

The 513rd meeting of the State Expert Appraisal Committee (SEAC) was held on 08th September, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting 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 7817/2020 M/s Viscus Oils Pvt. Ltd, 55/1/2-C, New Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasa no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP). Project Category- 5(f) Env. Con. M/s. SAN Envirotech Pvt. Ltd.,**

This is case of Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasra no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP).

Earlier this case was scheduled for presentation and discussion in 463nd SEAC dated 1/10/2020 wherein ToR was recommended. PP has submitted the EIA report vide letter dated 26/7/21 which was forwarded through SEIAA vide letter no. 1688 dated 17/08/21 and the same was scheduled in the agenda.

The case was again scheduled for the presentation in 511th SEAC meeting dated 26/08/21 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 EIA was presented by the Consultant Mr. Mahendra Sadaria, from M/s. SAN Envirotech Pvt. Ltd., and Mr. Raj Kumar Patel, Director and Mr. Pankaj Chatterjee, Vice President from M/s. Viscus Oils Pvt. Ltd (PP). During presentation PP submitted that this is a case of Expansion in Manufacturing of Resin & other Edible/non-edible based products. PP further submitted following details of the project:

- M/s. Viscus Oil Pvt. Ltd. is working Unit is engaged in manufacturing of Alkali Refined, Rosin Gum, Soya Lectin, Stand Oil, (Stand + Vispol + DCO + DBLO) and Synthetic Resin (Alkyd + Phenolic + Polyester) with production capacity of 2083 MT/Annum established prior EIA Notification, 2006.
- Unit has valid CTO under the different Environmental Act issued by MPPCB.
- Now, unit proposed to drop 2 products i.e. Rosin Gum, Soya Lectin and proposed to increase quantity of remaining existing products along with addition of one new product - Vegetable Oil Ester. After expansion, total capacity will be increased up to 17400 MT/Annum. Terms of Reference was issued by SEAC, MP on 06.10.2020.
- We have carried out EIA study as per the generic structure of EIA notification, 2006 incorporating TOR points issued by SEAC, Madhya Pradesh.
- Public Hearing was conducted by MPPCB at the site of project on 26.06.2021. Observations in Public Hearing Minutes and Action Plan with Budgetary Provision is given in slide no. 29.
- Unit has submitted final EIA report along with MoM of Public Hearing to SEIAA/SEAC, MP.
- The details of solid and hazardous waste generation along with its mode of treatment/disposal are furnished as below:

S. No.	Type of Waste	Source	Quantity Generated (TPA)	Mode of Treatment/Disposal
1	ETP sludge	ETP	4.0 MT/Yr.	Collection, Storage, Transportation, Disposal at TSDF
2	Discarded containers Liner/ Bags	Raw material	6000 Nos./Yr. 4.8 MT/Yr.	Collection, Storage, Transportation, Disposal by selling to Authorized Recycler.
3	Used Oil	Plant machineries	0.500 KL/Yr.	Collection, Storage and reuse as lubricant

- The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

S. No.	Raw material	Quantity required per annum			Source	Distance from site (Kms)	Mode of Transportation
		Existing	Expansion	Total			
1.	Alkyl Phenol like PTBP, PTOP, Bisphenol, Nonyl Phenol/other Phenol	36.36	1164.84	1201.2	Indigenous	50	Road
2.	Castor Oil	705.36	3683.64	4389.0	Indigenous	50	Road
3.	Catalyst Potassium Bisulphate	6.72	35.28	42	Indigenous	50	Road
4.	Catalysts	0.12	2.88	3	Indigenous	50	Road
5.	Caustic	5.4	28.2	33.6	Indigenous	50	Road
6.	Earth + Carbon	16.92	88.08	105	Indigenous	50	Road
7.	Gum Rosin	324	10368	10692	Indigenous	50	Road
8.	Linseed Oil	675.6	41324.4	42000	Indigenous	50	Road
9.	Maleic Anhydride/ Fumaric Acid	25.44	812.76	838.2	Indigenous	50	Road
10.	Organic Acids/ Anhydrides	120	3840	3960	Indigenous	50	Road
11.	Paraformaldehyde	15.0	480	495	Indigenous	50	Road
12.	Pentaerythritol/Glycerin	48.36	1548.84	1597.2	Indigenous	50	Road
13.	Polyols/Glycols/ Amines	69	2208	2277	Indigenous	50	Road
14.	Raw Oil	696.6	3637.8	4334.4	Indigenous	50	Road
15.	Solvent	00	192	192	Indigenous	50	Road
16.	Solvents (Xylene, MTO, C-IX, C-X, BA, Ethanol, Ethyl, Acetate,	83.04	2655.09	2739	Indigenous	50	Road

	Catalyst						
17.	Solvents (Xylene, Toluene, MTO, Slop Oil, Industrial Solvents, Thinner, C-IX, C-X, BA, BuOH, Aromax etc.)	78	2496	2574	Indigenous	50	Road
18.	Spent Catalyst	2.76	14.04	16.8	Indigenous	50	Road
19.	Vegetable Oil	715.56	6256.44	6972	Indigenous	50	Road
20.	Vegetable Oils/Fatty Acid	81.96	2624.04	2706	Indigenous	50	Road
21.	Wash oil with water	00	00	120	Indigenous	50	Road

- The water requirement for the project is estimated as 25.0 m³ /day, out of which 20.0 m³/day of fresh water requirement will be obtained from the Tankers from outside and the remaining requirement of 5.0 m³/day will be met from RO permeate.
- The power requirement for the project is estimated as 250 kVA, out of which 250 kVA will be obtained from the M.P. Paschim KshetraVidhyutVitaran Company Limited, Indore.
- Baseline Environmental Studies (In case of clause 7(ii) projects from post project monitoring data) - Not Applicable in our case.
- The capital cost of the project is Rs. 8.58 Crores and the capital cost for environmental protection measures is proposed as Rs. 0.33Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 0.12 Crores. The employment generation from the proposed expansion is 70. The details of cost for environmental protection measures is as follows:

S. No.	Description of Item	Existing (Rs. In Lakhs)	
		Capital Cost	Recurring Cost
i.	Air Pollution Control/Noise	12.5	2.0
ii.	Water Pollution Control	7.5	2.5
iii.	Environmental Monitoring and Management	0.5	2.5
iv.	Green Belt Development	4.5	1.0
v.	Addressal of Public Consultation	--	--

	concerns		
vi.	Miscellaneous	8.0	4.0

- Greenbelt will be developed in 0.3445 ha which is about 33% of the total project area. A 3.0m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of 475 saplings will be planted and nurtured in 0.1895 hectares in 1 years.

During appraisal it was observed by the committee that complete details are not uploaded by PP through online Form-II and even the all additional TOR points are also not addressed in EIA submitted by PP. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In the From-II, in point no. such as 8.1, 9.1, 10- e, 13.b, 14.2, 15.0 16.1, 17.3, 18.2, 19.0, 22.0, 32, etc wherein details are wrongly mentioned as follows and needs revision/ factual information:
 - a. Public Hearing: Incomplete documents.
 - b. Point 8.1, List mismatches with the Table 2.3 of EIA.
 - c. Points 9.1 (i) & (ii) are wrong should not be NA (CTO dated 10.06.21 is attached)
 - d. Point 10 Fund allocated for the Environmental Management is only 1%
 - e. Point 13, (b) is wrong information, (a) & (c) does not match with 13.1
 - f. Point 14.2 TSS Max Permissible Limit Zero?
 - g. Point 15 Water Requirement 25 KLD, Outside Tanker?? How ?
 - h. Point 15 attachment, copy of permission letter is irrelevant document.
 - i. Point 17 (3) used oil disposal is not proper.
 - j. Point 18.2, Thermic Fluid Heater Stack Height is not proper should be 30 m.
 - k. Point 19, copy of agreement letter is irrelevant document.
 - l. Point 21. All values if given in unit Hectare are wrong.
 - m. Point 22. Land fill?? Difference between built up area & main plant?

- n. Point 32. Copy of Green Belt Plan, Does not exhibit present plantation in the unit.
 2. MSDS for only 6 chemicals: Phenol, Para-formaldehyde, Sodium Hydroxide, Xylene, Maleic Anhydride and Pthalic Anhydride is provided though there are many other chemicals (LiOH, KOH, KHSO₄, Toluene, Ethanol etc. etc. are used, thus MSDS of all chemicals shall be submitted.
 3. Worst case scenario as per specific TOR not submitted, please provide.
 4. Details of solvents and their recovery plan not provided in EIA report.
 5. How noise pollution will be reduced to substantial level as stated in EIA, please provide details.
 6. Details of process emissions and proposed control measures.
 7. Justify 33% green belt area w.r.t. canopy crown / basal area cover and which are the species planted (ever green or deciduous) shall be furnished with details of species and their number. Comprehensive green belt plan shall be submitted.
 8. Proposed water supply is from tanker. How long this arrangement will be continued and is there any alternate proposal?
 9. Commitment that thermic fluid heater stack height will be minimum 30 meters.
 10. Commitment that used oil will be disposed through sale to authorized recyclers.
 11. Details plan for commitment made during public hearing shall be submitted with commensurate budgetary allocations.
2. **Case No 8624/2021 M/s K.G.Developers, Shri Ashish Kharya, Authorised Signatory, C-99, New Minal Residency, J.K.Road, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 6.082 ha. (70000 cum per annum) (Khasra No. 1214, 1215), Village - Pasan, Tehsil - Anuppur, Dist. Anuppur (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1214, 1215), Village - Pasan, Tehsil - Anuppur, Dist. Anuppur (MP) 6.082 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 (Ekal Praman-Patra) letter No. 1105 dated 04/06/2021 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 river sand mining on Kewai river, during presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is under submergence thus PP shall submit revised plan by leaving submerged area as non-mining zone. Being it's a case sand quarry with total area of 6.082 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss 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”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.

- PP's commitment that in the river bank where green area is in existence, shall not be encroached during mining operation and will be left as non mining area.

3. Case No 8625/2021 M/s K.G.Developers, Shri Ashish Kharya, Authorised Sigantory, C-99, New Minal Residency, J.K.Road, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 6.0 ha. (50000 cum per annum) (Khasra No. 164), Village - Cholna, Tehsil - Jaithari, Dist. Anuppur (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 164), Village - Cholna, Tehsil - Jaithari, Dist. Anuppur (MP) 6.0 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, 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. 1108 dated 04/6/2021 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 river sand mining on Sone river, during presentation as per Google image based on coordinates provided by PP, it was observed that in the south -western side of the lease road bridge is located at 190 meters. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Stop Dam	Within lease	Centre of the lease. Thus safety zone shall be left as per guidelines.
Pucca Road bridge	>190	SW

Being it's a case sand quarry with total area of 6.0 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR

prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss 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”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.

4. Case No 8626/2021 M/s K.G.Developers, Shri Ashish Kharya, Authorised Sigantory, C-99, New Minal Residency, J.K.Road, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 6.50 ha. (32000 cum per annum) (Khasra No. 1763, 95/1), Village - Gobri, Tehsil - Jaithari, Dist. Anuppur (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1763, 95/1), Village - Gobri, Tehsil - Jaithari, Dist. Anuppur (MP) 6.50 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 (Ekal Praman-Patra) letter No. 1107 dated 04/06/2021 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 river sand mining on Tipam River, during presentation as per Google image based on coordinates provided by PP, it was observed that in the south-west side of the lease road bridge is located at about >180 meters, PP shall left mandatory safety distance with revised Production Plan leaving setback in lease from bridge as per Enforcement & Monitoring Guidelines for Sand Mining, 2020. Also at same places river is crossing the lease area thus same shall be left as non- mining area and discussed in the EIA report.

Being it's a case sand quarry with total area of 6.50 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.

- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.

5. Case No 8627/2021 M/s K.G.Developers, Shri Ashish Kharya, Authorised Sigantory, C-99, New Minal Residency, J.K.Road, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 5.664 ha. (67968 cum per annum) (Khasra No. 1), Village - Chakaghat, Tehsil - Anuppur, Dist. Anuppur (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Chakaghat, Tehsil - Anuppur, Dist. Anuppur (MP) 5.664 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 (Ekal Praman-Patra) letter No. 1106 dated 04/06/2021 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 river sand mining on Sone River, during presentation as per Google image based on coordinates provided by PP, it was observed that in the river crossing the lease (intersection). PP shall left safety distance as per Enforcement & Monitoring Guidelines for Sand Mining, 2020.

Being it's a case sand quarry with total area of 5.664 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.

6. Case No 8098/2021 Shri Bhuwanchandra Pandey, Kabrai, Dist. Mahoba, UP Prior Environment Clearance for Stone Quarry in an area of 3.917 ha. (200000 cum per annum) (Khasra No. 1640), Village - Prakash Bamhouri, Tehsil - Gaurihar, Dist. Chhatarpur, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1640), Village - Prakash Bamhouri, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 3.917 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. 1054 dated: 14/02/2019

has reported that there are 09 more mines operating or proposed within 500 meters around the said mine total area of 23.917 ha., including this mine.

The case was scheduled in 477rd meeting dated 30/01/2021 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 477rd meeting dated 30/01/2021. 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.

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 SEAC 479th meeting dated 11/02/2021 SEAC & 477th meeting dated 30/01/2021. 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.

The case was scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the SEAC 479th meeting dated 11/02/2021 SEAC & 477th meeting dated 30/01/2021. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was discussed in 681th SEIAA meeting dtd. 04/8/21 and it was recorded in the minutes that.....

“The case was discussed in 665th SEIAA meeting dated 06/03/21 and in 486th SEAC meeting dated 26/2/21” and scheduled for presentation, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in the SEAC 479th meeting dated 11/02/2021 SEAC & 477th meeting dated 30/01/2021. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project. As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide dated 24/3/21 received in SEIAA Office 27/3/21 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the relevant case file to SEAC appraisal.

The case was presented by Consultant Shri Amar Singh Yadav behalf of PP. During presentation as per Google image based on coordinates provided by PP, it was observed that village is very adjoining in the south-eastern side of the lease and a water body is also in existence at the south- west side of the lease. Considering safety aspects and NGT order dated 21/07/20 if area is deducted, the proposed production of 2,00,000 cum/year cannot be achieved. Thus committee recommends that considering above case cannot be recommended for grant of TOR.

7. **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 man-power 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.

8. Case No 8631/2021 Shri Devendra Singh S/o Shri Jashwant Singh, Piploda Dwarkadhish, Dist. Ujjain, MP – 456664 Prior Environment Clearance for Stone Quarry in an area of 2.460 ha. (76000 cum per annum) (Khasra No. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1), Village - Madhopur, Tehsil - Ujjain, Dist. Ujjain (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. 200, 207/1/1, 207/1/2, 197/1/2, 197/2, 207/2/2, 207/2/1, 206/2, 205/2, 205/1/2, 206/1), Village - Madhopur, Tehsil - Ujjain, Dist. Ujjain (MP) 2.460 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant Shri Amar Singh Yadav, 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. 652 dated 27/07/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.37 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
Pucca Road	80	East
Human settlement	300	SW

During presentation the on the Google images committee observed that the query lease is located in between agriculture fields where agricultural crops is being grown thus PP was asked to submit soil profile report of 02 different locations within lease at a depth of minimum 01 m with photographs with photographic evidences for further consideration

of this case. PP was also asked to submit revised form-II making necessary corrections in point no. 14.6, 16.1, 17, 35(8), 35(9), 35(12), 35(15) etc.

9. 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.

Discussion on Query Reply submitted by PP

1. **Case No 7374/2020 Shri Sachin Patni S/o Shri Prakash Chandra Patni, Chota Bazar, Unhel, Tehsil - Nagda, Dist. Ujjain, MP - 456221 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (53,236 cum per annum) (Khasra No. 76), Village - Akyanjik, Tehsil - Nagda, Dist. Ujjain (MP).EIA Consultant: M/s. In Situ Enviro Care, Bhopal**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 76), Village - Akyanjik, Tehsil - Nagda, Dist. Ujjain (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 716 dated 23/6/2020 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 17.5 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 448th SEAC dated 23/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 29/6/21 which was forwarded through SEIAA vide letter no. 1354 dated 05/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation, PP submitted that there are 06 more mines operating or proposed within 500 meters radius around this mine with total area of 17.50 ha. Hence, EIA and public hearing is conducted after obtaining TOR. During presentation and appraisal of the case, it was observed that this is an old working mine seeking expansion from 3,000 cum/annum to 53,236cum./annum for stone. During appraisal it was observed by the committee that PP has not submitted compliance report of the earlier EC conditions duly verified by competent authority and there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. 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. 06 “Details of TOR/EC” are not provided.
3. In point no.14.6- Ground water table is shown as 0.08m to 10.48m which needs justification as proposed depth is 07.5 meters (see point 35-11).
4. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
5. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
6. In point no. 17- provide relevant information for solid waste generation/management.
7. In point no. 18.1- Why impact predictions are not tabulated.
8. In point no. 19- No power supply, please justify the statement.
9. In point no. 26- Land yet to be acquired 2.00 ha, please justify the statement.
10. In point no. 32- why detailed green belt plan is not attached.
11. In point no.32- Number of existing trees mentioned as 500. Please provide inventory and their photographic evidences.
12. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that part of lease still has unbroken area.
13. In point no. 35(12) – Please justify that lease of 2.00 ha will have void of 2.00 ha.
14. Properly address following issues raised during public hearing with plan/proposal:
 - Provision of Silent Blasting.

- Tree plantation at public places and in school premises with adequate protection measures.
 - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
 - Arrangement of drinking water.
 - Mine water for irrigation purposes.
 - Provision of water sprinklers for dust suppression.
 - Provision of Curtain wall for dust suppression.
 - Protection and safety of wildlife animals in consultation with DFO.
15. Proposal of boundary wall through OB.
 16. Comprehensive mitigation plan as the maximum value of PM10 is beyond the prescribed limits.
 17. Copy of valid CTO issued by MP Pollution Control Board.
 18. Commitment that crusher will not be installed within the lease.
 19. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
 20. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
 21. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
 22. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
 23. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land along the Kshipra & Chambal River bank.
 24. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
 25. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
 26. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 30/8/21 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP has submitted MoEF&CC compliance report vide letter no. 581 dated 24.08.2021 of the earlier EC conditions duly verified by competent authority and revised details of form-II. The EC compliance report and EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 53,236 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.64 Lakh as capital and Rs. 2.30 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2400 trees shall be planted within 03 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. As proposed fruit bearing Plants shall be distributed to the local villagers in the first year.
5. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

2. Case No 7376/2020 Shri Sachin Patni S/o Shri Prakash Chandra Patni, Chota Bazar, Unhel, Tehsil - Nagda, Dist. Ujjain, MP - 456221 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (115760 cum per annum) (Khasra No. 575/11), Village - Kundla, Tehsil - Nagda, Dist. Ujjain (MP). EIA Consultant: M/s. In Situ Enviro Care, Bhopal.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 575/11), Village - Kundla, Tehsil - Nagda, Dist. Ujjain (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. 70 dated 23/6/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 16.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 448th SEAC dated 23/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 05/7/21 which was forwarded through SEIAA vide letter no. 1406 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation, PP submitted that there are 02 more mines operating or proposed within 500 meters radius around this mine with total area of 16.0 ha., hence EIA and public hearing is conducted after obtaining TOR. During presentation and appraisal of the case, it was observed that this is an old working mine seeking expansion from 40,000 cum./annum to 1,15,760cum./annum for Stone. During appraisal it was observed by the committee that PP has not submitted compliance report of the earlier EC conditions duly verified by competent authority and there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. 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. 06 “Details of TOR/EC” are not provided.
3. In point no. 09 - inappropriate/misleading information is attached.
4. In point no.14.6- Ground water table is shown as 0.08m to 10.48m which needs justification as proposed depth is 26 meters (see point 35-11).
5. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
6. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
7. In point no. 17- provide relevant information for solid waste generation/management. Top soil cannot be categorized as solid waste.
8. In point no. 18.1- Why impact predictions are not tabulated.
9. In point no. 19- No power supply, please justify the statement.
10. In point no. 26- Land yet to be acquired 4.00 ha, please justify the statement.
11. In point no. 32- why detailed green belt plan is not attached.
12. In point no. 32- Number of existing trees mentioned as 2000. Please provide inventory and their photographic evidences.
13. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that part of lease still has unbroken area.
14. In point no. 35(12) – Please justify that lease of 4.00 ha will have void of 4.00 ha.

15. Properly address following issues raised during public hearing with plan/proposal:
 - Provision of Silent Blasting.
 - Tree plantation at public places and in school premises with adequate protection measures.
 - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
 - Arrangement of drinking water.
 - Mine water for irrigation purposes.
 - Provision of water sprinklers for dust suppression.
 - Provision of Curtain wall for dust suppression.
 - Protection and safety of wildlife animals in consultation with DFO.
16. Proposal of boundary wall through OB.
17. Comprehensive mitigation plan as the maximum value of PM10 is beyond the prescribed limits.
18. Copy of valid CTO issued by MP Pollution Control Board.
19. Commitment that crusher will not be installed within the lease.
20. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
21. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
22. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
23. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
24. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land along the Kshipra & Chambal River.

25. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
26. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
27. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 30/8/21 submitted query reply hard copy as well as on Ministry’s Parivesh Portal. PP has submitted MoEF&CC compliance report vide letter no. 584 dated 24.08.2021 of the earlier EC conditions duly verified by competent authority and revised details of form-II . The EC compliance report , EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production as per approved mine plan with quantity not exceeding for Stone 1,15,760 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 21.85 Lakh as capital and Rs. 2.86 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4800 trees shall be planted within 03 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. As proposed fruit bearing Plants shall be distributed to the local villagers in the first year of their choice.
5. All plantations in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers.

3. Case No 7375/2020 Shri Ashvin Maru S/o Shri Satish Maru, Chhota Bazar, Unhel, Tehsil - Nagda, Dist. Ujjain, MP - 456221 Prior Environment Clearance for Expansion in Basalt Stone Quarry in an area of 8.0 ha. (Stone – 2,48,993 cum per annum, Murrum – 25,610 cum per annum) (Khasra No. 574), Village - Kundla, Tehsil - Nagda Taluka, Dist. Ujjain (MP) . EIA Consultant: M/s. In Situ Enviro Care, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 574), Village - Kundla, Tehsil - Nagda

Taluka, Dist. Ujjain (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 2206 dated 09/10/2017 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 16.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 448th SEAC dated 23/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 28/6/21 which was forwarded through SEIAA vide letter no. 1358 dated 05/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation, PP submitted that there are 02 more mines operating or proposed within 500 meters radius around this mine with total area of 16.0 ha. Hence, EIA and public hearing is conducted after obtaining TOR. During presentation and appraisal of the case, it was observed that this is an old working mine seeking expansion from 98,800 cum./annum to 2,48,993 cum./annum for Basalt Stone and change in quantity of Murrum from 1,19,000 cum./annum to 25,610 cum per annum. During appraisal it was observed by the committee that PP has not submitted compliance report of the earlier EC conditions duly verified by competent authority and there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. 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. 06 "Details of TOR/EC" are not provided.
2. In point no. 09 "Quantity of Murrum" is wrongly mentioned.
3. In point no. 09 - inappropriate/misleading information is attached.
4. In point no.14.6- Ground water table is shown as 0.08m to 10.48m which needs justification as proposed depth is 17 meters (see point 35-11).
5. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
6. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be "Zero".

7. In point no. 17- provide relevant information for solid waste generation/management.
8. In point no. 18.1- Why impact predictions are not tabulated.
9. In point no. 19- No power supply, please justify the statement.
10. In point no. 26- Land yet to be acquired 8.00 ha, please justify the statement.
11. In point no. 32- why detailed green belt plan is not attached.
12. In point no. 32- Number of existing trees mentioned as 5000. Please provide inventory and their photographic evidences.
13. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that part of lease still has unbroken area.
14. In point no. 35(12) – Please justify that lease of 8.00 ha will have void of 8.00 ha.
15. Properly address following issues raised during public hearing with plan/proposal:
 - Provision of Silent Blasting.
 - Tree plantation at public places and in school premises with adequate protection measures.
 - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
 - Arrangement of drinking water.
 - Mine water for irrigation purposes.
 - Provision of water sprinklers for dust suppression.
 - Provision of Curtain wall for dust suppression.
 - Protection and safety of wildlife animals in consultation with DFO.
16. Proposal of boundary wall through OB.
17. Comprehensive mitigation plan as the maximum value of PM10 is beyond the prescribed limits.
18. Justification of very high values of heavy metals (particularly Zn) has reported in water quality.
19. Copy of valid CTO issued by MP Pollution Control Board.
20. Commitment that crusher will not be installed within the lease.

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

PP vide their letter dated 30/8/21 submitted query reply hard copy as well as on Ministry’s Parivesh Portal. PP has submitted MoEF&CC compliance report vide letter no. 585 dated 24.08.2021 of the earlier EC conditions duly verified by competent authority and revised details of form-II. The EC compliance report , EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production as per approved mine plan with quantity not exceeding for Stone 2,48,993 cum per annum and Murum – 25,610 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 41.21 Lakh as capital and Rs. 7.55 Lakh/year as recurring has proposed by PP.
 3. As proposed, a minimum of 10,000 trees shall be planted within 03 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
 4. As proposed fruit bearing Plants shall be distributed to the local villagers in the first year of their choice.
 5. All plantation in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers.
4. **Case No 7373/2020 Shri Ashvin Maru S/o Shri Satish Maru, Chhota Bazar, Unhel, Tehsil - Nagda, Dist. Ujjain, MP - 456221 Prior Environment Clearance for Expansion of Stone Quarry in an area of 4.0 ha. (20,000 cum per annum to 1,01809 cum per annum) (Khasra No. 575/11), Village - Kundla, Tehsil - Nagda Taluka, Dist. Ujjain (MP). EIA Consultant: M/s. In Situ Enviro Care, Bhopal.**

This is case of Expansion of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 575/11), Village - Kundla, Tehsil - Nagda Taluka, Dist. Ujjain (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 (Ekal Praman-Patr) letter no. 714 dated 23/6/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 16.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 448th SEAC dated 23/07/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 29/6/21 which was forwarded through SEIAA vide letter no. 1356 dated 05/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation, PP submitted that there are 02 more mines operating or proposed within 500 meters radius around this mine with total area of 16.0 ha. Hence, EIA and public hearing is conducted after obtaining TOR. During presentation and appraisal of the case, it was

observed that this is an old working mine seeking expansion from 20,000 cum per annum to 1,01,809 cum per annum for stone.

During appraisal it was observed by the committee that PP has not submitted compliance report of the earlier EC conditions duly verified by competent authority and there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. 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. 06 “Details of TOR/EC” are not provided.
2. In point no. 09 - inappropriate/misleading information is attached.
3. In point no.14.6- Ground water table is shown as 0.08m to 10.48m which needs justification as proposed depth is 26 meters (see point 35-11).
4. In point no.15- in place of permission for GW withdrawal, lease sanction letter is attached.
5. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
6. In point no. 17- provide relevant information for solid waste generation/management. How top soil can be backfilled?
7. In point no. 19- No power supply, please justify the statement.
8. In point no. 26- Land yet to be acquired 4.00 ha, please justify the statement.
9. In point no. 32- why detailed green belt plan is not attached.
10. In point no. 32- Number of existing trees “Zero”, please justify.
11. In point no. 35 (10)- No top soil, please justify as it is appear from the google image that part of lease still has unbroken area.
12. In point no. 35(12) – Please justify that lease of 4.00 ha will have void of 4.00 ha.
13. Properly address following issues raised during public hearing with plan/proposal:
 - Provision of Silent Blasting.
 - Tree plantation at public places and in school premises with adequate protection measures.
 - Fruit bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages
 - Arrangement of drinking water.
 - Mine water for irrigation purposes.
 - Provision of water sprinklers for dust suppression.

- Provision of Curtain wall for dust suppression.
 - Protection and safety of wildlife animals in consultation with DFO.
14. Proposal of boundary wall through OB.
 15. Comprehensive mitigation plan as the maximum value of PM10 is beyond the prescribed limits.
 16. Justification of vary high values of heavy metals in reported water quality.
 17. Copy of valid CTO issued by MP Pollution Control Board.
 18. Commitment that crusher will not be installed within the lease.
 19. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
 20. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
 21. Commitment that mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be proposed in the EMP.
 22. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
 23. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land along the Kshipra & Chambal River.
 24. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
 25. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
 26. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 30/8/21 submitted query reply hard copy as well as on Ministry’s Parivesh Portal. PP has submitted MoEF&CC compliance report vide letter no. 583 dated 24.08.2021 of the earlier EC conditions duly verified by competent authority and revised details of form-II. The EC compliance report , EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence

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

1. Production as per approved mine plan with quantity not exceeding for Stone 1,01,809 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 27.78 Lakh as capital and Rs. 3.36 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4800 trees shall be planted within 03 years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. As proposed fruit bearing Plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.

16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)

- c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 33. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
 34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘B’

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.

6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
34. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.

9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.

24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”.
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner’s Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
29. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
30. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
31. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.

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

24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 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 by CCF, Social Forestry Circle, Gwalior or any other competent agencies.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ Proposal for plantation in adjoining forest land through concerned DFO.

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

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