

The 519th meeting of the State Expert Appraisal Committee (SEAC) was held on 12th October, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

- 1. Case No 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. 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 Minable 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 Form-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 vide letter no. 302 dated 06.04.2021 and further action plan for reported NC's.

2. Case No. – 6644/2019 Shri Manohar Lal Aanjana S/o Shri Ganga Ram Ji, R/o Village - Kesunda, Tehsil - Chotti Sadri, Dist. Pratapgarh, UP, Prior Environment Clearance for Stone (Crusher Gitti) Quarry in an area of 1.00 ha. (20,000 cum per annum) (Khasra No. 364, 311/2), Village - Chainpura, Tehsil - Neemuch, Dist. Neemuch, (MP). Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Stone (Crusher Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 364, 311/2), Village - Chainpura, Tehsil - Neemuch, Dist. Neemuch, (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 576 dated: 16/07/19 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine with total area of 9.00 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 410th SEAC dated 02/12/2019 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 06/9/21 which was forwarded through SEIAA vide letter no. 1859 dated 13/9/21 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. During presentation, PP submitted following salient features of the project:-

Particular	Details
Area & Lease period of mine	1.00 ha. & 10 year
Cluster Situation (B1 or B2- please justify)	B1
Toposheet no. & Khasra No.	364,311/2
Total Geological Reserve	2,50,000 Cum
Available Minalable Reserve	1,85,500 Cum
Production	20,000 Cum/year
Expected Life of Mines	10 Years
Method Of Mining	Open cast semi mechanized method & controlled drilling and blasting.
Elevation Profile of mine site	470 mRL to 469mRL
Height & width of bench	Bench height will be kept 3.0 m and width will kept more than height..
General ground water table (post monsoon level)	30-35 mbgl
Does ground water intersection proposed	No

Man Power (Skilled & Un-skilled)	11	
Project Cost as per PFR	Rs. 30.0 Lakh	
Proposed EMP Cost (Rs in Lakhs)	Capital-Rs. 7,59,800	Recurring-Rs. 4,65,300
Any litigation pending (if yes, provide details)	No any	
Located in critically polluted area (yes/no)	No	

- The mining shall be done by adopting opencast semi-mechanized mining method.
- OB and ROM is proposed to be removed with the help of excavator and dumper.
- The mineral excavation is proposed to be done by excavator/JCB used and loading is done into tractors or tipper only.
- It is proposed bench height will be kept 3.0 m and width will be kept more than height.
- Blasting shall be only be carried out as per the approved mine plan.
- Before blasting all precautions like siren, guards with red flag etc. will be taken.

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. Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no. 35 -11 as details of Final Mine Void , under - 11-b depth is only 09 m whereas in the EIA report page no. 36 RL as 468- 453 means 15 m pl. clarify it.
3. In point no. 35 -05 and details provided in the EIA report page no. 33& 34 are not matching pl. clarify it.
4. EIA page/34 figure 2.4 it is not legible
5. EIA page/63 why maximum PM10 value 76 is onsite when no mining is carried out please justify.
6. EIA page/247 when monitoring period is from Oct. 19 to Dec. 19 – how report from 02.12.19 to 01.03.20 are attached, please justify reasons.
7. Commitment for 2000 species plantation.
8. Revised plantation species as suggested by the committee (remove Katha, Amla and Katang bamboo & add species like Lathi Bans, Chirol, neem, Peepal, Bargad, Karanj, Deshi Aam and in the barrier zone propose Jangle Jalebi & Ber etc.

9. Revised CER based on the commitment made during public hearing and issues raised by the local villagers with targets and allocations.
3. **Case No 8661/2021 Sagaungi Stone Mine, Smt. Pooja Singh, Village - Sagaungi, Tehsil - Rampur Bagelan, Dist. Satna (MP), MP Prior Environment Clearance for Stone Quarry in an area of 2.387 ha. (17000 cum per annum) (Khasra No. 78/2ka, 78/2/kha/1, 78/2/kha/2, 78/2/Gha, 78/2/Gha/1, 78/2/Gha/2, 75/1/2, 74/1/2), Village - Sagaungi, Tehsil - Rampur Bagelan, Dist. Satna (MP) .**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 78/2ka, 78/2/kha/1, 78/2/kha/2, 78/2/Gha, 78/2/Gha/1, 78/2/Gha/2, 75/1/2, 74/1/2), Village - Sagaungi , Tehsil - Rampur Bagelan, Dist. Satna (MP) 2.387 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Amar Singh Yadav from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. 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. 2081 dated 23/7/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation as per Google image based on coordinates provided by PP within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	105 42 60	North West South	42 m & 60 m set back with protection plan and provision of Garland drain & settling tanks.
Human Settlement	130	NE	70 m set back with protection plan and provision of controlled blasting with arrangements of sand bags and three rows of Plantation towards this side.

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

1. Khasra no. 75/1/2, 74/1/2 are not mentioned in From-II, while these Khasra no. are mentioned in Mining Plan, please justify the factual situation.
2. In point no.14.6- how post monsoon ground water table is shown as 40.0 m to 45 mbgl while pre monsoon ground water table is 30 to 35 please justify.
3. In point no.15.1 - Commitment letter from PP for water drawl as uploaded letter is unsigned.
4. In point no.16.1 – how 0.245 kld water will be re-used.
5. In point no. 35 -11 mentioned only 03 m depth, please justify it.
6. Revised surface plan showing set back wrt canal is existed at a distance of 42 m (setback of 58 meters) & 60 m (setback of 40 meters) in the west and south direction as non mining area and habitation on north west side at a distance of 130 meters (setback of 70 meters) and justify production after leaving setbacks.
7. Revised CER as suggested by committee and explore the possibility for wild life adoption or habitat improvement in the Mukundpur Zoo, Rewa and commitment shall be given with budgetary allocations.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. During examination it was observed by the committee that PP has proposed Rs. 1.00 lakhs for development of Biodiversity Area / Eco-park in Rewa district with the consent of CCF, social forestry, Rewa. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone (Crusher Gitti) as per mine plan with quantity not exceeding 17,000 cum/year.
 2. A budgetary provision for Environmental management Plan of Rs. 09.44 Lakh as capital and Rs. 4.25 Lakh/year as recurring has proposed by PP.
 3. Minimum of 2865 trees shall be planted as per submitted plantation scheme.
4. **Case No 8660/2021 M/s Shri Bala Stone Crusher, Authorized Partner, Shri Rajkumar Samadhiya, Chik Sabtar, Morar, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 3.150 ha. (64000 cum per annum) (Khasra No. 737, 738, 739, 743, 744, 756), Village - Bilara , Tehsil - Morar, 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. 737, 738, 739, 743, 744, 756), Village - Bilara, Tehsil - Morar, Dist. Gwalior (MP) 3.150 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, 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. QLID 23753 dated 28/7/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation as per Google image based on coordinates provided by PP within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	180	West	Provision of Garland drain & settling tanks.
Human settlement	580	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Pucca Road	290	East	--

After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In point no.15.1 Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no. 17.1 Municipal solid waste generation details is missing and correct figure of mine waste.
3. Revised plantation species as suggested by the committee add species like Harra , Neem and Aam.
4. Revised CER as suggested by the committee with physical and financial target.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 64,000 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs.12.19 Lakh as capital and Rs. 05.75 Lakh/year.
 3. Minimum of 3000 trees shall be planted as per the submitted plantation scheme.
5. **Case No 8662/2021 Smt. Ragini Sharma, W/o Shri Umesh Sharma, Deendayal Ki Bagiya, Sadar Bazar, Morar, Dist. Gwalior (MP) Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (28908 cum per annum) (Khasra No. 291 Part), Village - Simiriya Tanka, Tehsil - Gwalior, 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. 291), Village - Simiriya Tanka, Tehsil - Gwalior, Dist. Gwalior (MP) 2.0 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, 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. 8974 dated 07/9/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.871ha., including this mine. During scrutiny of case file it was observed by the committee that as per lease sanctioned order, there are other mines within 500 meters for which PP submitted that they have obtained Mining Officers clarification issued vide letter no. 9236 dated 17/10/21 and placed during the presentation.

As per Google image based on coordinates provided by PP, it was observed by committee that this lease is located on the hillock wherein 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
Temple	250	SE	Dense plantation.
Road	340	East	--
Human settlement	760	North-East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Root Stocks	Within lease	-	Area occupied by the Root Stocks shall be dealt as non- mining area and this area shall be proposed for Re-densification.

After presentation committee asked PP to submit response on following issues and revised/updated information in Form-II, such as:

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no. 17.1 in form-II mine waste generation data shall be corrected.
3. Revised surface plan wrt area occupied by the Root Stocks shall be left as non-mining area.
4. Revised plantation scheme as suggested by committee like Neem, Chirol, Sitaphal etc.
5. Revised CER as suggested by the committee with physical and financial target with commitment that CER activity will be completed in first year.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A'

1. Production shall be as per mine plan with quantity not exceeding for Stone 28,908 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.10.82 Lakh as capital and Rs. 05.07 Lakh/year.
3. Minimum of 2400 trees (including causality replacement) shall be planted as per the submitted plantation scheme.

6. Case No 8669/2021 Smt. Lata Merawat W/o Shri Bahadur Singh Merawat, Village - Khacchartodi, Tehsil - Meghnagar, Dist. Jhabua, MP - 457779 Prior Environment Clearance for Stone Quarry in an area of 1.610 ha. (15390 cum per annum) (Khasra No. 26), Village - Bheemfalia, Tehsil - Jhabua, Dist. Jhabua (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. 26), Village - Bheemfalia, Tehsil - Jhabua, Dist. Jhabua (MP) 1.610 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, 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. 916 dated 12/7/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.41 ha., including this mine. 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
Some Trees	within lease	Sparsely distributed	PP submitted that no tree felling is proposed and area occupied by trees will be left as non mining area.
Pucca Road	50	North	--
National Highway	270	SE	--
Human settlement	350	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no. 17. Municipal solid waste quantification is missing.
3. PP commitment that on left side of mine existing trees will not be uprooted.
4. Revised production plan wrt area occupied by the trees on the left side of lease shall be as non- mining area.
5. Revised plantation scheme as per species suggested by the committee add species like Neem, Kadamb, Putranjeeva, kachnar, Molshree (In school) and Sishoo, Shesham, Deshi Aam, Mahua, Khamer, Neem, Saja and Paker.
6. Revised CER as suggested by the committee with physical and financial target.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A'

1. Production shall be as per mine plan with quantity not exceeding for Stone 15,390 cum/annum.
 2. A budgetary provision for Environmental management Plan of Rs.07.03 Lakh as capital and Rs. 03.15 Lakh/year.
 3. As proposed, a minimum of 1932 trees shall be planted as per the submitted plantation scheme.
7. **Case No 8700/2021 M/s Vikas Minerals Pvt. Ltd, A-10, Lakshmi Narayan State, Rewa Road, Dist. Satna, (MP) Prior Environment Clearance for Stone Quarry in an area of 3.860 ha. (50000 cum per annum) (Khasra No. Satri - 618/1/Kha, 618/1/Gha, 619/2, 619/4, 620/2, 620/4, 622/1/Kha/1, 622/1/Gha, Ganesha - 91/1, 91/3, 91/4, 92/1/G/1, 92/1/G/4), Village - Satri & Ganesha, Tehsil - Rampur Baghlen, 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 site (Khasra No. Satri - 618/1/Kha, 618/1/Gha, 619/2, 619/4, 620/2, 620/4, 622/1/Kha/1, 622/1/Gha, Ganesha - 91/1, 91/3, 91/4, 92/1/G/1, 92/1/G/4), Village - Satri & Ganesha, Tehsil - Rampur Baghlen, Dist. Satna (MP) 3.860 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, 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. 2463 dated 10/9/21 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 this was the lease is already mined out area filled with water. During presentation PP has also submitted a letter issued by Regional Officer, Director Geology & Mining, Rewa for correction in Khasra number. PP submitted this was excavated in between year 2012 to 2015. 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	Inventory & management of trees
Pucca Road	230	North	Controlled blasting with arrangements of sand bags and three rows of

			Plantation towards road side.
Road	400	East	--
Habitation	230	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards this side.

During presentation it was observed by the committee that area is already mined out filled with water and even mandatory barrier zone is not visible on the SE side of the lease in the current Google image. PP submitted that it's an old mined out pit in existence from 2012 and they have shown the same on surface map and deducted volume of mined out area in the approved mine plan. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in Form-II, such as:

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no. 35-11. How it is possible that the depth is mentioned only 06 m.
3. Mine water discharge plan as the lease is already mined out and filled with water.
4. PP's commitment that tree occupied area, existed in the south-west side of the lease shall be dealt as non- mining area.
5. Revised plantation scheme (5000 nos) & species as suggested by the committee
6. Revised CER for development of Biodiversity Area / Eco-park in Rewa district with the consent of CCF, social forestry, Rewa as suggested by the committee with financial target.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. During examination it was observed by the committee that PP has proposed Rs. 2.00 lakhs for development of Biodiversity Area / Eco-park in Rewa district with the consent of CCF, social forestry, Rewa. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A'

1. Production shall be as per mine plan with quantity not exceeding for Stone 50,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.18.12 Lakh as capital and Rs. 05.93 Lakh/year has been proposed.
3. As proposed, a minimum of 5000 trees shall be planted as per the submitted plantation scheme.

8. Case No 8692/2021 Shri Kok Singh S/o Shri Babu Lal Kushwaha, Shivalpura Gali Sabalgarh, Tehsil - Sabalgarh, Dist. Morena, MP - 476229 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8000 cum per annum) (Khasra No. 632), Village - Tindoli, Tehsil - Sabalgarh , Dist. Morena (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. 632), Village - Tindoli, Tehsil - Sabalgarh , Dist. Morena (MP) 1.0 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, 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. 984 dated 06/8/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further submitted that that it's a case of Murum thus no blasting is proposed. As per Google image based on coordinates provided by PP, it was it was observed that this was the lease is already mined out area filled with water. 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 (5-8 nos.)	within lease	Sparsely distributed	Inventory & management plan of trees
Pucca Road	230	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	240	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. Copy of gram sabah/ gram Panchayat NOC.
3. Revised CER for training and plantation of Guggul in the ravines of Chambal region as suggested by the committee with physical and financial targets.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. Committee suggested that proposed Guggal plantation in the ravines of Chambal shall be carryout through concern DFO or any other suitable agency. 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 8,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.8.49 Lakh as capital and Rs. 03.11 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme including guggal plantation in Chambal ravines as proposed in CER.

9. Case No 8693/2021 Shri Trilok Singh, Maharana Pratap Nagar, Gole Ka Mandir, Gird, Dist. Gwalior, MP - 474005 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (10032 cum per annum) (Khasra No. 1005), Village - Sabalgarh, Tehsil - Sabalgarh , Dist. Morena (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. 1005), Village - Sabalgarh, Tehsil - Sabalgarh, Dist. Morena (MP) 4.0 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, NOC issued by office of Collector as per GoMP notification dated 22/01/21, 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. 984 dated 06/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.50 ha., including this mine.

During presentation the Committee observed that as per Collector Officer (Ekal Praman-patra) letter No. 984 dated 18/8/21 there is 01 more mine within 500 meters for which PP submitted that the mine is of Murrum and is not homogeneous in nature and hence this case not be considered B1. PP further submitted that they have obtained revised certificate from competent authority issued vide letter no. 1245 dated 08/10/21 stating that Murrum and stone are non homogenous in nature. As per Google image based on coordinates provided by PP, it was it was observed that this was the lease is already mined out area filled with water. 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	620	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. Copy of letter no. 1245 dated 08/10/21.
3. Revised CER for training and plantation of Guggul in the ravines of Chambal and already dugged tranches shall be used for plantation.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. Committee suggested that proposed Guggal plantation in the ravines of Chambal shall be carryout through concern DFO or any other suitable agency. 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 10,032 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.14.68 Lakh as capital and Rs. 06.31 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

10. Case No 8695/2021 Shri Pawan Kumar Sharma, B-13, Purushottam Vihar Colony, Gole Ka Mandir, Bhind Marg, Dist. Gwalior, MP - 474005 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (10260 cum per annum) (Khasra No. 552), Village - Bakspur, Tehsil - Sabalgarh, Dist. Morena (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. 552), Village - Bakspur, Tehsil - Sabalgarh, Dist. Morena (MP) 4.0 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, NOC issued by office of collector as GoMP notification dated 22.01.2021, 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. 981 dated 18/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on 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
Some Trees	within lease	Sparsely distributed	PP submitted that No tree felling is proposed.
Human settlement	820	North-east	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Canal	1.3Km	North	-

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

1. In point no.15.1 in form-II Commitment letter from PP for water drawl as uploaded letter is unsigned.
2. In point no.14.5 why soil value mentioned, does monitoring done.

3. PP commitment that no tree felling is proposed within lease area and area occupied by trees on the western side will be left as non mining area. Revised surface map shall be submitted.
4. Revised CER plantation of Guggul in the ravines of Chambal region as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 12.10.2021. Committee suggested that proposed Guggul plantation in the ravines of Chambal shall be carryout through concern DFO or any other suitable agency. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A'

1. Production shall be as per mine plan with quantity not exceeding for Stone 10,260 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.10.42 Lakh as capital and Rs. 04.18 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

11. 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. 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.

12. Case No 8633/2021 Shri Vijay Pal Singh S/o Shri Datar Singh Solanki, Village - Jambura, Tehsil & Dist. Ujjain, MP - 456001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (6000 cum per annum) (Khasra No. 234 Part), Village - Jambura, Tehsil - Ujjain, Dist. Ujjain (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 234 Part), Village - Jambura, Tehsil - Ujjain, Dist. Ujjain (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish behalf of PP in 512th SEAC meeting dated 07.09.2021 . During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 295 dated 18/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation it was observed by the committee that as per Google image (KML file) uploaded with the online From-II on PARIVESH portal by PP is different with the KML shown during presentation. PP submitted that by mistake wrong KML is uploaded online and same can be verified through the co-ordinates given in approved mine plan. Hence, committee asked PP to re-submit the correct KML image on- line based on the co-ordinates provided in approved mine plan for further consideration of the project along with other correction as suggested by the committee.

PP vide their letter dated 20.09.2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP has submitted revised KML.

The case was presented RQP Shri Shirish behalf of PP as per Google image based on coordinates provided by PP, it was observed that crusher installed within lease. Within 500 meters of the lease area following sensitive features was observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	370	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachha Road	15	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
HT line	215	SE	--

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

1. PP commitment that all plantation shall be done in the first three years.
2. Revised Plantation species remove Guava from the proposed plantation and add Tendu, Jungle Jalebi as suggested by the committee.
3. Revised CER - Propose plantation of Katanga Bans along the River Kshipra River in the 1.0 ha. area with the consultation of concerned DGO or Forest Department as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.22.87 Lakh as capital and Rs. 3.69 Lakh/year and under CSR Rs. 02.00 Lakh has proposed.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme.
4. Katang Bamboo tree plantation shall be carried out along the bank of River Kshipra through concerned DFO.

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

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

The case was presented by RQP Shri Shirish Deulkar, on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 2158 dated 05/03/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was again scheduled for the presentation in 509th SEAC meeting dated 24/08/21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented in the 512th SEAC meeting dated 07-09-21. During presentation it was observed by the committee that as per Google image (KML file) uploaded with the online From-II on PARIVESH portal by PP is different with the KML shown during presentation. PP submitted that by mistake wrong KML is uploaded online and same can be verified through the co-ordinates given in approved mine plan. Hence, committee asked PP to re-submit the correct KML image on-line based on the co-ordinates provided in approved mine plan for further consideration of the project along with other correction as suggested by the committee.

PP vide their letter dated 20/09/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP has submitted revised KML.

The case was presented RQP Shri Shirish behalf of PP. During presentation it was observed through DFO letter issued vide no 7812 dated 06.11.2019 that lease is within forest area for which PP has obtained approval from Divisional Commissioner Level Forest Committee in meeting held on 07.03.2020. 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
Road bridge (Down /stream)	460	South	Mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC

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

1. In point no. such as 8.10, 13.1, 14.6, 16, 17, 27, 29, 32, 35-4, 35-5, 35-08 etc. details are wrongly mentioned, please revise.
2. Revised surface map showing mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC as non mining area due to Road Bridge.
3. 20 feet setback to be left in the western side where lease as it is touching the forest area along the boundary and this shall be shown on surface map which shall be verified by concerned DFO.
4. Demarcate evacuation route avoiding forest area on map (alternate route) shall be shown on Google map. If evacuation is proposed through forest area, approval of concerned DFO shall be obtained.

5. During presentation through Google image it appears that on the both sides of lease forest area exists and river area is shown as revenue land in the certificate issued by competent authority. Thus PP was asked to provide relevant records or clarification of competent authority on what basis river in between two forest patches has been concluded as revenue land and same shall be certified by competent lease sanctioning authority after scrutinizing the case through forest department.

14. Case No 8698/2021 Shri Bhole Baba Stone Crusher, Dikoli Sagar Road, Shanti Nagar Colony, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (1,00,000 cum per annum) (Khasra No. 165), Village - Dikoli, Tehsil - Badamalhera , Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed (Khasra No. 165), Village - Dikoli, Tehsil - Badamalhera , Dist. Chhatarpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish Deulkar 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. 2812 dated 24/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on 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
Pucca Road	536	NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following issues:

1. Commitment of PP that permission letter from Gram Panchayat will be obtained for water drawl.
2. Commitment that entire plantation will be completed in the initial three years of mining.
3. Revised Plantation species remove Khas slip, Khirni Nagarmotha and add chirol as suggested by the committee.

4. Propose seed sowing by contour trenching method.
5. PP commitment that plantation shall be done in first 03 years.
6. Revised CER scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 12/10/2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,00,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.29.87 Lakh as capital and Rs. 03.69 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

(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. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
33. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app".
34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.

4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th 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 suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - 34. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
 - 35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

- 1. Mining should be done only to the extent of reclaiming the agricultural land.
- 2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
- 3. The mining shall be carried out strictly as per the approved mining plan.
- 4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
- 5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should

- maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
 7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
 8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
 9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
 10. No Mining shall be carried out during Monsoon season.
 11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
 12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or

- technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
 23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
 24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
 25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
 26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
 27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 29. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.

31. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land 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.
32. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
33. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The

- under taking 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.

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.