

The 484th meeting of the State Expert Appraisal Committee (SEAC) was held on 24th February, 2021 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member.
7. Shri A.A. Mishra, Secretary.

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

1. **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 Dstillery 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 Dstillery from 25 KLD to 40 KLD through modification by installing a 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.

PP vide letter dated 12.06.2020 has requested that in the SEAC meeting no. 396 dated 30.10.2019 TOR was recommended and accordingly TOR was issued vide 721 dated 30.10.2019 for expansion capacity of Grain Based Dstillery from 25 KLD to 40 KLD. Whereas, PP mentioned the capacity expansion is required from 25 KLD to 50 KLD and

this details was also given in the Form-1, PFR. Committee accept the request made by PP and recommended to issue revised ToR with revised production expansion capacity as 25 KLD to 50 KLD & now capacity shall be read as 50 KLD. Remaining conditions for ToR shall remain same as recommended in 396th SEAC meeting dated 30.10.2019.

Earlier this case was scheduled for presentation and discussion in 396th SEAC dated 1/10/2019 & 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.

PP and their consultant presented the EIA before the committee, following details of this project were submitted by the PP:

Salient features of the project

M/s Vindhyachal Distilleries Pvt. Limited (VDPL) has engaged in RS/ENA/Anhydrous Alcohol production since several years. The management has proposed to expand it's capacity of grain based distillery from 25 KLD to 50 KLD through up-gradation of existing plant & machineries and addition of certain machineries. Total capacity of the unit will 50 KLD which will be based on grain as feed stock.

Particular	For 25 KLD Plant	For expansion project	Total for 50 KLD
Site Address	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		
Production Capacity	25 KLPD	25 KLPD	50 KLPD
No of operation days	330	330	330
Cost of Project in Crore	30.57	3.15	33.72
Existing cost on environment protection measures in Lacs (Capital)	Rs. 672.167	Rs. 46.30	Rs. 718.467
Existing cost on environment protection measures in Lacs (Recurring)	Rs. 26.50	Rs. 7.78	Rs. 34.28
Grain	57 MT Rice, 65 MT Jowar,	57 MT Rice	114 MT Rice, 130 MT Jowar,

Requirement	Makka, Bajra		Bajra, Makka
Boiler capacity at MCR (100% Load)	(5 TPH +8 TPH)		14 TPH
Steam Requirement	108 TPD	72 TPD	180 TPD
Fuel	Coal/rice husk	Coal/rice husk	Coal/rice husk
Total Water Requirement	690 m3/day	444 m3/day	1134 m3/day
Net fresh Water Requirement	220 m3/day	191 m3/day	411 m3/day
Source of water supply	Tanker & AKVN	Tanker & AKVN	Tanker & AKVN
Raw Spent wash Generation (Grain)	145 m3/day	145 m3/day	290 m3/day
Power Requirement	400 Kw/Hr	608 Kw/Hr	1008 Kw/hr

- No ecologically protected area or archeologically protected site or other environmental sensitivity has been reported within 10 km radius of the site.
- No interstate boundary is lying within 10 km radius from the site.

Land break Up:

Area In Sq. mtrs.		
Land use Break-Up For Existing & Proposed Unit		
Area in Sq. mtrs.		
Particular	Existing 25 KLD	After Expansion
Built up Area of main plant and machineries	13670	15670
Road area	6600	6600
Raw Material storage area	1474	2000
Fuel Storage Area	540	540
Parking area	2400	2400
Green Belt	39370	49370
Total	64054	76654
Open Land	54056	41456
Total acquired area	1,18110	1,18110

Environmental Setting of Project

Particulars	Details
Locations	Village- Pilukhedi, Tehsil- Narsingharh, dist Rajgarh (MP)
Toposheet No.	55E/3

Latitude	23°29'2.39"N to 23°29'14.78"N
Longitude	77°4'0.93"E to 77°4'20.74"E
General ground level	453 m MSL
Elevation range	Highest-457m MSL lowest- 449m MSL
Temperature	Min: 8.5 ⁰ C and Max: 47.5 ⁰ C
Nearest Highway	Jabalpur - Jaipur NH-12 - adjacent- W
Nearest Railway Station	Kalapipal – 29.50 km
Nearest Airport	Bhopal – 35.00 km
Nearest Tourist Place within 10km radius	None
Archaeological Important Place within 10km radius	None
National park/Wild Life Sanctuaries within 10km radius	None
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	None within 10km radius
Nearest major city with 100000 population within 10km radius	Nil
Nearest Town / City within 10km radius	None
Nearest River	Parbati River - 0.25km - S Paru Nadi - 1.00km - SWS Utawali Nadi - 4.50km - E

PP stated that existing and proposed distillery unit would be ZLD based with provision of MEE, Dryer and PCTP. The spent wash will be taken to evaporation and condensate will be treated in PCTP. 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. Condensate Polishing Unit (CPU) will treat spent lees, cooling tower blow down, boiler blow down and process condensate.

The total raw water requirement for the existing operation is reported as 690 KLD whereas after recycling/reuse, net fresh water requirement is 220 KLD which is being met through River water sources.

After the capacity expansion, total water requirement is estimated to be 1134 KLD and after recycling & reuse of 723 KLD of water, net fresh water requirement is estimated to be

411 KLD. Hence cumulative net fresh water requirement for existing and proposed plant will be 411 KLD. M/s VDPL proposes to meet this requirement through surface water supply from River Parwati. The raw water will be stored in tank having total capacity of 12000 KL. The system has been given to maintain the zero discharge condition. CPU and RO are also proposed for unit of 50 KLD plant. Being case of expansion, PP was asked to provide MoEF&CC compliance report of earlier EC conditions for which PP submitted that this plant was established in 1987 before the applicability of EIA Notification, 1994 & 2006.

The submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance 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 special conditions:

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS.
4. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
5. DG exhaust will be discharged at height stipulated by CPCB.
6. CO₂ generated from the process shall be bottled/made solid ice and sold to authorized vendors.
7. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
8. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. Total net fresh water requirement shall not exceed 411 cum/day proposed to be met from ground water source. Prior permission shall be obtained from the concerned regulatory authority/CGWA (If applicable) in this regard.
2. The spent wash will be taken through Centrifuge Decanters for separation of suspended solids. Spent will pass through centrifuge decanter for separation of solid. The part of thin slope 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. Condensate Polishing Unit (CPU) will treat spent lees, cooling tower blow down, boiler blow down and process condensate..
3. Number of working/operating days for the distillery shall be 330 days as proposed.
4. The project proponent shall provide online continuous monitoring of effluent (if applicable) , the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

5. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises, for which PP shall provide MEE, Centrifuge decanter, Dryer and CPU unit for making system zero discharge
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
9. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
10. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG sets for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. Possibility of installation of solar power system may be explored.

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.

2. Hazardous wastes such as used oil, discarded drums, used carbon etc shall be directly sent to CTSDf, Dhar.
3. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
4. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
5. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
6. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
7. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
8. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
9. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
10. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
11. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
12. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. As proposed total 4.9370 ha will be covered with the good green belt and 7450 trees will be planted. The green belt of 5-10 m width will be developed mainly along the periphery and

road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.

2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
3. PP shall also develop green belt over community places in consultation with gram panchayat

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP & Corporate Environment Policy

1. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of

the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
4. The proposed EMP cost is Rs. 718.467 Lakhs as capital and 46.30 Lakhs /year as recurring cost.
5. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER).

SN	Commitment towards public hearing Issue in terms of Physical Target
1	Additional 25 manpower will be required for the project. Employment Opportunity to local people shall be made available and total 99% of the of the total requirement shall be from nearby villages/Town.
2	Provision of two borewell at Village Pilukhedi
3	Continual execution of socio economic activities as per the local needs in line with the activities being carried out since several years

6. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
7. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

J. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.

3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 5. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any
 6. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
2. **Case No. – 7657/2019 M/s. Geomin Iron Manufacturing Pvt. Ltd, Yash Tower, Pathak Ward, Dist. Katni, MP – 483501 Prior Environment Clearance for Iron Ore Beneficiation Plant (Proposed Production Capacity of 4,80,000 Ton Per Year of Iron Ore Concentrate) at Village - Jhiti, Tehsil - Sihora, District - Jabalpur (MP)**

This is case Prior Environment Clearance for Iron Ore Beneficiation Plant at Village - Jhiti, Tehsil - Sihora, District - Jabalpur (MP).

This is an Ore beneficiation project comprising beneficiation of Iron Ore. The project is covered under the provisions of EIA notification as item no. 2 (b), hence requires prior EC from SEIAA. Application submitted by the PP was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

Earlier this case was scheduled for presentation and discussion in 460th SEAC meeting dated 24/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 6268 dated 12.02.2021, which was placed before the committee.

PP and their consultant presented the EIA before the committee; following details of this project were submitted by the PP:

The project has been proposed for the beneficiation of Iron Ore with capacity of 4,80,000 TPA of concentrate with physical means i.e. crushing, grinding, ore separation through magnetic method, de watering . No chemical beneficiation process will be adopted for beneficiation activity.

Salient Features of Project

S. NO	Particulars	Details
1	Project	Iron Ore Beneficiation Plant with proposed capacity of 4,80,000 Ton per Year of Iron Ore Concentrate
2	Khasra number	449,451,442,443,444,448,450,453,432,434,437,438,441, 445,& 452
2	Total Power requirement for process	4.4 KVA from MPSEB (18.3 Kwh power per ton of production)
3	Total Land available	30 Acres
6	Water Requirement	It is expected that 50 KLD water (including domestic) will be required as make up water Process water requirement : 1167M3/hr Water consumption/loss in the process : 46.0 M3/hr Recycled water : 1121 M3/hr The overall consumption is 0.23 m3/ tone. Therefore, water requirement for the whole plant is 46 M3/hr
7	Tailing generation	0.3168 Mio TPA on dry basis
8	Source of Raw water	From mining pit of captive mine
9	Alternative Source of Power	D. G. Set of 250 KVA
10	Cost of project	Rs 50 Crores (including land)
11	Capital Cost of Pollution Control Equipments	Rs 64.79 Lacs (Bag Filter, Dry Fog, Sprinkler etc)
12	Recurring cost for environmental management etc (Proposed)	19.20 Lacs

13	Number of employment generation	100 persons for Operation phase
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Environment Setting of Project

Particulars	Details
Locations	
A. Village	Jhiti
B. Tehsil	Sihora
C. District	Jabalpur
D. State	Madhya Pradesh
Toposheet No.	64A/3 & 64A/6
General ground level	411m above MSL
Nearest National/ State Highway	Sihora – Kundam Road = 3.50km- N NH-7 – 11.25km
Nearest Railway Station	Sihora Road– 12.50km
Nearest Airport	Jabalpur – 24km
Nearest Religious place	None within 10km radius
Archaeological Important Place	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
Interstate Boundary	None within 10km radius
Reserved / Protected Forest within 10km radius	Dabra RF – 4.50 km –SSE Bodhari R.F. – 3.50km – SE Borha RF- 4.25 KM- SSW Taunri RF- 7.75 km- SSE
Nearest major city >50000 population	None
Nearest Town/City within 10km radius	Sihora – 14.00 km
Dist. Head quarter	Jabalpur- 29.00km

Land Use break up of Project

SL No	Description	Area in Acre
1	Plant & Machinery's	1.6
2	Raw Material Storage	2.9

3	Final Product Iron Ore Concentrate Storage	0.3
4	Administrative Buildings	0.15
5	Water Reservoir	1.23
6	Road	3.0
7	Green Area	10
8	Open Area	10.52
9	Tailings Storage	0.3
	Total	30.00

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 prior EC for Iron Ore Beneficiation Plant at Village-Jhiti, Tehsil- Sihora, Distt. - Jabalpur (M.P.) Production Capacity of 4,80,000 Ton Per Year of Iron Ore Concentrate At Khasara No 449,451,442,443,444,448,450,453,432,434,437,438,441, 445,& 452 At Village-Jhiti, Tehsil-Sihora, Distt. - Jabalpur (M.P.) of Geomin Iron Manufacturing Private Limited Katni (MP)

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.

2. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS.
3. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
4. DG exhaust will be discharged at height stipulated by CPCB.
5. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
6. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. About 1167 M³/hr process water is required for treating 200 TPH of feed out of which 1121 m³/hr can be recycled. There is no effluent let out from the Beneficiation Plant. Water from the Thickener & CVDF & Pressure Filter is also reclaimed and recirculating water in the process. Total water requirement is about 50 KLD Narmada Canal, Rain Water storage from mines and Recycled water shall be used for dust suppression, beneficiation process, green belt suppression for project. Prior permission shall be obtained from the concerned regulatory authority/CGWA (If applicable) in this regard.
2. The project proponent shall provide online continuous monitoring of effluent (if applicable), the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
3. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises, for which PP shall provide Thickener, Filter Press and recycling system for making system zero discharge
4. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
5. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.

6. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
7. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
8. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG sets for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.

(F) Waste management

1. From beneficiation plant, tailing shall be generated 3,16,000 TPA on dry basis with 15% moisture. About 1167 M3/hr process water is required for treating 200 TPH of feed out of which 1121 m3/hr can be recycled . For this purpose, tailing thickener & pressure filter shall be provided. In the Thickener & Pressure filter the tails get separated out & the water from tailing is recirculated to the Beneficiation Plant thus reducing the need of fresh water. The solid tailings to be used for Bricks manufacturing, land filling/ filling up of abandoned mines.
2. Thus, comprehensive utilization of iron ore tailings and water will be efficient, economical, socially beneficial to improve environment.
3. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
4. Hazardous wastes such as used oil, discarded drums, used carbon etc shall be directly sent to CTSDf, Dhar.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.

6. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
11. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
12. All the storage area of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks.
13. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
14. The company shall undertake waste minimization measures as below:
 - Metering and control of quantities of active ingredients to minimize waste.
 - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - Use of automated filling to minimize spillage.
 - Use of Close Feed system into batch reactors.
 - Venting equipment through vapour recovery system.
 - Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. As proposed total 10 acres will be covered with the good green belt and 10,500 trees will be planted. The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover

preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

3. PP shall also develop green belt over community places in consultation with gram panchayat

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) EMP& CER

1. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

2. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
4. The proposed EMP cost is Rs. 64.79 Lakhs as capital and 19.20 Lakhs /year as recurring cost.
5. PP shall propose physical targets based on public hearing under Corporate Environment Responsibility (CER).

Commitment towards public hearing Issue in terms of Physical Target
Total 100 manpower will be required for the project. Employment Opportunity to local people shall be made available and total 90% of the of the total requirement shall be from nearby villages/Town.
<p>Development aspect in terms of provision of infrastructure, Skill development programme, Jal Jiven Plan etc shall be executed. The details are as Follows :</p> <ol style="list-style-type: none"> a. Facilitating self-employment skill generation vocational training programmes for creating better self employment ventures through inducing skill among the youths as per the requirements of the beneficiation plants of area and mining project (10 youth every year) b. Infrastructure facilities at schools of nearby villages in terms of provision of computers, teachers, facility of safe drinking water, separate toilets for girls and boys, provision of furniture, additional rooms for school Jhiti , Muhari and Bijayan c. execution of plumbing network for implementation of Jal Jivan Scheme either to villagers houses or at school in at Jhiti , Muhari and Bijayan and Aganwadi etc. in consultation with the local administration. d. Development of plantation with 500 no at common place /school/panchayat bhawan of village – Jhiti

6. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

7. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

J. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
 3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 5. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any
 6. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
3. **Case No 8185/2021 M/s Satguru Cements Pvt. Ltd, Shri Rajesh Bansal, Director, 601, Airen Heights, PU-3, Scheme No. 54, Opposite C-21 Mall, AB Road, Dist. Indore, MP - 452010 Prior Environment Clearance for Limestone Deposit in an area of 6.773 ha. (Expansion from 7600 Tonne per annum to 300000 Tonne per annum) (Khasra No. 160, 162, 203, 167, 168, 169), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP)**

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 160, 162, 203, 167, 168, 169), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) 6.773 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Limestone deposit from 7,600 Tonne per annum to 3,00,000 Tonne per annum). During presentation it was observed that the lease is in 03 parts, PP submitted that mining is proposed only in one part. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. MoEF & CC compliance report in the EIA report.
2. Khasra numbers of all the lease parts also mention those khasra numbers where mining is proposed with showing on map.
3. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
4. Transportation plan & traffic management plan should be discussed in the EIA report.

4. Case No 8186/2021 M/s Satguru Cements Pvt. Ltd, Shri Rajesh Bansal, Director, 601, Airen Heights, PU-3, Scheme No. 54, Opposite C-21 Mall, AB Road, Dist. Indore, MP - 452010 Prior Environment Clearance for Limestone Deposit in an area of 8.941 ha. (Expansion from 50,000 tonne per annum to 300274 tonne per annum) (Khasra No. 147/1, 247, 249), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP)

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1, 247, 249), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) 8.941 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of Limestone deposit from 50,000 tonne per annum to 3,00,274 tonne per annum. Within lease some trees are existing PP stated that that the existing trees shall be kept intact in no tree felling is proposed. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. MoEF & CC compliance report in the EIA report.
2. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
3. Transportation plan & traffic management plan should be discussed in the EIA report.

5. Case No 8196/2021 M/s T.R.Constructions, Shri Bhaskar Takhtani, 402, Fortune Ambience, 4/2, South Tukoganj, Gali No. 5, Dist. Indore, MP - 452001 Prior Environment Clearance for Construction of Commercial Complex "TR UNITY ONE" (Total Permissible Built-up Area = 10489 sqm, Proposed Built-up Area = 7844.14 sqm) at Pipliyarao, Dist. Indore, (MP)

This is case of Prior Environment Clearance for Construction of Commercial Complex "TR UNITY ONE" (Total Permissible Built-up Area = 10489 sqm, Proposed Built-up Area = 7844.14 sqm) at Pipliyarao, Dist. Indore, (MP).

The case was presented by the PP and their consultant wherein PP submitted the salient features of the project:

- This is case of Prior Environment Clearance for Construction of Commercial complex [Total Plot Area = 6640 Sq mtrs ., Total Built-up Area = 30381.38 sq mt at Survey No 180/1/1/Min-1; Min-2 180/1/1/MIN-3; 180/1/1/Min-4; 180/1/1/Min-5; 180/1/1/Min-6; 180/1/1/Min-7 & 181/1/1 at Scheme No 9- Indore (MP),
- The application was forwarded by SEIAA to SEAC for appraisal and recommendation on the project The case was presented by the PP and their consultant in 484th SEAC meeting dated 26.02.201 and during presentation following details were provided.
- It is a commercial complex with provision of green features like solar power plant (20 KW), FAB technology based STP (135 KLD), MSW management, energy conservation measures, rain water harvesting system etc. PP has obtained permission from IMC for water supply, sewage disposal and MSW disposal.

S. No.	Item	Details
1.	Name of the project	The Unity-I complex [Total Plot Area = 6640 Sq mtrs
2.	S. No. in schedule	The project is categorized as 'B-1' under item 8 (a) of Schedule -Gazette Notification dated Sep 14th, 2006 and subsequent amendments issued by MoEF, New Delhi on 01.12.09 and 04.04.2011.
3.	Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled	The land use of the proposed project is as under:- complex [Total Plot Area = 6640 Sq mtrs ., Total Built-up Area = 30381.38 sq mt Use – Commercial complex for offices and other facilities Structure - 3 basements + 2 Ground floor+ 7 Floors
4.	New / Expansion / Modernization	New
5.	Existing Capacity/Area etc.	It is green field project

6.	Category of Project i.e. 'A' or 'B'	'B'											
7.	Does it attract the General condition? If Yes, please specify.	No											
8.	Does it attract the Specific condition? If Yes, please specify.	No											
9.	Plot/Survey/Khasra No.	180/1/1/Min-1; Min-2 180/1/1/MIN-3; 180/1/1/Min-4; 180/1/1/Min-5; 180/1/1/Min-6; 180/1/1/Min-7 & 181/1/1											
	Village	Scheme no 09 Indore (MP)											
	Tehsil	Indore											
	District	Indore											
	State	Madhya Pradesh											
10.	Nearest railway station/airport along with distance in kms.	Indore Railway Station is at a distance of about 7 KMS Indore Airport at a distance of about 19 KMS.											
11.	Nearest Town, City, District Headquarters along with distance in kms.	<table><tr><td>Nearest</td><td>Name</td><td>Distance</td></tr><tr><td>City</td><td>Indore</td><td>Within Municipal Area</td></tr><tr><td>District Headquarters</td><td>Indore</td><td>7 Kms</td></tr></table>			Nearest	Name	Distance	City	Indore	Within Municipal Area	District Headquarters	Indore	7 Kms
Nearest	Name	Distance											
City	Indore	Within Municipal Area											
District Headquarters	Indore	7 Kms											
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Indore Municipal Corporation											
13	Name of the applicant	By T R Construction 1. Bhaskar Takhtani - 2 Dinesh Raichandani 3 Hitesh Raichandani -											
14	Registered Address	Address - 402, Fortune Ambiance ; 4/2 South Tukoganj, Indore MP 452001.											
15	Address for correspondence:	Address - 402, Fortune Ambiance ; 4/2 South Tukoganj Indore, Madya Pradesh 452001.											
	Name	Mr. Bhaskar Takhtani											
	Designation (Owner/Partner/CEO)	Partner											
	Address	48-C Sampat Farm Indore, First Cross Road, Bicholi Mardana, Opposite Agarwal Public School Indore											
	Pin Code	400 011											
	E-mail	bhaskar.takhtani@gmail.com											
	Telephone No.	9826777777											
	Fax No.	-											
16	Whether there is any litigation pending	No											

	against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	
17	List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.	
18	Name of the consultant	Creative Enviro Services 42 Doorsnchar Colony E 8 Gulmohar Bhopal (MP)
19	SR. No. in Nabet/QCI List	29
Facility		Commercial Complex
Total Water Requirement		204.20KLD
Net Fresh Water Requirement		84.15KLPD
Total Waste Water Generation		113.00KLPD
Power Requirement		1978 KVA
Back up Power facility		1 No. X 250 KVA + 2 Nos. X 500 KVA DG SETS
Solid Waste generation		528 Kg/day
Height of buildings		29.55m+2.60m
Front MOS		12.00 mts
Rear MOS		7.50 mts
Width of main assess		7.50 mts
Parking area		Basement: 5380.14sq.m, Stilt :2347.79sq.m + Open-246.65sq.m = 7974.58 sq.m
Parking Number at each		153/78/10 =241
Area under Green belt		735 sq. m
Area under Roads		1823.36sqm

Area Statement Of Project As Per Sub Rule 30 Of Rule 2 Of MPBVR 2012				
Block No.	B.U.A. Including Balcony	Corridor	Floor	Total Floor Area
	Each Floor			
1	3031.26		Basement – 02	3031.26
1	3031.26		Basement – 01	3031.26
1	3031.26		Lower Ground	3031.26
1	1576.19	1310.73	Upper Ground	2886.92
1	1620.52	707.39	First	2327.91
1	1902.34	998.18	Second	2900.52
1	1902.34	577.22	Third	2479.56
1	1902.34	560.34	Fourth	2462.68
1	1902.34	560.34	Fifth	2462.68
1	1444.51	1018.17	Sixth	2462.68
1	1444.51	563.38	Seventh	2007.89

Details of Parking Statement				
Type of Parking	Parking spaces require as per norms of MPBVR 2012	Parking spaces provided	Number of Vehicles required as per norms of MPBVR 2012	Number of Vehicles provided as per norms of MPBVR 2012
Basement	5380.14	5380.14	153	153
Stilt	2347.79	2347.79	78	78
Open		246.65	10	10

After deliberations, the submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Construction of Commercial complex [Total Plot Area = 6640 Sq mtrs ., Total Built-up Area = 30381.48 sq mt at Survey No 180/1/1/Min-1; Min-2 180/1/1/MIN-3; 180/1/1/Min-4; 180/1/1/Min-5; 180/1/1/Min-6; 180/1/1/Min-7 & 181/1/1 at Scheme No 9- Indore (MP) , subject to the following special conditions:

I. Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Fire Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 2 Nos. of 500 KVA D.G sets and 1 no of 250 KVA will be used for backup. Fuel will be used HSD Fuel type. Source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG Sets should be equal to the height needed for the combined capacity of all proposed DG sets. Low sulphur diesel shall be used on DG Sets. The location of the DG sets may be decided with in consultation with MP Pollution Control Board.

- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xi. For indoor air quality, the ventilation provisions as per National Building Code of India shall be provided.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. Total water requirement will be 204.20 KLD and Total net fresh water use shall not exceed 84.15 KLD.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be monitored to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.

- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- vii. PP should explore the possibility of providing water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation.
- viii. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- ix. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- x. Total ground water recharge through Rain water harvesting would be 49 m³. Ground water recharging should be as per the CGWB norms.
- xi. All recharge should be limited to shallow aquifer.
- xii. No ground water shall be used during construction phase of the project.
- xiii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xiv. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xv. Total water requirement for the project is 204.20KLD. The generated sewage will be around 115 KLD and shall be treated in the STP of 135 KLD. The treated water of 104 KLD from STP shall be recycled/re-used for flushing , car washing, DG cooling , and gardening. Only excess treated water shall be discharged through drains
- xvi. No sewage or untreated effluent water would be discharged through storm water drains.
- xvii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problems from STP.
- xviii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise Monitoring and Prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. DG sets will be used during development phase of the project. As 3 Nos. of 800 KVA are D.G set will be used for backup. Noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- iv. Solar, wind or other Renewable Energy shall be installed in meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-law's requirement, whichever is higher.
- v. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power.

VI. Waste Management

- i. The solid waste generated from project will be mainly domestic in nature and the quantity of the waste will be 528 KG per day . Solid wastes generated will be segregated into biodegradable (waste vegetables and foods etc.) and non-biodegradable (Papers, Cartons, Thermo-col, Plastics, Glass etc.) components and collected in separate bins. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.

- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- v. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the MP Pollution Control Board.
- vi. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- vii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- viii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- ix. Used CFLs, TFLs and other e-waste should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid contamination.

VII. Green Cover

- i. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii. The 735 sq meters (20%) of area shall be shall be provided for green belt development as per the details provided in the project document.
- iii. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. Shrubs along the periphery of the project site and in other open spaces earmarked for this purpose. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

- iv. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- v. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
- vi. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. The parking facilities shall be provided of area 7974.58 sqm with meeting the minimum requirement of 35 sqm to each car in covered parking and 25 sqm for each car in open parking.
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation, provisions as per National Building Code of India shall be provided.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Occupational health surveillance of the workers shall be done on a regular basis.
- v. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. EMP

- i. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- ii. For Environment Management Plan PP has proposed Rs. 103.0 Lakhs as capital and Rs. 14.75 Lakhs as recurring cost for this project.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI. Miscellaneous

- i. The project proponent shall abide by all the commitments and recommendations made in the EMP report, and also that during their presentation to the Expert Appraisal Committee.

- ii. Explore the possibility of utilization of rain water in the sump well or through deep injection well.
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

6. Case No. 3719/ M/S R.K. Transport & Construction Ltd., 65-A Transport Nagar Korba Distt. Korba (CG). Prior Environment Clearance for approval of Sand Quarry in an area of 22.50 ha. (5,62,500 cum/year) at Khasra no.-1, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP)

This is case River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-1, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP) 22.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-2769, dated: 11/07/2015, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine and total area is 45.00 ha including this mine.

As stated above, this was part of cluster but Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No.Rait/2015-16/1187 Bhopal dated 03/11/2015 which was forwarded by SEIAA vide letter no 7166/SEIAA/15, Bhopal dated 03/11/15 has informed that earlier there were two mines forming cluster of 45.00 ha (cluster no. 4 of Itarsi code-2) but one mine namely Maroda-2, khasra No. 1, admeasuring 22.500 ha is not a operational cluster at present as this mine is not approved on tender. It is further submitted by Executive Director, M.P. State Mining Corporation Ltd., Bhopal that in such situation cluster no. 4 is not an operational cluster.

The case was discussed earlier in the 239th SEAC meeting dated 04/11/2015 wherein after deliberations; committee had decided to obtain a fresh certificate from the concern mining officer giving details of the number of mines with their respective areas within 1000 meter radius in the above context.

The case was again discussed earlier in the 256th SEAC meeting dated 03/01/2016 wherein it was observed that Mining Officer has submitted response to the above query vide letter no. 3638 dated 23/12/2015 informing that there is only one mine with area of 22.5 ha and the same was placed before the committee for scrutiny and necessary comments. Committee after deliberations decided that since the information from MO has been submitted, PP may be called for the presentation.

The case was again discussed earlier in the 10th SEAC (II) meeting dated 25/02/2016 wherein the case was presented by the PP and their consultant wherein during presentation and discussion it was observed that the certificate issued by the mining officer on dated 23/12/2015 states that total area of the lease is 45.00 ha out of which one lease name as Maroda-1 of Khasra no. 1 with area of 22.500 ha is sanctioned in the e-auction. If the above submission of Mining Officer is read with his another letter dated 16/12/2015 wherein it is stated that second lease named as Maroda-2 of 22.500 ha. no offer is received in e-auction for this mine. If areas of both the mines (Maroda-1 & Maroda-2) are clubbed together the total lease area in the 1000 meters periphery will be 45.00 ha and thus cluster is formed as there is no communication from M.P. State Mining Corporation Ltd., Bhopal regarding the e-auction status of second mine (Maroda-2). After discussion committee decided that PP may get the same confirmed from M.P. State Mining Corporation Ltd., Bhopal for further consideration of the project.

SEIAA vide their letter no. 11357/SEIAA/16 dated 19/02/2016 has forwarded the replenishment plan of the above lease received from Director, Geology and Mining, Bhopal for consideration.

The M. P. State Mining Corporation Ltd., vide their letter no. 2015-16/1654 dated 14/03/2016 has informed that in cluster no. 4 there are two leases with total area of 45.00 ha named as Maroda-1 and Maroda-2 of Khasra no. 1 with area of 22.500 ha each. The M. P. State Mining Corporation Ltd., has further submitted that the second mine Maroda-2 could not be auctioned in the e- auction process which was conducted 4 times till date and at present no e-auction process is in progress. It is further submitted that even if, in the ninth e-

auction process, this mine is auctioned then EIA and public hearing processes will be conducted for both the mines. Thus in this situation, it's not an operational cluster.

PP vide letter no. BP/BPL/32 dated 16/03/2016 also submitted that the adjacent mine (which is a part of cluster) could not be auctioned even fourth time by the M. P. State Mining Officer and thus their mine may be considered as non-cluster mine and their case (Maroda-1) may be re-considered for EC and have also submitted an affidavit that if in future the said mine is auctioned they will stop the mining operations at their mine and will go for EIA studies and public hearing through new application.

The case was presented by the PP and their consultant during which Shri. Raj Kumar Nema, OIC, Hoshangabad Office representing The M. P. State Mining Corporation Ltd was also present and informed to the committee that in Khasra no. 1 cluster no. 4 there are two leases named as Maroda-1 and Maroda-2 with area of 22.500 ha each. He further submitted that the second mine Maroda-2 could not be auctioned in the e- auction process which is conducted 4 times till date and at present no e-auction process is in progress. It is further submitted that even if, in the ninth e-auction process, this mine is auctioned then EIA and public hearing processes will be conducted for both the mines for which PP has also submitted an affidavit.

The committee after discussion decided that since only one mine is e-auctioned and second mine could not be e-auctioned till date as submitted by the the M.P. State Mining Corporation Ltd., vides their letter no. 2015-16/1654 dated 14/03/2016 and PP have also submitted an affidavit that if in future the said mine (Maroda-2) is auctioned they will stop the mining operations at their mine and will go for EIA studies and public hearing through new application. The committee after deliberations recommends that since the PP has submitted an affidavit that they will stop the operations of mine and will conduct EIA studies, in case the second mine is e-auctioned (Maroda-2), the case can be considered for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 5, 62,500 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.

- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021

“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority

SEIAA recommends these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

7. Case No. 3549/15 R.K. Transpor & Construction Ltd., 65-A Transport Nagar Korba Distt. Korba (CG). Prior E.Cfor approval of Sand Quarry in an area of 11.655 ha. (1,16,500 cum/year) at Khasra No.-365, Vill.-Mehraghat, Teh.-Hoshangabad, District-Hoshangabad (MP)

This is case of **Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-365, Vill.-Mehraghat, Teh.-

Hoshangabad, District-Hoshangabad (MP) 11.655 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO.

Earlier this case was presented by the PP and their consultant in 52nd SEAC-II meeting dated-12/10/2016, wherein it was observed that:

“Please refer minutes of 244th SEAC meeting dated-08/12/15 where TOR was approved.

As per the above, the TOR was issued to the PP vide letter no. 160 dated 28/01/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no.397 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.480 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented today by the PP and their consultant and during presentation it was observed that PP has submitted revised mining plan vide letter dated-02/09/2016 with quantity 1,16,500 cum/year only. Replenishment plan forwarded by SEIAA vide letter no.3531 dated-12/09/2016. During presentation it was suggested by the committee that no sand evacuation should be carried out from the eastern side of the lease. After presentation, PP was asked to submit following information:

- 1. Revised transportation route of sand duly marked on the Google image.*
- 2. Revised EMP with enhanced budgetary provision for road maintenance.*
- 3. Revised CSR as suggested by the committee during presentation.*
- 4. Environmental policy of the company.”*

The PP vide letter dated 04/11/2016 has submitted the reply which was placed before the committee for further evaluation. The committee after deliberation observed that the PP has

submitted the desired information which is satisfactory and acceptable, hence the 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 of Sand as per mine plan with quantity not exceeding 1,65,500 cum/year.
2. District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
7. No diversion of active channel should be allowed for mining.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

8. Case No. -5150/16 R.K. Transpor & Construction Ltd., 65-A Transport Nagar Korba Distt. Korba (CG). Prior Environment Clearance for Sand Deposit in an area of 8.377 ha. (8,377 cum/year) at Khasra no.-01, Village-Surelakalan, Tehsil-Pipariya, District-Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, Village-Surelakalan, Tehsil-Pipariya, District-Hoshangabad (MP) 8.377 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.154 dated:-03/05/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 8,377 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OM's.

9. Case No. 3435/15 Case No. -5150/16 R.K. Transpor & Construction Ltd., 65-A Transport Nagar Korba Distt. Korba (CG). Prior Environment Clearance for approval of Sand Mine in an area of 17.500 ha. (2,62,500 cum/year) at Khasra No.-181/1, Vill.-Rajon, Teh.-Babai, District-Hoshangabad (MP)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-181/1, Vill.-Rajon, Teh.-Babai, District-Hoshangabad (MP) 17.500 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3542 dated: 5/12/2015, has reported that there are two more mines operating or proposed within 1000 meters around the said mine with total area of 21.905 ha including this mine.

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 ‘B’:

1. Production of Sand not exceeding 2,62,500 cum/year as per mine plan.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

10. Case No.-5459/2016 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025. Prior Environment Clearance for Sand quarry in an area of 11.200 ha. (1,37,950 cum per annum) (Khasra no. 210) at Village- Kajalwani, Tehsil - Sausar, Dist. Chhindwara (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 210) at Village- Kajalwani, Tehsil - Sausar, Dist. Chhindwara (MP) 11.200 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.- 1004 dated: 01/07/2016 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed as per the Google image of May, 2016 based on the co-ordinates provided by the PP that >40% part of lease is submerged in water and also another river is joining the lease from the North Eastern

side. In the approved mine plan out of 1,12,000 sq. meter area only 68,975 sq. meter area is found suitable for mining. Thus PP was asked to submit revised operational production plan considering the area under submergence and leaving at-least 100 meters area from the river joining the lease. PP submitted that accordingly they have prepared the revised operational production plan. As per the revised operational production plan submitted by PP, only 37,320 sq. meter area is available for sand mining leaving the area under submergence, barrier zone and non- mining area as per approved mine plan. Thus committee after deliberation decided that since the available mining area is 37,320 sq. meter and the approved depth as per mine plan is 02 meters, only 74,640 cum/year sand can be evacuated from this lease. 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 'B':

- Production of Sand as per mine plan with quantity not exceeding 74,640 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

11. Case No 7077/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 3.0 ha. (30000 cum per annum) (Khasra No. 261), Village - Pipla Kanhan, Tehsil - Sausar, Dist. Chhindwara (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 261), Village - Pipla Kanhan, Tehsil - Sausar, Dist. Chhindwara (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2908 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented in the 436th meeting dated 30.05.2020 by PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, it was observed that eastern part of the lease is submerged into a water for which PP submitted that they will not excavate sand from the submerged water bed and this area will be remains as non – mining area . PP further submitted that water stream will not be disturbed.

After presentation the committee asked to submit following details:

1. PP will submit revises surface map showing non – mining area including leaving 3 meters from water channel.

2. Proposal for development of grass land on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above queries letter vide dated 04.06.2020, which was placed before the committee and the same found satisfactory. As per revised surface plan PP calculated as total quantity required for mining is 30,000 cum/year and , blocked sand quantity due to partially lease area is submerged in water is 17,505 cum. , after deduction the total available volume for mining of sand is reduced to 12,495 cum. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 12,495 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.54Lakh as capital and Rs 3.53 Lakh/year as recurring and under CSR Rs. 1.50 Lakh has proposed.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

12. Case No 8213/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Khodu- Bharu Sand Quarry in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 45/2/K), Village - Nagjhiri, Tehsil - Dharampuri, Dist. Dhar (MP)

This is case of Khodu- Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 45/2/K), Village - Nagjhiri, Tehsil - Dharampuri, Dist. Dhar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1040 dated 27/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, it was observed that this lease is Khodu-Bharu type sand mine, for which PP stated that this deposit made by Narmada River, also observed that some trees are existing within lease area PP stated that these all trees shall be remain intact and this area will be dealt as no- mining area. After presentation the committee asked to submit following details:

- PP's commitment that no trees shall be felling and tree occupied area will be delat no- mining area.
- Revised EMP, include proposal for grazing development in the nearby village.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 2,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.78 Lakh as capital and Rs 05.73 Lakh/year as recurring are proposed by PP.

13. Case No 8214/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Khodu- Bharu Sand Quarry in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 118/2), Village - Shahpura, Tehsil - Dharampuri, Dist. Dhar (MP)

This is case of Khodu- Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 118/2), Village - Shahpura, Tehsil - Dharampuri, Dist. Dhar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1030 dated 27/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, it was observed that this lease is Khodu-Bharu type sand mine, for which PP stated that this deposit made by Narmada River, also observed that within lease area natural drain is crossing PP stated that from natural drain to lease boundary at southern side shall be dealt as as no- mining area. After presentation the committee asked to submit following details:

- No tree felling is proposed.
- PP's commitment that from natural drain to lease boundary in the southern side shall be dealt as as no- mining area.
- Revised EMP, include proposal for grazing development in the nearby village.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 2,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.46 Lakh as capital and Rs 05.62 Lakh/year as recurring are proposed by PP.

14. Case No 8215/2021 M/s K.P, Singh Bhadoria Contractor, Authorized Person, Shri Chandrakant Gunjal, E-46, Balwant Nagar, Thatipur, Dist. Gwalior, MP, Prior Environment Clearance for Sand Quarry in an area of 0.610 ha. (2848 cum per annum) (Khasra No. 66), Village - Budhgaon, Tehsil - Bajag, Dist. Dindori (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 66), Village - Budhgaon, Tehsil - Bajag, Dist. Dindori (MP) 0.610 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. 632 dated 09/2/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, it was observed that river sand mine on the Narmada River, for which PP stated that manual mining shall be carried –out. During presentation as per Google image based on coordinates provided by PP, it was observed that the part of the lease is submerged in the water for which PP submitted that they will left submerged as non – mining area . After presentation the committee asked to submit following details:

- Justification why lease is allotted is <1.0 ha.
- Revised surface map showing non– mining area as part of the lease is submerged in the water.
- Revised plantation numbers @1500trees / hac.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 2848 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 5.25 Lakh as capital and Rs 02.35 Lakh/year as recurring are proposed by PP.

15. Case No. -5149/16 M/S R.K. Transpor & Construction Ltd., 65-A Transport Nagar Korba Distt. Korba (CG). Prior Environment Clearance for River Sand Quarry in an area of 6.00 ha. (60,000 cum/year) at Khasra no.-206, Village-Singhodi, Tehsil-Pipariya, District-Hoshangabad (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-206, Village-Singhodi, Tehsil-Pipariya, District-Hoshangabad (MP) 6.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.3458, dated: -09/11/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein submissions made by PP were found satisfactory and acceptable and thus the 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':

- Production of Sand as per mine plan with quantity not exceeding 60,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

As per the policy decision of 654th SEIAA meeting dated 28/01/2021....

“it has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority.

SEIAA recommends this case to SEAC for examination as per prevailing rules and guidelines.

The case was scheduled in 483rd meeting dated 18/02/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority SEIAA recommends, these cases to SEAC for examination as per prevailing rules and guidelines.

The case was scheduled for the presentation in 483rd SEAC meeting dated 18/02/21but 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 in this meeting but PP remains absent.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

16. Case No 8066/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, Dist. Dhar, (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, Dist. Dhar, (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patra) letter no. 1045 dated: 27/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that two road bridges are built on highways which are located both side of the lease as in the east and west side of the lease area thus mandatory safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC. After presentation the committee asked to submit following details:

- Revised production plan leaving safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged 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. 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 of Sand as per mine plan with quantity not exceeding 2000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.27 Lakh as capital and Rs 05.67 Lakh/year as recurring are proposed by PP.

The case was discussed in 657th SEIAA meeting dated 08/02/2021 and it has been recorded that.....

“PP has submitted the response of above quarries same data vide letter dated 28/01/2021 which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged 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. 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

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.

After detail discussion, As per Google image it seems that another mine also located within 500m. radius of the proposed mine lease area on Khasra No. 22 and it was also found that the EC has been issued in case no. 7209/2020 vide letter 1170-71/SEIAA/20 dtd. 19/06/2020. Thus, it seems that total area of the both mines is more than 5 ha. and it was observed that the case comes under category B1. After detail discussion it was decided that return this case with technical file SEAC for re-appraisal.

The case was scheduled in 483rd meeting dated 18/02/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled 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.

17. Case No 7073/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Pliant, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (40000 cum per annum) (Khasra No. 280), Village - Ambadi, Tehsil - Sausar, Dist. Chhindwara (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 280), Village - Ambadi, Tehsil - Sausar, Dist. Chhindwara (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2903 dated 15/5/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented in the 436th meeting dated 30.05.2020 by PP and their consultant. PP stated that this is a case of river sand mining on river Kanhan which is tributary of River Wainganga and mining will be done by manually. During presentation as per Google image based on coordinates provided by PP, PP further submitted that water stream will not be disturbed. After presentation the committee asked to submit following details:

1. PP will submit revises surface map showing non – mining area including leaving 3 meters from water channel.
2. Proposal for development of grassland on river bank.
3. Revised plantation species, as suggested add Jamun, Arjun, Peepal, Gular, Kadam, subabul, Sissoo tree.
4. Revised EMP with addition budget for evacuation road development, proposal of 10 nos. life jacket under PPE's in case of flood emergency.
5. Incorporate Grassland development, traffic awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above queries letter vide dated 04.06.2020, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 40,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 22.62 Lakh as capital and Rs 5.02 Lakh/year as recurring and under CSR Rs. 3.60 Lakh has proposed.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

18. Case No 7111/2020 Shri Shishir Khandar, Samashish Bhavan, 18, Malik Complex, Tenament Hotel, Airport Center Plient, Somalwada, Wardha Road, Dist. Nagpur, Mah. 440025 Prior Environment Clearance for Sand Quarry in an area of 1.320 ha. (19800 cum per annum) (Khasra No. 288), Village - Badosa, Tehsil - Bichua, Dist. Chindwara (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 288), Village - Badosa, Tehsil - Bichua, Dist. Chindwara (MP) 1.320 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. 2895 dated 15.5.20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that this is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP it was observed that area is minable. 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 of Sand as per mine plan with quantity not exceeding 19,800 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 3.99 Lakh as capital and Rs 2.35 Lakh/year and under CSR Rs. 0.40 Lakh/years has proposed.

As per the policy decision of 654th SEIAA meeting dtd. 28/01/2021“..... It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority. SEIAA recommends these cases to SEAC for examination as per prevailing rules and guidelines.

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.

However, during scrutiny of case file it was observed by the committee that in this case PP has not applied in form-4 “Application for amendment in Environmental Clearance”, as per provisions made by MoEF&CC through OM F. No. 22-1/2019-IA. III dated 11/06/2019 and sent by SEIAA, MP for necessary compliance by Endt. Letter no. 1217/SEIAA/2019 dated 20/06/2019. Thus after deliberations committee decided that the case file may be sent back to SEIAA for onward necessary action as per above referred OMs.

19. Case No 8219/2021 Shri Rasmeet Singh Malhotra, Near Alka Talkies, Nehru Ward, Pipariya, Dist. Hoshangabad, MP - 461775 Prior Environment Clearance for Sand Quarry in an area of 4.750 ha. (71250 cum per annum) (Khasra No. 127), Village - Simra Bahadur, Tehsil - Pawai, Dist. Panna (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 127), Village - Simra Bahadur, Tehsil - Pawai, Dist. Panna (MP) 4.750 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. 241 dated 08/2/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed that river sand mine on the Ken River and the part of the lease is submerged in the water for which PP submitted that they have already left submerged as non – mining area in the approved mine plan. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 71,250 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.51 Lakh as capital and Rs 05.46 Lakh/year as recurring are proposed by PP.

20. Case No 8220/2021 Shri Rasmeet Singh Malhotra, Near Alka Talkies, Nehru Ward, Pipariya, Dist. Hoshangabad, MP – 461775 Prior Environment Clearance for Sand Quarry in an area of 3.170 ha. (47500 cum per annum) (Khasra No. 485), Village - Pipariya Don, Tehsil - Pawai, Dist. Panna (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 485), Village - Pipariya Don, Tehsil - Pawai, Dist. Panna (MP) 3.170 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. 243 dated 08/2/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed that river sand mine on the Ken River and during presentation it was observed that in the down stream side of the lease road bridge is existed for which PP submitted that they have already left 60% area as non – mining area in mine plan as per Enforcement & Monitoring Guidelines for Sand Mining, 2020. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 47,500 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 4.249 Lakh as capital and Rs 03.42 Lakh/year as recurring are proposed by PP.

21. Case No 8217/2021 Shri Rajesh Pathak, Ward No. 15, Baihar Road, Dist. Balaghat, MP-481111 Prior Environment Clearance for Sand Quarry in an area of 4.990 ha. (94810 cum per annum) (Khasra No. 463), Village - Chicholi, Tehsil - Khairlanji, Dist. Balaghat (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 463), Village - Chicholi, Tehsil - Khairlanji, Dist. Balaghat (MP) 4.990 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 27 dated 04/1/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP submitted this is a case of river sand mine on the Wavanthadi River and the method of mining will be manual . After presentation the committee asked to submit following details:

- Revised evacuation rout as suggested by committee.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 of Sand as per mine plan with quantity not exceeding 94,810 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 52.21 Lakh as capital and Rs 07.46 Lakh/year as recurring are proposed by PP.

22. Case No 7434/2020 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 451228 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 4.0 ha. (30000 cum per annum) (Khasra No. 3/2), Village - Malgaon, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 3/2), Village - Malgaon, Tehsil - Kasrawad, Dist. Khargone (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 1795 dated: 01/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that The PP stated that this is a Khodu-Bharu type sand mine. PP further stated that, there are some trees within the lease area and the lessee committed that no tree shall be uprooted and this planted area shall be left as non mining area and showed on production map. After presentation the committee asked to submit following details:

- Revised plantation scheme as per suggested by the committee.
- Revised EMP adding budget for lifejackets.

The mining shall be done as per the approved mine plan by concerned DGMs. 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 15.67 Lakh as capital and Rs 4.02 Lakh as recurring cost and under CER Rs. 01.0 Lakh is proposed.

SEIAA vide letter no. 6573 dated 18/02/21 sent back this file to SEAC for examination as per prevailing rules and guidelines stating that as per the policy decision of 654th SEIAA meeting dtd. 28/01/2021 *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”*.

The case was presented by the PP and their consultant wherein it was submitted by PP that this case was discussed in the 452nd SEAC meeting dated 27/08/20 wherein SEAC has recommended for grant of EC for production of Sand as per mine plan with quantity not exceeding 30,000 cum/year. PP further submitted that approved mine plan is for semi mechanized open case method of mining (refer chapter 05) and same was presented during committee on dated 27/08/20 with details of machinery to be used for excavation and transportation which can be verified from the copy of presentation attached with the case file. Committee verified the facts from the case file and observed that submitted mine plan is for “semi mechanized open case method of mining” and PP has mentioned above facts before the committee during presentation. Committee further asked from PP whether any revised mine plan is submitted by them because SEIAA has mentioned that *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”*. PP submitted that they have not submitted any revised mine plan. Committee after deliberations decided that since PP has not submitted any revised mine plan, the committee standby it's following earlier recommendations made in 452nd SEAC meeting dated 27/08/20:

“The mining shall be done as per the approved mine plan by concerned DGMs. 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 ‘C’:

- 1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.*
- 2. A budgetary provision for Environmental management Plan of Rs. 15.67 Lakh as capital and Rs 4.02 Lakh as recurring cost and under CER Rs. 01.0 Lakh is proposed”.*

23. Case No 7435/2020 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 451228 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 3.0 ha. (45000 cum per annum) (Khasra No. 4/1), Village - Makadkheda, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 4/1), Village - Makadkheda, Tehsil - Kasrawad, Dist. Khargone (MP) 3.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2229 dated: 28/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the filled due to erosion and recurrence flood by Narmada River in the long course of time. The method of mining will be open cast semi mechanized. It was observed that some trees are existing within lease PP stated that, these are some trees shrubs and the lessee committed that no tree /shrubs shall be uprooted and this area shall be left as non mining area and showed on production map.

- Revised plantation scheme as per suggested by the committee.
- Revised EMP adding budget for lifejackets.

The mining shall be done as per the approved mine plan by concerned DGMs. 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 45,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.78 Lakh as capital and Rs 4.02 Lakh as recurring cost and under CER Rs. 01.0 Lakh is proposed.

SEIAA vide letter no. 6569 dated 18/02/21 sent back this file to SEAC for examination as per prevailing rules and guidelines stating that as per the policy decision of 654th SEIAA meeting dtd. 28/01/2021 *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”*.

The case was presented by the PP and their consultant wherein it was submitted by PP that this case was discussed in the 452nd SEAC meeting dated 27/08/20 wherein SEAC has recommended for grant of EC for production of Sand as per mine plan with quantity not exceeding 45,000 cum/year. PP further submitted that approved mine plan is for semi mechanized open case method of mining (refer chapter 05) and same was presented during committee on dated 27/08/20 with details of machinery to be used for excavation and transportation which can be verified from the copy of presentation attached with the case file. Committee verified the facts from the case file and observed that submitted mine plan is for “semi mechanized open case method of mining” and PP has mentioned above facts before the committee during presentation. Committee further asked from PP whether any revised mine plan is submitted by them because SEIAA has mentioned that *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”*. PP submitted that they have not submitted any revised mine plan. Committee after deliberations decided that since PP has not submitted any revised mine plan, the committee standby it's following earlier recommendations made in 452nd SEAC meeting dated 27/08/20:

“The mining shall be done as per the approved mine plan by concerned DGMs. 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 ‘C’:

- 1. Production of Sand as per mine plan with quantity not exceeding 45,000 cum/year.*
- 2. A budgetary provision for Environmental management Plan of Rs. 12.78 Lakh as capital and Rs 4.02 Lakh as recurring cost and under CER Rs. 01.0 Lakh is proposed”.*

24. Case No 7432/2020 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 451228 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 4.0 ha. (15000 cum per annum) (Khasra No. 107/3), Village - Kathora, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 107/3), Village - Kathora, Tehsil - Kasrawad, Dist. Khargone (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2183 dated: 20/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that The PP stated that this is a Khodu-Bharu type sand mine. PP further stated that, there are some trees within the lease area and the lessee committed that no tree shall be uprooted and this planted area shall be no mining area. After presentation, PP was asked to submit response on following:

- Revised plantation species as per suggested by the committee.
- Revised EMP adding budget for lifejackets.

The mining shall be done as per the approved mine plan by concerned DGMS. 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 15,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 15.47 Lakh as capital and Rs 3.26 Lakh as recurring cost and under CER Rs. 0.60 Lakh is proposed.

SEIAA vide letter no. 6567 dated 18/02/21 sent back this file to SEAC for examination as per prevailing rules and guidelines stating that as per the policy decision of 654th SEIAA

meeting dtd. 28/01/2021 *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”.*

The case was presented by the PP and their consultant wherein it was submitted by PP that this case was discussed in the 452nd SEAC meeting dated 27/08/20 wherein SEAC has recommended for grant of EC for production of Sand as per mine plan with quantity not exceeding 15,000 cum/year. PP further submitted that approved mine plan is for semi mechanized open case method of mining (refer chapter 05) and same was presented during committee on dated 27/08/20 with details of machinery to be used for excavation and transportation which can be verified from the copy of presentation attached with the case file. Committee verified the facts from the case file and observed that submitted mine plan is for “semi mechanized open case method of mining” and PP has mentioned above facts before the committee during presentation. Committee further asked from PP whether any revised mine plan is submitted by them because SEIAA has mentioned that *“It has been observed that multiple cases which were granted EC transfers as per the prevailing mining plan have now requested for consideration of revised mining plan approved by competent authority”.* PP submitted that they have not submitted any revised mine plan. Committee after deliberations decided that since PP has not submitted any revised mine plan, the committee standby it's following earlier recommendations made in 452nd SEAC meeting dated 27/08/20:

“The mining shall be done as per the approved mine plan by concerned DGMS. 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 ‘C’:

- 1. Production of Sand as per mine plan with quantity not exceeding 15,000 cum/year.*
- 2. A budgetary provision for Environmental management Plan of Rs. 15.47 Lakh as capital and Rs 3.26 Lakh as recurring cost and under CER Rs. 0.60 Lakh is proposed”.*

25. Case No 7335/2020 M/s Jay Ambey Mines, Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Expansion of Stone Quarry in an area of 3.30 ha. (68800 to 150000 cum per annum) (Khasra No. 2276) at Village- Prakash Bamhauri, Tehsil- Gaurihar, District- Chhatarpur (MP)

This is case of Expansion of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2276) at Village- Prakash Bamhauri, Tehsil- Gaurihar, District- Chhatarpur (MP) 3.30 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. 890 dated 03/6/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.3 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	Adjacent to lease.	West	Minimum 10 meters set back shall be left.
Trees	02 within lease	--	Plantation scheme. If proposed to be uprooted, 20 additional plantations shall be added in the scheme.
Pond	280	NE	Protection plan with Garland drains and settling tanks shall be provided.

PP further submits that method of mining will be opencast semi-mechanized and ultimate depth of mining will be 36m. After presentation the committee asked to submit following details:

- Being case of expansion compliance report of earlier EC conditions duly verified by the competent authority shall be submitted.
- Protection plan for nearby nallah.

- 02 trees in the lease area thus their management plan shall be submitted.

The case was discussed in 655th SEIAA meeting dtd 29/01/2021 and it has been recorded that.....As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide L.no. NIL dated NIL received in SEIAA office 22/01/2021 to relist the case as PP is now ready to present their case in SEAC, Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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.

The case was scheduled in 482rd meeting dated 17/02/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 482rd meeting dated 17/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

26. Case No. – 6532/2019 Shri Jagdish Chaturvedi S/o Ram Bihari, Badaurakalan, Gaurihar, Dist. Chhatarpur, MP. Prior Environment Clearance for Stone Mine in an area of 1.00 ha. (23,000 cum per annum) (Khasra No. 387, 388), Village - Ghatahari, Tehsil - Gaurihar, 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. 387, 388), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP). 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2674 dated: 11/06/19 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 2.950 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that it is case of expansion of production capacity from 3000 cum. per annum to 23,000 cum. per annum. PP has already obtained the EC from DEIAA in old production i.e. 3000 cum. per annum. After deliberation committee asked PP to submit earlier EC compliance report.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	100	South-East	-

During appraisal of the project it was observed from the Google image that the lease area is already excavated for which PP submitted that it's a case of expansion from 3000 cum/year to 23,000 cum/year. After presentation the committee asked to submit following details:

- Submit earlier EC compliance report issued by DEIAA.
- Details of volume of stone excavated from the lease after DEIAA permission.
- One tree reported by PP for which details and permission letter shall be submitted.
- Commitment by PP that control blasting shall be carried out with provision of sand bags to avoid fly rocks/ trajectory.
- Undertaking that mining was done within their lease.
- Commitment that no crusher will be installed in this lease.

The case was discussed in 656th SEIAA meeting dtd 30/01/2021 and it has been recorded that..

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

PP has submitted require documents vide L.No. nil dated 25/01/2021 received in SEIAA office 27/01/2021 to relist the case as PP is now ready to present their case in SEAC considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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.

27. Case No 8208/2021 Shri Krishnapal Singh S/o Shri Raghuveer Singh, R/o Village - Dastakhedi, Tehsil - Gulana, Dist. Shajapur, MP - 465223 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (6000 cum per annum) (Khasra No. 1140 Part), Village - Makhawad, Tehsil - Gulana, Dist. Shajapur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1140 Part), Village - Makhawad, Tehsil - Gulana, Dist. Shajapur (MP) 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 38 dated: 09/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Stone mining. During presentation it was also observed that a natural drain is passing from the north –east corner of the lease. Committee asked PP to left 50 meter setback from the drain. After presentation the committee asked to submit following details:

- Revised surface map showing non– mining area w.r.t. natural drain is passing from the north –east corner of the lease.

- Revised EMP wherein include cost of grazing land development in the Capital.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 6,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.72 Lakh as capital and Rs 03.80 Lakh/year as recurring cost are proposed by PP.

28. Case No 8190/2021 Shri Ashok Kumar Mittal S/o Shri Samarthmal Mittal, 109, Dashrath Nagar, Dist. Mandsaur, MP – 458001 Prior Environment Clearance for White Shale Stone Mine in an area of 0.59 ha. (2200 MT per annum) (Khasra No. 1374, 1375, 1376), Village - Kangheti, Tehsil - Malhargarh, Dist. Mandsaur (MP)

This is case of White Shale Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1374, 1375, 1376), Village - Kangheti, Tehsil - Malhargarh, Dist. Mandsaur (MP) 0.59 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. 162 dated: 15/01/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 25.49 ha., including this mine.

The case was presented by the PP and their consultant wherein PP submitted that it's a case of white shale stone mining, using for slate pencil industry and no blasting is proposed. Further, PP quoted MO letter vide no. 162 dated: 15/01/2021 that 01 mine is existed within 500 meter, which is area of 24.90 ha. , which is non – operative since the year 2016. Hence ,this are shall be be counted in the light OM S.O. 2269 (E) dated 01st July 2016 . After presentation the committee asked to submit following details:

- Mining Officer statement that the lease is not in operation since the year 2016.

29. Case No 8206/2021 Shri Vijay Yadav S/o Shri Prakashchandra Yadav, Village - Julwaniya, Tehsil - Rajpur, Dist. Badwadi, MP – 451449 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (50000 cum per annum) (Khasra No. 488/21), Village - Jahoor, Tehsil - Rajpur, Dist. Badwani (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 488/21), Village - Jahoor, Tehsil - Rajpur, Dist. Badwani (MP) 4.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1735 dated: 15/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein PP submitted that it's a case of stone mining. It was observed that 02 natural stream are originating from the lease this PP submitted that no course of natural flow shall be changed. After presentation the committee asked to submit following details:

- Proposal for 02 additional settling tanks of appropriate size to collect surface run-off with financial budget.
- Space available at pit bottom.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 24.02.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 50,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 08.65 Lakh as capital and Rs 02.03 Lakh/year as recurring cost are proposed by PP.

30. Case No 7506/2020 M/s Siddhi Vinayak Stone Crusher, Shri Vijay Kunderiya, Partner, Ward No. 19, Basari Darbaza, Near Kamla Nehru, Dist. Chhatarpur, MP - 471001 Prior Environment Clearance for Stone Quarry in an area of 2.8440 ha. (150000 cum per annum) (Khasra No. 2149, 2150, 2224), Village - Kanti, Tehsil - Chhatarpur, 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. 2149, 2150, 2224), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 2.8440 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. 2392 dated: 22/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 456th meeting dated 17/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 456th meeting dated 17/09/2020.

The case was scheduled again for presentation in 463rd SEAC meeting dated 01/10/20 but neither the Project Proponent (PP) nor his representative remains absent. PP was also absent in the 456th meeting dated 17/09/2020. It appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 655th SEIAA meeting dtd 29/01/2021 and it has been recorded that...

As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide L.No. NIL dated 11/01/2021 received in SEIAA office 12/01/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal copy to PP and all concerned.

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.

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Rubina Chaudhary)
Member

(Dr. Sonal Mehta)
Member

(Dr. J. P. Shukla)
Member

(Dr. Anil Sharma)
Member

(A. A. Mishra)
Secretary

(Mohd. Kasam Khan)
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. Overhead sprinklers arrangements with solar pumps 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 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. 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 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

15. 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.
16. 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'.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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 dated 16/01/2020.
23. 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".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
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.

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. Overhead sprinklers arrangements with solar pumps 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 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. 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.

17. 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.
18. 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.
19. 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.
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".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
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.
28. 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 below 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.

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. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate 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 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. Mining Lease boundary shall be appropriately earmarked with fencing.
27. 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.

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 analysed.
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. 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.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.