

The 512th meeting of the State Expert Appraisal Committee (SEAC) was held on 07th September, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. Following members attended the meeting in person or through video conferencing –

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

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

1. Case No 8629/2021 Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Sehore, MP Prior Environment Clearance for Kanyakhedi Medium Irrigation Project at Village - Haranyagaon, Tehsil - Jawar, Dist. Sehore, (MP). Cultivable Command Area - 2400 ha. Spread over 7 villages in Jawar tehsil of Sehore District , GCA- 3500 ha , Catchment Area- 107.69 Sq km , Dam Height – 17.69 Meter,Dam length -1770 Meter. Project Catogory- 1(c) River Valley Project. Env. Con. M/s. R.S. Envirolink Technologies Pvt. Ltd., Gurgaon.

This is case of Prior Environment Clearance for Kanyakhedi Medium Irrigation Project at Village - Haranyagaon, Tehsil - Jawar, Dist. Sehore, (MP). Kanyakhedi irrigation project proposes to construct an 17.69 m high dam across Dudhi river, a tributary of Newaj river; to store water during monsoon and to serve a command area of 2,400 ha (CCA) . The application was forwarded by SEIAA to SEAC for appraisal. The project requires prior EC before commencement of any activity at site under category 1(c).

The case was presented by the Mr. Ravindra S. Bhatiya, Env., Consultant from M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon along with PP's Shri P.K. Sharma, Chief Engineer and Ms. Priyanka Bhandari (EE) from Water Resources Department with the following details of the project:

- The proposed Kanyakhedi Irrigation Project is planned to irrigate a total 2,400 ha of Culturable Command Area (CCA) in Jawar tehsil of Sehore District. As per

Environment Impact Assessment (EIA) Notification of September 2006 and subsequent amendments, Medium irrigation projects having CCA of greater than 2000 ha and less than 10000 ha are considered as category B2 projects; to be appraised at State level for environment clearance and are required to prepare EMP only (refer MOEF&CC notification SO 3977 (E) dated August 14, 2018). Therefore, Kanyakhedi Irrigation Project, a category B2 project, is to be appraised by State Expert Appraisal Committee (SEAC) of Madhya Pradesh for Environment Clearance.

- Kanyakhedi Irrigation project has been planned to cater to the drinking and irrigation water requirement of Jawar tehsil of Sehore District, which are declared drought prone areas due to acute shortage of surface and ground water sources.
- The project proposes to construct a 17.69 m high dam across Dudhi River near Haranyagaon village to create 14.96 MCM of gross storage of water for drinking and irrigation. It will serve a command of 2,400 ha (CCA) spread over 7 villages in Jawar tehsil of Sehore District. Water will be supplied by lifting from reservoir to distribution chamber through a 0.5 Km long Rising Main and thereafter it will be distributed in command by 2 Gravity Mains of 3 km and 1 km.
- The project will supply drinking and irrigation water to drought prone area in Jawar tehsil of Sehore District. It envisages construction of a 1770 m long and 17.69 m high dam across Dudhi river, to create live storage capacity of 11.68 MCM out of which 8.68 MCM will be utilized for irrigation scheme and 3.00 MCM for drinking water. The project will be implemented and operated by Water Resources Department, Madhya Pradesh.
- The project involves construction of a dam across Dudhi river, to create gross storage capacity of 14.96 MCM and live storage of 11.68 MCM.
- Proposed dam is 1770 m long Dam with a maximum height of 17.69 m.
- Water will be lifted through a rising main of 0.5 km up to DC and then distributed by two gravity mains of 3 km and 1 km long.
- 8.68 MCM of water will be lifted in this scheme during Rabi season only
- Water shall be delivered upto 1 ha chak, beyond which cultivators shall connect their own line and sprinkler system.
- Total land requirement of 374.809 ha constitutes of: government land: 51.709 ha & private land: 323.100 ha..
- No forest land shall be required for the project.
- A total of 4 villages of Jawar tehsil will be affected, out of which one village will involve displacement of families.
- Total 81 households comprising 141 families of Keshopur village will be displaced requiring resettlement.

- Families of other 3 villages will be losing their land due to submergence.

PP further submitted that no Schedule I species was found in the project area and also no forest land is involved. Bing dam, R&R is proposed hence provision for PAF's is being made as per "RFCT-LARR Act, 2013 and Collector Sehore has been identify/demarcated land at village Kanyakhedi for proposed R&R plan. Committee further observed that there are mistakes in the form-II submitted by PP and mismatch of data provided in PFR and Form-II (such as submergence, Land details govt/private, dam height etc). Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In point no. 14.2 – T.S.S. maximum limit showed as "Zero", please justify.
2. In point no. 35 (7) – being proposed dam why no CAT plan is attached, please justify. The CAT plan shall be prepared in consultation with agricultural department and promote Agro forestry including katang bamboo plantation in consultation with concerned farmers.
3. Data provided in PFR and Form-II (such as submergence, Land details govt/private, dam height etc) is not matching hence correct data shall be provided.
4. Under R&R plan PAF's data has been changed; please provide correct status and details of present status of R&R activity with proposed layout and details of allotted land.
5. Name of villages with details which will be fully submerged and partially submerged.
6. Detailed muck management plan considering machinery deployment, movement of trucks and cumulative effect on nearby environment.
7. Leakage detection plan and plan for protection against corrosion for MS pipes.
8. For Biodiversity Conservation Plan, PP shall allocate optimum funds to DFO or PP shall identify local college if land available for development Biodiversity Conservation.
9. PP should refer District Forest Working Plan for conservation and protection of local flora and fauna.

10. PP shall identify land for proposed grazing land development in the nearby degraded forest area with the consultation of local DFO and provide required funds to concerned.
11. Worst case scenario w.r.t. to settlements (such as village Haranyagaon) on the downstream of dam in case of dam collapse should be submitted.
12. Under CER scheme with physical targets:
 - ✓ Explore the possibility of providing water through tube well with solar pump to Kheoni Wild Life Sanctuary in consultation with concerned DFO and commensurate budgetary allocations shall be proposed in CER.
 - ✓ Commitment with budgetary allocations 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.
 - ✓ 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, Skill development for using Katang Bamboo as raw material, Distribution of fruit bearing species etc., in concerned village shall be proposed.
 - ✓ 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.
13. Under Plantation Scheme with budgetary allocations:
 - ✓ Total 650 trees are coming under submergence in the proposed project thus PP shall submit their inventory with girth details and compensatory plantation scheme along with comprehensive Green Belt Development plan for native plant species (such as Katang Bamboo, Sagone, Khamer etc) with details such as name & number of proposed species and area allocated for plantation.
 - ✓ PP's commitment and proposal regarding sowing of medicinal plants (herbs & shrubs species like Ashwagandha, Kalmegh etc.) over the soil of pipelines not passing through the agricultural field.

- ✓ 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 for development of Biodiversity rich area comprising of local forest species including trees, herbs, shrubs and climbers shall be carried out preferably through forest department and its regular monitoring through M. P. Bio Diversity Board.

2. Case No. - 6480/2019 M/s. Vindhyachal Distilleries Pvt. Ltd, E-2/34, Arera Colony, Dist. Bhopal, (M.P.) – 462016. Prior Environment Clearance for Capacity Expansion of Grain Based Distillery from 25 KLD to 50 KLD through modification by installing a certain machineries alongwith Cogeneration Power Plant of 1.1 MW ha. in at Khasra no. – 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/42, 179/48, 179/49 & 179/50. Village - Pilukhedi, Tehsil-Narsinghgarh, Dist. -Rajgarh, (M.P.). Category: 5(g) Distilleries Projedct. Env. Con. – Creative Enviro Services, Bhopal (MP.).

This is a case of Capacity Expansion of Grain Based Distillery from 25 KLD to 50 KLD through modification by installing certain machineries along with Cogeneration Power Plant of 1.1 MW ha. in at Khasra no. – 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/42, 179/48, 179/49 & 179/50. Village - Pilukhedi, Tehsil - Narsinghgarh, Dist. - Rajgarh, (M.P.), Category: 5(g).

The project is covered as item 5(g) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The TOR was presented and recommended in the 396th SEAC meeting dated 30.10.2019. Also revised TOR 441st SEAC meeting dated 15/06/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 06.02.2021 which was forwarded through SEIAA vide letter no. 6563 dated 18.02.2021, which was placed before the committee.

Accordingly , EC was recommended in 484 SEAC meeting dated 24-02-21 for Capacity Expansion from 25 KLD to 50 KLD of Grain Base Distillery unit at khasra no Khasra No. 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 and 179/50 Pilukhedi, Narsingarh Madhya Pradesh 465667 of M/s. Vindhyanchal Distillery Pvt

Limited Bhopal (MP) subject to the prescribed special conditions and then SEIAA has also granted EC in the 664th SEIAA meeting dated 05-03-21. EC issued vide letter no. 7695-96/SEIAA/21 dated 25-03-21.

PP vide letter 09th July 2021 requested to amendment in EC in the prescribed Form-4, for “Capacity expansion of grain based distillery from 25 KLD to 50 KLD through modification/up gradation along with co-generation power plant of 1.1 MW of either rectified spirit (RS) or Fuel Ethanol (once at a time) at a village Pilukhedi, Narsingharh, Distt. Rajgarh MP by M/s. Vindhyanchal Distillery Pvt Limited Bhopal (MP)”, in the light of recent MoEF&CC Notification S.O. 2339(E). dated 16th June, 2021. Further, PP gave his commitment that either Rectified Spirit (RS) or Fuel Ethanol once at a time will be produced and limit of 50 KLD will not be crossed at any point of time. The plant will be grain based and proposed with Zero Effluent Discharge System.

The case was presented by the consultant Mr. Umesh Mishra, M/s Creative Enviro Services, Bhopal (MP.) along with PP Mr. Sandeep Khanna wherein Following points were submitted by PP:

- Considering the present scenario, we would like add product Fuel ethanol in the issued EC as no change is required in process for production of fuel ethanol and the production will be within the threshold limit.
- We humbly request you kindly amend the EC in following manner:

“Prior environment clearance for Capacity expansion of grain based distillery from 25 KLD to 50KLD (for production of either RS/ENA or Fuel Ethanol- one at a time) through modification and installing certain machineries along with Cogeneration Power Plant of 1.1 MW at plot no 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 village Pilukhedi on land area 18,110 sq mt proposes capacity : 25 KLD to 50 KLD by M/s Vindhyanchal Distilleries Pvt. Limited at village Pilukhedi, Tehsill- Narsingharh, Dist Rajgarh (MP)”.

PP further submitted that –

- No change in water consumption, steam consumption, waste water generation, solid and hazardous waste generation is envisaged w.r.t. EC amendment.
- The overall proposed production capacity after amendment in EC will be 50 KLD which is within the threshold capacity as mentioned in the EC.

- The changes in the production profile as mentioned above shall be done by removing moisture for from 95.6 % to 99.5%.
- It is confirmed that there is no change in the steam requirement (180 TPD) vis-à-vis in fuel consumption (coal 40 TPD) of the boiler (14 TPH) for the amended EC. Thus, it is expected that there would not be any increase in the steam requirements which means that the fuel requirements.
- The quantity of water requirement 50 KLD Either ENA or Fuel Ethanol will remain same i.e. 411 KLD after reuse and recycling.
- The quantity of spent wash for existing and proposed scenario will remain same i.e. 290 KLD. The generated waste water will be treated in MEE and Dryer and the project is/will remain zero liquid discharge. The treatment system is/will be as below :

Decantation Section

- During operation, grain slops will be taken through Centrifuge Decanters for separation of suspended solids. Spent wash (290 M³ per day) will pass through centrifuge decanter for separation of solid. The part of thin slope (44 M³ per day) from centrifuge will be recycled to process. The remaining slop will be concentrated through multi effect evaporator.
- Centrifuge Decanter is used for separation of suspended solid from the spent wash coming out of the distillation plant.
- Wet cake has 30-35% w/w solids as removed from the bottom of the Decanter.
- Thin slops coming out from decanter will be collected in a tank & transferred for the partial recycling & remaining for Evaporation.
- 45 m³ per day Lees will be recycled back for fermentation process.

Evaporation Section

- The existing treatment scheme is a Multi Effect Evaporator for Thin Slops Evaporation. The following points will elucidate the basic working principal:
- Shell & Tube type Evaporators with highly efficient liquid distributor working on the principal of Falling Film Evaporation.
- PRC vapors are fed to the 1st effect evaporator shell side at the given pressure & temperature as the heating medium.
- The Feed is fed from the top of the 1st effect evaporator which is Falling Film Evaporator-1

- The Total Solid will be obtained at the outlet of the 3rd effect evaporator. A shell & tube type multi pass surface condenser is employed for condensing the shell side vapors.
- 45 m3 per day Lees will be recycle back for fermentation process.

After presentation committee asked PP to submit response on following issues for further consideration of the project–

- PP shall be submit technical justification that with the proposed amendment there will be no increase in pollution load.
- PP's commitment no activity so far has been taken place for expansion from 25KLD to 50 KLD for which EC expansion was obtained by PP.
- How this fuel ethanol will be sold.
- Justify how reduction in moisture from 97.6% to 99.5 % will be achieved and utilization of excess condensate?
- Copy of valid CTE/CTO obtained from M.P. Pollution Control Board.

PP has submitted the reply vide letter no. VDPL/BPL/260/0280 dated 07/09/21 which was placed before the committee which was found satisfactory & acceptable. Thus committee after deliberation recommends the case for amendment in prior environment clearance issued to M/s Vinhdyanchal Distilleries Pvt. Limited, Tehsill- Narsingharh, Dist Rajgarh (MP)" for capacity expansion of grain based distillery from 25 KLD to 50KLD for production of either RS/ENA or Fuel Ethanol (one product at a time either RS/ENA or Fuel Ethanol) through modification by installing certain machineries along with Cogeneration Power Plant of 1.1 MW over land area of 18110 sq meter at plot no 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 village Pilukhedi Tehsill- Narsingharh Dist Rajgarh (MP). Other conditions issued for EC expansion shall remain the same.

3. Case No 8632/2021 Shri Dinesh Chandra Mangal S/o Shri Ramniwas Mangal, Kamla Nagar, D-155, A-Subhash Nagar, Dist. Agra, UP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (35002 cum per annum) (Khasra No. 183/1, 183/2), Village - Badaura Kalan, 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. 183/1, 183/2), Village - Badaura Kalan, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2093 dated 05/7/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.250 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP, the proposed lease is triangulated in shape and one co-ordinate is falling on the existing road on eastern side. This existing road is a shortest connecting road for two villages located on the southern and northern side of the lease. Further it was also observed through Google image that the allotted lease area is mined out from the southern side which can be verified from the previous Google image of February 2019 without obtaining EC indicates violation of EIA Notification, 2006. Committee after deliberation recommends that under above circumstances (indicating environmental sensitivity where proposed lease area is already mined out and adjacent to the village road), this case cannot be considered for grant of EC.

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

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

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

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

5. Case No 8620/2021 Shri Avinash Singh Vaish S/o Shri Mayaram Vaish, R/o, 1196, Vijaynagar, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Murrum Quarry in an area of 2.450 ha. (15000 cum per annum) (Govt. Khasra No. 181/1 Part), Village - Ghutna, Tehsil - Sihora, Dist. Jabalpur (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Govt. Khasra No. 181/1 Part), Village - Ghutna, Tehsil - Sihora, Dist. Jabalpur (MP) 2.450 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2245 dated 20/1/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP that the QL area is surrounded by pucca road from three sides and from northern side QL area is crossing by kachha road. Moreover one HT line pole and some houses are in existence within the lease in the south- east corner for which no reply factual proofs were provided by the PP. It was further observed by committee that human settlements at about 100 m in the SE side also exist. Hence, w.r.t. NGT order dated 21.07.2019 area where blasting is not proposed, minimum distance of 100 m is to be maintained from the residential house /settlement and safe zone (50 meters) to be left due to pucca road, no effective minable area will be available and thus considering above facts committee after deliberation recommends that under such circumstances this case cannot be considered for grant of EC.

6. Case No 8630/2021 M/s Gawar Construction Ltd, Authorized Signatory, Shri Parveen Kumar Rawal, DSS 378, Sector - 16-17, Dist. Hisar, Haryana Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (1,25,000 cum per annum) (Khasra No. 550/1/1, 550/2, 567/1, 567/2), Village - Nogawan, Tehsil - Ujjain, Dist. Ujjain (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 550/1/1, 550/2, 567/1, 567/2), Village - Nogawan, Tehsil - Ujjain, Dist. Ujjain (MP) 1.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Env. Consultant, on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 769 dated 03/8/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this lease was obtained under temporary permit (TP) with two years validity. The TP was granted for making Dewas- Indore highways. It was also observed that the lease is partially excavated in the eastern side PP stated that the excavated lease was sanctioned to another PP as TP. The depth of pit is 06 m and the excavated volume has been deducted in the mining plan and shown on surface map. During presentation it was observed by the committee that as per Google image based on coordinates provided by within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Railway Line	260	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards this side.
Pucca Road	75 & 415	Sout- West & North-east	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

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

1. PP's commitment that, entire plantation of 2500 trees shall be planted within one year in the barrier zone, evacuation road, and village as per the submitted plantation scheme.
2. 1000 trees shall be distributed to the local villagers in the first year and first-aid box in the school at Nogawan village.
3. Revised EMP with budget of additional nos. of plantation.

PP has submitted the response of above quarries same date vide letter dated 07/09/2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,25,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.19.70 Lakh as capital and Rs. 07.77 Lakh/year and under CSR Rs. 02.0 Lakh has proposed.
3. As proposed, a minimum of 2500 trees shall be planted within one year in the barrier zone, evacuation road and village as per the submitted plantation scheme.
4. 1000 plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

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

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

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

8. **Case No. - 5751/2018 M/s. Macker Real Ventures, 501, 5th Floor, Ashima Corporate Zone, Ashima Mall, Hoshangabad Road, Bhopal, (M.P.) – 462026. Prior Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16,700 sqm., Built up Area = 28,451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project. (Violation).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm., Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Cat. 8(a) Building and Construction Projects. The project requires prior EC before commencement of any activity at site.

Till date the Chronology of the project:

Earlier this case was scheduled in 331st SEAC meeting dated 25/10/2018, wherein ToR (For Violation) has been recommended

PP has submitted the EIA report vide letter dated 15/03/2019 which was forwarded through SEIAA vide letter no. 2856 dated 30/03/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 361st SEAC meeting dated 12/04/2019 with its remediation plan and the natural and community resource augmentation plan, wherein committee asked PP to revise the remediation's plan and natural community resource augmentation plan.

For more detailed information, kindly refer the minutes of 361st SEAC meeting dated 12/04/2019.

This case was scheduled for the presentation and discussion in 397th SEAC meeting dated 03/10/2019 of revised remediation's plan and natural community resource augmentation plan as suggested by committee in 361st SEAC meeting dated 12/04/2019, however, it was observed by the committee that the PP has submitted the request letter vide dated 30/09/2019 stating that due to some unavoidable condition he wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee accepted the request made by PP and decided to call the PP in subsequent meetings.

In the SEAC 399th meeting dated 31.10.2019 the case was scheduled for presentation, PP has presented incorporating revised remediation plan and natural community resource augmentation plan wherein PP has proposed Rs. 121.00 Lakhs in the EMP as capital cost and recurring cost is Rs. 8.17 Lakhs /Year. Also, Rs. 13.55 Lakhs is proposed as remediation cost for this project. PP M/s. Macker Real Ventures "Silver Estate Vertica", has proposed to submit bank guarantee of INR Rs. 13.55 Lakhs towards Remediation Plan. Committee after considering the reply recommends that PP may be asked to deposit the bank gurantee (BG) with three years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16,700 sqm., Built up Area = 28,451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project, subject to the prescribed special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board, with additional conditions.

Thus, as above, PP has proposed Rs. 121.00 Lakhs in the EMP as capital cost and recurring cost is Rs. 8.17 Lakhs /Year. Also, Rs. 13.55 Lakhs is proposed as remediation cost for this project. PP M/s. Macker Real Ventures "Silver Estate Vertica", has proposed to submit bank guarantee of INR Rs. 13.55 Lakhs towards Remediation Plan. Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

Vide SEIAA's letter no. 1682/SEIAA/21 dated 17.08.2021, forwarded case file to SEAC with information submitted by PP and Regional office, MoEF&CC examination in the light of MoEF&CC Notification S.O no. 1030, dated 08.03.2018.

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

Discussion on Query Reply submitted by PP

9. **Case No 8595/2021 M/s Vista Sales Pvt. Ltd, Authorized Person, Shri Mahesh Kumar Verma, Near Takshshila School, 98, Rachna Nagar, Paras Apartment, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 3.880 ha. (29100 cum per annum) (Khasra No. 1), Village - Khirwa, Tehsil - Vijayraghavgarh, Dist. Katni (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Khirwa, Tehsil - Vijayraghavgarh,

Dist. Katni (MP) 3.880 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 508th SEAC meeting dated 11-08-21. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 3297 dated 07/11/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that part of the lease area is submerged in water for which PP submitted that sand will be evacuated only from the dry area as per the sand mining guidelines issued by the MoEF&CC. Committee after deliberation decided that PP shall submit revised production plan leaving submerged area as non mining area. After presentation committee asked PP to submit response on following issues including incomplete information provided in From-II, such as:

1. In point no. 17: Quantity of solid waste generated and its proposed disposal plan.
2. In point no. 35(10): Justify 0.5 million ton of top soil.
3. Revised risk assessment plan.
4. Detailed location specific green belt plan (remove ashwagandha) as the same is missing in submitted form-1.
5. Proposal for planting Khas slips, Nagarmotha, Katang Bamboo on the river banks to prevent soil erosion.
6. Commitment that no evacuation will be carried out through village/school area.
7. Revised EMP as suggested by committee.
8. Revised CER with physical targets as suggested by committee.
9. Pipe lines are proposed to fulfill water requirement, PP will submit a commitment that water will not be taken from the river and provide detailed plan to meet water requirement.

PP vide their letter dated 11/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. Committee observed that even after deducting the volume of sand in the non- mining area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. Further as suggested by committee Pp has submitted commitment that 1000 plants will be planted on the river bank vide letter

dated 07/09/21. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production as per approved mine plan with quantity not exceeding for Sand 29,100 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 32.99 Lakh as capital and Rs. 5.74 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 5000 trees/herb/shrubs shall be planted within 01 years in barrier zone, river bank, evacuation road and distributed to villagers through Gram Panchayat as per the submitted plantation scheme.
4. All plantation which will be distributed to the villagers through Gram Panchayat shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

10. Case No 8563/2021 M/s Om Sai Minerals, Village - Baghari, Post - Hinouta, Tehsil - Chandla, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.202 ha. (20,000 cum per annum) (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP) 2.202 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 505th SEAC meeting dated 24.07.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per MO letter No.1808 dated 07/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP some trees are in existence within lease. A habitation is located at a distance of about 155 m in the north side. River is flowing in the South East - South west side of the lease at a distance of >280 m. PP submitted that about 08 trees are existed and no tree felling is proposed and tree occupied area shall be dealt as non- mining area. Committee after deliberation decided that in the

light of NGT order vide O.A. no.304/2019 dated 21.072020 if blasting involved minimum distance of 200 m is to be left from residential/ public building, inhabitants. Hence PP shall lease 45 meters setback within lease and submit revised surface & production map. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation)- Tube well has mentioned .
3. In point no.17-Solid Waste Generation/Management- Zero figure (0) has mentioned .
4. In point no.22- Land Requirement for Various Activities- not clears.
5. Revised surface and production map showing 45 meters set back w.r.t. habitation (155 m) and area occupied by tree area as non- mining area.
6. PP's commitment that no tree felling is proposed.
7. Revised plantation species remove Khirni from the proposed plantation list and proposed as suggested by the committee.
8. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
9. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).

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

PP vide their letter dated 11/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. The case was scheduled for the presentation in 510th SEAC meeting dated 25/08/21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was again scheduled for presentation wherein it was observed that the PP submitted commitment that 2400 sq.m., area shall be non- mining area in the north side of the lease area where 08 trees are existed and these trees shall not be up-rooted. PP further vide letter dated 07/09/21 submitted commitment that 800 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.55 Lakh as capital and Rs. 5.55 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 3000 trees shall be planted within three years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. Within lease, 2650 sq.m. area shall be left as non- mining area due to existence of 08 trees and these trees shall not be up-rooted.
5. 1000 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

The case was presented by PP and their Consultant in the SEAC 507th meeting dated 10.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 880 dated 11/6/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.957 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a kachha road is in existence at a distance of 40 meters in the southern side and storm water drains is originating near the lease for which PP submitted that they have proposal for garland drains followed by settling tanks and during rainy season only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13.1, 15, 16, 16.1, 17, 22, 27, 35(10) details are wrongly mentioned, please revise.
2. How PP will ensure continuous water supply in the toilets proposed for workers.
3. Details of proposed garland drains and settling tanks.
4. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)

- ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
- ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
- ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

5. Under Plantation Scheme with budgetary allocations:

- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.
- ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

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

1. Production as per approved mine plan with quantity not exceeding for Stone 20,001 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 24.56 Lakh as capital and Rs. 5.73 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2000 trees shall be planted within three years in barrier zone, evacuation road and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. 1000 plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers.

12. Case No 8594/2021 M/s Beohari Bansukli Pathway Pvt. Ltd, Plot No. 02, New M.P. M.L.A. Colony, Jawahar Chowk, Dist. Bhopal, MP Prior Environment Clearance for Stone & Murrum Quarry in an area of 1.619 ha. (Stone – 42,399 cum per annum, Murrum – 1,462 cum per annum) (Khasra No. 2143/2/kha), Village - Charhet, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP).

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2143/2/kha), Village - Charhet, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP) 1.619 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 507th meeting dated 10.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 825 dated 07/6/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.619 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a road is in existence on the northern side of lease and habitation at approx. 110 meters thus as per NGT order in case number 304/2019 dated 21/07/20, in case of mining where blasting is proposed, minimum 200 meters area is to be left from residential/public buildings/Inhibited sites, thus PP was asked to submit revised surface/production plan leaving 90 meters setback as non mining area from the habitations. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP

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

1. In point no. such as 15, 16, 16.1, 17, 27 details are wrongly mentioned, please revise.
2. Habitation at approx. 110 meters thus as per NGT order in case number 304/2019 dated 21/07/20, in case of mining where blasting is proposed, minimum 200 meters area is to be left from residential/public buildings/Inhibited sites, thus revised surface/production plan leaving 90 meters setback as non mining area from the habitations.
3. Alternate plantation area should be explored for plantation in nearby village/ on adjacent hillock as being basalt mining area is not very conducive for plantation.
4. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
5. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier

zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.

- ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 28/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. Wherein it was observed that the PP has submitted revised surface/production plan where leaving 90 meters setback as non mining area from the habitations. PP further vide letter dated 07/09/21 submitted commitment that 900 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 42,399 cum per annum and Murrum 1,462 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 11.73 Lakh as capital and Rs. 4.78 Lakh/year as recurring has proposed by PP.
3. Setback of 90 meters on the eastern side as non mining area shall be left within the lease from the habitations.
4. As proposed, a minimum of 2000 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.
5. 900 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

13. Case No 8578/2021 Shri Pankaj Singh S/o Shri Mansukh Lal Singh, Chankyapuri Colony, Hotel Pankaj, Dist. Satna, MP - 485001 Prior Environment Clearance for Murrum Quarry in an area of 1.620 ha. (20,000 cum per annum) (Khasra No. 325/2), Village - Matehna, Tehsil - Raghurajnagar, Dist. Satna (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 325/2), Village - Matehna, Tehsil - Raghurajnagar, Dist. Satna (MP) 1.620 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 508th meeting dated 11.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO , Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1446 dated 26/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that as per Google image based on coordinates provided by PP site from the northern and eastern side is surrounded by habitation for which PP submitted that it's a Murrum query where blasting is not proposed hence shall be considered for EC. Committee deliberated and recommends that in any case PP has to maintain 100 meters distance from the habitation as per NGT order dated 21/07/20. PP submitted that they will leave 50 meters area as setback (non mining zone) and the habitation is 50 meters away from the lease. Committee after deliberations asked PP to submit revised surface/production map showing 50 meters setback in the lease and maintaining minimum 100 meters distance from the habitations. Committee further observed that apart from habitations, natural drain (approx. 150 meters Southern side), River (approx. 550 meters Southern & southeastern side) and a water body (approx. 320 meters Eastern side). Committee also asked PP that the area which is proposed to be declared as non mining area due to habitations and in 7.5m barrier zone, dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" with the concern CCF (R&E Circle Bhopal) for which a commitment shall be submitted specifically mentioning that even after mining in over, plantation will be maintained. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13, 14.6, 15, 16, 16.1, 17, 27, 35(10) details are wrongly mentioned, please revise.
2. Committee that area which is proposed to be declared as non mining area due to habitations and in 7.5m barrier zone, dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" with the concern CCF (R&E Circle Bhopal) for which a commitment shall be submitted specifically mentioning that even after mining in over, plantation will be maintained.

3. Revised plantation species as suggested by committee (add Mango, Amla, Lemon, Munga)
5. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted). Quantification of furniture shall be proposed in CER.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
6. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.
 - ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 30/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP submitted that they will leave 50 meters area as setback inside the lease as non mining zone from the habitation being case of Murrum mining

wherein no blasting is proposed. PP further vide letter dated 07/09/21 submitted commitment that 500 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Murrum 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.40 Lakh as capital and Rs. 3.48 Lakh/year as recurring has proposed by PP.
3. Setback of 50 meters on the northern side as non mining area shall be left within the lease from the habitations.
4. As proposed, a minimum of 2500 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.
5. 500 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

The case was presented by PP and their Consultant in the SEAC 508th meeting dated 11.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 81 dated 12/4/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that as per Google image based on coordinates provided by PP a road

is in existence at a distance of 430 meters in the southern eastern side and water body on the northern side at a distance of 380 meters. PP submitted that garland drains and settling tanks are proposed and only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13.1, 14.5, 15, 16, 16.1, 27, 35(09) details are wrongly mentioned, please revise.
2. Permission letter to use ground water should be submitted by PP.
3. How PP will ensure continuous water supply in the toilets proposed for workers.
4. Details of proposed garland drains and settling tanks.
5. Revised plantation species as suggested by committee (remove Amaltas, Khirni, Guava and add Munga for villagers)
6. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
7. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

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

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

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

Discussion on Files received from SEIAA/Proposed for delisting

15. Case No. – 7795/2020 Shri Aniruddha Singh S/o Shri Vijay Singh, Village - Jyoraha, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Stone Quarry in an area of 1.969 ha. (100000 cum per annum) (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 1.969 Ha. The project requires prior EC before commencement of any activity at site.

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

The case was discussed in 677th SEIAA meeting dated 25/6/21 and it was recorded that.....

The case was discussed in 646th SEIAA meeting dtd. 28/11/20 and it was recorded that..

The case was recommended in 463rd SEAC meeting dtd. 01/10/2020 and it was recorded that.....

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 24m after 05 years. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'

PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail. After detailed discussion and perusal of recommendations of 463rd SEAC meeting 01/10/2020 presentation made by the PP in SEIAA it was observed that there are other mines exist in 500 m radius which is making cluster situation hence it was decided to seek clarification from Mining Officer, Chhatarpur about current status of other mines exist within 500 m of above said mine.

In view of above, clarification from Mining Officer, Chhatarpur is still awaited. Hence, it was decided to send letter to Collector, Chhatarpur seeking clarification about current status of other mines located within 500 m of proposed mine within 15 days for necessary action otherwise case will be delisted.

Since clarification from Mining Officer, Chhatarpur or PP is still awaited hence 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 the desired information on 09/02/2021 regarding the information of other mines within 500 m periphery of the proposed mine duly signed by the Mining Officer, Chhatarpur, The committee observed that the data is not clear in the letter of Mining Officer, Chhatarpur.

After detailed discussion, decided to relist the case and send a letter to Collector, Chhatarpur for site inspection to clarify the status of cluster of other sanctioned & operated mines exists within the 500 m periphery of the proposed mine and submit a report to MPSEIAA within 15 days.

The PP accordingly submitted the required information on 15/7/21 attached the copy of the letter of Collector, Distt. Chhatarpur regarding the clustering status of the proposed mine.

Thereafter, the case was discussed in details and it is observed that as per Google Image the proposed (Stone quarry) mine site situated along with the sanctioned Granite mine of 4.064 ha. are located within 500 m. on the same hill, which appears to be under the category of homogeneous mineral. This is a clear cut case of category B-1 Accordingly it was decided by the committee to revert the case to SEAC for further examination in consultation with Director, Geology & Mining and Collector, Chhatarpur.

The case was placed before the committee for discussion. Committee observed that SEAC has submitted its recommendations as per their 463rd meeting dated 04/10/20. It was further observed by the committee that PP has submitted online application (SIA/MP/MIN/173197/2020) as B2 case and same was accepted by authority and forwarded to SEAC for appraisal. SEAC appraised the case on the basis of information provided by the PP/ their RQP and submitted documentary evidences with the application. Thus committee after deliberations recommends that as per the decision of SEIAA communicated by letter no. 1729 dated 24/08/21, if it is a clear cut case of category B1, PP may be asked to reapply for grant of TOR accordingly in prescribed formats and case file may be sent to SEIAA.

16. Case No 7652/2020 Shri Khurshid Ahamad Qureshi, H.No. 203, Mission Chowk, Dist. katni, MP - 470001 Prior Environment Clearance for Stone Quarry in an area of 1.48 ha. (3,060 cum per annum) (Khasra No. 109, 111, 112, 115, 116/2), Village - Ratanpur, Tehsil - Shahgarh, Dist. Sagar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 109, 111, 112, 115, 116/2), Village - Ratanpur, Tehsil - Shahgarh, Dist. Sagar (MP) 1.48 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. 1648 dated: 30/12/2019 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine total area of 4.97 ha., including this mine.

The case was presented by the PP and their consultant in the in the 464th SEAC meeting dated 03-10-20, wherein during appraisal it was observed by the committee that the lease is in three parts for which PP submitted that to make one ha., area lease is sanctioned in three parts and they will carry out mining only in Khasra number 116/2 and 115. PP further submitted that no blasting is proposed in this case and in mine plan also no blasting is mentioned. After presentation, PP was asked to submit reply on following:

1. Revised PFR as submitted PFR is for stone query where blasting is proposed and mismatching with mine plan.
2. Revised plantation scheme with proposal for 20% causality replacement.
3. Revised EMP as suggested by committee.
4. Revised CER as suggested by committee.

Vide letter dated 01/10/2020 PP has submitted the reply which was found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3060 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.05.05 Lakh as capital and Rs. 01.98 Lakh/year as recurring and under CER Rs. 0.40 Lakh/annum is proposed.

The case was recommended for grant of EC in the 464th SEAC meeting dated 03/10/20 and file was sent to SEIAA. SEIAA vide letter No. 1303 dated 29/6/21 sent back this case file to SEAC for re-appraisal.

During scrutiny of case file it was observed that this case was discussed in 677th SEIAA meeting dated 25/6/2021 where it is recorded that:

“PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in details. After detailed discussions and perusal of recommendations of 464th SEAC meeting dated 03/10/20, it was observed that the lease is granted in 3 parts which is not as MMRD rules. So it was decided to ask PP to submit revised mining lease order and mining plan for one or two part as per MMRD rules”. PP has submitted the desired information on 06/4/21 and case file may be sent to SEAC for re-appraisal”.

The case file was placed for discussion in the SEAC 502nd SEC meetineng dated 06.07.2021, wherein it was observed that as per the directions of SEIAA (677th meeting dated 25/6/21) PP has not submitted the copy of revised mining lease order and revised mine plan. However, PP has submitted mine plan approval letter no. 213 dated 23/10/21 on Khasra No. 115, 116/2 in an area of 1.48 ha., but attached copy of old mine plan approved on Khasra No. 109,111,112,115,116/2. Hence, it was decided that PP may be asked to submit desired information as directed by SEIAA within 30 days for further appraisal of the project.

The case was scheduled for presentation but PP or their authorized consultant was absent. Committee deliberated and observed that till date PP has not submitted information desired by SEIAA in their 677th meeting dated 25/6/2021. SEAC has also given 30 days time to PP for submission of information such as revised mining lease order and mining plan for one or two parts as per MMRD rules but PP failed to submit the same in stipulated time hence committee after deliberations recommends that this case shall be delisted as PP has not submitted the desired information.

(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.

The 512th meeting of the State Expert Appraisal Committee (SEAC) was held on 07th September, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. Following members attended the meeting in person or through video conferencing –

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

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

1. Case No 8629/2021 Executive Engineer, Office of the Executive Engineer, Water Resources Division, Dist. Sehore, MP Prior Environment Clearance for Kanyakhedi Medium Irrigation Project at Village - Haranyagaon, Tehsil - Jawar, Dist. Sehore, (MP). Cultivable Command Area - 2400 ha. Spread over 7 villages in Jawar tehsil of Sehore District , GCA- 3500 ha , Catchment Area- 107.69 Sq km , Dam Height – 17.69 Meter,Dam length -1770 Meter. Project Catogory- 1(c) River Valley Project. Env. Con. M/s. R.S. Envirolink Technologies Pvt. Ltd., Gurgaon.

This is case of Prior Environment Clearance for Kanyakhedi Medium Irrigation Project at Village - Haranyagaon, Tehsil - Jawar, Dist. Sehore, (MP). Kanyakhedi irrigation project proposes to construct an 17.69 m high dam across Dudhi river, a tributary of Newaj river; to store water during monsoon and to serve a command area of 2,400 ha (CCA) . The application was forwarded by SEIAA to SEAC for appraisal. The project requires prior EC before commencement of any activity at site under category 1(c).

The case was presented by the Mr. Ravindra S. Bhatiya, Env., Consultant from M/s. R. S. Envirolink Technologies Pvt. Ltd, Gurgaon along with PP's Shri P.K. Sharma, Chief Engineer and Ms. Priyanka Bhandari (EE) from Water Resources Department with the following details of the project:

- The proposed Kanyakhedi Irrigation Project is planned to irrigate a total 2,400 ha of Culturable Command Area (CCA) in Jawar tehsil of Sehore District. As per

Environment Impact Assessment (EIA) Notification of September 2006 and subsequent amendments, Medium irrigation projects having CCA of greater than 2000 ha and less than 10000 ha are considered as category B2 projects; to be appraised at State level for environment clearance and are required to prepare EMP only (refer MOEF&CC notification SO 3977 (E) dated August 14, 2018). Therefore, Kanyakhedi Irrigation Project, a category B2 project, is to be appraised by State Expert Appraisal Committee (SEAC) of Madhya Pradesh for Environment Clearance.

- Kanyakhedi Irrigation project has been planned to cater to the drinking and irrigation water requirement of Jawar tehsil of Sehore District, which are declared drought prone areas due to acute shortage of surface and ground water sources.
- The project proposes to construct a 17.69 m high dam across Dudhi River near Haranyagaon village to create 14.96 MCM of gross storage of water for drinking and irrigation. It will serve a command of 2,400 ha (CCA) spread over 7 villages in Jawar tehsil of Sehore District. Water will be supplied by lifting from reservoir to distribution chamber through a 0.5 Km long Rising Main and thereafter it will be distributed in command by 2 Gravity Mains of 3 km and 1 km.
- The project will supply drinking and irrigation water to drought prone area in Jawar tehsil of Sehore District. It envisages construction of a 1770 m long and 17.69 m high dam across Dudhi river, to create live storage capacity of 11.68 MCM out of which 8.68 MCM will be utilized for irrigation scheme and 3.00 MCM for drinking water. The project will be implemented and operated by Water Resources Department, Madhya Pradesh.
- The project involves construction of a dam across Dudhi river, to create gross storage capacity of 14.96 MCM and live storage of 11.68 MCM.
- Proposed dam is 1770 m long Dam with a maximum height of 17.69 m.
- Water will be lifted through a rising main of 0.5 km up to DC and then distributed by two gravity mains of 3 km and 1 km long.
- 8.68 MCM of water will be lifted in this scheme during Rabi season only
- Water shall be delivered upto 1 ha chak, beyond which cultivators shall connect their own line and sprinkler system.
- Total land requirement of 374.809 ha constitutes of: government land: 51.709 ha & private land: 323.100 ha..
- No forest land shall be required for the project.
- A total of 4 villages of Jawar tehsil will be affected, out of which one village will involve displacement of families.
- Total 81 households comprising 141 families of Keshopur village will be displaced requiring resettlement.

- Families of other 3 villages will be losing their land due to submergence.

PP further submitted that no Schedule I species was found in the project area and also no forest land is involved. Bing dam, R&R is proposed hence provision for PAF's is being made as per "RFCT-LARR Act, 2013 and Collector Sehore has been identify/demarcated land at village Kanyakhedi for proposed R&R plan. Committee further observed that there are mistakes in the form-II submitted by PP and mismatch of data provided in PFR and Form-II (such as submergence, Land details govt/private, dam height etc). Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. In point no. 14.2 – T.S.S. maximum limit showed as "Zero", please justify.
2. In point no. 35 (7) – being proposed dam why no CAT plan is attached, please justify. The CAT plan shall be prepared in consultation with agricultural department and promote Agro forestry including katang bamboo plantation in consultation with concerned farmers.
3. Data provided in PFR and Form-II (such as submergence, Land details govt/private, dam height etc) is not matching hence correct data shall be provided.
4. Under R&R plan PAF's data has been changed; please provide correct status and details of present status of R&R activity with proposed layout and details of allotted land.
5. Name of villages with details which will be fully submerged and partially submerged.
6. Detailed muck management plan considering machinery deployment, movement of trucks and cumulative effect on nearby environment.
7. Leakage detection plan and plan for protection against corrosion for MS pipes.
8. For Biodiversity Conservation Plan, PP shall allocate optimum funds to DFO or PP shall identify local college if land available for development Biodiversity Conservation.
9. PP should refer District Forest Working Plan for conservation and protection of local flora and fauna.

10. PP shall identify land for proposed grazing land development in the nearby degraded forest area with the consultation of local DFO and provide required funds to concerned.
11. Worst case scenario w.r.t. to settlements (such as village Haranyagaon) on the downstream of dam in case of dam collapse should be submitted.
12. Under CER scheme with physical targets:
 - ✓ Explore the possibility of providing water through tube well with solar pump to Kheoni Wild Life Sanctuary in consultation with concerned DFO and commensurate budgetary allocations shall be proposed in CER.
 - ✓ Commitment with budgetary allocations 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.
 - ✓ 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, Skill development for using Katang Bamboo as raw material, Distribution of fruit bearing species etc., in concerned village shall be proposed.
 - ✓ 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.
13. Under Plantation Scheme with budgetary allocations:
 - ✓ Total 650 trees are coming under submergence in the proposed project thus PP shall submit their inventory with girth details and compensatory plantation scheme along with comprehensive Green Belt Development plan for native plant species (such as Katang Bamboo, Sagone, Khamer etc) with details such as name & number of proposed species and area allocated for plantation.
 - ✓ PP's commitment and proposal regarding sowing of medicinal plants (herbs & shrubs species like Ashwagandha, Kalmegh etc.) over the soil of pipelines not passing through the agricultural field.

- ✓ 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 for development of Biodiversity rich area comprising of local forest species including trees, herbs, shrubs and climbers shall be carried out preferably through forest department and its regular monitoring through M. P. Bio Diversity Board.

2. Case No. - 6480/2019 M/s. Vindhyachal Distilleries Pvt. Ltd, E-2/34, Arera Colony, Dist. Bhopal, (M.P.) – 462016. Prior Environment Clearance for Capacity Expansion of Grain Based Distillery from 25 KLD to 50 KLD through modification by installing a certain machineries alongwith Cogeneration Power Plant of 1.1 MW ha. in at Khasra no. – 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/42, 179/48, 179/49 & 179/50. Village - Pilukhedi, Tehsil-Narsinghgarh, Dist. -Rajgarh, (M.P.). Category: 5(g) Distilleries Projedct. Env. Con. – Creative Enviro Services, Bhopal (MP.).

This is a case of Capacity Expansion of Grain Based Distillery from 25 KLD to 50 KLD through modification by installing certain machineries along with Cogeneration Power Plant of 1.1 MW ha. in at Khasra no. – 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/42, 179/48, 179/49 & 179/50. Village - Pilukhedi, Tehsil - Narsinghgarh, Dist. - Rajgarh, (M.P.), Category: 5(g).

The project is covered as item 5(g) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The TOR was presented and recommended in the 396th SEAC meeting dated 30.10.2019. Also revised TOR 441st SEAC meeting dated 15/06/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 06.02.2021 which was forwarded through SEIAA vide letter no. 6563 dated 18.02.2021, which was placed before the committee.

Accordingly , EC was recommended in 484 SEAC meeting dated 24-02-21 for Capacity Expansion from 25 KLD to 50 KLD of Grain Base Distillery unit at khasra no Khasra No. 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 and 179/50 Pilukhedi, Narsingarh Madhya Pradesh 465667 of M/s. Vindhyanchal Distillery Pvt

Limited Bhopal (MP) subject to the prescribed special conditions and then SEIAA has also granted EC in the 664th SEIAA meeting dated 05-03-21. EC issued vide letter no. 7695-96/SEIAA/21 dated 25-03-21.

PP vide letter 09th July 2021 requested to amendment in EC in the prescribed Form-4, for “Capacity expansion of grain based distillery from 25 KLD to 50 KLD through modification/up gradation along with co-generation power plant of 1.1 MW of either rectified spirit (RS) or Fuel Ethanol (once at a time) at a village Pilukhedi, Narsingharh, Distt. Rajgarh MP by M/s. Vindhyanchal Distillery Pvt Limited Bhopal (MP)”, in the light of recent MoEF&CC Notification S.O. 2339(E). dated 16th June, 2021. Further, PP gave his commitment that either Rectified Spirit (RS) or Fuel Ethanol once at a time will be produced and limit of 50 KLD will not be crossed at any point of time. The plant will be grain based and proposed with Zero Effluent Discharge System.

The case was presented by the consultant Mr. Umesh Mishra, M/s Creative Enviro Services, Bhopal (MP.) along with PP Mr. Sandeep Khanna wherein Following points were submitted by PP:

- Considering the present scenario, we would like add product Fuel ethanol in the issued EC as no change is required in process for production of fuel ethanol and the production will be within the threshold limit.
- We humbly request you kindly amend the EC in following manner:

“Prior environment clearance for Capacity expansion of grain based distillery from 25 KLD to 50KLD (for production of either RS/ENA or Fuel Ethanol- one at a time) through modification and installing certain machineries along with Cogeneration Power Plant of 1.1 MW at plot no 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 village Pilukhedi on land area 18,110 sq mt proposes capacity : 25 KLD to 50 KLD by M/s Vindhyanchal Distilleries Pvt. Limited at village Pilukhedi, Tehsill- Narsingharh, Dist Rajgarh (MP)”.

PP further submitted that –

- No change in water consumption, steam consumption, waste water generation, solid and hazardous waste generation is envisaged w.r.t. EC amendment.
- The overall proposed production capacity after amendment in EC will be 50 KLD which is within the threshold capacity as mentioned in the EC.

- The changes in the production profile as mentioned above shall be done by removing moisture for from 95.6 % to 99.5%.
- It is confirmed that there is no change in the steam requirement (180 TPD) vis-à-vis in fuel consumption (coal 40 TPD) of the boiler (14 TPH) for the amended EC. Thus, it is expected that there would not be any increase in the steam requirements which means that the fuel requirements.
- The quantity of water requirement 50 KLD Either ENA or Fuel Ethanol will remain same i.e. 411 KLD after reuse and recycling.
- The quantity of spent wash for existing and proposed scenario will remain same i.e. 290 KLD. The generated waste water will be treated in MEE and Dryer and the project is/will remain zero liquid discharge. The treatment system is/will be as below :

Decantation Section

- During operation, grain slops will be taken through Centrifuge Decanters for separation of suspended solids. Spent wash (290 M³ per day) will pass through centrifuge decanter for separation of solid. The part of thin slope (44 M³ per day) from centrifuge will be recycled to process. The remaining slop will be concentrated through multi effect evaporator.
- Centrifuge Decanter is used for separation of suspended solid from the spent wash coming out of the distillation plant.
- Wet cake has 30-35% w/w solids as removed from the bottom of the Decanter.
- Thin slops coming out from decanter will be collected in a tank & transferred for the partial recycling & remaining for Evaporation.
- 45 m³ per day Lees will be recycled back for fermentation process.

Evaporation Section

- The existing treatment scheme is a Multi Effect Evaporator for Thin Slops Evaporation. The following points will elucidate the basic working principal:
- Shell & Tube type Evaporators with highly efficient liquid distributor working on the principal of Falling Film Evaporation.
- PRC vapors are fed to the 1st effect evaporator shell side at the given pressure & temperature as the heating medium.
- The Feed is fed from the top of the 1st effect evaporator which is Falling Film Evaporator-1

- The Total Solid will be obtained at the outlet of the 3rd effect evaporator. A shell & tube type multi pass surface condenser is employed for condensing the shell side vapors.
- 45 m³ per day Lees will be recycle back for fermentation process.

After presentation committee asked PP to submit response on following issues for further consideration of the project–

- PP shall be submit technical justification that with the proposed amendment there will be no increase in pollution load.
- PP's commitment no activity so far has been taken place for expansion from 25KLD to 50 KLD for which EC expansion was obtained by PP.
- How this fuel ethanol will be sold.
- Justify how reduction in moisture from 97.6% to 99.5 % will be achieved and utilization of excess condensate?
- Copy of valid CTE/CTO obtained from M.P. Pollution Control Board.

PP has submitted the reply vide letter no. VDPL/BPL/260/0280 dated 07/09/21 which was placed before the committee which was found satisfactory & acceptable. Thus committee after deliberation recommends the case for amendment in prior environment clearance issued to M/s Vinhdyanchal Distilleries Pvt. Limited, Tehsill- Narsingharh, Dist Rajgarh (MP)" for capacity expansion of grain based distillery from 25 KLD to 50KLD for production of either RS/ENA or Fuel Ethanol (one product at a time either RS/ENA or Fuel Ethanol) through modification by installing certain machineries along with Cogeneration Power Plant of 1.1 MW over land area of 18110 sq meter at plot no 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 village Pilukhedi Tehsill- Narsingharh Dist Rajgarh (MP). Other conditions issued for EC expansion shall remain the same.

3. Case No 8632/2021 Shri Dinesh Chandra Mangal S/o Shri Ramniwas Mangal, Kamla Nagar, D-155, A-Subhash Nagar, Dist. Agra, UP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (35002 cum per annum) (Khasra No. 183/1, 183/2), Village - Badaura Kalan, 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. 183/1, 183/2), Village - Badaura Kalan, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2093 dated 05/7/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.250 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP, the proposed lease is triangulated in shape and one co-ordinate is falling on the existing road on eastern side. This existing road is a shortest connecting road for two villages located on the southern and northern side of the lease. Further it was also observed through Google image that the allotted lease area is mined out from the southern side which can be verified from the previous Google image of February 2019 without obtaining EC indicates violation of EIA Notification, 2006. Committee after deliberation recommends that under above circumstances (indicating environmental sensitivity where proposed lease area is already mined out and adjacent to the village road), this case cannot be considered for grant of EC.

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

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

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

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

5. Case No 8620/2021 Shri Avinash Singh Vaish S/o Shri Mayaram Vaish, R/o, 1196, Vijaynagar, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Murrum Quarry in an area of 2.450 ha. (15000 cum per annum) (Govt. Khasra No. 181/1 Part), Village - Ghutna, Tehsil - Sihora, Dist. Jabalpur (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Govt. Khasra No. 181/1 Part), Village - Ghutna, Tehsil - Sihora, Dist. Jabalpur (MP) 2.450 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2245 dated 20/1/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP that the QL area is surrounded by pucca road from three sides and from northern side QL area is crossing by kachha road. Moreover one HT line pole and some houses are in existence within the lease in the south- east corner for which no reply factual proofs were provided by the PP. It was further observed by committee that human settlements at about 100 m in the SE side also exist. Hence, w.r.t. NGT order dated 21.07.2019 area where blasting is not proposed, minimum distance of 100 m is to be maintained from the residential house /settlement and safe zone (50 meters) to be left due to pucca road, no effective minable area will be available and thus considering above facts committee after deliberation recommends that under such circumstances this case cannot be considered for grant of EC.

6. Case No 8630/2021 M/s Gawar Construction Ltd, Authorized Signatory, Shri Parveen Kumar Rawal, DSS 378, Sector - 16-17, Dist. Hisar, Haryana Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (1,25,000 cum per annum) (Khasra No. 550/1/1, 550/2, 567/1, 567/2), Village - Nogawan, Tehsil - Ujjain, Dist. Ujjain (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 550/1/1, 550/2, 567/1, 567/2), Village - Nogawan, Tehsil - Ujjain, Dist. Ujjain (MP) 1.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Env. Consultant, on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 769 dated 03/8/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this lease was obtained under temporary permit (TP) with two years validity. The TP was granted for making Dewas- Indore highways. It was also observed that the lease is partially excavated in the eastern side PP stated that the excavated lease was sanctioned to another PP as TP . The depth of pit is 06 m and the excavated volume has been deducted in the mining plan and shown on surface map. During presentation it was observed by the committee that as per Google image based on coordinates provided by within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Railway Line	260	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards this side.
Pucca Road	75 & 415	Sout- West & North-east	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.

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

1. PP's commitment that, entire plantation of 2500 trees shall be planted within one year in the barrier zone, evacuation road, and village as per the submitted plantation scheme.
2. 1000 trees shall be distributed to the local villagers in the first year and first-aid box in the school at Nogawan village.
3. Revised EMP with budget of additional nos. of plantation.

PP has submitted the response of above quarries same date vide letter dated 07/09/2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,25,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.19.70 Lakh as capital and Rs. 07.77 Lakh/year and under CSR Rs. 02.0 Lakh has proposed.
3. As proposed, a minimum of 2500 trees shall be planted within one year in the barrier zone, evacuation road and village as per the submitted plantation scheme.
4. 1000 plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

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

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

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

8. **Case No. - 5751/2018 M/s. Macker Real Ventures, 501, 5th Floor, Ashima Corporate Zone, Ashima Mall, Hoshangabad Road, Bhopal, (M.P.) – 462026. Prior Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16,700 sqm., Built up Area = 28,451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project. (Violation).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm., Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Cat. 8(a) Building and Construction Projects. The project requires prior EC before commencement of any activity at site.

Till date the Chronology of the project:

Earlier this case was scheduled in 331st SEAC meeting dated 25/10/2018, wherein ToR (For Violation) has been recommended

PP has submitted the EIA report vide letter dated 15/03/2019 which was forwarded through SEIAA vide letter no. 2856 dated 30/03/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 361st SEAC meeting dated 12/04/2019 with its remediation plan and the natural and community resource augmentation plan, wherein committee asked PP to revise the remediation's plan and natural community resource augmentation plan.

For more detailed information, kindly refer the minutes of 361st SEAC meeting dated 12/04/2019.

This case was scheduled for the presentation and discussion in 397th SEAC meeting dated 03/10/2019 of revised remediation's plan and natural community resource augmentation plan as suggested by committee in 361st SEAC meeting dated 12/04/2019, however, it was observed by the committee that the PP has submitted the request letter vide dated 30/09/2019 stating that due to some unavoidable condition he wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee accepted the request made by PP and decided to call the PP in subsequent meetings.

In the SEAC 399th meeting dated 31.10.2019 the case was scheduled for presentation, PP has presented incorporating revised remediation plan and natural community resource augmentation plan wherein PP has proposed Rs. 121.00 Lakhs in the EMP as capital cost and recurring cost is Rs. 8.17 Lakhs /Year. Also, Rs. 13.55 Lakhs is proposed as remediation cost for this project. PP M/s. Macker Real Ventures "Silver Estate Vertica", has proposed to submit bank guarantee of INR Rs. 13.55 Lakhs towards Remediation Plan. Committee after considering the reply recommends that PP may be asked to deposit the bank gurantee (BG) with three years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16,700 sqm., Built up Area = 28,451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project, subject to the prescribed special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board, with additional conditions.

Thus, as above, PP has proposed Rs. 121.00 Lakhs in the EMP as capital cost and recurring cost is Rs. 8.17 Lakhs /Year. Also, Rs. 13.55 Lakhs is proposed as remediation cost for this project. PP M/s. Macker Real Ventures "Silver Estate Vertica", has proposed to submit bank guarantee of INR Rs. 13.55 Lakhs towards Remediation Plan. Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 13.55 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

Vide SEIAA's letter no. 1682/SEIAA/21 dated 17.08.2021, forwarded case file to SEAC with information submitted by PP and Regional office, MoEF&CC examination in the light of MoEF&CC Notification S.O no. 1030, dated 08.03.2018.

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

Discussion on Query Reply submitted by PP

9. **Case No 8595/2021 M/s Vista Sales Pvt. Ltd, Authorized Person, Shri Mahesh Kumar Verma, Near Takshshila School, 98, Rachna Nagar, Paras Apartment, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 3.880 ha. (29100 cum per annum) (Khasra No. 1), Village - Khirwa, Tehsil - Vijayraghavgarh, Dist. Katni (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Khirwa, Tehsil - Vijayraghavgarh,

Dist. Katni (MP) 3.880 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 508th SEAC meeting dated 11-08-21. During presentation, PP showed various documents such as lease sanction order, Janpad Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, PFR & EMP for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-Patra) letter No. 3297 dated 07/11/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that part of the lease area is submerged in water for which PP submitted that sand will be evacuated only from the dry area as per the sand mining guidelines issued by the MoEF&CC. Committee after deliberation decided that PP shall submit revised production plan leaving submerged area as non mining area. After presentation committee asked PP to submit response on following issues including incomplete information provided in From-II, such as:

1. In point no. 17: Quantity of solid waste generated and its proposed disposal plan.
2. In point no. 35(10): Justify 0.5 million ton of top soil.
3. Revised risk assessment plan.
4. Detailed location specific green belt plan (remove ashwagandha) as the same is missing in submitted form-1.
5. Proposal for planting Khas slips, Nagarmotha, Katang Bamboo on the river banks to prevent soil erosion.
6. Commitment that no evacuation will be carried out through village/school area.
7. Revised EMP as suggested by committee.
8. Revised CER with physical targets as suggested by committee.
9. Pipe lines are proposed to fulfill water requirement, PP will submit a commitment that water will not be taken from the river and provide detailed plan to meet water requirement.

PP vide their letter dated 11/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. Committee observed that even after deducting the volume of sand in the non- mining area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. Further as suggested by committee Pp has submitted commitment that 1000 plants will be planted on the river bank vide letter

dated 07/09/21. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production as per approved mine plan with quantity not exceeding for Sand 29,100 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 32.99 Lakh as capital and Rs. 5.74 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 5000 trees/herb/shrubs shall be planted within 01 years in barrier zone, river bank, evacuation road and distributed to villagers through Gram Panchayat as per the submitted plantation scheme.
4. All plantation which will be distributed to the villagers through Gram Panchayat shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers.

10. Case No 8563/2021 M/s Om Sai Minerals, Village - Baghari, Post - Hinouta, Tehsil - Chandla, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.202 ha. (20,000 cum per annum) (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP) 2.202 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the 505th SEAC meeting dated 24.07.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per MO letter No.1808 dated 07/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP some trees are in existence within lease. A habitation is located at a distance of about 155 m in the north side. River is flowing in the South East - South west side of the lease at a distance of >280 m. PP submitted that about 08 trees are existed and no tree felling is proposed and tree occupied area shall be dealt as non- mining area. Committee after deliberation decided that in the

light of NGT order vide O.A. no.304/2019 dated 21.072020 if blasting involved minimum distance of 200 m is to be left from residential/ public building, inhabitants. Hence PP shall lease 45 meters setback within lease and submit revised surface & production map. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation)- Tube well has mentioned .
3. In point no.17-Solid Waste Generation/Management- Zero figure (0) has mentioned .
4. In point no.22- Land Requirement for Various Activities- not clears.
5. Revised surface and production map showing 45 meters set back w.r.t. habitation (155 m) and area occupied by tree area as non- mining area.
6. PP's commitment that no tree felling is proposed.
7. Revised plantation species remove Khirni from the proposed plantation list and proposed as suggested by the committee.
8. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
9. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).

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

PP vide their letter dated 11/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. The case was scheduled for the presentation in 510th SEAC meeting dated 25/08/21 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was again scheduled for presentation wherein it was observed that the PP submitted commitment that 2400 sq.m., area shall be non- mining area in the north side of the lease area where 08 trees are existed and these trees shall not be up-rooted. PP further vide letter dated 07/09/21 submitted commitment that 800 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.55 Lakh as capital and Rs. 5.55 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 3000 trees shall be planted within three years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. Within lease, 2650 sq.m. area shall be left as non- mining area due to existence of 08 trees and these trees shall not be up-rooted.
5. 1000 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

The case was presented by PP and their Consultant in the SEAC 507th meeting dated 10.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 880 dated 11/6/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 4.957 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a kachha road is in existence at a distance of 40 meters in the southern side and storm water drains is originating near the lease for which PP submitted that they have proposal for garland drains followed by settling tanks and during rainy season only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13.1, 15, 16, 16.1, 17, 22, 27, 35(10) details are wrongly mentioned, please revise.
2. How PP will ensure continuous water supply in the toilets proposed for workers.
3. Details of proposed garland drains and settling tanks.
4. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)

- ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
- ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
- ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

5. Under Plantation Scheme with budgetary allocations:

- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
- ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.
- ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

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

1. Production as per approved mine plan with quantity not exceeding for Stone 20,001 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 24.56 Lakh as capital and Rs. 5.73 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 2000 trees shall be planted within three years in barrier zone, evacuation road and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. 1000 plants shall be distributed to the local villagers in the first year of their choice.
5. All plantation in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers.

12. Case No 8594/2021 M/s Beohari Bansukli Pathway Pvt. Ltd, Plot No. 02, New M.P. M.L.A. Colony, Jawahar Chowk, Dist. Bhopal, MP Prior Environment Clearance for Stone & Murrum Quarry in an area of 1.619 ha. (Stone – 42,399 cum per annum, Murrum – 1,462 cum per annum) (Khasra No. 2143/2/kha), Village - Charhet, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP).

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2143/2/kha), Village - Charhet, Tehsil - Jaisingh Nagar, Dist. Shahdol (MP) 1.619 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 507th meeting dated 10.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Panchyat, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 825 dated 07/6/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.619 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a road is in existence on the northern side of lease and habitation at approx. 110 meters thus as per NGT order in case number 304/2019 dated 21/07/20, in case of mining where blasting is proposed, minimum 200 meters area is to be left from residential/public buildings/Inhibited sites, thus PP was asked to submit revised surface/production plan leaving 90 meters setback as non mining area from the habitations. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP

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

1. In point no. such as 15, 16, 16.1, 17, 27 details are wrongly mentioned, please revise.
2. Habitation at approx. 110 meters thus as per NGT order in case number 304/2019 dated 21/07/20, in case of mining where blasting is proposed, minimum 200 meters area is to be left from residential/public buildings/Inhibited sites, thus revised surface/production plan leaving 90 meters setback as non mining area from the habitations.
3. Alternate plantation area should be explored for plantation in nearby village/ on adjacent hillock as being basalt mining area is not very conducive for plantation.
4. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
5. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier

zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.

- ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 28/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. Wherein it was observed that the PP has submitted revised surface/production plan where leaving 90 meters setback as non mining area from the habitations. PP further vide letter dated 07/09/21 submitted commitment that 900 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 42,399 cum per annum and Murrum 1,462 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 11.73 Lakh as capital and Rs. 4.78 Lakh/year as recurring has proposed by PP.
3. Setback of 90 meters on the eastern side as non mining area shall be left within the lease from the habitations.
4. As proposed, a minimum of 2000 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.
5. 900 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

13. Case No 8578/2021 Shri Pankaj Singh S/o Shri Mansukh Lal Singh, Chankyapuri Colony, Hotel Pankaj, Dist. Satna, MP - 485001 Prior Environment Clearance for Murrum Quarry in an area of 1.620 ha. (20,000 cum per annum) (Khasra No. 325/2), Village - Matehna, Tehsil - Raghurajnagar, Dist. Satna (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 325/2), Village - Matehna, Tehsil - Raghurajnagar, Dist. Satna (MP) 1.620 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant in the SEAC 508th meeting dated 11.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO , Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1446 dated 26/3/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that as per Google image based on coordinates provided by PP site from the northern and eastern side is surrounded by habitation for which PP submitted that it's a Murrum query where blasting is not proposed hence shall be considered for EC. Committee deliberated and recommends that in any case PP has to maintain 100 meters distance from the habitation as per NGT order dated 21/07/20. PP submitted that they will leave 50 meters area as setback (non mining zone) and the habitation is 50 meters away from the lease. Committee after deliberations asked PP to submit revised surface/production map showing 50 meters setback in the lease and maintaining minimum 100 meters distance from the habitations. Committee further observed that apart from habitations, natural drain (approx. 150 meters Southern side), River (approx. 550 meters Southern & southeastern side) and a water body (approx. 320 meters Eastern side). Committee also asked PP that the area which is proposed to be declared as non mining area due to habitations and in 7.5m barrier zone, dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" with the concern CCF (R&E Circle Bhopal) for which a commitment shall be submitted specifically mentioning that even after mining in over, plantation will be maintained. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13, 14.6, 15, 16, 16.1, 17, 27, 35(10) details are wrongly mentioned, please revise.
2. Committee that area which is proposed to be declared as non mining area due to habitations and in 7.5m barrier zone, dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" with the concern CCF (R&E Circle Bhopal) for which a commitment shall be submitted specifically mentioning that even after mining in over, plantation will be maintained.

3. Revised plantation species as suggested by committee (add Mango, Amla, Lemon, Munga)
5. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted). Quantification of furniture shall be proposed in CER.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
6. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.
 - ✓ Commitment that local palatable perennial grass species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose or through Gram Panchayat on suitable community land in the concerned village area.

PP vide their letter dated 30/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. PP submitted that they will leave 50 meters area as setback inside the lease as non mining zone from the habitation being case of Murrum mining

wherein no blasting is proposed. PP further vide letter dated 07/09/21 submitted commitment that 500 saplings will be distributed to the villagers through Gram Panchayat in the first year. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Murrum 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.40 Lakh as capital and Rs. 3.48 Lakh/year as recurring has proposed by PP.
3. Setback of 50 meters on the northern side as non mining area shall be left within the lease from the habitations.
4. As proposed, a minimum of 2500 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.
5. 500 plants shall be distributed to the local villagers in the first year of their choice.
6. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

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

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

The case was presented by PP and their Consultant in the SEAC 508th meeting dated 11.08.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 81 dated 12/4/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During appraisal it was observed by the committee that as per Google image based on coordinates provided by PP a road

is in existence at a distance of 430 meters in the southern eastern side and water body on the northern side at a distance of 380 meters. PP submitted that garland drains and settling tanks are proposed and only settled water will be discharged. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. such as 13.1, 14.5, 15, 16, 16.1, 27, 35(09) details are wrongly mentioned, please revise.
2. Permission letter to use ground water should be submitted by PP.
3. How PP will ensure continuous water supply in the toilets proposed for workers.
4. Details of proposed garland drains and settling tanks.
5. Revised plantation species as suggested by committee (remove Amaltas, Khirni, Guava and add Munga for villagers)
6. Under CER scheme with physical targets:
 - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
7. Under Plantation Scheme with budgetary allocations:
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

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

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

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

Discussion on Files received from SEIAA/Proposed for delisting

15. Case No. – 7795/2020 Shri Aniruddha Singh S/o Shri Vijay Singh, Village - Jyoraha, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Stone Quarry in an area of 1.969 ha. (100000 cum per annum) (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 1.969 Ha. The project requires prior EC before commencement of any activity at site.

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

The case was discussed in 677th SEIAA meeting dated 25/6/21 and it was recorded that.....

The case was discussed in 646th SEIAA meeting dtd. 28/11/20 and it was recorded that..

The case was recommended in 463rd SEAC meeting dtd. 01/10/2020 and it was recorded that.....

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 24m after 05 years. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at Annexure 'A'

PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail. After detailed discussion and perusal of recommendations of 463rd SEAC meeting 01/10/2020 presentation made by the PP in SEIAA it was observed that there are other mines exist in 500 m radius which is making cluster situation hence it was decided to seek clarification from Mining Officer, Chhatarpur about current status of other mines exist within 500 m of above said mine.

In view of above, clarification from Mining Officer, Chhatarpur is still awaited. Hence, it was decided to send letter to Collector, Chhatarpur seeking clarification about current status of other mines located within 500 m of proposed mine within 15 days for necessary action otherwise case will be delisted.

Since clarification from Mining Officer, Chhatarpur or PP is still awaited hence 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 the desired information on 09/02/2021 regarding the information of other mines within 500 m periphery of the proposed mine duly signed by the Mining Officer, Chhatarpur, The committee observed that the data is not clear in the letter of Mining Officer, Chhatarpur.

After detailed discussion, decided to relist the case and send a letter to Collector, Chhatarpur for site inspection to clarify the status of cluster of other sanctioned & operated mines exists within the 500 m periphery of the proposed mine and submit a report to MPSEIAA within 15 days.

The PP accordingly submitted the required information on 15/7/21 attached the copy of the letter of Collector, Distt. Chhatarpur regarding the clustering status of the proposed mine.

Thereafter, the case was discussed in details and it is observed that as per Google Image the proposed (Stone quarry) mine site situated along with the sanctioned Granite mine of 4.064 ha. are located within 500 m. on the same hill, which appears to be under the category of homogeneous mineral. This is a clear cut case of category B-1 Accordingly it was decided by the committee to revert the case to SEAC for further examination in consultation with Director, Geology & Mining and Collector, Chhatarpur.

The case was placed before the committee for discussion. Committee observed that SEAC has submitted its recommendations as per their 463rd meeting dated 04/10/20. It was further observed by the committee that PP has submitted online application (SIA/MP/MIN/173197/2020) as B2 case and same was accepted by authority and forwarded to SEAC for appraisal. SEAC appraised the case on the basis of information provided by the PP/ their RQP and submitted documentary evidences with the application. Thus committee after deliberations recommends that as per the decision of SEIAA communicated by letter no. 1729 dated 24/08/21, if it is a clear cut case of category B1, PP may be asked to reapply for grant of TOR accordingly in prescribed formats and case file may be sent to SEIAA.

16. Case No 7652/2020 Shri Khurshid Ahamad Qureshi, H.No. 203, Mission Chowk, Dist. katni, MP - 470001 Prior Environment Clearance for Stone Quarry in an area of 1.48 ha. (3,060 cum per annum) (Khasra No. 109, 111, 112, 115, 116/2), Village - Ratanpur, Tehsil - Shahgarh, Dist. Sagar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 109, 111, 112, 115, 116/2), Village - Ratanpur, Tehsil - Shahgarh, Dist. Sagar (MP) 1.48 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. 1648 dated: 30/12/2019 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine total area of 4.97 ha., including this mine.

The case was presented by the PP and their consultant in the in the 464th SEAC meeting dated 03-10-20, wherein during appraisal it was observed by the committee that the lease is in three parts for which PP submitted that to make one ha., area lease is sanctioned in three parts and they will carry out mining only in Khasra number 116/2 and 115. PP further submitted that no blasting is proposed in this case and in mine plan also no blasting is mentioned. After presentation, PP was asked to submit reply on following:

1. Revised PFR as submitted PFR is for stone query where blasting is proposed and mismatching with mine plan.
2. Revised plantation scheme with proposal for 20% causality replacement.
3. Revised EMP as suggested by committee.
4. Revised CER as suggested by committee.

Vide letter dated 01/10/2020 PP has submitted the reply which was found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3060 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.05.05 Lakh as capital and Rs. 01.98 Lakh/year as recurring and under CER Rs. 0.40 Lakh/annum is proposed.

The case was recommended for grant of EC in the 464th SEAC meeting dated 03/10/20 and file was sent to SEIAA. SEIAA vide letter No. 1303 dated 29/6/21 sent back this case file to SEAC for re-appraisal.

During scrutiny of case file it was observed that this case was discussed in 677th SEIAA meeting dated 25/6/2021 where it is recorded that:

“PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in details. After detailed discussions and perusal of recommendations of 464th SEAC meeting dated 03/10/20, it was observed that the lease is granted in 3 parts which is not as MMRD rules. So it was decided to ask PP to submit revised mining lease order and mining plan for one or two part as per MMRD rules”. PP has submitted the desired information on 06/4/21 and case file may be sent to SEAC for re-appraisal”.

The case file was placed for discussion in the SEAC 502nd SEC meetineng dated 06.07.2021, wherein it was observed that as per the directions of SEIAA (677th meeting dated 25/6/21) PP has not submitted the copy of revised mining lease order and revised mine plan. However, PP has submitted mine plan approval letter no. 213 dated 23/10/21 on Khasra No. 115, 116/2 in an area of 1.48 ha., but attached copy of old mine plan approved on Khasra No. 109,111,112,115,116/2. Hence, it was decided that PP may be asked to submit desired information as directed by SEIAA within 30 days for further appraisal of the project.

The case was scheduled for presentation but PP or their authorized consultant was absent. Committee deliberated and observed that till date PP has not submitted information desired by SEIAA in their 677th meeting dated 25/6/2021. SEAC has also given 30 days time to PP for submission of information such as revised mining lease order and mining plan for one or two parts as per MMRD rules but PP failed to submit the same in stipulated time hence committee after deliberations recommends that this case shall be delisted as PP has not submitted the desired information.

(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.