

The 526th meeting of the State Expert Appraisal Committee (SEAC) was held on 11th November, 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. (Dr.) Alok Mittal, Member
5. Dr. Jai Prakash Shukla, Member.
6. Dr. Ravi Bihari Srivastava, Member.
7. Shri A.A. Mishra, Member Secretary.

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

1. **Case No. – 6348/2019 M/s Kutch Chemical Industries Ltd, Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP Prior Environment Clearance for Proposed Project for Manufacturing of Synthetic Organic Chemicals at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP. Env. Consul. M/s. EQMS .**

This is a case Prior Environment Clearance for Proposed Manufacturing of Synthetic Organic Chemicals (Capacity – 8300 MTPM) at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP. The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals.

BACKGROUND

The case was presented by PP and their consultant in the 392nd SEAC meeting dated 29/08/2019 wherein committee deliberated that the existing dye & dyes intermediate industries in Meghnagar IA are unable to manage the wastes properly and situation in Meghnagar IA is critical. PP stated that the proposed manufacturing of dye & dyes intermediate will be based on hydrogenation based technique avoiding generation of iron sludge considering the current situation in Meghnagar I.A.

Earlier this case was scheduled for presentation and discussion in 425th SEAC dated 26/02/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 7/9/2021 which was forwarded through SEIAA vide letter no.2005 dated 27/9/21 and the same was scheduled in the agenda.

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

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

2. **Case No. – 6393/2019 M/s Panoli Intermediates (India) Pvt. Ltd, F-108, Mohta Building, 4, Bhikhaji Kama Place, New Delhi – 110066. Prior Environment Clearance for Manufacturing of Synthetic Organic Chemicals Proposed Capacity 8,000 MTPA, at Plot No. 108B, 190, Meghnagar Industrial Area, Dist. Jhabua, MP.**

This is a case Prior Environment Clearance for Proposed Manufacturing of Synthetic Organic Chemicals (Capacity – 8000 MTPM) at Plot No. 108B, 190, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP.

BACKGROUND

The case was presented by PP and their consultant in the 392nd SEAC meeting dated 29/08/2019 wherein committee deliberated that the existing dye & dyes intermediate industries in Meghnagar IA are unable to manage the wastes properly and situation in Meghnagar IA is critical. PP stated that the proposed manufacturing of dye & dyes intermediate will be based on hydrogenation based technique avoiding generation of iron sludge considering the current situation in Meghnagar I.A.

Earlier this case was scheduled for presentation and discussion in 425th SEAC dated 26/02/2021 wherein ToR was recommended.

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

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

3. Case No 8745/2021 Shri Elam Singh Dangi, Village - Khaikhedi, Tehsil - Shyampur, Dist. Sehore, MP - 466651, Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (10143 cum per annum) (Khasra No. 584/1/2), Village - Khaikheda, Tehsil - Shyampur, Dist. Sehore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 584/1/2), Village - Khaikheda, Tehsil - Shyampur, Dist. Sehore (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2188 dated 21/8/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.0 ha., including this mine. During presentation PP submitted that the other two mines are of Murrum of 02.00 ha each and non homogenous as this case is for Stone. PP further submitted that they have obtained revised Ekal Praman Patra issued by the office of Collector (Khanij Shakha) Sehore vide letter no 3173 dated 09.11.2021 and as per revised MO letter dated 08/11/2021 there are 02 more mine of Murrum having area of 2.0 ha., each and are non homogeneous in nature verified by the competent authority thus shall not be considered as B1. 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
Stop dam (water body)	210	East	Provision of Garland drain & settling tanks.
Human settlement	500	NW	Controlled blasting.

After presentation the committee asked to submit following details:

- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone-10,143 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.42 Lakh as capital and Rs. 03.17 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.85 Lakh/years is proposed.

4. Case No 8757/2021 Shri Devraj Borban, Village - Satner, Tehsil - Athner, Dist. Betul, MP-460110 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (7056 cum per annum) (Khasra No. 32), Village - Charghati, Tehsil - Athner, Dist. Betul (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 32), Village - Charghati, Tehsil - Athner, Dist. Betul (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

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

DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 620 dated 15/3/21 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, it was observed that crusher is installed within lease area PP has submitted copy of CTE & CTO. PP further submitted that due to a stop dam they have left 50 meters setback as non mining area and same has been attached with the presentation. In this non mining area plantation will be carried out. 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
Stop dam	50	SW	PP has shown surface map wherein set back of 50 m has shown wrt to Stop dam at 50 m in the SW direction.
Kachha Road	90	NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone- 7056 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.18 Lakh as capital and Rs. 03.16 Lakh/year.

3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.55 Lakh/years is proposed.

5. Case No 8759/2021 Shri Prabhat Kumar Mehta, 55, Ward No. 2, Bada Bazar, Narsinghgarh, Dist. Rajgarh, MP – 465669 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8085 cum per annum) (Khasra No. 1/1/1/1), Village - Badodiya Jagir, Tehsil - Narsinghgarh, Dist. Rajgarh (MP)

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

The case was presented by RQP Shri Ram Vishal Shukla on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1134 dated 08/9/2021 has reported that there are 03 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, 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
PMGSY Road	315	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachha Road	22	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
02 Trees	Within lease	-	Tree occupied area is already as non- mining area, PP has shown non- mining area in the mining plan as well as in the Surface map.

After presentation the committee asked to submit following details:

- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.

- Revised CER, propose tree plantation along the road existed in the eastern side of the lease.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone- 8085 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.02 Lakh as capital and Rs. 03.16 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.55 Lakh/years is proposed.

6. Case No 8742/2021 M/s Rajlaxmi Devbuild India Pvt. Ltd, Director, Shri Arvind Dhakad, SDX 26-1, Old Minal Residency, J.K. Road, Dist. Bhopal, MP - 462023 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (49,970 cum per annum) (Khasra No. 187/1/1/19), Village - Hausalbe, Tehsil - Jirapur, Dist. Rajgarh (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 187/1/1/19), Village - Hausalbe, Tehsil - Jirapur, Dist. Rajgarh (MP)) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1351 dated 14/10/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP stated that it's a case of Stone mining and this lease was obtained under temporary permit (TP) for 02 years. As per Google image

based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road Kachha Road	80 20	South-East North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Habitation	490	South-West	Controlled blasting.
Stop dam	350	South-East	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Corrected Form-II.
- Revised Plantation scheme (species such as Pakad, Karanj, Putranjiva, Kadamb etc) with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER, include proposal, installation of hand pump in the village school.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone-49,970 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.87 Lakh as capital and Rs. 01.38 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 02.00 Lakh/years is proposed.

7. Case No 8746/2021 M/s Gaur Road Tarcoat Pvt. Ltd, Plot No. 2283, Sharda Chowk, Nagar Road, Dist. Jabalpur, MP - 481880 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (20000 cum per annum) (Khasra No. 31/1), Village - Jhanki Mal, Tehsil - Dindori, Dist. Dindori (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 31/1), Village - Jhanki Mal, Tehsil - Dindori, Dist. Dindori (MP) 1.50 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. 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. 404 dated 06/10/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.5 ha., including this mine. PP stated that it's a case of Stone mining and this lease was obtained under temporary permit (TP) for 02 years. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road (PMGSY)	200	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
01 Trees	Within lease	-	Tree management plan.

After presentation the committee asked to submit following details:

- Commitment that being TP, entire plantation will be carried out in the first year with revised plantation species as suggested by committee.
- Revised CER, add a proposal of wall fencing up to a height of 7 feet in the village school.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other

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

1. Production shall be as per mine plan with quantity not exceeding for Stone-20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.0 Lakh as capital and Rs. 01.79 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.65 Lakh/years is proposed.

8. Case No 8741/2021 Shri Mohit Maheshwari, Narayan Baag Ke Pass, Chawani, Dist. Agar Malwa(M.P.) 465441 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (Average 16,000 cum per annum) (Khasra No. 478 Part), Village - Jamali, Tehsil - Badod, Dist. Agar Malwa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 478 Part), Village - Jamali, Tehsil - Badod, Dist. Agar Malwa (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 466 dated 09/08/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. It was observed that old pit is existed lease, PP submitted that it is old case and on the same lease of Shri J.P. Gilda when was operated till 07.07.2019 as per M.O. letter vide no. 900 dtd. 19.08.21 status of EC of previous lease, CTE & CTO. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	65	East	Controlled blasting with arrangements of sand

			bags and three rows of Plantation towards road side.
Natural Drain	87	South	Provision of Garland drain & settling tanks.
Water Body	240	SE	Provision of Garland drain & settling tanks.

A

After presentation the committee asked to submit following details:

- Corrected Form-II.
- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER, enhanced amount up to a 1.0 lakh with proposal for fodder supply to village Goushala as proposed by PP.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone-16,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.20 Lakh as capital and Rs. 01.22 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.00 Lakh/years is proposed.

9. Case No 8744/2021 Shri Sanjay Dhavle, 52, K.N.Pradhan Estate, Near Danapani Restaurant, E-9, Bawadiya Kalan, Dist. Bhopal, MP - 462026 Prior Environment Clearance for Stone Quarry in an area of 3.645 ha. (34485 cum per annum) (Khasra No. 41), Village - Sarra, Tehsil - Goharganj, Dist. Raisen (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 41), Village - Sarra, Tehsil - Goharganj, Dist. Raisen (MP) 3.645 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 498 dated 03/08/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
02 Trees	Within lease	-	NO uprooting proposed by PP.
Kachha Road	23	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Seasonal drain	170	South- east	Provision of Garland drain & settling tanks.

PP further submitted that no tree felling is proposed, after presentation the committee asked to submit following details:

- Corrected Form-II.
- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER, enhanced amount up to a 1.0 lakh for construction of a room in Aganwadi as proposed by PP.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 34,485 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 17.20 Lakh as capital and Rs. 01.31 Lakh/year.

3. As proposed, a minimum of 4400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 01.00 Lakh/years is proposed.

10. Case No 8737/2021 M/s Sitaram Minerals, Shri Mukesh Tiwari, Owner, Ward No. 06, Heerapur, Tehsil - Shahgarh, Dist. Sagar, MP – 470001 Prior Environment Clearance for M.Sand & Stone Quarry in an area of 2.0 ha. (11609 cum per annum M.Sand – 9288 Cum per annum and Stone – 2321 Cum per annum) (Khasra No. 144, 153, 154), Village - Taarpoh, Tehsil - Shahgarh, Dist. Sagar (MP)

This is case of M.Sand & Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 144, 153, 154), Village - Taarpoh, Tehsil - Shahgarh, Dist. Sagar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1353 dated 16/9/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. It was also observed by committee that mine plan has been sanctioned for stone & M-sand. As per Google image based on coordinates provided 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
Some Trees	Within lease	South- east	No tree uprooting proposed as they are in the area reserved for M sand plant.
Kachha Road	200	East	-
Human settlement	400 & 450	North & west	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

During presentation, PP submitted that lease is sanctioned for mining of stone and M-sand manufacturing for ten years vide letter no. 1118 dated 27/07/21 and copy of this letter is attached with presentation. PP further submitted that mining and M-sand plant will be established on sanctioned lease bearing Khasra no. Khasra No. 144, 153 & 154 as by product after mining of stone. PP further submitted that mining operation, crusher plant, (Primary Jaw & secondary cone crusher) M-sand plant and other facilities will be developed on the allotted lease. PP stated that during M-sand manufacturing water will be used for washing of sand and will be re-circulated

through settling tank. However, water loss due to evaporation will be maintained with fresh water and settled sludge will be backfilled in the mined out area or for leveling work after sun drying. The proposed M-sand plant is based on VSI technique and screening of aggregate. Provision for dedicated area is provided in environmental layout plan for stock, dumps, machineries, site offices and rest shelters etc and detailed layout of the plant is attached with the presentation. During presentation it was observed by committee that there are some trees in the lease which will not be uprooted as plant and machinery are proposed in that area and all the trees will be saved. During discussion it was also recommended by the committee that applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA (PP has made the application in an area of 2.00 ha. for Stone – 2321 cum per annum & M-sand – 9288 cum per annum) and in this case M-sand is being recommended as by product since entire operations i.e. mining and M-sand plant is proposed on lease. After presentation committee asked PP to submit response on following information such as:

- Corrected Form-II.
- Revised calculation of water as M-sand will be required additional water.
- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.
- Revised CER, proposal as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA.
2. Total Stone Production 11,609 cum/year shall be as per mine plan with quantity not exceeding for Stone 2321 cum per annum and M-sand 9288 cum per annum as by product.
3. As proposed, a minimum of 2400 evergreen trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.70 Lakh/years is proposed.

11. Case No 8738/2021 M/s Balaji Neemuch Infra Construction Pvt. Ltd, Shri Sharad Kumar Ganrani, Director, Dist. Neemuch, MP - 458441 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12,469 cum per annum) (Khasra No. 525, 570/1/1), Village - Bardiya Amra, Tehsil - Garoth, Dist. Mandsaur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 525, 570/1/1), Village - Bardiya Amra, Tehsil - Garoth, Dist. Mandsaur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1844 dated 27/08/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on coordinates provided 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	10	West	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Pucca Road	170	East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Highway under construction	320	East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Human settlement	570	East	Protection plan & muffle blasting with arrangements of sand bags.

After presentation the committee asked to submit following details:

- Corrected Form-II.
- Revised Plantation scheme with proposal for sowing of Castor and Neem seeds along the fencing as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,469 cum per annum,.
2. A budgetary provision for Environmental management Plan of Rs. 9.59 Lakh as capital and Rs. 01.17 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.80 Lakh/years is proposed.

12. Case No 8749/2021 Shri Ashish Jaat S/o Shri Mahesh Jaat, Gram - Dadep, Tehsil - Badoda, Dist. Sheopur, MP - 476337 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (2090 cum per annum) (Khasra No. 4194/1), Village - Badoda, Tehsil - Badoda, Dist. Sheopur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 4194/1), Village - Badoda, Tehsil - Badoda, Dist. Sheopur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter (Ekal Praman-patra) No. 7728 dated 31/8/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP meters it was observed that other mines are in existence within 500 m. PP submitted that they have obtained revised MO letter vide no. 9751 dated 10.11.2021 wherein MO mentioned 02 mines are existing within 500 m of which 01 mine is closed and 01 mine is in operational and the total area including this mine is 4.0 ha. Following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	25	SE	Muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Some structure	140	North	PP informed these are agricultural playhouse.

During presentation, PP submitted that there are some corrections in Form-II and the revised form-II is attached with the presentation. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2090cum per annum,.
2. A budgetary provision for Environmental management Plan of Rs. 9.81 Lakh as capital and Rs. 01.13 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.50 Lakh/years is proposed.

Discussion on Query Reply submitted by PP

- 13. Case No 8640/2021 Shri Kousal Prasad Patel S/o Shri Tirath Prasad Patel, R/o, Nehru Nagar, Dist. Rewa, MP Prior Environment Clearance for M-Sand & Stone Quarry in an area of 1.20 ha. (Stone - 21261 cum per annum, M-Sand - 9112 cum per annum) (Khasra No. 766/4), Village - Shyamardanda, Tehsil - Gunnor, Dist. Panna (MP)**

This is case of M-Sand & Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 766/4), Village - Shyamardanda, Tehsil - Gunnor, Dist. Panna (MP) 1.20 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak behalf of PP on behalf of PP in the 514th SEAC meeting dated 21-09-21. 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, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per

Collector Office letter No. 974 dated 03.08.2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, PP submitted that it's a case of Stone and M-Sand Query mine wherein mining will be carried out as per approved mine plan with semi mechanized open-cast method of mining. 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
02 Trees	within lease	Sparsely distributed	No tree cutting is proposed.
Human settlement	>1000	North – East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

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

1. Discuss the process of M-sand manufacturing with deployment of manpower and machine (layout map) on 1.20 ha area considering safety and all other provisions such as storage area and other facilities and why EC is required for M-sand.
2. Which technology will be used for M-sand manufacturing and does the process involves washing of sand. If yes, detailed waste water management plan and disposal of any debris/sludge.
3. Being case of M-sand and wherein crusher is proposed details of internal dumps shall be provided as mentioned in the Form-II point no. 09 where details are not given.
4. In point no. 10, no top soil information provided, please justify.
5. Soil profile study report.
6. 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.

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

PP vide their letter dated 02/11/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made

necessary corrections in the proposal/documents. During discussion it was also recommended by the committee that applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA (PP has made the application in an area of 1.20 ha. for Stone – 21261 cum per annum & M-sand – 9112 cum per annum) and in this case M-sand is being recommended as by product since entire operations i.e. mining and M-sand plant is proposed on lease. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production shall be as per mine plan with quantity not exceeding for Stone - 21261 cum per annum, M Sand - 9112 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.30 Lakh as capital and Rs. 5.20 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1400 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.53 Lakh/years is proposed.

14. Case No 8597/2021 Ankur Gupta S/o Shri Ashok Gupta, 142, Sanghi Street, Tehsil – Mhow, Distt. Indore Prior Environment Clearance for Stone Quarry in an area of 1.012 ha (8000 Cum per Annum) (Khasra No. 1343/4), Village – Gwalipalasia, Tehsil - Mhow, Distt. Indore (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1343/4), Village – Gwalipalasia, Tehsil - Mhow, Distt. Indore (M.P.) 1.012 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled in 507th meeting dated 10/08/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP in the 514th SEAC meeting dated 21-09-21.. 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, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 367 dated 16/2/2021 has reported that there are 01 more

mines operating or proposed within 500 meters around the said mine with total area of 2.934 ha., including this mine.

During presentation, PP submitted that it's a case of Stone Query mine. 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	>250	East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

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

1. Longitude and latitude of the location of the mine are wrongly presented in Form 2 and should be corrected.
2. How the EMP cost can be 333.33% above the cost of project.
3. In point no.15-0 Copy of application submitted GW withdrawal.
4. Like that in point no. such as 16, 16.1, 17, 19, 32, 35-10, 35-11/2, 35-13 etc. Details are not appropriately filled please submit revise information.
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.
5. 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 with their consent 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, Indore or concerned DFO 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.
- ✓ Explore the possibility for plantation in adjoining forest land in consultation with concerned DFO.

PP vide their letter dated 02/11/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production of Stone as per mine plan with quantity not exceeding 8,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.81 Lakh as capital and Rs. 4.36 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1220 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 0.64 Lakh/years is proposed.

15. Case No 8688/2021 Shri Sunil S/o Shri Banshilal, 912, Gavali Mohalla, Gavali Palisia, Dist. Indore, MP - 453441 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (15000 cum per annum) (Khasra No. 427/2), Village - Akawi, Tehsil - Mhow , Dist. Indore (MP) RQP Shri Ram Milan Pathak

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 427/2), Village - Akawi, Tehsil - Mhow , Dist. Indore (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 in the 521st SEAC meeting dated 14-10-21.. 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 for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 556 dated 29/6/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.550 ha., including this mine. As per Google image based on coordinates provided 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	Sparsely distributed	01 tree PP submitted that this tree shall not be uprooted.
Road	60	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	615	East & NE	Controlled blasting with arrangements of sand bags.

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

1. Submit compliance status report of the adjacent mine lease which is owned by same owner.
2. Revised plantation species as per the choice of the PP with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
3. PP commitment that no tree felling is proposed.
4. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants

cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .

5. Revised CER adding Environmental awareness camps & health check-up camps at village level, development of medicinal plant garden (trees/climbers/shrubs/herbs with the help of forest department) in the local Aganwadi and solar light in school with respective their physical & financial targets as suggested by the committee.

PP vide their letter dated 02/11/2021 uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production of Stone as per mine plan with quantity not exceeding 15,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 07.07 Lakh as capital and Rs. 3.31 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme. Under CER PP has proposed Rs. 0.755 Lakh/years.

16. Case No 8703/2021 Shri Sudhir Kumar Rai, Chopra Colony, P.O. - Maihar, Dist. Satna, MP - 485771 Prior Environment Clearance for Stone Quarry in an area of 1.651 ha. (23750 cum per annum) (Khasra No. 192, 193, 194), Village - Tanaja Banshipur, Tehsil - Maihar , Dist. Satna (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed (Khasra No. 192, 193, 194), Village - Tanaja Banshipur, Tehsil - Maihar , Dist. Satna (MP) 1.651 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Amar Singh Yadav behalf of PP in the 519th SEAC meeting dated 12-10-21. 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, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per

Collector Office letter No. 2064 dated 20/7/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on coordinates provided by PP, it was observed that old pit is existed, PP submitted that it was very old mine pit existed they have got the lease in such condition and pit have shown in the surface map. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	Sparsely distributed	Tree management plan.
Human settlement	260 & 270	SW & E	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Highway	300	NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

Further, during presentation as per Google image it was observed by committee 02 more mine are in existence within 500 meters around the said mine while MO has stated no mines within 500 meters. Thus committee asked PP to submit M.O's clarification on this for further appraisal of this case.

PP vide their letter dated 01/11/2021 uploaded online query reply and hard copy as well as on "Parivesh Portal". PP has submitted revised MO certificate regarding mines within 500 meters around the said mine wherein MO stated vide their letter no. 2794 dated 29.10.2021 that there are 02 more mines are existed within 500 meters around the mine of area of 1.25 ha. & 1.984 ha., respectively the total area of 4.885 ha., including this mine. 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 23,750 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 08.34 Lakh as capital and Rs. 3.92 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme Under CER PP has proposed Rs. 1.20 Lakh/years.

17. Case No 7964/2020 M/s. Hardaoul Granite Pro. Shri Ashok Singh Yadav, 108, Bankers Colony, Thatipur, Dist. Gwalior Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (150000 cum per annum) (Khasra No. 56/2, New - 132, 133), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 56/2, New - 132, 133), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. QL-74 dated: 13/7/2015 has reported that there are 17 more mines operating or proposed within 500 meters around the said mine with total area of 30.061 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 473th SEAC dated 07/01/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 08/09/2021 which was forwarded through SEIAA vide letter no.1900 dated 14/9/21 and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. on behalf of PP in the 519th SEAC meeting dated 12-10-21. During presentation PP submitted that it's a case of capacity expansion of stone from 65,740 cum per annum to 1,50,000 cum per annum. During presentation, PP submitted following salient features of the project:-

Particular	Details
Area & Lease period of mine	10 year
Cluster Situation (B1 or B2- please justify)	B1
Toposheet no. & Khasra No.	54J/8
Total Geological Reserve	12,00,000 cum
Available Movable Reserve	8,69,950 m ³

Production/year & Vehicle movement/day	1,50,000 m ³ /year (maximum)	
Expected Life of Mines	6 Years	
Method Of Mining	Opencast semi-mechanized method	
Drilling & Blasting	Controlled Blasting/drilling with sand bags	
Elevation Profile of mine site	251 mRL to 220 mRL (as per kml)	
Conceptual Pit Depth	249 m RL to 224 m RL (25m)	
Height & width of bench	No. of bench : 4, Bench height- 6m , The width of the bench will be more than height of the bench.	
Pit Bottom area at conceptual level	X-X' = 149m (width), Y-Y' = 179m (Length), Area= 26671 SQM	
General ground water table (post monsoon and Pre level)	46-51mbgl and 52-57 mbgl	
Does ground water intersection proposed	No	
Man Power (Skilled & Un-skilled)	40	
Project Cost as per PFR	Rs. 30 lakhs	
Proposed EMP Cost (Rs in Lakhs)	Capital-Rs. 15,23,500	Recurring-Rs.7,52,000
Any litigation pending (if yes, provide details)	No any	
Located in critically polluted area (yes/no)	No	

PP further submitted that they have obtained MoEF&CC compliance report issued vide letter no. 302 dated 06.04.2021 wherein 03 Non Compliances Registration of health records, Records of CER and Construction of 10 nos. of toilets were observed. During presentation committee observed that earlier EC was issued by DEIAA in the year 2018 and PP was unable to display the commitment made for plantation and actual plantation done by PP in response to the commitment. 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. 6 d. Copy of previous letter not uploaded.
2. In point no. 9.1 – ii & vii- copies of all consent to operate & copy of valid CTO is not attached.

3. In point no. 13.1 – Needs correction as in raw material details – Stone mentioned.
4. In point no. 19.0- DG Set proposed – disposal of waste oil/used oil.
5. Like that in point no. such as 14.6, 35-5, 35-8-i, details are not appropriately filled please, submit revise information.
6. In EIA ground water table is mentioned as 57 m bgl while in form-II point no. 14.6 it is 25 m bgl – please clarify the factual situation.
7. Revised CER as suggested by committee and issues raised during public hearing.
8. Commitment letter from PP for water drawl as uploaded letter is unsigned.
9. Year wise plantation done since 2018 till date w.r.t. to given target in EC/Mine Plan and achievement made with documentary and photographic evidences.
10. Response of PP w.r.t. non compliance reported by MoEF&CC issued vides letter no. 302 dated 06.04.2021 and further action plan for reported NC's.

PP uploaded online query reply and hard copy as well as on “Parivesh Portal”. The point wise query reply was presented by PP & their Env. Consultant & RQP authorized by PP. Committee observed that PP has made necessary corrections in the proposal/documents and form-II. PP has submitted that:

- Regarding Year wise plantation done since 2018 till date- PP submitted that as per approved mine plan and EC condition number of plantation is not mentioned. However, Shri Ashok Singh Yadav has planted 800 trees from 2018 to till date around the crusher area.
- Response of PP w.r.t. non compliance reported by MoEF&CC issued vides letter no. 302 dated 06.04.2021 and further action plan for reported NC's - in which PP submitted that now we have complied the EC conditions which are given and attached.
- PP addressed issues raised during public hearing under CER.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone - 1,50,000 cum per annum cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.23 Lakh as capital and Rs. 7.72 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 6000 trees shall be planted as per the submitted plantation scheme.

4. Under CER following activities were submitted by PP:

1	Contribution for social welfare for Primary School, Rafadpur (Sport kits and Benches for students)	13,000/-
2	Distribution of 200 masks and 2 Litre hand sanitizer to villagers of Rafadpur.	7,000/-
3	Distribution of 200 mosquitoes net to 100 peoples under BPL Category to villagers of Rafadpur.	15,000/-
4	Distribution of one bed at primary health centre Rafadpur and Twice health check-up in one year by health camp for villagers.	70,000/-
5	Construction of 10 toilet at the villagers of Rafadpur	1,00,000
	Total	2,05,000.00

18. Case No 8634/2021 M/s Rockphailer Gramudhyog Sewa Sansthan, Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) Prior Environment Clearance for Stone Quarry in an area of 21.10 ha. (6,00000 cum per annum) (Khasra No. 201/1), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 201/1), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 21.10 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Amar Singh Yadav behalf of PP. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. NIL dated NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further stated that this is a case of stone mining, during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Water body	>60 & 275	West	Propose 40 m setback and protection plan in the EIA report.
Some Trees	within lease	Sparsely distributed	Propose inventory girth details

			and their management plan in the EIA report.
Kachcha Road	110	West	-
Natural Drain	120	South	Propose provision of garland drain & settling tanks plan in the EIA report.

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

1. Propose 40 m setback and protection plan in the EIA report w.r.t. water body existed at a distance of 60 m in the west side of the lease.
2. Inventory of all existing trees their girth details and their management plan in the EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
4. Considering huge production and frequent blasting, blast induced ground vibration study shall be conducted and submitted with EIA report.
5. Transportation plan & traffic management plan should be discussed in the EIA report.
6. Hydro- geological study should be carried out if any ground water intersection is proposed.
7. Top soil management plan should be addressed in EIA report.
8. Input data for air modeling considering huge transportation load should be addressed in EIA along with this all back up calculation.

This case was recommended for grant of TOR in 513th SEAC meeting dated 08/09/21. SEIAA vide letter No. 2371 dated 27/10/21 sent back the case file with following observations:

The case was discussed in 513th SEAC meeting dated 8/9/21 it was recorded that. "Being it's a case of cluster of more than 5.0 area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex.D

After detailed discussion, it was observed that this is a first case of highest production capacity (6,00,000 Cum) belongs to Tehsil – Gaurihar, district Chhatarpur. In the past, there were number of cases of this area, found controversial/revoked by SEIAA.

In this case, no details of firm/company have been submitted and a person Shri Manoj Kumar Mishra, resident of district Madhubani, Bihar has signed some papers, but in what capacity & who has authorized him? As per the photocopy submitted by PP a letter issued by Director, Geology & Mining, Bhopal (M.P.) for allotment of 21.00 ha area is addressed to M/s Rockphailer Gramudhyog Sewa Sansthan, Hameerpur, U.P. without complete address sanctioned on the basis of seniority and rejecting the claims of number other applicants, Since this project is having a very large area 21.00 ha. and it will have huge environmental impact, hence above details area to be collected first then the case will be considered by SEIAA.

Hence, it is decided to issue a OM with strict direction to examine online all documents related to case file submitted by PP thoroughly before accepting the application by SEIAA & SEAC (all staff & expert members) to avoid such mistakes like mismatch in details, signature etc. observed in this case. This case may be sent back to SEAC for re-examination.

The committee deliberated on the above issue and found that State Expert Appraisal Committee is the committee of subject experts, is carrying out environmental appraisal of all the cases forwarded by SEIAA, with a confidence that checking and verification of all the documents submitted by the PP to SEIAA office have been already carefully examined by the concerned SEIAA staff. Hence, the scrutiny of all the submitted documents of a case should be diligently substantiated at SEIAA office before giving acceptance of the application to the PP. However, in this case as such there is no environmental issue which needs re-appraisal by SEAC thus committee recommends that this file may be sent back to SEIAA for onward necessary action and with a request that if there is any environmental issue which needs re-appraisal, shall be specifically mentioned so that SEAC can relook and appraise accordingly.

19. Case No 8635/2021 Shri Yash Jain, Main Market, Lakhnadon, Dist. Seoni, MP Prior Environment Clearance for Stone Quarry in an area of 4.66 ha. (50000 cum per annum) (Khasra No. 294, 297, 298/2), Village - Kasai, Tehsil - Lakhnadon, Dist. Seoni (MP) Env. Consultant- M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 294, 297, 298/2), Village - Kasai, Tehsil - Lakhnadon, Dist. Seoni (MP) 4.66 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Krishna Chandra Panda behalf of PP. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2370 dated 04/02/2021 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 9.56 ha., including this mine PP further stated that this is a case of stone mining, during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Asian Highway (AH)	AH is passing around the lease from NW (265m) to SE (100 m)	West	AH is passing around the lease
River	150	SW	Provision of Garland drain & settling tanks in the EIA report .
Human settlement	60	SE	Set back of 140 m and protection plan wrt human settlement and provision of controlled blasting with arrangements of sand bags and three rows of Plantation towards road side in the EIA report .

During presentation PP submits that the baseline environmental monitoring for this site has already been conducted during the period of March, 2021 to May 2021. Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. PP shall propose 140 m setback and protection plan in the EIA report w.r.t. human settlement and provision of controlled blasting with arrangements of sand bags and three rows of plantation towards road side in the EIA report.
2. Inventory of all existing trees their girth details and their management plan in the EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
4. Detailed study of blast induced ground vibration and fly rocks shall be done as production is too high.
5. Top soil management plan should be addressed in EIA report.

The case was discussed 688th SEIAA Meeting 01/10/2021 it was recorded that “The case was recommended for standard ToR in 513th SEAC meeting dated 08/09/2021.

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with additional TORs and general conditions as per Annex D.

As per the Google image, it is observed that area nearby the proposed site is already excavated. Hence, the SEAC team is directed to visit the site and investigate the mineable area. It is decided that revised ToR may be issued after site inspection carried out by the SEAC. As per above decision you are requested to carry out site visit by SEAC team.

The request of SEIAA to carry out the site visit at this stage was re-examined by the committee. The committee observed that they have already recommended TOR to the PP after carefully inspecting the mining area through google imagery and details mentioned in the mine plan. Committee also deliberated that the volume considered for grant of EC/TOR from a sanctioned lease is based upon the sanctioned quantity in the mine plan. Mine plan is prepared by the qualified and approved RQP after through geotechnical technical investigation of site through appropriate methods and subsequently the mine plan approved by the competent government authority of the State. Estimation of minable area through visual observation (site visit) by SEAC team will not suffice the purpose and in future, whenever, it is required, it will be decided by the committee. The committee is of the opinion that it would not be appropriate at this stage to visit the mine area and stands by its earlier recommendations made in 513th SEAC meeting dated 08/09/2021.

20. Case No 7940/2020 Shri Pushpraj Singh, Village - Upani, Tehsil - Gopadbanas, Dist. Sidhi, MP - 486661 Prior Environment Clearance for Stone Quarry in an area of 1.920 ha. (14700 cum per annum) (Khasra No. 1662/2/2, 1664/2), Village - Upani, Tehsil - Gopadbanas, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1662/2/2, 1664/2), Village - Upani, Tehsil - Gopadbanas, Dist. Sidhi (MP) 1.920 ha. The project requires prior EC before commencement of any activity at site.

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

prescribed format duly verified in the Collector Office letter no. 681 dated: 09/8/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.920 ha., including this mine.

The case was scheduled in 469th meeting dated 17/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was presented by the PP and their consultant. During presentation it was observed that a Kachcha road is crossing within lease hence, PP shall be provided right to access to local villagers and a settlement at a distance of >340 meter. After presentation the committee asked to submit following details:

- Proposal for protection wall.
- Show HT line with safe distance on surface map.
- Undertaking for right to access to local villager as Kachcha road passing within lease.
- Some trees within the lease thus their plan and inventory shall be provided.

PP's reply not received till date. Since the tenure of SEAC will be over on 09th April, 2021 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The query reply was presented by RQP Swati Namdeo on behalf of PP and after presentation the committee asked to submit following details:

- Revised CER- Propose proposal of include cost of printer as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 11.11.2021, which was placed before the committee. Committee observed that the PP has left setback of 50 meters on the both sides of HT line as safe zone and demarcated the mining area which was found satisfactory. Committee also suggested that in CER activity with computer printer shall also be given for which PP was agreed and submitted commitment. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 14,700 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.13.42 Lakh as capital and Rs. 01.17 Lakh/year.
3. As proposed, a minimum of 1900 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.00 Lakh/years is proposed.

21. Case No 8650/2021 Shri Sunil Kumar Singh S/o Shri Rampal Singh, Village - Pachkhora, Post - Waidhan, Dist. Singrauli, MP Prior Environment Clearance for Stone Quarry in an area of 1.680 ha. (27094 cum per annum) (Khasra No. 1169/1, 1180, 1186, 1187), Village - Makrohar, Tehsil - Mada, Dist. Singrauli (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1169/1, 1180, 1186, 1187), Village - Makrohar, Tehsil - Mada, Dist. Singrauli (MP) 1.680 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env Consultant Shri Sishupal Verma and Ms. Nikita Prajapati RQP on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat NOC, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 2963 dated 13/08/2021 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 11.29 ha., including this mine. 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
No. of Trees	within lease	Sparsely distributed	PP stated these are 24 in nos. and 09 are proposed for felling .
Pucca Road	140 & 170	South	Dense plantation shall be developed.
Human settlement	100 140	West South	Set back of 100 meters and 60 meters respectively and protection plan w.r.t. human settlement.

During presentation the committee observed that within lease in the centre part (the area which will be available after leaving non mining area due to settlement) large number of trees is in existence. Even the entire lease area is green and occupied by quite a good number of well grown trees. PP submitted that there are 24 trees in the lease out of which 09 will be uprooted. Committee deliberated that even after leaving non mining area approx 09 trees will be uprooted and considering above sensitivity case cannot be considered for grant of TOR/EC and case file may be sent to SEIAA for onward necessary action please.

SEIAA vide letter No. 2396 dated 02/11/21 sent back the file to SEAC for reappraisal on the request of PP and thus the case was scheduled in agenda.

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

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

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

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

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

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

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

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

Annexure- ‘C’**Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries***

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

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

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

34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.

23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M. of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The 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 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

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

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.