

The 523<sup>rd</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 28<sup>th</sup> October, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. **Case No 8455/2021 Shri Ranjeet Singh Rajput S/o Shri Kalu Singh Rajput, 27, Badridham Nagar, Dist. Dewas, MP - 455001 Prior Environment Clearance for Murrum & Stone Quarry in an area of 1.940 ha. (Murrum - 32035 cum per annum, Stone - 18525 cum per annum) (Khasra No. 394), Village - Amarpuraa, Tehsil - Dewas, Dist. Dewas (MP) EIA Consultant: Green Circle INC.Vadodara (Gj.)**

This is case of Murrum & Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 394), Village - Amarpuraa, Tehsil - Dewas, Dist. Dewas (MP) 1.940 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 59 dated: 15/01/2021 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 20.19 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 496<sup>th</sup> SEAC dated 03/04/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 28/9/2021 which was forwarded through SEIAA vide letter no.2099 dated 30/9/21 and the same was scheduled in the agenda.

The EIA was presented by Env. Consul. Shri Bhupendra, from M/s. GREEN CIRCLE, INC., Vadodara, RQP Ms. Nikita Prajapati and Mr. Sishupal Verma wherein PP stated that habitation (college) is at distance of about ~290m in the SW side of the of the ML area for which 10m setback will be left as non-mining zone in SW side & dense plantation (50nos) using local species will be developed towards this side and additionally, wind breaking wall of 4m high & 120m long will be constructed covering the SW side of the ML area to minimize the effect of mining towards the habitation. PP further stated that targets in physical activities rose in public hearing are incorporated in the EMP & CER. 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. 18.1 why air quality impact predictions are not tabulated–out.
2. In point no. 35 (5)- mention correct value.
3. In point no. 35 (9-iii)- why required internal dumps of 05 m.
4. In point no. 35-11-b- proposed depth is 19 m while as per point no. 14.8 ground water table is shown as 20.0 m thus capping is only 01 m hence, proposed safety precaution to avoid GW intersection shall be provided.
5. In point no. 38 –uploaded QCI validity certificate of consultant is expired, pl justify.
6. Why cluster monitoring, how locations of both the cases are same.
7. Revised plantation species as suggested by committee.
8. Address issues of PH regarding drinking water availability in the village.
9. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal for development of medicinal garden in the local Aganwadi, distribution of fodder and fruit species to the villagers with physical & financial targets as suggested by the committee.
10. Proposal of erection of display board in the lease area showing details of Water sprinkling frequency, day & time of Blasting & Transpiration details.

PP has submitted the following information of above quarries same date vide letter dated 28.10.2021.

- PP submitted minutes of meeting of NABET for re-accreditation in this context.

- Native species will be planted such as Neem, Chirol, Sitafal etc. & suggestions as discussed during the SEAC meeting is attached in revised plantation scheme.
- The Nearest sensitive area is at distance of ~0.290 km in the SW of the Mine lease area, in order to protect the sensitivity, setback of 10m will be proposed as non-mining zone in SW side of ML area hence, the total distance of the college becomes 300m from the minable area. Dense plantation (50nos) using local species will be developed towards this side to minimize the effect towards the habitation.
- Wind breaking wall of 4m high & 120m long will be constructed towards south-western side of ML area which minimizes the effect of mining operations towards sensitivity (college).
- Justification for the same monitoring location selected for both project-
  - Since nature of mineral is similar & are small quarries of minor minerals and both are located adjacent to each other and sharing the common lease boundary towards east side of Stone quarry of Shri Ranjeet Singh Rajput and towards west side of Stone quarry of Shri Kirtiraj Singh Parihar as depicted in same sensitive receptors were there.
  - Sensitive areas for both the stone quarries are also similar.
  - As the monitoring period was same the meteorological data was also same and hence was the pre dominant wind direction i.e. blowing from East to west as depicted in the wind rose diagram and nearest habitation was also same as both the quarries as they are located adjacent to each other.
  - As both the mines are located adjacent to each other and we have to take a location within 500 m and as it is a cluster so same locations has been considered considering it as a cluster.

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

1. Production as per mine plan with quantity not exceeding for Murrum – 32,035 cum per annum, Stone – 18,525 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.04 Lakh as capital and Rs. 5.42 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs.2.51 Lakh/years is proposed.

**2. Case No 8456/2021 Shri Kirtiraj Singh Parihar, 27, Nadridham Nagar, Tehsil & Dist. Dewas, MP - 455001 Prior Environment Clearance for Murrum & Stone Quarry in an area of 2.0 ha. (Murrum - 24872 cum per annum, Stone - 19408 cum per annum) (Khasra No. 394), Village - Amarpuraa, Tehsil - Dewas, Dist. Dewas (MP) EIA Consultant: Green Circle INC.Vadodara (Gj.)**

This is case of Murrum & Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 394), Village - Amarpuraa, Tehsil - Dewas, Dist. Dewas (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Pramanpatra) letter no. 810 dated: 17/03/2021 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 20.190 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 496<sup>th</sup> SEAC dated 03/04/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 28/9/2021 which was forwarded through SEIAA vide letter no.2101 dated 30/9/21 and the same was scheduled in the agenda.

The EIA was presented by Env. Consul. Shri Bhupendra from M/s. GREEN CIRCLE, INC., Vadodara, RQP Ms. Nikita Prajapati and Mr. Sishupal Verma. Wherein PP stated that in very first year of mining initially Murrum will be excavated which is up to the depth of almost 4.0m in which blasting is not required, as a pit of 4m will be developed & then after this, the blasting will be carried out for stone production so blasting impact will be minimum. Three row plantation (about 915 trees) will be developed around the mine lease area and no existing trees within the lease area shall be uprooted any tree. PP further stated that targets in physical activities rose in public hearing are incorporated in the CER.

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. 18.1 Why air quality impact prediction is not carried –out.
2. In point no. 35 (5)- mention correct value.
3. In point no. 35 (9-iii)- why required internal dumps of 05 m.
4. In point no. 35-11-b- proposed depth is 17 m while as per point no. 14.8 ground water table is shown as 20.0 m thus capping is only 03 m hence, safety precaution to avoid GW intersection.
5. In point no. 38 –expired validity certificate of consultant is enclosed.
6. Why cluster monitoring, how locations of both the cases are same.
7. Address issues of PH regarding repair of dug well in the village.
8. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal for development of medicinal garden in the local Aganwadi , distribution of fodder and fruit species to the villagers with physical & financial targets as suggested by the committee.
9. Proposal of erection of display board in the lease area showing details of Water sprinkling frequency, day & time of Blasting & Transpiration details.

PP has submitted the following information of above quarries same date vide letter dated 28.10.2021.

- PP submitted minutes of meeting of NABET for re-accreditation in this context.
- Native species will be planted such as Neem, Chirol, Sitafal etc. & suggestions as discussed during the SEAC meeting is attached in revised plantation scheme.
- Protection plan for sensitivity (College) due mining activities:
  - (i) The Nearest sensitive area is at distance of ~0.380 km in the SW of the Mine lease area, in order to protect the sensitivity, Dense plantation using local species will be developed towards this side to minimize the effect towards the habitation.
  - (ii) In the very first year of mining initially Murrum will be excavated which is up to the depth of almost 4.0m in which blasting is not required, as a pit of 4m was developed & then after this, the blasting will be carried out in this pit for stone production so blasting impact will be minimum.
  - (iii) Mine progression will be from NE of SW (as per the approved mining plan) hence as the mining goes towards the western side a natural high wall will be created automatically which act as a barrier for flying rock particles towards south-western side ( towards sensitivity).
  - (iv) Control & muffle blasting techniques will be implemented using the sand bags to control the flying rock particles.

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

1. Production as per mine plan with quantity not exceeding for Murrum 24,872 cum per annum, Stone 19,408 cum per annum.
  2. A budgetary provision for Environmental management Plan of Rs. 11.60 Lakh as capital and Rs. 4.76 Lakh/year as recurring has proposed by PP.
  3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 2.80 Lakh/years is proposed.
3. **Case No 8709/2021 Shri Vijaypal Singh Rajput S/o Shri Chandrapal Singh Rajput, Ward No. 14, Gupta Gali, Kasba Barod, Tehsil - Barod, Dist. Agar Malwa, MP - 465550 Prior Environment Clearance for Stone Quarry in an area of 2.90 ha. (8000 cum per annum) (Khasra No. 952/Min-27), Village - Kasba Barod, Tehsil - Barod, Dist. Agar Malwa (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 952/Min-27), Village - Kasba Barod, Tehsil - Barod, Dist. Agar Malwa (MP) 2.90 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 on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Pramanptara) letter No. 991 dated 16/9/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.90 ha., including this mine. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	250 & 290	South & East	Protection plan with three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. In point no. 35 (5) - mention correct value.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8,000 cum per annum.
  2. A budgetary provision for Environmental management Plan of Rs.11.235 Lakh as capital and Rs. 6.41 Lakh/year.
  3. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.30 Lakh/years is proposed.
4. **Case No 8712/2021 M/s Jai Mata Di Stone Crusher, Shri Mudit Shrivastava, Prop., Amarkantak Road, Ujjwal Colony, The & Dist. Anupper, MP, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (6,000 cum per annum) (Khasra No. 124/4, 124/5), Village - Naugai, Tehsil - Pushprajgarh, Dist. Anuppur (MP) RQP Shri Ram Milan Pathak, Bhopal.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 124/4, 124/5), Village - Naugai, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It

was observed by Committee that as per Collector Office letter No. 286 dated 04/07/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.524 ha., including this mine. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
01 Trees	within lease	-	One tree which will be uprooted after the approval, of competent authority and additionally 10 trees will be planted.
Human settlement	230	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
2. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.14.50 Lakh as capital and Rs. 4.85 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.80 Lakh/years is proposed.



**5. Case No 8714/2021M/s Om Stone Crusher, Shri Ram Susheel Soni, Kalhauri Road, Pahadi Ke Pass Chachai, Tehsil & Dist. Anuppur, MP, Prior Environment Clearance for Stone Quarry in an area of 1.214 ha. (15,010 cum per annum) (Khasra No. 128/7), Village - Naugai, Tehsil - Pushprajgarh, Dist. Anuppur (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 128/7), Village - Naugai, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 1.214 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1476 dated 02/8/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.52 ha., including this mine. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees	within lease	-	01 tree existed on barrier zone and 01 tree is proposed for uprooting PP will take permission from competent authority and 10 trees shall be additionally planted.
Human settlement	200	South –West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. PP's commitment that 01 tree is proposed for uprooting PP will take permission from competent authority and 10 trees shall be additionally planted.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.

3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 15,010 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.10.08 Lakh as capital and Rs. 4.18 Lakh/year.
3. As proposed, a minimum of 1460 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.00 Lakh/years is proposed.

6. **Case No 8715/2021M/s Kesharwani Stone Crusher, Shri Jagat Tiwari, Prop., Village - Amjhor, Tehsil - Jaisingh Nagar, Dist. Shahdol, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (17,940 cum per annum) (Khasra No. 933 (P)), Village - Amjhor, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 933 (P)), Village - Amjhor, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1236 dated 11/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.416 ha., including this mine. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
04 Trees	within lease	-	No tree felling is proposed.
Road	130	South –East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	260 & 250	West& South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. PP's commitment that no tree felling is proposed.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 17,940 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.8.55 Lakh as capital and Rs. 4.11 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.40 Lakh/years is proposed.

**7. Case No 8721/2021 M/s Saraswati Minerals, Shri Ghanshyam Tiwari, Prop., Pendra Road, Tehsil - Pendra, Dist. Gaurela-Pendra-Marwahi, CG. Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (25000 cum per annum) (Khasra No. 684/1), Village - Pamra, Tehsil - Pushprajgarh, Dist. Anuppur (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 684/1), Village - Pamra, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1767 dated 03/9/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.8 ha., including this mine. As per Google image based on online KML file uploaded by PP the lease is located on the hillock, around 500 meters following sensitive features were observed of the lease area:

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

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
2. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 25,000 cum per annum.
  2. A budgetary provision for Environmental management Plan of Rs.8.42 Lakh as capital and Rs. 4.49 Lakh/year.
  3. As proposed, a minimum of 1800 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.60 Lakh/years is proposed.
8. **Case No 8722/2021 M/s Aman Stone Crusher, Shri Rafeeq Mansuri, Prop., Chhilpa, Tehsil & Dist. Anuppur, MP Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (30001 cum per annum) (Khasra No. 2656/1, 2657, 2635), Village - Chhilpa, Tehsil - Anuppur, Dist. Anuppur (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2656/1, 2657, 2635), Village - Chhilpa, Tehsil - Anuppur, Dist. Anuppur (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1810 dated 10/9/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.510 ha., including this mine. As per Google image based on online KML file uploaded by PP the lease is located on the hillock, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
01 Trees	within lease	-	PP submitted no tree felling is proposed.
Seasonal Drain/Rievr	80	South	20 m set back and Provision of Garland drain & settling tanks.
Check dam	120	SW	Provision of Garland drain & settling tanks.

After presentation committee asked PP to submit response on following information such as:

1. PP commitment that no tree felling is proposed.
2. Revised Surface plan showing 20 m set back as non-mining area wrt Seasonal Drain/River.
3. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
4. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,001 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.60 Lakh as capital and Rs. 5.81 Lakh/year.
3. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.90 Lakh/years is proposed.

**9. Case No 8723/2021 Shri Mohan Keer S/o Shri Kishan Keer, H.No. 01, Ward No. 10, Village - Kusiya Bangrul, Tehsil - Handiya, Dist. Harda, MP Prior Environment Clearance for Murrum Quarry in an area of 3.608 ha. (26,220 cum per annum) (Khasra No. 28/1 Part), Village - Kusiya, Tehsil - Handiya, Dist. Harda (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 28/1 Part), Village - Kusiya, Tehsil - Handiya, Dist. Harda (MP) 3.608 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha,

DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2588 dated 12/2/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. It was observed by the committee that it's a case of Murrum thus no blasting is proposed. As per Google image based on online KML file uploaded by PP it was observed that the southern area of the lease is occupied by root stocks and a settlement existed in the eastern side thus this area shall be left as non-mining area. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees and root stocks	within lease (lease periphery)	-	No tree felling is proposed.
Human settlement	180 & 30	NE & East	70 m setback in the lease from the settlement which is existed in the east direction and proposes three rows of Plantation.

After presentation committee asked PP to submit response on following information such as:

1. PP's commitment that no tree felling is proposed.
2. 70 m setback in the lease from the settlement and area occupied by root stock which is existed in the east direction wrt NGT order showing on the revised surface plan.
3. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
4. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi , distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 26,220 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.17.10 Lakh as capital and Rs. 5.54 Lakh/year.
3. As proposed, a minimum of 4350 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.80 Lakh/years is proposed.

**10. Case No 8724/2021 Shri Ramnivas Jat S/o Shri Mula Jat, Bangrul, Handiya, Dist. Harda, MP Prior Environment Clearance for Murrum Quarry in an area of 3.868 ha. (28215 cum per annum) (Khasra No. 88/1, 88/2 Part), Village - Bangrul, Tehsil - Handiya, Dist. Harda (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 88/1, 88/2 Part), Village - Bangrul, Tehsil - Handiya, Dist. Harda (MP) 3.868 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2589 dated 12/2/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. It was observed by the committee that it's a case of Murrum thus no blasting is proposed. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
04Trees	within lease	SE	No tree felling is proposed
Road	110	West	Three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. PP's commitment that no tree felling is proposed.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.



3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 28,215 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.60 Lakh as capital and Rs. 5.20 Lakh/year.
3. As proposed, a minimum of 1500 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.80 Lakh/years is proposed.

**11. Case No 8713/2021 Shri Sushil Jat S/o Shri Ramkishor Jat, M.No. 69, Village - Sontalai, Tehsil & Dist. Harda, MP Prior Environment Clearance for Murrum Quarry in an area of 1.251 ha. (7205 cum per annum) (Khasra No. 88/6 Part), Village - Bangrul, Tehsil - Handiya, Dist. Harda (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 88/6 Part), Village - Bangrul, Tehsil - Handiya, Dist. Harda (MP) 1.251 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2590 dated 12/2/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. It was observed by the committee that it's a case of Murrum thus

no blasting is proposed.. As per Google image based on online KML file uploaded by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
08 Trees	within lease		No tree felling is proposed
Road	100	West	Three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. PP's commitment that no tree felling is proposed.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 7205 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.7.50 Lakh as capital and Rs. 3.00 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.80 Lakh/years is proposed.

12. **Case No 8727/2021 Shri Nilesh Rai S/o Shri Nathuram Rai, Sadar Bazar, Tehsil & Dist. Sagar, MP – 470002 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5275 cum per annum) (Khasra No. 23, 24), Village - Narwani, Tehsil - Sagar, Dist. Sagar (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 23, 24), Village - Narwani, 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 Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 710 dated 06/4/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 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>	<b>Remarks</b>
Pucca Road	20 m	SE	Set back of 30 meters and Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
National highway	110	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	215	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised surface map showing set back of 30 meters wrt pucca road at a distance of 28m in the SE side.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
3. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi , distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 5275 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.06.57 Lakh as capital and Rs. 3.11 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.70 Lakh/years is proposed.

**13. Case No 8728/2021 Shri Virendra Singh Thakur S/o Shri Mahendra Singh Thakur, Village - Bamora, Tehsil - Sagar, Dist. Sagar, MP Prior Environment Clearance for Stone Quarry in an area of 1.10 ha. (5129 cum per annum) (Khasra No.477/2, 477/3), Village - Rangoli, Tehsil - Sagar, Dist. Sagar (MP) RQP Shri Ram Milan Pathak, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No.477/2, 477/3), Village - Rangoli, Tehsil - Sagar, Dist. Sagar (MP) 1.10 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 711 dated 06/4/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	Adjacent & 30	West & East	Set back of 10 meters and Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Pucca	250	North	Controlled blasting with arrangements of

Road			sand bags and three rows of Plantation towards road side.
Human settlement	260	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised surface map showing set back of 10 meters wrt kachha road in the west side.
2. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
3. Complete letter of DFO certificate.
4. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5129 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.12.86 Lakh as capital and Rs. 3.97 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.70 Lakh/years is proposed.

**14. Case No 8736/2021 M/s Granite India, Shri Mukesh Kumar Jain, Partner, Gupta Complex, Near Bus Stand, Dist. Chhatarpur, MP- 471515 Prior Environment Clearance for Granite Deposit Quarry in an area of 4.0 ha. (3767 cum per annum) (Khasra No. 769/1), Village - Sichahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Granite Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 769/1), Village - Sichahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2007 dated 24/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on online KML file uploaded by PP, it was observed by the committee that the lease is located on the hillock and lease is surrounded by habitation in the north and NE side for which PP submitted that have proposed setback of 100 m around the lease as safety zone and mining shall be carried out through wire saw cutting for making blocks and no blasting is proposed in this case. Around 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>	<b>Remarks</b>
Human settlement	50	North & NE	PP submitted that setback of 100 m around the lease shall be provided as safety and mining shall be carried out through wire saw cutting for making blocks.
Some Trees	within lease	Sparsely distributed	Existing 05 trees within lease are proposed felling for which PP will take permission from competent authority and 50 trees shall be additionally planted, and other trees which are located in the barrier zone shall be kept intact.

PP submitted that lease is sanctioned in 2006 and valid till 2026. After presentation committee asked PP to submit response on following information such as:

1. Revised surface & production map showing setback of 100 m as non-mining area around the lease as safety and PP commitment that mining shall be carried out through wire saw cutting for making blocks.
2. Revised plantation species with revised nos. as 7000 plants in the non-mining area as suggested by committee and seed sowing in the barrier zone.
3. Revised EMP with addition cost of plantation (7000nos.) as suggested by the committee.
4. Revised CER adding proposal for development of Aushadhi Vatika (medicinal garden of perennial species) in the local Aganwadi, distribution of

fodder (Napier grass) and fruit species to the villagers with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Granite 3767 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.14.85 Lakh as capital and Rs. 4.62 Lakh/year.
3. As proposed, a minimum of 7000 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 02.00 Lakh/years is proposed.

**Discussion on Query Reply submitted by PP**

15. **Case No 8615/2021 M/s Madhav Infra Project, Shri Diwakar Pai, Authorized Person, Madhav Nagar, Plot No. 4, Near Panchratna Building, Sumanpura, Dist. Vadodara, Guj. - 390023 Prior Environment Clearance for Soil/ Murrum Quarry in an area of 4.0 ha. (75000 cum per annum) (Govt. land, Khasra No. 24/1), Village - Chirola, Tehsil - Aron, Dist. Guna (MP)**

This is case of Soil/ Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 24/1), Village - Chirola, Tehsil - Aron, Dist. Guna (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri ram Vishal Shukla behalf of PP in the 511<sup>st</sup> SEAC meeting dated 26-08-21. During presentation, PP showed various documents such as lease sanction order, Gram Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 915 dated 11/05/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further stated that it's a case of Murrum mining wherein no drilling and blasting is proposed and this lease is

obtained under temporary permit (TP). During presentation as per Google image based on coordinates provided by PP Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human Settlement	190	South	No drilling and blasting proposed.
Pucca road	50	North	--
Some Trees	within lease	North and centre part	No tree cutting proposed.

PP submitted that no tree will be uprooted. Committee further observed that there are several mistakes in the form-II submitted by PP. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. In point no. such as 13.0, 14.6, 16.1, 17.0 details are wrongly mentioned, please revise.
2. Commitment from PP that right to access shall be provided to the local villagers as kachcha road passing within lease.
3. PP's commitment regarding no tree felling is proposed.
4. Revised EMP as suggested by the committee.
5. Under CER scheme with physical targets:
  - ✓ Activities such as solar panels & white wash in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.



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

**6. Under Plantation Scheme with budgetary allocations:**

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

PP vide their letter dated 12/10/2021 uploaded online query reply and hard copy as well as on "Parivesh Portal". 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 Soil/ Murrum as per mine plan with quantity not exceeding 75,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.70 Lakh as capital and Rs. 4.14 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4800 nos. of trees shall be planted as per the submitted plantation scheme.

**16. Case No 8616/2021 M/s Madhav Infra Project, Shri Diwakar Pai, Authorized Person, Madhav Nagar, Plot No. 4, Near Panchratna Building, Sumanpura, Dist. Vadodara, Guj. - 390023 Prior Environment Clearance for Stone Quarry in an area of 3.868 ha. (1,25,000 cum per annum) (Private land, Khasra No. 136/3, 136/17, 156), Village - Khamkheda, Tehsil - Aron, Dist. Guna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 136/3, 136/17, 156), Village - Khamkheda, Tehsil - Aron, Dist. Guna (MP) 3.868 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla behalf of PP in the 511<sup>st</sup> SEAC meeting dated 26-08-21. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 913 dated 11/05/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further stated that it's a case of Stone mining and this lease was obtained under temporary permit (TP) for two years. During presentation as per Google image based on coordinates provided by PP Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Human settlement	>500	NE
Pucca road	50	E & SE

During presentation, it was observed that some isolated houses are in existence on the south western side of the lease for which PP submitted that these are labour hutments which are in existence due to coal tar plant on the south west side of the lease. Since

SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In point no. such as 13.0, 14.6, 16.1, 17.0 details are wrongly mentioned, please revise.
2. One pit existed just in the vicinity of the lease and also isolated labour houses in the west side lease in this context MO clarification shall be obtained.
3. Under CER scheme with physical targets:
  - ✓ Activities such as solar panels & white wash in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages, shall be considered.
  - ✓ PP’s commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained by them.
4. Under Plantation Scheme with budgetary allocations:
  - ✓ Comprehensive green belt plan as suggested by committee by adding native species like Babul, Khamar, Katang bamboo, Chirol and Neem etc) with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Babool seeds can be sown through trenching method on the periphery of lease for added protection along the fencing. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

- ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle, Gwalior or any other competent agencies.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ Proposal for plantation in adjoining forest land through concerned DFO.

PP vide their letter dated 12/10/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. 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 1,25,000 cum per annum cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 14.15 Lakh as capital and Rs. 4.54 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4800 nos. of trees shall be planted as per the submitted plantation scheme.

17. **Case No. – 6715/2019 Ms. Veena Chaturvedi, M.M.Choubey ward, Behind Chaturvedi Complex, Dist. Katni, MP, Prior Environment Clearance for Limestone Quarry in an area of 2.65 ha. (50,000 tonne per annum) (Khasra No. 76), Village - Rajarwara, Tehsil - Vijayraghvarh, Dist. Katni, MP.**

This is case of Limestone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 76), Village - Rajarwara, Tehsil - Vijayraghvarh, Dist. Katni, (MP) 2.65 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 415<sup>th</sup> SEAC meeting dated 07-01-2020. wherein following details were submitted:

- The Mining lease was granted in favour of Shri Umesh Nath Chaturvedi for periods of 20 years by the State Govt. vide order dated 07/12/1993. The ML was executed for 20 years period over an area of 3.31 ha w.e.f. 07/12/1993 to 06/12/2013.
- The lessee sadly demised in the year 2006 and the ML was substituted in the name of his wife Smt. Urmila Chaturvedi being the legal heir on 27.09.2011.
- The State Govt. intended vide LOI for renewal of ML over 2.902 ha area and hence the application for EC was made over the said area and TOR was issued on 08.07.2015.
- The EIA was prepared and filed for public hearing as per the TOR.
- During the course of extension of ML for 50 years period from date of first grant i.e 07/12/2013 to 06/12/2043 under MM (D & R) Amendment Act, 2015 the area was curtailed to 2.65 ha. and accordingly the TOR was revised and extension sought for further one year.
- The lessee Smt. Urmila Chaturvedi expired on 03.02.2018.
- After the death of Smt. Urmila Chaturvedi, the ML has been substituted in the name of Smt. Veena Chaturvedi her legal heir by the State Govt. on 06.10.2018.
- The revised EIA was submitted for public hearing but due to implementation of code of conduct during election, the TOR expired on 19.06.2019.
- Hence a new application for TOR is being submitted.
- Cost of the proposed project is Rs. 80 lakh.
- The total mine lease area is 2.65 ha, which is non Forest Area.
- The topography of the area is almost plain having gentle slope towards South direction.
- Site services will be constructed as per Mines Act and Mines Rule 1955.
- Mining activities are proposed to be carried out in the area of 1.4626 ha at the end of mine life, out of which total area will be rehabilitated by afforestation.
- About 16284 cu.m. Soil will be generated during proposal period which will be dumped in the Eastern & Southern barrier zone. About 23891 cu.m of OB/waste will be generated from the mine which will be Southern Western part of the area backfilled in mined out area & also be used in road maintenance.
- Opencast semi mechanized mining method of mining will be adopted in the lease area.
- No impoundment or damming is involved in the project. The ultimate depth of mining will be 31 meter below general ground level.
- The water table is about 40m-45m below the ground level. No change is anticipated in the hydrology of watercourses or aquifers by the mining operation.

- The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.

PP further submits that they have already collected Environmental monitoring baseline data of this area, committee recommended to carry-out one month additional data for validation. Committee after deliberations decided that: It's being a case of major mineral, committee consider this case as B-1 category and recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
2. All the heavy metals shall be analyzed in soil samples
3. Any issue related to R&R shall be detailed out in the EIA report.
4. Inventory of existing trees in lease area are to be submitted in Final EIA Report.

In above context, it is stated that the TOR was issued to the PP vide letter no. 13 dtd. 06.02.2020.

SEIAA vide letter no. 2225 dated 05.10.2021 forwarded a complaint (received through e-mail) from Mr. Mangal Suhane on dated 15.09.2021 which was placed in the committee meeting for discussion. During discussion it was observed by the committee that along with the other issues complainant has stated that "IBM has ordered suspension of all mining operation on 27.05.2021." Committee after deliberation decided that on all the issues raised in the complaint, PP may be asked to submit reply with justification at the time of EIA presentation as additional TOR points and also a clarification from IBM on allegation made that "IBM has ordered suspension of all mining operation on 27.05.2021" with EIA report.

18. **Case No 8639/2021 M/s S.B. Stone, Shri Neeraj Bersainya, Prop., S-6, Triveni Complex, Madan Mahal, Dist. Jabalpur, MP Prior Environment Clearance for Dimentional Stone Quarry- 1100 cum per annum & Sub Graded Mineral- 9900 cum per annum in an area of 4.40 ha (Khasra No. 257, 258, 261), Village - Ghutaina, Tehsil - Shahpura, Dist. Dindori (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 257, 258, 261), Village - Ghutaina, Tehsil -

Shahpura, Dist. Dindori (MP) 4.40 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Balraj Choudhary on behalf of PP in the 515<sup>th</sup> SEAC meeting dated 22-09-21. 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. 191 dated 14/07/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation as per Google image based on coordinates provided by PP, it was observed that the 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>	<b>Remarks</b>
No. of Trees	within lease	Sparsely distributed	Tree inventory and their management plans.
Road	10 & 25	North & West	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

It was also observed in the DFO certificate vide no. 1925, dated 08.6.2020 mentioned that the lease boundary is 5.2 KM from ESZ Fossil National Park (Ghughwa) whereas extent mentioned the notified ESZ vide S.O. 3064, dated 30.11.2017 is 250 m. PP further stated that tree occupied area shall be left as non mining area then after about 2.3 ha. area shall be available for mining. After presentation committee asked PP to submit response on following information:

1. Tree inventory and their management plans.
2. Area occupied by trees shall be left as non mining area.
3. Revised plantation scheme as suggested by the committee
4. Revised CER as suggested by the committee.

PP vide letter dated 30.09.21 submitted that query reply through on-line portal and same was presented by the RQP in the 517<sup>th</sup> SEAC meeting dated 07-10-21. PP submitted that total 20 trees are existing trees within mine lease area, along with tree species and girth

details and PP stated that area occupied by trees shall be left as non mining area which is on Khasra no. 261 area 1.50 ha. Committee observed that the land proposed for mining after leaving non mining area also having approx 04-05 trees which will be uprooted. Thus PP was asked to submit:

1. Tree management plans which are in existence within the proposed mining area. (Tree inventory with details of large and small tree species)
2. Revised plantation species as suggested by the committee as add species like Mahua, Achar, Saja, Katang Bans, bargad, Amla and remove Jamun from the list.

PP vide their letter dated 18/10/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. PP submitted that 04 trees shall be uprooted and 40 trees additionally be planted. 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. As per mine plan with quantity not exceeding production of Dimension Stone 1100 cum per annum cum/year & Sub Graded Mineral- 9900 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.63 Lakh as capital and Rs. 3.65 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 6040 nos. of trees shall be planted as per the submitted plantation scheme.

19. **Case No 8573/2021 Shri Vaibhav Jain S/o Shri Vimal Jain, Ambedkar Ward No. 12, Silwani, Dist. Raisen, MP - 464551 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8550 cum per annum) (Khasra No. 117/2 Part), Village - Ghoorpur, Tehsil - Silwani, Dist. Raisen (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 117/2 Part), Village - Ghoorpur, Tehsil - Silwani, Dist. Raisen (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP in the 507<sup>th</sup> SEAC meeting dated 10/08/2021. 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 Collector Office letter No. 52 dated 24/4/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.429 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP two mines are in existence within 500 meters however, MO has reported only one mine. PP submitted that other mine was sanctioned as TP and now not in operation. Committee after deliberation decided that PP may obtain clarification on above issue from the mining officer clearly stating the number of mines sanctioned within 500 meters, details of mines which are not in operation with reason for further consideration of this case.

The case was presented by RQP Swati Namdeo on behalf of PP , wherein it was submitted that as suggested by SEAC they have obtained revised MO certificate issued vide letter no. 605 dated 27.08.21 wherein MO stated that another mine in 500 m was sanctioned during 23.11.19 to 18.07.21 on TP basis and right now is not in operation. Thus only 01 mine within 500 m. Committee after deliberation decided that this case shall be schedule for re-appraisal in the forthcoming SEAC meeting. As per Google image based on online KML file uploaded by PP, around 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>	<b>Remarks</b>
Pucca Road	33 & 109	North & East	PP submitted that they have already left 17 m set back and Controlled blasting with arrangements of sand bags and three rows of Plantation is proposed towards road side.
Some Trees	within lease	-	No tree felling is proposed tree occupied area shall be dealt as non- mining area .
Human settlement	260	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
2. Revised CER adding proposal for plantation in the non mining area with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 28.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8550cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.8.99 Lakh as capital and Rs. 1.20 Lakh/year.
3. As proposed, a minimum of 1280 trees shall be planted as per the submitted plantation scheme.

20. **Case No 8575/2021 Shri Sharda Rai S/o Shri Sitasharan Rai, Ward No. 3, Shahpura, Dist. Dindori, MP - 481990 Prior Environment Clearance for Stone Quarry in an area of 2.840 ha. (14000 cum per annum) (Khasra No. 99), Village - Shaktibhagdu Ryt, Tehsil - Shahpura, Dist. Dindori (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 99), Village - Shaktibhagdu Ryt, Tehsil - Shahpura, Dist. Dindori (MP) 2.840 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 508<sup>th</sup> meeting dated 11.08.2021. 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 Collector Office (Ekal Praman-patra) letter No. 81 dated 12/4/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that as per Google image based on coordinates provided by PP a road is in existence at a distance of 430 meters in the southern eastern side and water body on the northern side at a distance of 380 meters. PP submitted that garland drains and

settling tanks are proposed and only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. 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. such as 13.1, 14.5, 15, 16, 16.1, 27, 35(09) details are wrongly mentioned, please revise.
2. Permission letter to use ground water should be submitted by PP.
3. How PP will ensure continous water supply in the toilets proposed for workers.
4. Details of proposed garland drains and settling tanks.
5. Revised plantation species as suggested by committee (remove Amaltas, Khirni, Guava and add Munga for villagers)
6. 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 cylindres under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ 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 shall be submitted with EIA report.
7. Under Plantation Scheme with budgetary allocations:
  - ✓ 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 / Gram Panchayat / Forest Department / 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 perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated nil submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP presented the query presentation in the 512<sup>th</sup> SEAC meeting dated 07/09/21. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Murrum 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.27 Lakh as capital and Rs. 4.42 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 3600 trees shall be planted within 03 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. All plantations in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

The case was recommended in 687<sup>th</sup> SEIAA dtd. 30/9/21 and it has been recorded that

*The case was recommended in 512<sup>th</sup> SEAC meeting dated 07/09/21 and it was recorded that "After detailed discussion, the committee observed that production capacity recommended in 512<sup>th</sup> SEAC minutes in 20,000 cum/annum whereas the production capacity mentioned in form-2 and approved mine plan is 14000 cum/annum it is also observed that the details of proposed mine lease not include in District Survey Report (DSR). Thus due variation in production capacity as recommended by SEAC & supporting documents & details of proposed mine lease not included in DSR, it is decided to send the case along with technical file to SEAC for re-appraisal".*

The case was placed before the committee, wherein it was observed that due to typographical error, the production capacity was recommended as 20,000 cum/annum

for Murrum whereas the case was appraised for Stone query (14,000 cum/year) as per the production capacity mentioned in form-2 and approved mine plan which is 14000 cum/annum. Thus committee after deliberation recommends that typographical error shall be corrected and now production capacity shall be read as “Production shall be as per mine plan with quantity not exceeding for Stone 14,000 cum per annum”. Other conditions will remain same as per the recommendations of 512<sup>th</sup> SEAC meeting dated 07/09/21.

21. **Case No 8580/2021 Shri Vishnukant Mishra S/o Late Shri Rammani Mishra, Ward No. 11, Tehsil - Gohparu, Dist. Shahdol, MP Prior Environment Clearance for Stone Quarry in an area of 1.644 ha. (20001 cum per annum) (Khasra No. 165, 166, 167), Village - Diyapipar, Tehsil - Gohparu, Dist. Shahdol (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 165, 166, 167), Village - Diyapipar, Tehsil - Gohparu, Dist. Shahdol (MP) 1.644 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 507<sup>th</sup> meeting dated 10.08.2021. 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 Collector Office letter No. 880 dated 11/6/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.957 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a kachha road is in existence at a distance of 40 meters in the southern side and storm water drains is originating near the lease for which PP submitted that they have proposal for garland drains followed by settling tanks and during rainy season only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. 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. such as 13.1, 15, 16, 16.1, 17, 22, 27, 35(10) details are wrongly mentioned, please revise.
2. How PP will ensure continuous water supply in the toilets proposed for workers.
3. Details of proposed garland drains and settling tanks.
4. 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 and plantation 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.
5. Under Plantation Scheme with budgetary allocations:
  - ✓ 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 / Gram Panchayat / Forest Department / 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 perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 28/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. and same was presented by the RQP in the in 512<sup>th</sup> SEAC meeting dated 07/09/21 , wherein it was observed that the PP submitted details of top soil management plan. PP further vide letter dated 07/09/21 submitted commitment that 850 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 20,001 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 24.56 Lakh as capital and Rs. 5.73 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2000 trees shall be planted within three years in barrier zone, evacuation road and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. 1000 plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

The case was recommended in 687<sup>th</sup> SEIAA dtd. 30/9/21 and it has been recorded that

The case was recommended in 512<sup>th</sup> SEAC meeting dated 07/09/21 and it was recorded that.

*PP vide their letter dated 28/8/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal Wherein it was observed that the PP submitted details of top soil management plan. PP further vide letter dated 07//8/21 submitted commitment that 850 saplings will be distributed to the villagers through Gram Panchyat in the first year. The EMP and other submission made by the PP were found to be satisfactory and acceptable hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'*

After detailed discussion, it is observed that a kachha road is in existence at a distance of 40 m in the southern side and storm water drains is originating near the lease area in the light of above fact. Committee observed that after leaving the non-mining area 200 m (40 m + additional 160m) as per the minimum distance criteria considered for permitting Stone query directives by Central Pollution Control Board (in compliance to the NGT Principle Bench

OA No. 304/2019), there will be no or very small lease area will be left for mining. Hence the case is hereby differed and the technical file is send to SEAC for re-appraisal.

The case was placed before the committee for discussions. Committee observed that NGT vide order dated 21.07.2020 has stated distance restriction for the residential/ Public Building/ inhabited site and location to be considered by State, thus 40 m distance for kachha road was considered. However, for locations to be considered by States provisions laid down in section 5(2) of MP MMR Rules, 1996 are being followed by the SEAC. The opinion of SEAC wrt H'ble NGT order dated 21.07.2020 is already communicated through 517th SEAC meeting dated 07.10.2021 to SEIAA.

**(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/Murum and Soil quarries:**

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

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

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

**Annexure- ‘C’**

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

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

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
32. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on

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

33. 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 undertaking inter alia 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 through concern CCF (social forestry) or concerned DFO or any other suitable agency.
- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

**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.