

The 369th meeting of the State Expert Appraisal Committee (SEAC) was held on 03rd May, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Shri Prashant Srivastava, Member.
5. Dr. R. Maheshwari, Member.

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

1. **Case No. - 5754/2018 Satguru Cement Private Limited, 601/1, Airen Heights, Scheme No. 54, PU-3, Opposite C-21 Mall, A.B. Road Indore (MP) Prior Environment Clearance for Integrated Cement Manufacturing Unit and Captive Power Plant Including Waste Heat Recovery Plant (0.825 MTPA Clinker & 0.95 MTPA Cement Plant, 12 MW Captive Power Plant, 7 M WHR Plant) at Khasra no.- a) Karondiya : 4, 24, 26/1, 36, 37/1, 33/1, 33/2, 34, 24/1/1/1, 24/2 b) Attarsuma: 61, 72/1, 75/1 c) Ghursal : 361/1, 365/1, 367/1, 368/1, 380/1, 380/2, 382, 383, Village Karondiya, Attarsama & Ghursal, Tehsil Gandhwani District Dhar (MP) Category: 3(b) Cement Project. Env. Con. – Creative Enviro Services, Bhopal (M.P.).**

This is a case of Integrated Cement Manufacturing Unit and Captive Power Plant Including Waste Heat Recovery Plant (0.825 MTPA Clinker & 0.95 MTPA Cement Plant, 12 MW Captive Power Plant, 7 MWHR Plant) The project is covered as item 3(B) in the schedule of EIA notification as standalone grinding unit and hence requires prior EC from SEIAA before commencement of any activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The project is proposed in Village Karondiya, Attarsama & Ghursal, Tehsil – Gandhwani, District - Dhar (M.P.). The land for the project has been allotted by AKVN Indore. The application pertaining to EC was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee. The presentation and the submissions made by the PP reveals following: The case was presented by the PP and their consultant and during presentation following details were provided.

Salient features of the project:

The proposed cement plant will be operated on dry basis, which offers more advantages, particularly in fuel & water conservation. The proposed plant comprises of limestone crusher, raw mill, pre-heater & pre-calciner, rotary kiln, cooler, coal mill and cement mills & packers in Cement Plant. The cement will be Ordinary Portland Cement (OPC) and Pozzolona Portland Cement (PPC).

Particulate	Details
Capacity	Integrated Cement Plant of capacity 0.825 Million TPA of clinker and 0.95 Million TPA of Cement, A Captive Power Plant (CPP) of 12 MW and Waste Heat Recovery System (WHRS) of 7 MW
Cost of Project	Rs. 425.40 Crore
Cost of Pollution Control Equipments	Approximately Rs. 1000 Lacs
Type of Fuel	30% Imported coal and 70% Pet coke (1:1 ratio) for cement plant and 100% Indian coal for Power Plant
Source of Fuel	Imported
Water Requirement	885 KLD for integrated plant and colony
Source of Raw water	Surface water and at a later stage the rain water accumulated in working pit in the mining area.
Major Equipments	Kiln, Coal Mill, Raw mill, Cooler, Cement mills, Boilers (CPP and WHR Plants) and Turbo Generator
Type of Boiler	Atmospheric Fluidized Bed Combustion
Pollution control equipment	ESP and Bag Filters
Level of particulate Matter after APC	< 25mg/ NM ³
Total Employment generation	Total 450 nos. of employees are proposed to be in employment
Ash Generation	70 TPD
Fly Ash Silo Capacity	1 X 100 T

Environmental Setting of Project:

Particulars	Details
Village	Karondiya, Atarsama, Ghursal, The Gandhwani Dist Dhar (MP)
Latitude	22°23'7.68"N-22°23'21.96"N
Longitude	75° 4'24.18"E - 75° 4'33.25"E
General ground level	310mRL
Elevation range	Highest -305 m MSL, Lowest- 291 m MSL
Nearest National/ State Highway	SH - 38 – Adjacent - W
Nearest Railway Station	Mhow – 74.0 km
Nearest Airport	Indore – 83.25 km

Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
Nearest hill range within 10km radius	Sardarpur Pahar - 5.0 km - N
Reserved / Protected Forest within 10km radius	Sardarpur RF - 6.00 km - NE
Nearest major city with 100000 population within 10km radius	None
Nearest Town/City within 10km radius	Gandhwani - 8.50 km
Nearest Village	Karonidya - 0.75 km - SW
Nearest River with 10km radius	Man River - 1.50 km - E Sukkar Nadi - 0.50 km - W Gandharwa Nadi - 6.75km - W
Nearest Nalla/pond	Man Reservoir - 2.50 km - NE Canal - 0.20km - E
Mines within 2km radius	Mohanlal Bansal, Karondiya Satguru Cement, Ghursal
Industry within 10km radius	M/s Satguru Cement Pvt. Ltd. Ghursal Dist Dhar

The case was presented by the PP in 329th SEAC meeting dated 23/10/2018 for issuing of TOR to carryout EIA studies with site specific details. 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. Ambient Air Quality Monitoring Stations should be located in all the villages which are within 01 kms radius of the project site and incremental GLC should be predicted in all such villages.
2. Concerned Regional Officer, MP Pollution Control Board must be informed about the monitoring locations and monitoring should be carried out under intimation to him.
3. In EIA study the mode of transportation, storage of fly ash, all raw materials and products should be discussed along with their impacts.
4. Protection Plan for surface run off should be discussed in EIA report.
5. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
6. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
7. Transportation plan & traffic management plan should be discussed in the EIA report.
8. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
9. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.

10. Year wise details of minerals already excavated till date should be submitted with EIA report.
11. Hydro geological study should be carried out if ground water intersection is proposed.
12. Top soil management plan should be addressed in EIA report.
13. Input data of modeling should be addressed in EIA along with this all back up calculation.
14. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
15. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
16. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
17. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.

PP has submitted the EIA report vide letter dated 03/04/2019, which was forwarded by the SEIAA vide letter no. 311 dated 23/04/2019.

The case was presented by the PP and thier consultant apart from salient features following are the details of Emission, Effluents, Hazardous Waste Generation, and Management & EMP:

- The waste water generated from cement plant and CPP shall be treated in the treatment plant 60 KLD shall be provided. The sewage generated from the colony shall be treated at another STP of 150 KLD.
- On implementation of rainwater harvesting system, the total quantum of water recharged to ground water would amount to 238997 m³/annum. Implementation of ground water augmentation measures like bore well recharge, recharge pits with recharge wells and recharge through check dam with recharge well, would increase the ground water resource of the area and thereby preventing the decline in water levels and yields of bore wells in the area.
- No ground water withdrawal is proposed for industrial and domestic use.
- Water conservation plan will be carried out by recycling and reuse of treated domestic waste water in gardening, dust suppression which will reduce the fresh water demand.
- No effluent generation from process. Blow down from TPP will be neutralized and will used for various ancillary purposes within the plant.
- Proper spill control measures for stored chemicals, raw material is/ will be done.
- Regular monitoring of water quality will be done.

- Proper ad covered storage area will be provided to avoid leakage and spillage.
- Zero discharge condition will be maintained. PTZ camera with connectivity to server of MPPCB will be provided to monitor the condition.
- Provision of drainage network in within the plant and colony area.
- Regular inspection and cleaning of storm drains.
- Provision of secondary containment and dykes in fuel/oil storage facilities.
- Preparation of spill response plans, particularly for fuel and oil storage areas.
- Good housekeeping in the above areas.

Details of Source of Emission and Control Measures

- Various major sources of particulate emission constitute flue gases from:-
- Raw Mill, Kiln, Clinker Cooler, Coal Mill, Cement Mill, Cement packing plant
- Material supply (Transportation)
- Raw Material Storage
- Product Manufacturing
- Gaseous emission from CPP
- Movement of vehicle inside plant

Pollution Control Equipment									
Emission Source	Pollution Control Equipment	Designed Emission level (mg/nm³)	Stack Dia (mt)	Stack Height (mt)	Velocity m/s	Temp (°C)	Emission rate (g/s)		
							TPM	SO₂	NOx
Kiln No. 1	Bag House	25	3	90	12	200	3	3.48	97.42
Coal Mill	Bag Filter	25	1.6	45	12	70	0.4	Nil	Nil
Clinker Cooler	Electro Static Precipitator (ESP)	25	2.5	40	12	250	2.6	Nil	Nil
Cement Mill	Bag Filter	25	1.5	35	12	90	0.4	Nil	Nil
Thermal Power Plant	Hybrid Filter	25	2.5	75.0	18	120	0.39	64.83	6.70

During the operational phase of the site, following measures are implemented / proposed for implementation:

- All pollution control equipment will be designed for less than **25mg/Nm³** dust on dry basis. Covered sheds/Silos shall be provided for raw materials and finished products.
- Stacks at various points with adequate height for wider dispersion of gaseous emissions have already been provided.
- **1** no of closed silo system for storage of fly ash with capacity of **850 T** shall be provided.
- **1** No. of covered limestone stacker re-claimer having capacity of **2 x 15000 MT**, covered laterite storage having capacity of **3000 MT**, coal covered shed having capacity of **10000 MT**, **1** no of clinker silo having capacity of **20000 MT**, **one** covered gypsum shed having capacity of **2500 MT** shall be provided.
- Water sprinkling system shall be provided at the limestone crushing system.
- Transportation of clinker to clinker silo is done through covered conveyor to prevent fugitive emission.
- Transportation of fly ash to silo will be done pneumatically from tanker to avoid fugitive emission. The same shall be maintained all the time
- Fly ash transportation will be transported by closed tankers.
- Covered unloading hoppers with closed roof will be provided.
- Greenbelt will be developed **5 m** all around the periphery of the plant to arrest the fugitive emissions. Total **19800** trees are proposed within Plant, and colony over **9.9 hact** of area.
- Online emission monitors will be provided for major stacks and same arrangement shall be maintained all the time.
- Preventive maintenance of valves, flanges, joints, roof vents of storage vessels in practice. The fugitive dust emissions will be controlled by installation of closed conveyor system along with suitable dust suppression measures:
- Dust collectors systems will be provided at various material transfer points.

- Dust collected from air pollution control equipments will be totally recycled in the process.

List of Supporting Dust Collector's for Plant				
S.N.	Location	Used For	Capacity	
			M3/Hr.	mmWG
1	Surge Bin – 2 No's	Dedusting of Feed Belt Conveyor	16,000	150
2.	Blending & Storage Silo	Dedusting of Raw Meal Silo No.1	20,000	250
3.	Kiln Feed No.1	Dedusting of Kiln Feed	24,000	350
4.	Cement Mill – 2 No's	Dedusting of Cement Mill No.2	30,000	300
5	VRPM / Roll Press for Cement Mill – 2 No's	Dedusting of VRPM / Roll Press	45,000	500
6.	Clinker Reclaimer – 2 No's	Dedusting of Clinker Reclaimer	5,600	100
7.	Cement Storage Silo – 4 No's	Dedusting of Cement Silos	9,000	200
8.	Packer No.1&2 – 4 No's	Dedusting of Packer No.1&2	15,000	120
9.	Coal Blending System	Dudusting of Coal Handling System	25,000	150
10.	Coal Transfer Points	Dedusting of Coal Transfer points	4,200	120
11.	Coal feeding at Kiln inlet	Dedusting of Coal Feeding at kiln inlet	4200	120
12.	Clinker Silo	Dedusting of clinker Silos	8500	120
13.	Fly ash Silos	Dedusting of Fly ash Silos	9000	150

Solid Waste Generation and their End Use		
S. No.	Type of Waste	End Use / Disposal
1	Dust collected from air pollution control equipment.	Totally recycled in process.
2	Sludge from Sewage Treatment Plant.	Manure for greenbelt development.
3	Fly ash from CPP.	Utilization in manufacturing of PPC grade cement
4	MSW from Colony and plant	Send to trenching ground of village Jeerabad

Fly Ash generation		
Description	Unit	Quantity to be generated

Ash Handling System		Pneumatic system will be used for the handling of fly ash	
Total ash quantity		TPA	23100 TPA
Waste Management			
Description	Expected Annual Qty	Unit of Measurement	Mode of Disposal
Used Oil	8	KL	Disposed off to authorized recyclers
Used Grease	2000	KG	
Lead Acid batteries	5	Number	Exchanged with OEMs
Metal Scrap	20	MT	Recycled through PCB approved Agencies
Rubber Belt Scrap	5	Mtr	Consumed in Kiln
Flyash	23100	MTPA	Used for Manufacturing of PPC
Bottom Ash	500	MTPA	Used for Manufacturing of Bricks
Transformer Oil	2	KL	Giving to PCB approved Agencies
STP Sludge	33000	Kg	Used as Manure and used for Plantation
MSW	91980	Kg	Send to trenching ground of village Jeerabad

Requirement of Water

The water requirement for Cement Plant, CPP, will be about **885 KLD** for including residential colony. In the operational phase, water for the proposed project shall be sourced from river. The approval has been obtained from the WRD

No wastewater will be generated from the cement manufacturing process. The waste water generated from cement plant and CPP shall be treated in the treatment plant **60 KLD** shall be provided. The sewage generated from the colony shall be treated at another STP of **150 KLD**. The water balance has been shown at previous slide.

Requirement of Power

The maximum power demand for the proposed Plant and Colony has been estimated at about **13.23 MVA**. The power requirement is proposed to be met through installation of Captive Power Plant (CPP) and Waste Heat Recovery based power plant (WHRS). Accordingly **12 MW** CPP together with **7 MW** power generation through WHRS is proposed. For emergency power requirement, grid connectivity has been envisaged.

Sources of Power:	
WHRS Capacity including HAG	7.0 MW Gross
Auxiliary (Self) Consumption of the plant	0.63 MW
Net Available Capacity	6.37 MW
Equivalent Demand in KVA @ 0.98 PF	6.37 / 0.98 = 6.5 MVA
Balance that would be sourced from the State Grid	6.73 MVA (Contracted Demand or through CPP)

Man Power Requirement

Total **450 nos.** of employees is proposed to be appointed during implementation and operation preference will be given to local people for the employment. Employment in skilled category will be done from outside if the skilled work force is not available in the nearby area;

Total Cost (EMP + CSR+ Plantation + Monitoring) for proposed project			
Sn	Particular	Amount (Rs in Lacs) Capital	Amount (Rs in Lacs) per annum – Recurring
1	Maintenance of Plantation (@ Rs 45/- per plant	-	8.91
2	Plantation (Capital cost) within plant	31.50	-
	Sub Total	31.50	8.91
3	CSR cost	319	16
	Sub Total	319	16
4	Occupational health and safety exp.	30	45
	Sub Total	30	45
5	Environmental Monitoring cost	190 + 1000 for APC's	19.70
	Sub Total	1190	19.70
6	MSW collection and transportation		
	Collection bin at Colony 02 (Dry and Wet) size- 10mL*10mW*2.5mH each (capacity 200kg)	1.00	0.50 (5km running@20/- per Km*365days
	Collection bin at Plant 30 (15 Dry and 15 Wet) Capacity- 5kg each@200Rs	0.06	
	Sub total	1.06	0.50
	Grand Total	1571.56	90.11

The EIA/EMP and other details of the projects which were found satisfactory and acceptable hence the case was recommended for grant of prior EC for Integrated Cement Manufacturing Unit and Captive Power Plant including Waste Heat Recovery Plant- (0.825 MTPA Clinker & 0.95 MTPA Cement Plant, 12 MW Captive Power Plant, 7 MW WHR Plant) at Khasra no.- a) Karondiya : 4, 24, 26/1, 36, 37/1, 33/1, 33/2, 34, 24/1/1/1, 24/2 b) Attarsuma: 61, 72/1, 75/1 c) Ghursal : 361/1, 365/1, 367/1, 368/1, 380/1, 380/2, 382, 383, Village Karondiya, Attarsama & Ghursal, Tehsil Gandhwani District Dhar (MP) Category: 3(b) Cement Project with subject to the following special conditions:

I Statutory Compliance

- i. The project proponent shall obtain Forest Clearance under the provision of Forest (Conservation) Act, 1986 in case of diversion of forest land for non- forest purpose involved in the project.
- ii. The project proponent shall obtain the recommendation of National Board for Wildlife if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.
- iv. 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.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. Air quality monitoring and preservation

- i. 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 (G.S.R. No. 612 (E) dated 25th S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB 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.

- ii. 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.
- iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Recycle and reuse lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.

- x. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- xi. Provide wind shelter fence and chemical spraying on the raw material stock piles; and
- xii. Provide Low NOX burners as primary measures and SCR /NSCR technologies as secondary measure to control NOX emissions.
- xiii. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xiv. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport
- xv. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB 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.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. MoM of 5th meeting of the Re-constituted EAC (Industry-I) MoM of 5th meeting of the Re-constituted EAC (Industry-I) held during 27-29th March, 2019 Page 67 of 132.

- iv. Adhere to 'Zero Liquid Discharge.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- I. 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.
- II. 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.

V. Energy Conservation measures

- I. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- II. Provide the project proponent for LED lights in their offices and residential areas.
- III. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- IV. Maximize utilization of alternate fuels & co-processing to achieve best practice norms.

VI. Waste management

- I. Used refractories shall be recycled as far as possible.
- II. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

- III. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plants

VII. Green Belt

- I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. 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.

- iii. 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.
- 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.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. MoM of 5th meeting of the Re-constituted EAC (Industry-I) held during 27-29th March, 2019 Page 68 of 132 vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.

X. Miscellaneous

- i. PP has proposed Rs. 251.0 lakh for environmental monitoring and management inclusive of green belt development and OHS aspects as capital and Rs. 73.61 lakh/year for recurring expenses in the proposed EMP of this project. And Under CER PP proposed Rs. 319.0 lakh as capital Rs. 16.0 lakh/year for recurring expenses.
- ii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- iii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities,

commencing the land development work and start of production operation by the project. vi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. vii. 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.

- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. 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.
- vi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

2. Case No. 3210/15 M/s Shiv Shakti Trading Co., Near Piyush School, Basant Vihar Colony, Barhi Road, Katni (MP)-483501 Prior Environment Clearance for approval of Bauxite, Laterite & Fire Clay Mining Lease Area - 7.46 ha., Capacity - (1,76,131 TPA) at Khasra No.-1568, Vill.-Padwar, Teh.-Bahoriband, District-Katni (MP) (TOR Extension)

This is case of Bauxite, Laterite & Fire Clay mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1568, Vill.-Padwar, Teh.-Bahoriband, District-Katni (MP) 7.46 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 264th SEAC meeting dated 12/01/2016. It being a case of Bauxite, Laterite & Fire Clay Mining, it was decided to

consider this case as B-1 and committee recommended issuing standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TOR's:-

1. Compliance report of earlier EC conditions from MoEF&CC.
2. Details of year wise production since 1993 to till date.
3. Area wise details of existing green belt and proposed at the end of mining period.
4. Inventory of operating / proposed mines within 2 Km around the said mine.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.

In the 340th SEAC meeting dated 30/01/2019 as the ToR validity of this case was lapse on 11.01.2019. However, PP has applied for TOR validity extension on dated 24/01/2019 (after the expiry of TOR) in SEIAA and copy has been submitted to SEAC vides inward No. 944 dated 24/01/2019. The case is forwarded to SEIAA for onward necessary action as per MoEF&CC OM dated 29/08/2017.

SEIAA vide letter no. 214 dated 12.04.2019 mentioned that “the case was discussed in 532 SEIAA meeting dated 02.04.2019 and it has recorded that...

“ToR was granted for Bauxite, Laterite & Fire Clay mine in 264th meeting of SEAC held on 12.01.2016. PP could not submit EIA/EMP report in time due to some unforeseen circumstances as TOR validity for this mine is expired at 11/1/2019. After the lapse of TOR validity, PP has requested vide letter dated 15/3/2019 to extend ToR validity for one year by submitting Form-I, Pre Feasibility Report and Proposed ToR, such extension will need EAC/SEAC consideration. This authority after perusal of the documents and considering request of PP, in accordance with the MoEF & CC OM dated 29/08/2017. The above letter along with Form-I PFR and Porposed ToR received from PP be sent to SEAC for consideration of the case.

The case was presented by the PP and their consultant wherein during discussion PP informed that there is no change in the production and requested committee that in the light of the MoEF&CC's O.M., dated 29/08/2017 for extension in the validity of TOR for one year. After deliberations, the committee recommends that the TOR validity may be extended for one year with validity up to 11/01/2020 based on revised from-1and PFR submitted by PP as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (part) dated 29/08/2017.

3. Case No 6150/2019 Shri Kishor Kumar Bagaria, M/s Shree Kamal Lime Industries, Station Road, Dist. Katni, MP Prior Environment Clearance for Expansion of Limestone & Dolomite Quarry in an area of 7.205 ha. (Limestone – 70,000 tonne per annum, Dolomite – 19,737 tonne per annum) (Khasra No. 29, 31, 61, 63), Village - Chandan, Tehsil - Barwara, Dist. Katni (MP).

This is case of Limestone & Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 29, 31, 61, 63), Village - Chandan, Tehsil - Barwara, Dist. Katni (MP) 7.20 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 & Dolomite, from 11,500 TPA to 70,000 TPA Limestone and 19737 TPA Dolomite. The committee after deliberation considered that it is being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC may be issued for conducting the EIA with following additional TORs and as per Annexure-D:-

1. Compliance of earlier consent conditions of MoEF & CC is to be submitted in the EIA Report.
2. In the EIA report detailed out slope stability and ground vibration study.

4. Case No. – 6130/2019 Shri Ajay Patidar, Village - Jalokheta, Tehsil - Badnawar, Dist. Dhar, MP – 454660 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (12,610 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 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. 726 dated: 11/04/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha., including this mine.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP, committee observed that coordinates of case no. 6119/2019 (belongs to Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665, Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) are very close proximity/ overlapping with the actual lease which was showed by the PP. The PP was asked to submit revised Form -1 and accordingly revised coordinates in the mining plan duly verified by the competent authority and this case may be sent to SEIAA for delisting.

5. Case No. – 6137/2019 Shri Vinod Kumar Shrivastave, R/o Badhagar, Gandhigram, Dist. Jabalpur, MP – 483222 Prior Environment Clearance for Laterite and Ocher Mine in an area of 3.237 ha. (Laterite – 52,126 tonne per annum, Ochre – 63,541 tonne per annum) (Khasra No. 1547), Village - Gandhigram, Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Laterite and Ocher Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1547), Village - Gandhigram, Tehsil - Sihora, Dist. Jabalpur (MP) 3.237 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. 2481 dated: 30/12/15 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 43.767 ha. including this mine.

The case was presented by the PP and their consultant. PP stated that it is old operating mine on government land. Committee after deliberation, being it's a case Stone Quarry with total area of 05.45 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. No blasting is proposed.
2. DGMS permission shall be taken by PP.
3. Committee suggested number of Air Quality Monitoring Stations for Environmental parameters shall be as: - 10. One should be on road junction point location .

4. Proof of old CER work, photographs, details of year-wise production since mine inception etc.

6. Case No. – 6118/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 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. 728 dated: 11/04/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.00 ha., including this mine.

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.

7. Case No. – 6125/2019 M/s Khardubadi Crusher Stone Quarry, Shri Arpit Goud, Khardubadi, Dist. Jhabua, MP – 457001 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (6,305 cum per annum) (Khasra No. 10, 11, 14), Village - Khardubadi, Tehsil - Jhabua, Dist. Jhabua (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 10, 11, 14), Village - Khardubadi, Tehsil - Jhabua, Dist. Jhabua (MP) 2.00 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 401 dated: 28/02/19 has reported that

there is 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.90 ha., including this mine.

As per Google image based on coordinates provided by PP, it was observed by the committee that the lease is located on the hill where steep slope, elevation difference was 14 meters was seen. In the hill valley few settlements were also observed.

After presentation the committee asked to submit following details:

- Stone Evacuation route considering gradient and high topography on map.
- Site photographs.
- Commitment that crusher will not be installed in this lease as submitted by PP during presentation.
- Proposed proper EMP that protects rolling stone.
- Revised CSR for slides, seesaw, sports items for school as suggested by committee.
- Proposed bench configuration as discussed during presentation.
- Details of proposed mechanization.

PP has submitted the response of above quarries same date vide letter dated 3.05.2019, which was placed before the committee and it was observed that PP has not submitted the response on following queries:

- Revised EMP as suggested by committee.
- Revised CSR for slides, seesaw, sports items for school as suggested by committee.
- Proposed bench configuration as discussed during presentation.
- Details of proposed mechanization.

8. Case No. – 6147/2019 M/s Sindurkiya Crusher Stone Deposit Two, Village - Bamankhedi, Tehsil - Jaora, Dist. Ratlam, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (24,250 cum per annum) (Khasra No. 355), Village - Sindurkiya, Tehsil - Jaora, Dist. Ratlam (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 355), Village - Sindurkiya, Tehsil - Jaora, Dist. Ratlam (MP) 2.00 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. 1975 dated: 21/01/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 05.45 ha., including this mine.

The case was presented by the PP and their consultant to obtain TOR for capacity expansion of crusher Stone Quarry, from 2,500 Cum./Y to 24,250 Cum./Y. Committee after deliberation, being it's a case Stone Quarry with total area of 05.45 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Pakki road at a distance of 60 and 70 meters hence, proper EMP shall be discussed to the EIA report to mitigative measures to suppress fly stone and dust generation.
- Water balance requirement existing & proposed.
- Compliance of earlier EC conditions from the competent authority.
- Details of drilling & blasting existing & proposed.

9. Case No. – 6126/2019 Shri Ajay Patidar, Village - Jalokheta, Tehsil - Badnawar, Dist. Dhar, MP – 454660 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (12610 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP)

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (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. NIL dated: 15/02/19 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 that they do not want to peruse with their case and would like to withdraw and have submitted a request in writing for its withdrawal as co-ordinates are not matching. Committee accepted the PP's request and recommends that the case may be delisted considering the request made by PP.

10. Case No. – 6127/2019 Shree Mulshankar Lohar S/o Shree Ramratan Lohar, Village - Anantkhedi, Tehsil - Petlawad, Dist. Jhabua, MP – 457773 Prior Environment Clearance for Crusher Stone Quarry in an area of 3.0 ha. (19000 cum per annum) (Khasra No. 512), Village - Anantkhedi, Tehsil - Petlawad, Dist. Jhabua (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 512), Village - Anantkhedi, Tehsil - Petlawad, Dist. Jhabua (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. 357 dated: 21/2/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 7.0 ha., including this mine.

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.

11. Case No. – 6149/2019 Shri Bhola Singh, Adarsh Nagar Anpara, Tehsil - Duddhi, Dist. Sonbhadra, UP – 231225 Prior Environment Clearance for Soil Quarry in an area of 1.44 ha. (4090 cum per annum) (Khasra No. 1719/1, 1719/2, 1720, 1726), Village - Chatari, Tehsil - Chitrangi, Dist. Singrauli (MP)

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1719/1, 1719/2, 1720, 1726), Village - Chatari, Tehsil - Chitrangi, Dist. Singrauli (MP) 1.44 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. 1600 dated: 15/3/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.20 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
River	>130	North-east

PP further stated that no blasting is proposed in the lease area. After presentation the committee asked to submit following details:

- Copy of land owner's agreement.
- PP enclosed Forest ranger NOC instead of DFO, hence, copy of form DFO shall be submitted by PP.
- Revised depth restriction of 02 -2.5 meters.
- Gram sabah tahrav prastav.
- Location of kiln on surface map preferably away from the road.
- Fly ash percentage mixed in the as raw material for making bricks.
- Restoration plan with kiln height details.
- Disposal plan of generated ash.
- Flow diagram of the process.

Vide letter dated 03.05.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 4090 cum/annum.
2. The borrowing/excavation activity shall be restricted to a maximum depth of 02 meters below general ground level at the site.
3. A budgetary provision for Environmental management Plan of Rs. 2.56 Lakh as capital and Rs. 0.98 Lakh/year. Under CER Rs. 0.16 Lakh/years has proposed.

12. Case No. – 6136/2019 Shri Raja Mor, Village - Midasan, Tehsil - Sihora, Dist. Jabalpur, MP Prior Environment Clearance for Murrum Quarry in an area of 3.450 ha. (45203 cum per annum) (Khasra No. 198 Part), Village - Midasan, Tehsil - Sihora, Dist. Jabalpur (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 198 Part), Village - Midasan, Tehsil - Sihora, Dist. Jabalpur (MP) 3.450 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. Nil dated: 15/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.20 ha., including this mine.

The case was presented by the PP and their consultant, PP stated that the method of mining will be open cast manual. It was observed through the Google image that lease is in close proximity with the habitation SE side for which PP submitted that it's a case of Murrum and no blasting will be carried out and only manual mining will be done. Committee after discussion recommends that three row plantation shall be done towards the habitation side. After presentation, PP was asked to submit:

1. Plantation @200/year for total 2000 plants.
2. Legible copy of production plan.
3. Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 03.05.2019, which was placed before the committee and the same found satisfactory. The EMP and

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

1. Production of Murrum as per mine plan with quantity not exceeding 45,203 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.58 Lakh as capital and Rs 1.80 Lakh/year as recurring and under CSR Rs. 1.50 Lakh/years has proposed.

13. Case No. – 6138/2019 M/s Lithos Granito (India) Pvt. Ltd, Smt. Shashi Malu, Director, 1089, 1st Floor, Vikram Square, Scheme No. 71, Dist. Indore, MP Prior Environment Clearance for Granite (Decorative Stone) Deposit in an area of 4.06 ha. (4,537 cum per annum) (Khasra No. 235P), Village - Kiwati, Tehsil - Gaurihar, Dist. Chhatarpur (MP)

This is case of Granite (Decorative Stone) Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 235P), Village - Kiwati, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.06 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. 1355 dated: 26/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant wherein during presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

The lease was on the hill top and gradient is also so steep elevation difference is >50 meters. Considering the high risk and sensitivity to mining of granite stone on the hill and two settlements are also situated either side of the hill. Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight careless may threat to life of labors and site visit may also be carried out. Hence, in this context the PP was asked to submit following details:

- Photographs or Drone photography around the lease.

- No. of labour to be deployed.
- Mining method detail considering slope stability etc.
- Details of Evacuation route on map.
- Revised EMP and CSR as suggested during meeting.
- Revised plantation scheme.

14. Case No. 6156/19 Shri Shailendra Singh Chaudhary, Radhe Colony, Tehsil & Dist. Guna, MP – 473001 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (15390 cum per annum) (Khasra No. 679/1), Village - Mawan, Tehsil - Guna, Dist. Guna (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 679/1), Village - Mawan, Tehsil - Guna, Dist. Guna (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, 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 vide letter no. 5246 dated: 19/03/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant, PP stated that the method of mining will be open cast manual and blasting is not proposed. and no sensitive features were observed within 500 meter of the lease.

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

1. Production of Murrum as per mine plan with quantity not exceeding 15390 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 6.98 Lakh as capital and Rs 1.195 Lakh/year as recurring and under CSR Rs. 0.60 Lakh/years has proposed.

15. Case No. 4111/15 M/s Vasudha Minerals & Chemicals, Pooja Residency, D.G. 4, Opposite Vishal Sabhagrah, Koradi Road, Mankapur, Nagpura (Maharashtra)-440030. Prior Environment Clearance for approval of Dolomite Mine in an area of 3.084 ha. (29,835 TPA) at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP) (EIA Presentation).

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP) 3.084 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.1894, dated: -27/08/15, has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 31.412 ha including this mine.

Earlier this case was discussed in 72nd SEAC-II meeting dated 11/04/2017 wherein it was recorded that: this case was discussed in 11th, 18th, 23rd, & 36th SEAC-II meeting and proceedings of the same can be referred in the respective meeting minutes.

SEIAA has forwarded this case file vide letter no-5779 dated-31/03/17 stating that “PP has submitted a letter dated 14/03/2017 showing his inclination to attend the SEAC meeting regularly from now onwards. It has been decided to relist the case and send the case file to SEAC for appraisal.”

Based on the above, the case was scheduled for presentation & the case was presented by the PP and their consultant wherein it was observed that it's a case of minor mineral but concerned mining officer vide letter no.1894, dated: -27/08/15 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 31.412 ha including this mine. Since the total area of cluster is >25.00 ha., committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Approved mining plan to be submitted at the time of EIA Presentation.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
4. Transportation plan & traffic management plan should be discussed in the EIA report.

5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
7. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
8. Year wise details of minerals already excavated till date should be submitted with EIA report.
9. At least 08 stations should be selected for monitoring and results should be discussed in the EIA report.
10. Hydro geological study should be carried out if ground water intersection is proposed.
11. Top soil management plan should be addressed in EIA report.
12. Input data of modeling should be addressed in EIA along with this all back up calculation.
13. Alternate mineral evacuation route avoiding the nearby habitations (i.e Sawanga Village) should be proposed in the EIA report with budgetary allocations and road dimensions.
14. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
15. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
16. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
17. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
18. Valid mining Plan/mining scheme approved by the competent authority to be submitted along with the final EIA report.
19. Data already collected (from March, 2017) can be used in the EIA report.

PP has submitted EIA Report vide letter dated 02/02/18 which was forwarded by SEIAA to SEAC vide letter no. 1940 dtd. 13/03/18, this was placed before committee.

The case was presented by the PP and their consultant in 311th SEAC meeting dated 16/04/2018, wherein during discussion it was suggested by the committee that no OB should be dumped / stored outside the lease area and ground vibration study should be carried out every 06 monthly. PP submitted that during the operations of mine 20 tree falling is proposed for which approval of competent should be obtained. After presentation, PP was asked to submit response on following:

1. Since during study period, schedule-I species were observed in the study area and PP has proposed wild life management plan in the EIA report. This plan should be implemented in consultation with the Chief Wild Life Warden. Thus PP was asked to submit an

affidavit that the proposed wild life management plan will be implemented in consultation with Chief Wild Life warden.

2. Transportation plan & traffic management plan considering all other mines in the vicinity.
3. Details of hutments existing within the 500 meters of the lease area and facilities proposed by the PP for them.
4. Being an existing mine, issue record of PPE's should be provided.
5. TOR point wise compliance report is not submitted with the EIA report and hence same should be provided.
6. Photographs showing the mine boundary pillars with co-ordinates.
7. Copy of approved mine plan should be submitted.
8. Proposal for overhead water sprinkling system with budgetary allocations in EMP.
9. Revised CSR and EMP as suggested by the committee with its bifurcation in capital and recurring cost.

Letter was issued to PP for submission of desired information vide letter no. 157 dated 08/05/2018.

This case was scheduled in 340th SEAC meeting dated 30/01/2019, Since PP has not submitted the desired information and case is pending since June, 2018 thus case may be delisted as per MoEF&CC OM J-11013/5/2009-IA-II (Part) dated 30/10/2012. Above desired information not submitted and case is pending since June, 2018 thus case may be delisted as per MoEF&CC OM J-11013/5/2009-IA-II (Part) dated 30/10/2012.

SEIAA vide letter no 2849 dated 29/03/2019 forwarded this case to SEAC by stating that:

The case was discussed in 530th SEIAA meeting dated 15/3/2019 and it has been recorded that: PP has submitted desired information on 05/3/2019 therefore it has been decided to relist the case and send the technical file to SEAC for appraisal.

Based on the above submission by PP this case was scheduled for the query reply presentation and discussion which was raised in 311th SEAC meeting dated 16/04/2018, 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 wherein it is recorded that 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 311th SEAC meeting dated 16/04/2018. 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.

16. Case No. – 5678/2018 Shri Shrikanmt Pandey, R/o Gandigram, Sihora, Jabalpur, MP – 482001 Prior Environment Clearance for Laterite, Iron Ore and Manganese Mine in an area of 4.00 Ha. (Laterite – 96,415 ton per annum, Iron Ore – 12,265 ton per annum) (Khasra no. 148) at Village- Hirdengar, Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Laterite, Iron Ore and Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 148) at Village-Hirdengar, Tehsil - Sihora, Dist. Jabalpur (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 315th SEAC meeting dated 18/06/2018, where PP and consultant were present, and during discussion and persuasals of the documents it was observed by the committee that this is the case of violation as PP has already done production without obtaining the prior environmental clearance in terms of the provisions of the EIA Notification, 2006 and thus identified to be in violation of the same.

Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC under following specific conditions for conducting the EIA along with following additional TOR's and as annexed as Annexure-D :-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.

3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Hydro geological studies should be carried out and be discussed in the EIA report.
5. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
6. Mine water management plan be provided in the EIA report.
7. Land use plan should be plotted on the map.
8. Assessment of Ecological damage by this project and its Remediation Plan should be discussed in the EIA report.
9. Natural and community resource augmentation plan should be discussed in the EIA report.
10. Year wise quantity of production carried out till date, quantity of product sold with its market value and royalty paid.
11. Cumulative impact should be studied as proposed site is surrounded by other mines.
12. Minimum six monitoring locations shall be selected for Air, Noise and Water.
13. Environmental Cost Benefit analysis should be carried out and submitted with the EIA report.
14. Environmental Policy of the company issued by the director with environmental management cell should be submitted with the EIA report.
15. Issue like storm water management plan, mine water discharge, safety barrier zone with the neighboring mines etc. should be properly addressed in the EIA.
16. Details of afforestation done till date with name and number of species and proposed plantation scheme should be provided in EIA with supporting photographs.
17. Proposed workers facilitate and workers welfare scheme should be discussed in the EIA report with financial allocations.
18. Any alternate route avoiding the nearby habitations.
19. Land use plan should be plotted on the map.

PP has submitted the EIA report vide letter dated 05/04/2019 which was forwarded through SEIAA vide letter no. 170 dated 08/04/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 362nd SEAC meeting dated 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 and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

The EIA was presented by the PP and their consultant and during presentation it was observed that PP has not submitted the desired information as per the issued TOR. After EIA presentation PP was asked to submit response on the following queries:

- Point wise ToR compliance report.
- Slope stability Study.
- Assessment of Ecological damage by this project and its Remediation Plan should be discussed in the EIA report as per TOR point no. 8.
- Natural and community resource augmentation plan should be discussed in the EIA report as per TOR point no. 9.
- Commitment from PP that no drilling and blasting shall be done.
- Proposal for check dam and garland drain to reduce flow speed.
- Storm water management Plan to avoid outflow of runoff in the lease.
- Revised EMP (budget for PPE, VT).
- Revised plantation scheme.

DISCUSSION ON QUERY REPLY SUBMITTED BY PP

17. Case No. – 6103/2019 Shri Mangal Singh Rajput, Runway Infrastructure J.V., Tehsil - Basoda, Dist. Vidisha, MP – 464224 Prior Environment Clearance for Metal Stone Quarry in an area of 4.00 ha. (25,000 cum per annum) (Khasra No. 534/1, 535/1), Village - Bhonrasa, Tehsil - Kurwai, Dist. Vidisha (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 534/1, 535/1), Village - Bhonrasa, Tehsil - Kurwai, Dist. Vidisha (MP) 4.00 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 vide letter No. 1463 dated: 28/3/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, no any sensitive features were observed within 500 meters of the lease area.

After presentation in 363rd SEAC meeting dated 16/04/2019 the committee asked to submit following details:

- Gram Sabha NOC.
- Readable copy of the DFO- NOC.
- Revised EMP (include proposal for garland drain & settling tanks).
- Revised CER (include name of affected village).

PP has submitted the responses of above quarries me date vide letter dated-25/04/2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone 25,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.58 Lakh as capital and Rs.1.80 Lakh/year and under CSR Rs. 0.45 Lakh/years has proposed.

18. Case No. – 6094/2019 Shri Rafeek Khan S/o Shri Kallu Khan, Ward No. 7, Tehsil - Kurwai, Dist. Vidisha, MP – 464224 Prior Environment Clearance for Stone Quarry in an area of 1.672 ha. (5,092 cum per annum) (Khasra No. 135/1), Village - Maliyakheda, Tehsil - Kurwai, Dist. Vidisha (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 135/1), Village - Maliyakheda, Tehsil - Kurwai, Dist. Vidisha (MP) 1.672 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. 498 dated: 26/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
SH-14	>150	North	-
Natural drain	>100	South	-
Settlement	>400	North – East	Tripple row plantation towards habitation

After presentation in 363rd SEAC meeting dated 16/04/2019 the committee asked to submit following details:

- Revised plantation species as suggested by the committee.
- Revised EMP (include proposal for garland drain & settling tanks).
- Revised CER (include name of affected village).

PP has submitted the response of above quarries me date vide letter dated 23/04/2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,092 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.69 Lakh/year as capital and Rs.1.41 Lakh/year and under CSR Rs. 0.50 Lakh/years has proposed.

19. Case No. – 6089/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Tuiyapar, Tehsil - Khairlanji, Dist. Balaghat, MP – 481337 Prior Environment Clearance for Sand Quarry in an area of 1.012 ha. (25,300 cum per annum) (Khasra No. 583 Part), Village - Tuiyapar, Tehsil - Balaghat, 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. 583 Part), Village - Tuiyapar, Tehsil - Balaghat, Dist. Balaghat (MP) 1.012 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. 755 dated: 11/3/19 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 in 363rd SEAC meeting dated 16/04/2019. During presentation as per Google image (Nov. 2019) based on coordinates provided by PP observed that the part of lease is submerged into the water. PP submitted that the River Bawanthadi is almost dry and flow is also very lean due to construction of dam in the catchment area of the lease. It was also observed that a stop dam is constructed on the downstream of the lease and backwater is accumulated near to the lease. After presentation the committee asked to submit following details:

- Recent photographs of the lease.
- M.O. certificate stating there is no submergence in the lease and desired volume of sand can be evacuated or revised operational production plan leaving submerged area as non-mining area.

PP has submitted the response of above quarries same date vide letter dated-20/04/2019, which was placed before the committee and the same found satisfactory. PP has submitted the revised operational production plan and photo. Photo reveals that lease is dry and sand can be evacuated. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence Committee after deliberation found that the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 25,300 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 04.47 Lakh as capital and Rs. 0.97 Lakh/year. Under CER Rs. 0.77 Lakh/year has proposed.

20. Case No. - 5909/2019 M/s Alfawerry Technology Private Ltd, Vill. - Bagauta, Dist. Chhatarpur, MP – 471515. Prior Environment Clearance for Sand Quarry in an area of 1.441 Ha. (26,271 cum per annum) (Khasra No. 41/2, 42/1, 42/3), Village- Phattepur, Tehsil - Gorihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 41/2, 42/1, 42/3), Village- Phattepur, Tehsil -

Gorihar, Dist. Chhatarpur (MP) 1.441 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 vide letter No. 6438 dated 21/12/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.441 ha including this mine.

The case was presented by the PP and their consultant in 347th SEAC meeting dated 28/02/2019. 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 of flood in Ken River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast semi mechanized. During presentation it was recorded as per Google image that a Kachcha road is in existence at a distance of approx. 100mts and a road bridge is at a distance of 150 mts. After presentation the committee asked to submit following details:

- Copy of lease agreement documents are to be submitted by the PP.
- Traffic management plan is to be submitted.
- Revised number of labors that will work in this mine.
- Revised EMP by adding revised number of labour.
- Method of mining for 03 meters depth considering the safety of workers.
- Recalculations of transportation load with trips/day.
- Copy of Gram Sabah NOC.
- Revised CSR as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 28/02/2019, which was placed before the committee. On perusal of the response submitted by committee, it was observed that PP has not submitted the following documents:

1. Copy of lease agreement documents.
2. Copy of Gram Sabah NOC.
3. Traffic management plan.

PP has submitted the response of above quarries same date vide letter dated-22/04/2019, which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and

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

1. Production of Sand as per mine plan with quantity not exceeding 26,271 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 04.47 Lakh as capital and Rs. 0.97 Lakh/year. Under CER Rs. 0.77 Lakh/years has proposed.

21. Case No. - 5934/2019 Shri Narendra Singh S/o Shri Mazboot Singh, House No. 382, E.W.S., Ayodhya Bypass, Bhopal, MP – 462041 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.00 Ha. (15,000 cum per annum) (Khasra No. 203/136/1Kha, 211/135/1/1, 211/135/1/4/2), Village- Panari, Tehsil - Budhni, Dist. Sehore (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 203/136/1Kha, 211/135/1/1, 211/135/1/4/2), Village- Panari, Tehsil - Budhni, Dist. Sehore (MP) 1.0 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 vide letter No. 9370 dated: 02/01/2019 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 4.066 ha., including this mine.

The case was presented by the PP and their consultant in 353rd SEAC meeting dated 19/03/2019, wherein it was observed from the Google image (Sep. 2018) that the proposed mine is filled with water and need de-watering for which a plan is to be submitted by PP. During appraisal of the case it was also observed the most part of the lease is excavated for which PP submitted that un-excavated area is available. Committee asked PP to submit photographs of the mine area where mineral is available. During appraisal it was also discussed that mining will be done below 06 meter depth for which PP shall obtain DGMS approval. Considering the area of only 1.00 ha., and proposal of mining >06 meter depth, PP was also asked to submit available floor area at the pit depth for machine deployment and working. The other futures falling within the 500 meters of the lease are

1. In the western side of the lease a village pakki road at a distance of <30 meter.
2. NH-12 at >230 meters approx., in the southern end.
3. In the eastern end at a distance of > 180 meters another village pakki road is in existence.

After presentation the committee asked to submit following details:

- Submit dewatering plan.
- PP shall be submit copy of the application apply for DGMS permission as mining is proposed for more than 6 meter depth.
- Revised plantation scheme as suggested by committee as per suggestion total 950 plants.
- Considering the area of only 1.00 ha., and proposal of mining >06 meter depth, submit available floor area at the pit depth for machine deployment and working.
- Revised EMP incorporating provision of PUC of the deployed vehicle.
- Revised CER activities as incorporate budget for water filter, school furniture and sports kit in the appropriate quantity for the nearby school.
- Submit photographs of lease area.

PP has submitted the response of above quarries me date vide letter dated 25/04/2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 15,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.17 Lakh/year as capital and Rs.2.43 Lakh/year and under CSR Rs. 0.80 Lakh/years has proposed.

22. Case No. - 5955/2019 Shri Gotulal S/o Shri Ratan Lal Gurjar, Village - Savan, Tehsil & Dist. Neemuch, MP Prior Environment Clearance for Stone (Gitti) Quarry in an area of 2.00 Ha. (10,000 cum per annum) (Khasra No. 4, 5), Village - Thikriya, Tehsil - Neemuch, Dist. Neemuch (MP).

This is case of Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4, 5), Village - Thikriya, Tehsil - Neemuch, Dist. Neemuch (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 vide letter No. 1557 dated: 04/02/2019 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 as per Google image (Dec. 2018) based on the co-ordinates provided by PP that proposed mine is in the close proximity of a dam (470 meters approx) which is on the River Borkhedi. Also the downstream river is just 50 meters away in the western side and as per MMR Rules 1996, minimum 100 meters area should be left from the water body. Committee having an apprehension that this mine may come into inundation during rainy season in case there is discharge from the dam and will be threat to the safety of workers thus asked PP to submit NOC from competent authority of dam for operation of mine at this location which will also have impacts due to blasting. After presentation, committee asked PP to submit response on following:

1. A river is just 50 meters away in the western side of lease and as per MMR Rules 1996; minimum 100 meters area should be left from the water body. Thus revised operational production plan leaving 100 meters area as non mining area.
2. NOC from competent authority of dam for operation of mine at this location which will also have impacts due to blasting.
3. NOC from gram Sabah.

PP has submitted the response of above quarries same date vide letter dated 19.03.2019, which was placed before the committee and the same found satisfactory. Committee observed that PP has obtained NOC from the EE, WRD, Neemuch for mining on the allotted lease. PP has also deducted 50 meters setback on the western side of the lease considering river. Now the distance of river from lease with 50 meters setback will be 100 meters. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 10,000 cum/annum.
2. 50 meters setback shall be left on the western side in the lease as non mining area.
3. A budgetary provision for Environmental management Plan of Rs. 13.70 Lakh as capital and Rs. 1.42 Lakh/year. Under CER Rs. 0.20 Lakh/ year has proposed.

23. Case No. 5104/16 Shri Kishore Kumar Bagariad, M/s Shree Kamal Lime Industries, Station Road, Katni (MP) Prior Environment Clearance for Lime Stone & Dolomite mine in an area of 3.73 ha. (16,947 TPA) at Khasra No. - 126, 128, 129, Village-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP). Environmental Consultant - M/s Creative Enviro Services.

This is case of Lime Stone & Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 126, 128, 129, Village-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP) 3.73 ha. The project requires Prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 47th SEAC-II meeting dated 27/08/2016, wherein it was recorded that: Being it a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
4. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
5. Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Office.
6. Year wise details of minerals already excavated till date should be submitted with EIA report.
7. Afforestation plan with some species of meditational plants.
8. Progressive mine closure plan should be addressed in EIA report.

9. Photographs of sampling along with its all input output data and its back-up calculation.
10. Monitoring of Air, Water and Noise should be carried out on Atleast 08 locations selected on the basis of environmental sensitivity.
11. Environmental policy with organization management plan should be given along with EIA report.
12. Modeling input data sheet with results should be submitted with EIA report.
13. Documents pertaining to validity of lease should be enclosed with the EIA report.
14. Details of year wise production obtained (if any) should be submitted with EIA report.

PP has submitted the EIA vide letter dated 23/3/2019 which was forwarded through SEIAA vide letter no. 2845 dated 29/03/2019, which was placed before committee for EIA Presentation.

EIA was presented by the PP and their consultant, wherein following details were provided by PP:

SALIENT FEATURES OF THE MINE:

S. no.	Particular	Details
1	Name of the project & its location	: Rajarwara Limestone & Dolomite Mine (3.73ha) Khasra No. : 126, 128, 129 Village- Rajarwara, Tehsil- Vijayraghavgarh, Dist- Katni (MP)
2	Name of the Company, Address Tele No. & E-mail	Kishore Kumar Bagaria
3	Latitude and Longitude of the project	1. 23°59'33.0" - 80°29'46.2" 2. 23°59'33.1" - 80°29'51.7" 3. 23°59'31.0" - 80°29'51.8" 4. 23°59'30.1" - 80°29'56.5" 5. 23°59'28.1" - 80°29'56.6" 6. 23°59'27.9" - 80°29'50.8" 7. 23°59'25.9" - 80°29'50.5" 8. 23°59'26.1" -80°29'49.7" 9. 23°59'27.9" - 80°29'47.6" 10. 23°59'30.3" - 80°29'47.0"
4	If a Joint venture, the names & addresses of the JV partners including their share	NA
5	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the	New, area – 3.73ha, Pvt. land connectivity- Jukehi Kymore Bhadanpur Road – 0.350km - N

	site etc	
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project	80.0 lakh
8	Employment generated/to be generated	40
9	Benefits of the project:	Employment, other CSR activities
10	Whether new or expansion project .If expansion: i from MT to MT ii What is the % of expansion	New
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	NA
12	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	NA
13	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority	1433/PS-MS/MPPCB/SEAC-II/M/TOR(047)/2016 Bhopal date 16.09.2016
14	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	NA
15	If the project was considered in EAC, Pl. gives dates of the meeting (s)	
16	Type of Mine: (Open cast/Underground/mixed):	Opencast
17	Capacity of the mine applied for	Limestone and Dolomite, 16947TPA
18	ML Area i. As per block allotment ii. As per approved mine plan	3.73ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan approval date – MP/Katni/Limestone/MPLN/Modi-19/15-16/767 Jabalpur dated 29.02.2016
20	Date of Board's approval:	NA
21	Date of Ground water clearance	NA
22	Date of mine closure approval	NA
23	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost	Given below
24	Numbers of plantation with name of species proposed & area allocated for	Given below

	plantation with budgetary provisions		
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details		No

During presentation it was observed from the Google image based on the co-ordinates provided by the PP that a HT line (approx.11 KVA) is passing above the mine, PP submits that they have already left as non-mining zone as per the statutes. However, PP was asked to adopt necessary precaution during blasting. After presentation, PP was asked to submit response on following:

1. Year-wise production details since 1994.
2. Dewatering plan and sludge management & disposal plan with quantification.
3. Proposed precaution against blasting as there is a HT line passing above the lease.
4. Commitment from the PP that mine will progress from West to East and orientation of phase will be from North to South.
5. Compliance TOR point no 8 to be submitted
6. Revised dimensions of garland drain and settling tank as per the peak rainfall of this area.
7. Revised plantation details.
8. Proposal for mine safety.
9. Revised EMP by adding VT & safety sign boards.

Vide letter dtd. 28.04.2019 PP has submitted the reply of the above queries which was placed before the committee and the same found satisfactory. 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 Lime Stone & Dolomite mine in an area of 3.73 ha. (16,947 TPA) at Khasra No. - 126, 128, 129, Village-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP). subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.

4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. No overcharging during blasting to avoid vibration.
10. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
11. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
12. No explosive will be stored at the mine site.
13. No intermediate stacking is permitted at the mine site.
14. No dump shall be stacked outside the lease area.
15. Overhead sprinklers shall be provided in mine.
16. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
17. 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.
18. As proposed in the landscape plan & EMP a minimum total 3300 nos. of trees will be planted, on backfilled area and along the transportation route.
19. Transportation of material shall be done in covered vehicles.
20. Transportation of minerals shall not be carried out through forest area.
21. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
22. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain shall be as (size = mL X mW X mD) 270 x1.0 x1.0, 260 x1.0 x1.0 & 162 x1.0 x1.0. The settling tank' size 0.50 X 5.0 mD will be one in number and proposed water body of size 1.7568 L X 10.0 mD.
23. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.

24. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
25. The existing and proposed land use plan of the mine is as follows:

Items	At present	At the end of lease period
Total area excavated	1.7065 ha	2.5995 ha
Area fully mined out	0.3560 ha	0.6027 ha
Total area under Dump	0.1375 ha	-
Area fully reclaimed	-	0.6027ha
Area under Road	0.0585	Nil
Green belt	Nil	0.0720
Area rehabilitated by water Harvesting	-	1.7568 h
Total area under Dump	0.1375 ha	-

26. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
27. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
28. The commitments made in the public hearing are to be fulfilled by the PP.
29. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
30. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

31. In the proposed EMP, capital cost is Rs. 32.02 Lakh is proposed and Rs. 10.27 Lakh /year as recurring expenses.
32. Under CSR activity, Rs. 5.00 Lakh /year and Rs. 7.70 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
33. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. 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.

34. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
35. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
36. PP will comply with all the commitments made vide letter dated 24.04.2019.
37. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

24. **Case No. - 6031/2019 Shri Dajiram Nagfhase, Gram/Post - Pala, Tehsil - Kiranapur, Dist. Balaghat, MP – 481001 Prior Environment Clearance for Sand Quarry in an area of 2.606 ha. (74,400 cum per annum) (Khasra No. 415/1, 416/1, 416/2, 416/3, 417/1), Village - Rattapayli, Tehsil - Kiranapur, 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. 415/1, 416/1, 416/2, 416/3, 417/1), Village - Rattapayli, Tehsil - Kiranapur, Dist. Balaghat (MP) 2.606 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. 441 dated: 08/03/19 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 further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Revised EMP by adding the budget for construction & maintaining approach road by PP.
- Notarized Agreement letter from land owner.
- Revised proposed plantation species by adding अर्जुन, जामुन, सिस्सु, सू-बबूल, as suggested by the committee.
- Revised CSR by adding distribution of earthen water filter in school.

PP has submitted the response of above quarries same date vide letter dated 01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘C’:

1. Production of Sand as per mine plan with quantity not exceeding 74,400 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.15 Lakh as capital and Rs 1.55 Lakh/year and under CSR Rs. 1.20 Lakh/years.

25. Case No. – 6027/2019 Shri Nilesh Pathak S/o Shri Banwari Lal Pathak, Resident Pichore, Dist. Shivpuri, MP – 473660 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.60 ha. (25,000 cum per annum) (Khasra No. 1352/4), Village - Dabra Dinara, Tehsil - Karera, Dist. Shivpuri (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1352/4), Village - Dabra Dinara, Tehsil - Karera, Dist. Shivpuri (MP) 1.60 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. 3164 dated: 23/01/19 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 as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
Old pit	Within lease	-	Shown on surface map.

PP further submits that this lease was excavated earlier and they have got the lease in this condition, this old mine pit they have shown in surface map also. After presentation the committee asked to submit following details:

- Area available for working at pit bottom considering deployed machines & manpower.
- Revised plantation atleast 1600 nos of trees to be planted.
- Revised EMP by adding VT, safety signage's and caution board.
- Revised drilling and blasting details.
- Revised amount for CER by adding awareness camp for traffic signals rules, and road safety for villagers as suggested during presentation.

Vide letter dated 09.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 25,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.90 Lakh as capital and Rs 2.14 Lakh/year and under CSR Rs. 0.30 Lakh/years.

26. Case No. – 6105/2019 Shri Fateh Singh Shekhawat, Chuna Bhati, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 1.72 ha. (37,954 cum per annum) (Khasra No. 31), Village - Ramnai, Tehsil - Ajaygarh, 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. 31), Village - Ramnai, Tehsil - Ajaygarh, Dist. Panna (MP) 1.72 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. 616 dated: 01/04/19 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 as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
Trees	Within lease	-	More than 55 % of area is covered with trees. Available area for mining is approx. 45% (0.70 ha)
Village	100 meters	SW direction	Three rows plantation in SE direction for village.

PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Agreement letter from land owner.
- Commitment that area where trees are in existence will not be mined out.
- Revised operational production plan leaving area occupied by trees.
- Evacuation route on Google image.
- Revised CER adding awareness camp for traffic rules in villages and sports items in school as by suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 37,954 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 8.95 Lakh as capital and Rs 01.25 Lakh/year and under CER Rs. 2.20 Lakh/years.

27. **Case No. - 6034/2019 M/s A.S.R. Enterprises, House No. 50, Ward No. 32, Paradise Colony, Panna Road, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Stone Quarry in an area of 1.30 ha. (30,916 cum per annum) (Khasra No. 668/1), Village - Tikari, 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. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.30 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. 811 dated: 07/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.
- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.
- Revised CER by adding development and maintenance of school boundary wall by PP.

PP has submitted the response of above quarries me date vide letter dated --01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,916 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.39 Lakh/year as capital and Rs.2.06 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

28. Case No. 6040/2019 Shri Shailendra Kumar Dwivedi, Village - Bachhon, Tehsil - Chandla, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Stone Quarry in an area of 1.30 ha. (31,514 cum per annum) (Khasra No. 668/1), Village - Tikari, 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. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.30 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. 812 dated: 07/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.
- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.

- Revised CER by adding development and maintenance of school boundary wall by PP.

PP has submitted the response of above quarries me date vide letter dated 01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 31,514 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.39 Lakh/year as capital and Rs.2.06 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

29. Case No. 6037/2019 Shri Rajesh Kumar, Mau Girwan, Tehsil - Naraini, Dist. Banda, UP – 210001 Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (42,433 cum per annum) (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.40 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. 810 dated: 07/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.

- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.
- Revised CER by adding development and maintenance of school boundary wall by PP.

PP has submitted the response of above quarries me date vide letter dated 01.05.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 42,433 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.39 Lakh/year as capital and Rs.2.06 Lakh/year and under CSR Rs. 0.60 Lakh/years has proposed.

30. Case No. – 6098/2019 Smt. Rajkumari Diwedi, Village - Dadaari, Tehsil - Nowgong, Dist. Chhatarpur, MP – 471201 Prior Environment Clearance for Metal Stone Quarry in an area of 3.00 ha. (75,059 cum per annum) (Khasra No. 1245), Village - Nayagaon, Tehsil - Nowgong, Dist. Chhatarpur.

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1245), Village - Nayagaon, Tehsil - Nowgong, Dist. Chhatarpur (M.P.) 3.00 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. 1705 dated: 25/03/19 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 as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
trees (14-15 nos)	Within lease	-	Commitment that no tree falling without permission
Kacha road	20	North	Three rows plantation towards road side.

During appraisal of the case it was observed by the committee through Google image based on the co-ordinates provided by PP and pits can be seen. Further 14-15 trees are in existence in the lease. After presentation, PP was asked to submit:

- Gram Sabha tahrav prastav (complete minutes as in file one page is missing).
- Revised CSR by adding distribution of earthen water filter in school.
- Revised EMP by adding safety signage's and caution board.
- Revised plantation species as suggested during presentation.
- Some trees in existence in the lease area thus their inventory with commitment that if tree uprooting is required, permission from competent authority will be obtained.

Vide letter dated 15.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone 75,059 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.42 Lakh as capital and Rs. 1.55 Lakh/year. Under CER Rs.1.10 Lakh as capital cost /years recurring has proposed.

31. Case No. - 5960/2019 M/s Balaji Enterprises, 365/2, D-25, Chhatarpur, Pahadi, New Delhi – 110074 Prior Environment Clearance for Sand Quarry in an area of 3.80 Ha. (90,255 cum per annum) (Khasra No. 8/2, 8/3), Village - Mishranpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/2, 8/3), Village - Mishranpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.80 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 Officer letter No. 1087 dated: 15/02/19 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 as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Tree	Within lease	North -West
Habitations	Approx. 360 meters	South-west

During presentation it was observed (as per the Google image of December, 2018 based on the co-ordinates provided by PP) that some trees are in existence on the northern side of the lease boundary and some trees are in existence within the lease for which PP submitted that the trees which are in existence on the lease boundary and in the middle of lease will not be disturbed during mining. Committee after deliberations asked PP to provide revised operational production plan leaving proper safety area as non mining area for existing trees with following additional informations:

1. Inventory of the trees with girth details existed within lease.
2. Commitment from PP that no tree cutting is proposed.
3. Revised length and width of the evacuation route.

4. Considering the production, the road shall be made WBM or pucca for which necessary details such as length, width with budgetary allocations in EMP shall be provided.
5. Revised operational production plan by leaving sufficient safety area for existing trees within the lease.
6. Revised EMP incorporating provision of PUC of the deployed vehicle and safety sign board and caution boards.

Vide letter dated 27.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for sand 90,255 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 25.20 Lakh as capital and Rs. 2.03 Lakh/year. Under CER Rs. 2.14 Lakh as capital cost /years recurring has proposed.

32. Case No. – 6046/2019 Shri Pawan Agarwal, Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur, MP – 487661 Prior Environment Clearance for Sand Quarry in an area of 2.541 ha. (60,000 cum per annum) (Khasra No. 144/4, 144/3, 145, 146, 149, 150), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 144/4, 144/3, 145, 146, 149, 150), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 2.541 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. 808 dated: 13/03/19 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 from the Google image this lease was seems to be a river bed sand mining but 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 of flood in Dudi River in the long course of time. Also in P-II Khasra map river area is not mentioned & the concerned collector's through Ekal Praman-Patr has also declared that such sand deposits are accumulated in the filled due to erosion and recurrence of flood in Dudi River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized.

Further it was also recorded that as in Khasra map only 03 khasra's i.e. 144/3, 144/4, 150/2 were shown and the area of these 03 khasra's are 2.541 ha which is the total lease area, but in mining Plan following khasra's are mentioned 144/4, 144/3, 145, 146, 149, 150, committee asked PP should clarify this. Also the co-ordinates motioned in surface plan are not matching with Khasra map. After presentation the committee asked to submit following details:

- Gram Sabah NOC i.e. ठहराव प्रस्ताव.
- Notarized Agreement letter from land owner.
- Revised co-ordinates of the lease as point-A is not matching with the Khasra shape.
- Revised plantation scheme with its budgetary provision.
- Revised transportation load as per the per day material evacuation load.
- Revised EMP with inclusion of budget for Over-head Sprinkling System (OHS), PPE, Fire-fighting equipments, MSW disposal, first-aid, occupational health survey, and Shelter home for labors, PPEs etc.
- Proposal for CER.

Vide letter dated 18.04.2019, PP has submitted the desired information, which was placed before the committee. During discussion committee observed that gram sabah tahrav prastav is only signed by the Secretary. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for sand 60,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 05.65 Lakh as capital and Rs. 2.02 Lakh/year.Under CER Rs.2.64 Lakh as capital cost /years recurring has proposed.

DISCUSSIONS BASED ON SITE INSPECTION REPORTS

34. Case No. - 5729/2018 Shri Narendra Kumar Mishra S/o Shri Ashok Kumar Mishra, Behind Circuit House Chattarpur, Dist. Chattarpur, MP – 471001 Pyrophyllite & Diaspore Mining in an area of 10.0 Ha. Capacity 15,447 tones at Khasra no. 687 Village- Paretha, Tehsil - Nowgaon, Dist. Chattarpur (MP).

Background:

This is case of Pyrophyllite & Diaspore mining of 10.00 ha area, located at Khasra no. 687 Village- Paretha, Tehsil - Nowgaon, Dist. Chattarpur (MP). Earlier, the Case was discussed in 332nd SEAC meeting dated 26th October 2018 wherein after presentation committee asked PP to submit an undertaking for mining operations considering the close proximity of village with response on some other issues such as OB management, Plantation, first aid & risqué operations etc. PP vide letter dated 05/10/2018 has submitted the query reply with an undertaking which is as follows and then case was recommended for EC:

1. Sufficient warning by signal is given over the entire area falling within the danger zone & ensures that all persons within such area have taken proper shelter.
2. Wet drilling is to be done in hand holes & as well as jack hammer drilling /wagon drill.
3. Suitable air respirator will be provided to drillers.
4. Drilling blasting controlled blasting well be done and not more than six holes will be blasted at a time and no hole will be charged with more than six holes will be charged with more than 350/450g of explosive at a time.
5. Muffle blasting will done to prevent flying fragments, which may cause injury to local inhabitations within danger zone.
6. Muffle blasting will be carried out by keeping sand filled bags on wire net placed in holes.

The case was appraised by SEIAA in their 512th meeting dated 12/12/2018 wherein SEIAA decided that SEAC to carryout site visit of this project as follows:

“After deliberation the case was discussed in depth and it was found that mining is proposed to be carried out on plateau area and human habitation is located on foot hill in close vicinity of project site. PP has proposed controlled blasting for mining of minerals. There is possibility of adverse impact on human habitation due to mining. Hence, it is decided to send the case file to SEAC for site visit to verify the factual status of the site and accordingly re-appraise the case”.

As decided, a sub- committee of SEAC, Dr. Moh. Akram Khan, Member and Shri Prashant Shrivastava, Member S visited the site on 02/02/2019. During inspection, Dr. Abhaya K.

Saxena, Sr. Scientific Officer, M.P. Pollution Control Board, Bhopal and Shri Anoop Chaturvedi, Mine Representative, accompanied the SEAC sub-committee.

Salient features of the project:

The mine is for Pyrophyllite & Diaspore production located at Khasra No. 687 of Area: 10.0 Ha, Village: Paretha, Tehsil: Nowgaon, District: Chhatarpur, Madhya Pradesh. Lease area is 10.00 Ha. The proposed project site is about 43.2 km away from Chhatarpur City. Mining area is 8.6 km away from tar Road (State Highway- 42). The lease area falls under village Paretha and the nearest railway station is at Ghutai Railway Station 3.8 Km towards NE from the lease area.

During site visit, it was observed by the committee that the lease is marked by boundary pillars and village is located on the foot hill of the lease on the south-western side. No mining activities were observed during the inspection and also there were no signs of any previous mining activities. The site inspection panchnama was also made in the presence of 02 local villagers Mr. Devendra Tiwari and Mr. Lokesh Malviya which is annexed as Annexure-1. During inspection only mine representative was present and was unable to provide response to the queries of the sub-committee. Thus after detailed discussion sub-committee asked PP to provide following additional information:

1. Distance of nearest houses with their numbers from mining lease area.
2. Details of drilling & blasting proposed.
3. Revised operational plan showing safety wall towards nearby habitation on map.
4. Provision of approach and exit road with water sprinkler systems.

The IR was placed before the committee in 349th SEAC meeting dated 05/03/2019. After perusal of IR and discussion, committee observed that so far PP has not submitted the information desired by the sub-committee for consideration of the project. Committee decided that PP may be given another 30 days time to submit the information for its appraisal as per the observations of SEIAA.

PP vide letter dated 07/03/2019 has submitted the reply which was placed before the committee. After deliberation committee recommends that considering the proximity of lease with village following additional conditions shall be stipulated in the EC:

- A. Drilling & blasting should be so designed and planned to keep minimum round of blasting with due consideration of air blast, ground vibration and fly rock projectile.
- B. OB dump yard site shall be on the non-mineralized zone.

- C. The safety retaining wall as proposed by PP on the plan shall be provided with 1.5 meter base and 1.00 meter high with 12” thickness.
- D. A barrier zone of 50 meters (setback) as non mining area shall be left within the lease as shown on map for safety of villagers on the western side.
- E. Other conditions shall remain unchanged as recommended in the 332nd SEAC meeting dated 26/10/2018.

35. Delisting of TOR as their validity has expired/ PP has not submitted information since long time.

TOR’s were issued to the following cases and till date neither the EIA is submitted by PP nor PP has submitted any request for TOR’s validity extension and the validity of TOR is expired. Hence committee after deliberations decided that these cases may be sent to SEIAA for delisting:

SN	Case No. Activity	SEAC Meeting details	Reason for delisting
1.	Case No.5138/16 Shri Akash Gupta, Authorized Person, Sub Lessee of MPSMCL, H.No.09, Rudra Inclave, Malkhedi Road, Hoshangabad (MP)	TOR Recommended in SEAC-II 20 meeting dt-26/4/16	ToR Valid was up to 19/4/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.
2.	Case No.4411/15 Shri Dharmendra Singh Yadav S/o Shri Harcharan Singh Yadav R/o 10-D, New Vivekanand Colony, Behind Silver Estate, Tehsil & District-Gwalior (MP)-474001	TOR Recommended in SEAC-II 12 meeting dt-10/3/16	ToR Valid was up to 09/3/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be deleted.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Dr. R. Maheshwari)
Member

(Prashant Shrivastava)
Member

Mohd. Kasam Khan
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
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.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. 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.
15. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies 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.
7. NOC of gram panchayat should be obtained for the water requirement.

8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
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 depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the 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.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. NOC of gram panchayat should be obtained for the water requirement.
12. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
13. The mining shall be carried out strictly as per the approved mining plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. 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.

3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
10. 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.
11. 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.
12. Grant of TOR does not mean grant of EC.
13. 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.
14. 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.
15. 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.
16. All the necessary NOC's duly verified by the competent authority should be annexed.
17. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
18. The EIA report should clearly mention activity wise EMP and CSR 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 CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
19. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
20. 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.
21. 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.
22. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
23. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

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.

24. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
25. Detailed analysis of availability and quality of the drinking water resources available in the block.
26. 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.
27. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.