare W/o Shri Santosh Shivhare, Dhuma, Lakhnadon, Dist. Seoni, MP - 480886 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (50000 cum per annum) (Khasra No. 296 Part), Village - Dharapatha, Tehsil - Lakhnadon, Dist. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 296 Part), Village - Dharapatha, Tehsil - Lakhnadon, Dist. Seoni (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

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

**11. Case No 7607/2020 Shri Ravi Pratap Singh S/o Shri Jang Bhadur Singh, R/o Village - Heerapur, Tehsil - Shahgarh, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.255 ha. (Expansion from 5002 to 69371 cum per annum) (Khasra No. 196P), Village - Mandhpur, Tehsil - Buxwaha, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 196P), Village - Mandhpur, Tehsil -

Buxwaha, Dist. Chhatarpur (MP) 2.255 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in SEAC meeting 504<sup>th</sup> SEAC meeting dated 22/07/21 and 502<sup>nd</sup> SEAC meeting dated 06/07/21. Vide PP letter dated 23.08.2021 has requested to the SEAC committee that due to sickness he is not able to present the case on the scheduled date hence, give him one more chance to present the case. Committee considered the PP request on health issue and decided to call the PP in subsequent meetings.

### **DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP.**

**12. Case No 8562/2021 Shri Pradeep Kumar Sharma S/o Shri Devi Prasad Sharma, R/o 872/1, Gandhi Nagar, Distt. Lalitpur, UP – 470001 Prior Environment Clearance for Flag Stone Quarry in area of 2.0 ha. (3360 Cum per annum) (Khasra No. 805 Part), Village – Piprasar, Tehsil – Bina, Distt. Sagar (M.P.)**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 805 Part), Village – Piprasar, Tehsil – Bina, Distt. Sagar (M.P.) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 505<sup>th</sup> SEAC meeting dated 24.07.2021. 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 MO letter No. 975 dated 01/7/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation 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 as per Google image based on coordinates provided by PP, a pucca road in the south side at a distance of about 125 m, natural drain at approx. distance of 60 m in the north side and a habitation is located at >250 m in the east side of the lease. In the DFO, letter vide no 1125 dated 22/03/2021 forest area is at a distance of approx. 51 meters from the lease

boundary for which PP has obtained approval from Divisional Commissioner Level Forest Committee in their meeting dated 24.05.2021 with following conditions:

- Towards the forest boundary, Stone wall shall be constructed by the lessee, under the direction of the Divisional Forest Officer.
- Overburden will not be kept in the forest area, and will keep overburden only in the approved lease area.
- By getting the demarcation done in the presence of the staff of Revenue Department and Forest Department, Munare of cement concrete will be constructed all around the lease area.
- A display board with all mandatory details of the project will be constructed at the entry to the mine.
- CCTV camera will be installed towards the forest area and will keep recording for at least 15 days and monitored regularly.

Committee discussed that above conditions stipulated by Divisional Commissioner Level Forest Committee shall be complied by PP and in case any illegal mining is observed by PP then same shall be immediately brought in to the knowledge of Local Forest Range Officer in writing and with recording clips of CCTV for necessary action. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.14.6- Ground water table is shown as 1.20m to 20.21m which needs justification as proposed depth is 09 meters (see point 35-11).
3. In point no.15 Details of Water Requirement (During Operation)-provide copy of letter dated 20<sup>th</sup> may, 2021.
4. In point no.17-Solid Waste Generation/Management- Zero figure has been mentioned, why ?
5. In point no.35 (10) no top soil details given.
6. In point no.35 (13) excavator & JCB is mentioned, please justify statement.
7. Revised plantation species by removing Gulmohar, Saptparni, Khirni from the proposed plantation list and add Sitaphal as proposed as suggested by the committee.

8. PP's commitment that all conditions stipulated by Divisional Commissioner Level Forest Committee in their meeting held on 24.05.2021 will be complied and commensurate budget is proposed in the EMP.
9. PP's commitment that in case any illegal mining is observed by him then same shall be immediately brought in to the knowledge of Local Forest Range Officer in writing and with recording clips of CCTV for necessary action.
10. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
11. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced and provision of Solar light and planting fruit bearing trees for village school shall be added in proposed CER and revised EMP shall be submitted.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
13. PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated nil uploaded online query reply and hard copy as well as on "Parivesh Portal". The point wise query reply (raised in the 505<sup>th</sup> SEAC meeting dated 24.07.2021) was presented by RQP Ms. Swati Namdeo, authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. 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 as per mine plan with quantity not exceeding 3360 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.55 Lakh as capital and Rs. 1.05 Lakh/year as recurring has proposed by PP.



3. All conditions stipulated by Divisional Commissioner Level Forest Committee in their meeting held on 24.05.2021 shall be complied by PP.
4. Any illegal mining in area shall be immediately brought in to the knowledge of Local Forest Range Officer in writing and with recording clips of CCTV for necessary action.
5. As proposed, a minimum of 2400 trees/ year shall be planted in barrier zone, evacuation road, village area etc. as per the submitted plantation scheme.
6. Entire plantation shall be carried out in initial first year with local forest officer (CCF, Social Forestry, Sagar).

**13. Case No 8569/2021 Shri Gourav Singh S/o Shri Manendra Singh, Village - Patera, Tehsil - Churhat, Dist. Sidhi, MP - 486771 Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (30,552 cum per annum) (Khasra No. 31), Village - Umariya, Tehsil - Bahri, Dist. Sidhi (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 31), Village - Umariya, Tehsil - Bahri, Dist. Sidhi (MP) 1.20 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 503<sup>th</sup> SEAC meeting dated 22.07.2021. 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 MO letter 188 dated 12/2/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.20 ha., including this mine.

During presentation it was observed by the committee that it's a case of Stone mining and as per Google image trees exist within lease area in the middle and southern side for which PP submitted there are 11 trees within lease area. Committee suggested the area occupied by trees shall be left as non mining area and accordingly revised production map shall be submitted with inventory of trees. Moreover, as per letter no. 1126 dated 03/09/20, the lease area is 0.064 KM away from ESZ of Son Gharial Wildlife Sanctuary and is within 10 kms of Sanjay Tiger Reserve, Sidhi. Committee after deliberations recommends that PP shall obtain NOC from the Field Director,

Sanjay Tiger Reserve, Sidhi in the prescribed format of SEIAA. It was also observed during presentation that the shape of lease is unusual with maximum width is approx. 40 meters and leaving 7.5 meters both side as barrier zone effective mining area will be very less (approx 25 meters) and considering the width of lease depth restrictions to be applied and thus PP needs to justify that how proposed production of 30,000 cum/year will be achieved in this situation considering safety aspects. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. Revise production plan considering the width of lease and proposed depth to justifying the proposed production of 30,000 cum/year considering safety aspects and space available at pit bottom.
2. Submit NOC from the Field Director, Sanjay Tiger Reserve, Sidhi in the prescribed format of SEIAA wrt to Son Gharial Wildlife Sanctuary and Sanjay Tiger Reserve, Sidhi.
3. 11 trees within lease area and thus area occupied by trees shall be left as non mining area and accordingly revised production map shall be submitted with inventory of trees.
4. In point no.14.6- Ground water table is shown as 1.05m to 15.17m which needs justification as proposed depth is 18 meters (see point 35-11).
5. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
6. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
7. In point no. 17- provide relevant information for solid waste generation/management.
8. In point no. 26- Land yet to be acquired 1.20 ha, please justify the statement.
9. In point no. 32- why detailed green belt plan is not attached.
10. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
11. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.

12. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
13. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
14. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
15. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
16. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
17. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 09/08/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply (raised in the 503<sup>th</sup> SEAC meeting dated 22.07.2021) was presented by Consultant & RQP Shri Ajay Mohan, authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. Committee observed that due to non mining area, width constrains and considering safety of man and machine at working pit bottom, PP has reduced the annual production volume to 10,590 cum/year. 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 as per mine plan with quantity not exceeding 10,590 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 24.52 Lakh as capital and Rs. 5.68 Lakh/year as recurring has proposed by PP.

3. High Density Plantation shall be carried out in the area left as non- mining area and entire plantation shall be carried out in initial first year with local forest officer (CCF, Social Forestry, Sagar).

**14. Case No 7164/2020 Shri Dadai Singh Gond, Village - Sardaman, Tehsil - Hanumana, Dist. Rewa, MP Prior Environment Clearance for Stone Quarry in an area of 4.50 ha. (97,470 cum per annum) (Khasra No. 10/1/ka/1, 10/1/ka/2, 10/1/ka/3, 10/1/ka/4, 10/1/ka/5, 13/1, 13/2, 13/3, 13/4, 13/5), Village - Sardaman, Tehsil - Hanumana, Dist. Rewa (MP). EIA Consultant: M/s. In Situ Enviro Care, Bhopal.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 10/1/ka/1, 10/1/ka/2, 10/1/ka/3, 10/1/ka/4, 10/1/ka/5, 13/1, 13/2, 13/3, 13/4, 13/5), Village - Sardaman, Tehsil - Hanumana, Dist. Rewa (MP) 4.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1114 dated: 11/5/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 12.243 ha including this mine.

Earlier this case was scheduled for presentation and discussion in 442<sup>nd</sup> SEAC dated 16/06/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 29/6/21 which was forwarded through SEIAA vide letter no. 1352 dated 05/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation, PP submitted that there are 02 more mines operating or proposed within 500 meters radius around this mine with total area of 12.243 ha. Hence, EIA and public hearing is conducted after obtaining TOR. It was further observed that as per Google image based on coordinates provided by PP that a Kachcha road is in existence at a distance of approximately 55 meters from lease towards south side. Moreover 04-06 houses/hutments are in existence with some trees within lease for which PP submitted that these are temporary huts/ shelters. In the DFO, letter vide no 338 dated 10/01/2020 forest area is at a distance of approx. 42.45 meters from the lease

boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee meeting held on 20.02.2020 wherein conditional permission was given as 100 meter is to be left from the forest area to lease. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. Revised surface plan leaving 100 m area w.r.t. nearby forest area as according to Divisional Commissioner Level Forest Committee meeting held on 20.02.2020.
2. R&R plan w.r.t. to 04-06 kachcha house/hutments within lease area.
3. Distance of houses in existence around the mines and their protection plan in line with the guidelines stipulated by CPCB.
4. In point no.14.6- Ground water table is shown as 1.60m to 17.70m which needs justification as proposed depth is 40 meters (see point 35-11).
5. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
6. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
7. In point no. 17- provide relevant information for solid waste generation/management. How top soil can be backfilled?
8. In point no. 19- No power supply, please justify the statement.
9. In point no. 32- why detailed green belt plan is not attached.
10. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that lease has top soil.
11. Properly address following issues raised during public hearing with plan/proposal:
  - Issue of Fly rocks at local residents houses.
  - Dust problem.
  - Crop damage.
  - Cracks in the houses due to blasting.
  - Tree plantation at public places and in school premises with adequate protection measures.
  - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
12. Proposal of boundary wall through OB.
13. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.

14. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
15. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
16. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
17. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
18. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
19. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
20. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 09/08/2021 submitted query reply hard copy as well as on “Parivesh Portal”. The query reply was presented by Consultant & RQP Shri Ajay Mohan, authorized by PP. During presentation it was observed by committee that comments / feedback given by local peoples during public hearing were very critical considering environmental issues such as issue of fly rocks at local resident’s houses, dust problem, crop damage and cracks in the houses due to blasting. Committee further observed through Google image that two houses are in existence on the southern side of lease. PP submitted that this is a proposal for new mine and they have yet not started mining and have left non mining area from the western and eastern side of lease considering habitations as per CPCB guidelines. It was further submitted by him that persons who have taken objections in public hearing are not residing in near vicinity of the proposed mining lease and raised the issues due to rivalry. The houses which are in existence within the lease belong to lease owner and will be dismantled during mining and competent authority has sanctioned the lease considering all these aspects as per MMR, 1996 and Tehsildar has also mentioned in his certificate issued on dated 10/01/20 that the lease is away from the village and school. After deliberations committee asked PP to submit credible proof regarding status of two houses located

(approx. 25 meters away) on the southern side of the lease, comprehensive mitigation plan and mark resident's house location on map who have taken objection during public hearing.

**15. Case No 8162/2021 M/s Harda Pathways Pvt. Ltd, Shri Nipum Agrawal, Director, 76, Mall Road, Mhow, Dist. Indore, MP – 453441 Prior Environment Clearance for Stone Quarry in an area of 3.985 ha. (13,8561 cum per annum) (Khasra No. 61, 63/1, 63/2, 63/3, 67/2), Village - Kharad, Tehsil - Khirkiya, Dist. Harda (MP)EIA Consultant: M/s. In Situ Enviro Care, Bhopal .**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 61, 63/1, 63/2, 63/3, 67/2), Village - Kharad, Tehsil - Khirkiya, Dist. Harda (MP) 3.985 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. 2521 dated: 05/02/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 9.219 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 481<sup>st</sup>SEAC dated 16/02/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 05/7/21 which was forwarded through SEIAA vide letter no. 1396 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee in the 503th SEAC meeting dated 22.07.2021 . During presentation, PP submitted that there are 02 more mines operating or proposed within 500 meters radius around this mine with total area of 9.219 ha., hence EIA and public hearing is conducted after obtaining TOR. It was further observed that as per Google image based on coordinates provided by PP, that the kachcha road is at a distance of approximately 300 meters from lease towards south – west side and 02 trees were seems to be existed in the south margin of the lease for which PP submitted that these trees will not be uprooted. For issues raised in public hearing, PP submitted that our is a fresh lease and so far we have not carried out any mining activity in the area and all the issues raised during public hearing are due to other mines in operation. PP further submitted that controlled blasting will be carried

out through certified blaster that too only during day time with sand bags and wire mesh to avoid fly rocks problem. Continuous water sprinkling will be done on the evacuation road to avoid fugitive emissions and also the evacuation road will be made pucca. For depletion of ground water, PP submitted that ground water intersection is not proposed in this project and on the contrary, water body will be developed in the created mine void which will help in uplifting of ground water table. After presentation, committee recommends that based on the discussion PP shall submit point wise reply / commitment / Revised EMP on following issues:

1. Justify when there are many existing mine in the surrounding area and desired volume of basalt can be procured from them then why new mine required.
2. In point no.14.6- Ground water table is shown as 0.30m to 17.70m which needs justification as proposed depth is 30 meters (see point 35-11).
3. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
4. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
5. In point no. 17- provide relevant information for solid waste generation/management. How top soil can be backfilled?
6. In point no. 19- No power supply, please justify the statement.
7. In point no. 32- why detailed green belt plan is not attached.
8. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that lease has top soil.
9. Properly address following issues raised during public hearing with plan/proposal:
  - Issue of Fly rocks, vibration and noise at local residents houses.
  - Dust problem.
  - Crop damage.
  - Reply of issue raised by Mr. Tulsiram & Mr. Paramsukh.
  - Tree plantation at public places and in school premises with adequate protection measures.
  - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
10. Proposal of boundary wall through OB.
11. In proposed plantation scheme Gulmohar shall be replaced by Karanj and revised scheme be submitted as suggested by committee.



12. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
13. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
14. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
15. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
16. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
17. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
18. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
19. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 09/08/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply (raised in the 503<sup>th</sup> SEAC meeting dated 22.07.2021) was presented by Consultant & RQP Shri Ajay Mohan, authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. Committee suggested that in lease boundary along the barbet wire fencing babool seed sowing shall be carried out for added protection for animals after mining operation are over and entire plantation shall be carried out in the initial three years of operations so that in the coming years same can be maintained & additional plantation can be done for causality replacement. Committee further suggested that proposed plantation in the village shall be fenced by three line barbed fencing and same shall be protected by PP which was agreed by him. 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 as per mine plan with quantity not exceeding 1,38,561 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 32.047 Lakh as capital and Rs. 9.90 Lakh/year as recurring has proposed by PP.
3. In lease boundary along the barbet wire fencing babool seed sowing shall be carried out for added protection after mining operation are over and entire plantation shall be carried out in the initial three years of operations (CCF, Social Forestry) so that in the coming years same can be maintained & additional plantation can be done for causality replacement. Plantation in the village area shall be fenced by three line barbed fencing and same shall be protected by PP.

**16. Case No 7875/2020 Shri Trilok Patel S/o Shri Madhusudan Patel, Village - Maharajkhedi Balkhad, Tehsil - Kasrawad, Dist. Khargone, MP - 451228 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (5000 cum per annum) (Khasra No. 253), Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 253, Village - Balkhad, Tehsil - Kasrawad, Dist. Khargone (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation in this meeting but again neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 466<sup>th</sup> SEAC meeting dated 26/11/2020 & 465<sup>th</sup> SEAC meeting dated 07/11/2020. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was discussed in 677<sup>th</sup> SEIAA meeting dtd. 25.6.21 and it has been recorded that....

PP has requested to relist the case by showing his interest to present the case vide letter dtd. 27/3/21 received in SEIAA office on 27/03/21. After detail discussion, it was decided to relist the case and send the technical file to SEAC for appraisal.

The case was not scheduled for presentation in 502<sup>nd</sup> SEAC meeting dated 06/07/21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by PP and their consultant in the 503<sup>th</sup> SEAC meeting dated 22.07.2021, wherein PP submits that since it is a Murrum Quarry where no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. During presentation committee suggested some corrections in EMP and plantation species. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.14.6- Ground water table is shown as 0.00 to 0.00 which needs correction. Similarly, in point no. 17 relevant information shall be submitted.
2. In point no.15- please submit permission for GW withdrawal.
3. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
4. In point no. 17- provide relevant information for solid waste generation/management.
5. In point no. 19- No power supply, please justify the statement.
6. In point no. 32- Please provide details.
7. In point no. 35 (10)- No top soil, please justify.
8. In point no. 35(12) – Please provide details.
9. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation.
10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).

13. PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 16/08/21 uploaded online query reply and hard copy as well as on "Parivesh Portal". The point wise query reply (raised in the 503th SEAC meeting dated 22.07.2021) was presented by RQP Mr. Balraj Chaudhary, authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. 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 Murrum as per mine plan with quantity not exceeding 5,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.92 Lakh as capital and Rs. 02.38 Lakh/year as recurring has proposed by PP.
3. Minimum of 2400 trees (including causality replacement) shall be planted in barrier zone and with the coordination of gram Panchayat as per the submitted plantation scheme. Entire plantation shall be carried out in initial first year with local forest officer (CCF, Social Forestry Department).

**(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.
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) 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. 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 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.
  33. Every year, before onset of monsoon season, minimum 25 saplings 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”.
  34. 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 1/4<sup>th</sup> or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. 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. Plantation in adjoining forest land shall be carried out through 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 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.
34. Every year, before onset of monsoon season, minimum 25 saplings 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”.
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- ‘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. 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.
29. 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.
30. Every year, before onset of monsoon season, minimum 25 saplings 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”.
31. 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 2<sup>nd</sup> 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 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.

**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.