

The 396th meeting of the State Expert Appraisal Committee (SEAC) was held on 01st October, 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. Dr. Rubina Chaudhary, Member.
5. Shri R. S. Kori, Secretary.

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

1. **Case No. - 5784/2018 M/s Symbiotec Pharmalab Pvt. Ltd, Plot No. 3, 5, 6, 7 & 8, Pharma Zone, Phase-II, Indore, MP Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate from 14 TPA to 30 TPA at Plot No. 385/1, 385/2, 390/1/2, 389/1, Village- Pigdamber, Tehsil - Mhow & Dist. Indore (MP).**

This is a case Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate from 14 TPA to 30 TPA at Plot No. 385/1, 385/2, 390/1/2, 389/1, Village- Pigdamber, Tehsil - Mhow & Dist. Indore (MP). 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 case was presented by PP and their consultant in 334th SEAC meeting dated 30/11/2018. The following were the salient features of the project:

Proposed capacity expansion in Manufacturing of Bulk drug and Intermediates by M/s Symbiotec Pharmalab Pvt. Limited, 358/2, Pigdamber, Rau, Indore -453331 at plot no, 385/1, 385/2, 390/1/2, 389/1, Village- Pigdamber, Dist. Indore (MP),

This is a case of proposed capacity expansion of manufacture bulk drug and drug intermediates from 14 TPA to 30 TPA. The project occupies a plot Area of 22258 sq mt of land. The total fixed cost of the project after capacity expansion is INR 5051.51 lacs as per the company gross book value. The project is covered as item 5(f) in the schedule of EIA notification 2006 and amended notification SO 1599(E) dated 25.06.2014, the unit is small (SSI category) with water consumption less than 25 KLD, Fuel consumption less than 25 TPD and not covered in the category of MAH units as per the rule hence requires prior EC

from SEIAA before commencement of any activity at site. The Form-1, PFR for pertaining to ToR was forwarded by SEIAA to SEAC for appraisal. PP and their consultant presented the case before the SEAC in this meeting. The submissions and the presentation made by the PP and his consultant revealed following:

Salient features of the project

Project Proponent	M/s Symbiotec Pharma lab Pvt. Limited
Project Name	Capacity expansion in Manufacturing of Bulk drug and Intermediates
Production capacity	14 TPA to 30 TPA of bulk drug and drug Intermediate
Estimated Project Cost	Existing : 3488.78 Lacs Additional : 1562.73 Lacs (Total = 5051.51 Lacs)
EMP Cost (Capital)	Existing : 120.28 Lacs Additional : 506.75 Lacs (Total= 627.03 Lacs)
Acquired Land	22258 sq mtrs
Total Water Consumption	Existing : 45.20 KLD Additional : 28.3 KLD (Total= 73.5 KLD)
Net fresh Water Consumption	22.66 KLD (33.84 KLD of treated water will be recycled.)
Source of Water Supply	Through Narmada Water Supply system
Waste Water Generation	Existing : 39.1 KLD Additional : 16.2 KLD (Total= 55.3 KLD)
Proposed Treatment Facility	SPPL will install in ETP of 60 KLD, RO of 100 KLD, MEE of 30 KL/day. The treated water will be used for cooling towers, floor washing and green belt.
Source of power supply	Madhya Kshetra Vidyut Vitaran Company
Power Requirement	Existing : 750 KVA proposed : 1250 KVA Total : 2000 KVA
Fuel Options LDO (lit/month) Husk (kg/day)	Existing : 2000 proposed : 2000 Total : 4000 Existing : 1800 proposed : 2000 Total : 3800
Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ETP and RO etc.
Green belt (sq mt)	Existing : 12344 Total : 12344
Employment generation	Existing : 405 proposed : 50 Total : 455

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

Land break Up:

Existing And Proposed Land Use Breakup			
	Existing	Proposed	Total
	SQM	SQM	SQM
Production Block	1390	160	1550
Administration Block	479	-	479
Solvent Area	1080	-	1080
Scrap Yard & Boiler	750	250	1000
Security	30	-	30
Utility	375	80	455
R & D Lab	538	-	538
ETP	364	800	1164
Road	1710	240	1950
Parking Area	304	-	304
Total Built Up Area	7020	1530	8550
Green Belt / lawn Area	12344	-	12344
Future Expansion Area	2894	1364	1364
Total Plot Area	22258	22258	22258

Environmental Setting of Project

Particulars	Details
Locations	Plot no. 385/1,/385/2,/390/1/2,/389/1 , Pigdamber, Rau – Indore-453 331

Toposheet No.	46N/14		
Latitude	22°37'4.09"N		
Longitude	75°48'12.26"E		
General ground level	590m MSL		
Nearest National/ State Highway	AB Road		-300 mtrs
Nearest Railway Station	Rau		- 1.50 km
	Indore		- 10 km
Nearest Airport	Indore		- 11.50 km
Archaeological Important Place	None within 10km radius		
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius		
Reserved / Protected Forest within 10 km radius	Machla RF	- 3.75km	- ESE
Nearest major city with 100000 population	None within 10km radius		
Surrounding village within 1 km area of project	Machli Tekri	- 0.25km	- N
	Pigdamber	- 0.75km	- W
Nearest village	Machli Tekri	- 0.25km	- N
Nearest River	Gambir River	- 4.75km	- WSW
	Saraswasi N	- 6.75km	- ENE
	Shivkheri ka N	- 5.25km	- NW
	Nadda N	- 4.50km	- SW
Nearest Lake/ Ponds	Bilawali Talav	- 8.00km	- NE
	Sirpur Talav	- 9.25km	- N
	Pond	- 4.00km	- ESE
	Nalla	- 5.25km	- NEN

	Sukhniwas Lake	- 5.50km	- N
Nearest Hill Ranges	None within 10 km radius		

The case was presented by the PP and their consultant. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with along with following additional TORs as annexed in annexure-D:

1. Compliance of earlier conditions from the competent authority.
2. PP should provide entire product mix in the EIA report.
3. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
4. Details of solvents and their recovery plan should be discussed in the EIA report.
5. VOC should be monitored in the AAQ.
6. All MSDS should be provided with the EIA report.
7. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
8. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
9. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
10. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
11. PP should explore possibility of using Biofuel based technology in boilers.
12. Compatibility of raw material storage.
13. DFO certificate shall be submitted wrt to information on distance from National Parks/Secenturies and forest boundary.
14. As ground water abstraction is proposed, permission from CGWA shall be obtained and submitted with EIA report.
15. Ash management plan is to be submitted in the EIA report.

PP has submitted the EIA report vide letter dated 02/08/2019 which was forwarded through SEIAA vide letter no. 2000-01/SEIAA/19 dated 04/09/2019 which was placed before committee.

In this meeting PP and their consultant presented the EIA before the committee following key details of this project was presented by the PP:

- Symbiotec, an Active Pharmaceutical Ingredients (APIs) manufacturing company based at Indore in Central India, is in the business of development, production and marketing of research-based Cortico Steroids APIs.
- SPPL are manufacturing twenty numbers of products with production capacity of 14 MTPA. SPPL intend to stop manufacturing of few products and introduce new one with equal or lower capacity based on changed market scenario. The Company is now planning for increasing the production capacity of STEROIDS together from 14 MTPA to 30 MTPA
- The expansion is proposed in the company's existing premises of 22258 sq.m. The total fixed cost of the project is INR 34.88 Crore as per the company gross book value.
- The major facilities involved are Boiler, Cooling Towers, Effluent Treatment Plant (ETP), STP and R.O Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- The industrial water requirement for the existing project is 33.2 KL per day which will be increased to a 56.5 KLD and sourced from surface water supply. Total cumulative waste water generation from existing and proposed unit will be 55.3 KLD and treated in ETP of 100 KLD, RO of 100 KLD and MEE of 15 KL/day respectively.
- The net fresh water requirement shall be 22.66 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016).
- Power will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The total requirement will be 750 KVA. In case of power failure, D.G. set (750, 350, 1000 KVA) will be used as a backup power source

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Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ETP and RO etc.
Green belt (sqmt)	Existing : 12344 Total : Remain same
Employment generation	Existing : 405 proposed : 50 Total : 455

During presentation PP has submitted MoEF&CC compliance report vide no. 268 dated 04.04.2019 with following recommendations:

“Implementation of Conditions:- It is inferred from the above that the implementations of environmental conditions are found as 11 agreed to comply, 16 being compiled, 02 partly compiled and some compliance needs improvements which are in progress, PA has been advised for implementation is to be taken care with the project development , attention is to be given to the vital conditions like environmental management, green belt development, capacity & treatment of ETP and also the submission and uploading of six monthly compliance as per stipulation”.

PP further stated that this proposed expansion unit will be ZLD based and solvent recovery shall be 95-98% and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate from 14 TPA to 30 TPA at Plot No. 385/1, 385/2, 390/1/2, 389/1, Village-Pigdamber, Tehsil - Mhow & Dist. Indore (MP). Cat. 5(f) Synthetic Organic Chemicals Industry (Dyes & dye Intermediates; Bulk drug) subject to the special conditions and for following products:

	List & capacity of Products (Proposed)		Grand Total
Sr. No	Bulk drugs, Drug intermediate & fine chemicals	Capacity (Proposed expansion) MTPA)	Capacity (Existing & Proposed) MTPA)
A	Non Sterile Products (Proposed)		
1	Betamethasone dipropionate	4	8
2	Betamethsone sodium phosphate		
3	Betamethasone valerate		
4	Clobetasol propionate		
5	Beclometasonedipropionate		
6	Dtmdmesylate		
7	Halobetasol propionate		
8	Budesonide		
9	Prednisolone acetate		
10	Prednisolone sodium phosphate		
11	Triamcinolone acetonide		
12	Dexamethasone sodium phosphate		
13	Mometasone Epoxide		
14	MometasoneFuroate		
15	Hydrocortisone acetate		
16	Methylprednisolone acetate		
17	Deflazacort		

A	Non Sterile Products (Proposed)		
18	Abiraterone Acetate	4	8
19	Betamethasone Acetate		
20	Clobetasone Butyrate		
21	Clorprednol		
22	Desonide		
23	Desoximetasone		
24	Dexamethasone		
25	Dexamethasone Acetate		
26	DiflorasoneDiacetate		

27	Drospirenone		
28	Halometasone Monohydrate		
29	Hydrocortisone Hemisuccinate		
30	Hydrocortisone Hydrogen Succinate		
31	HydroxyprogesteroneCaproate		
32	Methylprednisolone		
33	Trimicinolone Sodium Phosphate		
34	Betamethasone		
35	FlucinoloneAcetonide		
36	FlumethasonePivolate		
37	Flumethasone	4	8
38	Fluoxymesterone		
39	Fluticasone Furoate		
40	Methylprednisolone Aceponate		
41	Potassium canronoate		
42	Hydrocortisone		
43	Fluticasone propionate		
44	Prednisolone Hemisuccinate		
45	Prednisolone		
46	4 TR / Epoxy triene Acetate		
47	3 TR/ Tetrane Acetate		
48	Fluromethlone		
49	Methyl p0rednisolone Sodium Succinate		
50	Methylprednisolone Hydrogen Succinate		
51	Hydrocortisone Sodium Succinate		
52	Methyl Prednisolone Sodium Succinct for injection USP for manufacturer's use.	12	22
53	Hydrocortisone Sodium Succinate for injection USP for manufacturer's use		
		16 MTPA	30 MTPA

(A) Statutory compliance:

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

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Continuous 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 NO_x in reference to SO₂ and NO_x 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.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. The DG sets (750, 350, 1000 KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
7. DG exhaust will be discharged at height stipulated by CPCB.
8. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
9. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The net fresh water requirement shall be 22.66 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
4. The waste water generation shall be (55.3 KLD) be segregated as high COD/high TDS, Low COD, Low TDS and domestic effluents. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
5. The industrial water requirement for the existing project is 56.5 KL per day sourced from surface water supply. Total cumulative waste water generation from existing and proposed unit will be 55.3 KLD and treated in ETP of 100 KLD, RO of 100 KLD and MEE of 15 KL/day respectively.
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ

camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.

7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Total fresh water requirement shall not exceed 22.66 KLD.
9. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
10. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
11. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to 750, 350, 1000 KVA DG sets for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 2000 KVA. The power will be supplied by Power Generator i.e. Grid power.

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. As proposed, 90-95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.

3. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.
4. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
11. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
12. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
13. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
14. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
15. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
16. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material

- substitutes in other processes.
- c. Use of automated filling to minimize spillage.
- d. Use of Close Feed system into batch reactors.
- e. Venting equipment through vapour recovery system.
- f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. 12344 sq. meter area will be covered with the good green belt and 500 trees will be planted. The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) Corporate Environment Responsibility

1. 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.
2. 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.
3. 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 report to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 658.50 Lakhs as capital and 43.10 Lakhs /year as recurring cost.
6. Under CER activity, Rs.16.0 Lakhs and 3.50 Lakhs /year per year as capital and recurring costs has proposed for different activities.
7. 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.

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

J. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

2. Case No. - 5783/2018 Smt. Surendra Pal Kaur, Ward no. 1, Near Idea Tower, Nipaniya, Rewa, M.P. Prior Environment Clearance for Limestone Mine in an area of 4.05 Ha. Production Capacity-60,000 ton per annum and 10,410 m³ Salable OB(Waste) Reject (Khasra No. 32 Part) at Village- Baijnath, Tehsil - Huzur, Dist. Rewa (MP).

This is case for Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The Project in an area of 4.05 ha. for production capacity 60,000 ton per annum and 10,410 m³ Salable OB(Waste) Reject (Khasra No. 32 Part) at Village- Baijnath, Tehsil - Huzur, Dist. Rewa (MP). The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 334th SEAC meeting dated 30/11/2018. The salient features of the project are as follows:

FOR MINING PROJECTS		
S. no.	Particular	Details
1	Name of the project & its location	: 4.05ha Baijnath Limestone Mine Khasra No. Part of 32 Village- Baijnath, Tehsil- Huzur, Dist-Rewa (MP)
2	Name of the Company, Address Tele No. & E-mail	M/s Surendra Pal Kaur., H. NO. 299, Ward No. 10, Village – Baijnath, PO- Bholgarh, Dist. Rewa (MP)
3	Latitude and Longitude of the project	23 ^o 30'37.8" to 24 ^o 30'45.3 North 81 ^o 10'17.9" to 81 ^o 10'28.0"East
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 site etc	Running mine and presently closed since 2015, area – 4.05ha, Govt. Land Connectivity-NH-7
6	Whether the project is in the Critically Polluted Area (CPA):	No
7	Cost of the project	60.0 lakh
8	Employment generated/to be generated	91
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	Existing and Limestone- 60,000 TPA and Salable Waste Reject 10,410 M ³ Per Annum
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	NA
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)	NA
16	Type of Mine: (Open cast/Underground/mixed):	Opencast
17	Capacity of the mine applied for	Limestone
18	ML Area i. As per block allotment ii. As per approved mine plan	4.05ha
19	Date of approval of mine plan, mine closure plan, status & date	Mining plan approval date 06.08.2018

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	ToR stage
24	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions	ToR stage
25	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	No
		Signature of proponent
		Date

After detilas discussion the committee after deliberations decided that being it's a case of Limestone Mine and falls under B-1 category 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. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Level of mechanization should be discussed in the EIA report.
7. Hydro geological study should be carried out if ground water intersection is proposed.
8. Top soil management plan should be addressed in EIA report.
9. Input data of modeling should be addressed in EIA along with this all back up calculation.
10. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
11. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
12. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.

13. PP would follow environmental extend rules.
14. Details of blasting to be provided in the final EIA report.
15. Water balance chart to be submitted by the PP showing ZLD.
16. Over-head sprinkling system to be proposed.

PP has submitted the EIA report vide letter dated 19/09/2019 which was forwarded through SEIAA vide letter no. 2321 dated 23/09/2019 which was placed before committee.

The case was presented by the PP and their consultant wherein EIA/EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for Limestone Mine in an area of 4.05 Ha. Production Capacity-60,000 ton per annum and 10,410 m³ Salable OB(Waste) Reject (Khasra No. 32 Part) at Village- Baijnath, Tehsil - Huzur, Dist. Rewa (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.

13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. At the end of conceptual period total 1.44ha. area shall be developed as green belt.
21. 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. As proposed in the landscape plan & EMP a minimum of 2200 trees shall be planted on barrier zone, backfilled area and along the transportation route.
22. Transportation of material shall be done in covered vehicles.
23. Transportation of minerals shall not be carried out through forest area.
24. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
25. 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.
26. The size of the drain will be as -

Garland drain no.	Location of Garland drain	Size mL X mW X mD
	Proposed garland drain	
PGD_1	P_1 to P_3	96.00 X 1.00 X 1.00
PGD_2	P_3 to P_7	310.00 X 1.00 X 1.00
PGD_3	P_7 to P_10	260.00 X 1.00 X 1.00
PGD_4	P_10 to P_11	130.00 X 1.00 X 1.00

27. The settling tank will be two in number of following size as:

Identified Drain With No.	No. of Settling Pit	Size of Settling Pit (M) W X L X D
PGD_1	PSP_1	5.0x1.35x1.5
PGD_ 1 & PGD_2	PSP_2	5.0x1.35x1.5
PGD_2	PSP_3 to PSP_4	5.0x1.35x1.5
PGD_ 2 & PGD_3	PSP_5	5.0x1.35x1.5
PGD_3	PSP_ 6 to PSP_7	5.0x1.35x1.5
PGD_ 3 & PGD_4	PSP_8	5.0x1.35x1.5
PGD_4	PSP_ 9	5.0x1.35x1.5

28. 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.
29. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
30. The existing and proposed land use plan of the mine is as follows:

Items	Existing	Conceptual Period
Total lease area	4.05 ha	
Ultimate depth of mining	8 m bgl (372 m MSL)	17 m bgl (363 m MSL)
Ultimate pit slope	80 degree	45 degree
Area under dumps	0.02 ha	0.00ha
Area under pits	2.65 ha	3.36 ha
Infrastructure & Road	Nil	Nil
Mineral storage	Nil	Nil

Plantation	0.05 ha	0.69 ha
Un-worked area	1.32 ha	Nil
Total	4.05 ha	4.05 ha
Water body	0.50 ha	2.61 ha
Area to be reclaimed	Nil	0.75 ha
Plantation		
Un-worked area	0.05 ha (50Nos.)	0.69 ha (700 Nos.)
Backfilled area	Nil	0.75 ha (1500 Nos.)
Total area for plantation	0.05ha (50 Nos.)	1.44 ha (2200 Nos.)

31. 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.
32. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
33. The commitments made in the public hearing are to be fulfilled by the PP.
34. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
35. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

36. In the proposed EMP, capital cost is Rs. 28.46 Lakh is proposed and Rs. 09.54 Lakh /year as recurring expenses.
37. Under CSR activity, Rs. 2.50 Lakh as capital and Rs. 03.0 Lakh /year as recurring expenses are proposed in different activities and should be implemented through respective committees.
38. 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.

39. 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.
 40. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 41. 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.
3. **Case No. - 6480/2019 M/s Vindhyachal Distilleries Pvt. Ltd, E-2/34, Arera Colony, Dist. Bhopal, (M.P.) – 462016. Prior Environment Clearance for Capacity Expansion of Grain Based Distillery from 25 KLD to 40 KLD through modification by installing a certain machineries alongwith Cogeneration Power Plant of 1.1 MW ha. in at Khasra no. – 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/42, 179/48, 179/49 & 179/50. Village - Pilukhedi, Tehsil-Narsingharh, Dist. -Rajgarh, (M.P.). Category: 5(g) Distilleries Project. FoR – ToR. Env. Con. – Creative Enviro Services, Bhopal (MP.).**

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

The project is covered as item 5(g) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. Salient features of the project and the proposed TOR were presented before the committee by the PP and his consultant.

Salient features of the project:

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

- Plant can be operated on different Grain feedstock like broken rice, Corn, Sorghum, Millet etc.
- Provided with most efficient Feed batch Fermentation technology
- Distillation operating on Multi-Pressure Technology -a efficiently heat integrated system, operating on fully automated PLC control system
- On line cleaning system is provided for distillation equipment's to minimize plant shut down period.
- Process equipment's are designed as per TEMA/ ASME standards
- Indian Buhler makes Mill and efficient grain handling system is considered.
- Closed water recycles system and plant process is designed to minimize fresh water requirement by recycling various effluents.
- Drier is considered to dry distillery wet grain soluble (DWGS), A mixture of spent grain and evaporated thick slops:
- CO₂ is discharged as a byproduct from Fermentation process which in turn can be utilized after further treatment (CO₂ Plant) in industrial or food grade application.
- Zero Effluent Discharge norms is applied while designing the plant

Project at a Glance:

- Simple Distillation Scheme with optimum number of distillation columns and easy plant operation,
- Energy efficient thermally integrated Multi-pressure Column Operation leads to lower steam consumption,
- Thermal Integration with Spent Wash Evaporator helps substantially reduce spent wash volume without using any steam, thus resulting in substantial energy savings over the plant life,
- Vacuum operation combined with the high turbulence tray design for Beer Stripper column almost eliminates the scale formation, hence plant down time is substantially reduced,
- Indirect heating of Analyzer Column to prevent undesired dilution of spent wash with steam condensate
- Multi-pass design of condensers with higher tube velocities to minimize scaling inside tubes and ensure higher heat transfer coefficients,
- Highly efficient Fusel Oil Decanter with proper mixing, calming and separation zones ensures proper separation of fusel oils,
- Better quality product with effective separation of impurities,
- Higher Distillation efficiency,
- Fully automated plant with advanced control system eliminates chances of human error and ensures consistent high distillation efficiencies and excellent product quality.

Other Details:

Particular	For 25 KLD Plant	For expansion project	Total for 50 KLD
Site Address	Khasra No. 179/20, 179/22, 179/25, 179/34, 179/40, 179/41, 179/48, 179/49 and 179/50 PiluKhedi, Narsingarh Madhya Pradesh 465667		
Production Capacity	25 KLPD	25 KLPD	50 KLPD
No of operation days	330	330	330
Cost of Project in Crore	30.57	3.15	33.72
Grain Requirement	57 MT Rice, 65 MT Jowar, Makka, Bajra	57 MT Rice	114 MT Rice, 130 MT Jowar, Bajra, Makka
Boiler capacity at MCR (100% Load)	(5 TPH +8 TPH)		14 TPH
Steam Requirement	108 TPD	72 TPD	180 TPD
Fuel	Coal/rice husk	Coal/rice husk	Coal/rice husk
Total Water Requirement	690 m3/day	444 m3/day	1124 m3/day
Net fresh Water Requirement	222 m3/day	191 m3/day	411 m3/day
Source of water supply	Tankar & AKVN	Tankar & AKVN	Tankar & AKVN
Raw Spent wash Generation (Grain)	145 m3/day	145 m3/day	290 m3/day
Power Requirement	400 Kw/Hr	608 Kw/Hr	650 Kw/Hr/790KW/Hr
Capacity of Co Gen Plant	1.1 MW	1.1 MW	1.1 MW
Details of DG sets	380 KVA	Remain same	380 KVA
Effluent Treatment System	145 M3/Day MEE Plant	145M3/Day MEE Plant	290 M3/Day Plant

Particular	For 25 KLD Plant	For Expansion Project	Total for 50 KLD
Quantity of DWGS/DDGS Generation	3330kgs DWGS generated for 1000 ltrs. RS/ENA production for 25 KL per day RS/ENA production total DWGS generated	3330kgs DWGS generated for 1000 ltrs. RS/ENA production for 25 KL per day RS/ENA production total DWGS generated 83250 kgs per day.	DWGS-3330 Kgs X 50 KL = 1,66,500 kgs. per day DDGS-49,950 kgs. per day

	83250 kgs per day. 83250 kgs. DWGS contains 70% moisture so DDGS generated 24975 kgs. per day for 25 KL RS/ENA production.	83250 kgs. DWGS contains 70% moisture so DDGS generated 24975 kgs. per day for 25 KL RS/ENA production.	
Quantity of coal ash generation	8 Ton/Day	8 Ton/Day	16 Ton/Day
Alternative Source of Power	DG & Grid Steam Turbine 1.1 MW	DG & Grid 1.1 MW	DG & Grid 1.1 MW
Size of storage area	2500 MT	2500 MT	5000 MT
Coal & Husk Storage area	100 Sq. Mtr	100 Sq. Mtr	100 Sq. Mtr
No & Capacity of spent wash holding tank	1 No. 40 KL	Remain same	40 KL
Direct employment generation	500	25	525
Land acquired (owned)	30 Acres	Remain same	Remain same
Existing area of plantation	9.7285acres	-	-
Proposed area for plantation	2.4711 acres		

After deliberations committee has issued following TORs' in addition to the standard TORs' prescribed by the MoEF & CC annexed in annexure-D:

- Public hearing shall be conducted as plant is not in the industrial area.
- Tall height trees shall be proposed in the boundary wall of the plants.

4. Case No. – 6512/2019 M/s Ekta Granite, R/o - 63, Sun City Colony, Dist. Chhatarpur, MP Prior Environment Clearance for Granite Stone Mine in an area of 3.10 ha. (2,50,000 cum per annum) (Khasra No. 410), Village - Churyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Granite Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 410), Village - Churyari, Tehsil - Gaurihar, Dist. Chhatarpur (M.P.) 3.10 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. 4116 dated: 22/07/19 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 17.40 ha., including this mine.

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

- That the lease area is falling on the hillock which is having about 30 meters elevation difference and the lease area is situated on the right flank of this steep hillock.
- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involves lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- PP will address such above mentioned issues in the EIA report.

Also, being it's a case Stone Quarry with total area of 17.40 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. Khasara map shall be submitted along with the EIA report.
2. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.

3. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
 4. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
 5. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
 6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
 7. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
 8. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
 9. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
5. **Case No. – 6486/2019 M/s Khajuraho Stones (India) Pvt. Ltd, 6th Km, Sagar Road, Dhadari, PO & Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 4.550 ha. (2,65,000 Tonne per annum) (Khasra No. 319), Village - Malka, Tehsil - Maharajpur, 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. 319), Village - Malka, Tehsil - Maharajpur, Dist. Chhatarpur (MP) 4.550 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. 2956 dated: 21/06/19 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, it was observed that the lease area is falling on the hillock which is 13 meters height from the surface, within 500 meters following other sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees	within lease	-	Permission from the competent authority shall be taken by PP before any trees faling.
Canal	>260	SW	Provision of settling tanks and garland drain in this direction.
Water body	>90	SW	
Natural drain	>250	NE	

After presentation the committee asked to submit following details:

- Protection plan of pond in existence in south direction.
- Inventory of trees in QL area.
- Revised EMP as suggested by the committee.
- Revised CER which shall include provision of RWH, potable water supply, empowerment of nearby school for activities such as Science Lab, Library, School boundary wall and play ground also distribute sports kits as discussed during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, 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 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 2,65,000 Tonne/annum.
2. A budgetary provision for Environmental management Plan of Rs. 20.71 Lakh as capital and Rs. 7.46 Lakh/year. Under CER Rs. 03.0 Lakh/year has proposed.

6. Case No. – 6499/2019 M/s Khajuraho Infrastructure Pvt. Ltd, 6th km Sagar Road, Dhadari, PO & Dist. Chhatarpur, MP - 471001, Prior Environment Clearance for Stone Quarry in an area of 3.890 ha. (1,49,486 tonne per annum) (Khasra No. 818, 822/1), Village - Bedar, Tehsil - Maharajpur, 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. 818, 822/1), Village - Bedar , Tehsil - Maharajpur, Dist. Chhatarpur (MP) 3.890 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. 3392 dated: 05/07/19 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, it was observed that the lease area is falling on the hillock which is 14 meters height from the surface, within 500 meters following other sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Trees	within lease	-	Permission from the competent authority shall be taken before any trees faling.
Natural drain	>400	SE	Provision of settling tanks and garland drain in this side.

After presentation the committee asked to submit following details:

- Inventory of trees in QL area.
- Revised EMP as suggested by the committee.
- Revised CER which shall include provision of RWH, potable water supply, empowerment of nearby school for activities such as Science Lab, Library, School

boundary wall and play ground also distribute sports kits as discussed during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, 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 decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,49,486 Tonne/annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.39 Lakh as capital and Rs. 6.25 Lakh/year. Under CER Rs. 3.0 Lakh/year has proposed.

7. Case No. – 6493/2019 M/s Om Granite, Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP – 471510 Prior Environment Clearance for Crusher Stone (Granite) Mine in an area of 1.214 ha. (25,886 cum per annum) (Khasra No. 1591/1, 1599/1/1, 1593/1, 1594/1, 1361/1/2), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).

This is case of Crusher Stone (Granite) Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1591/1, 1599/1/1, 1593/1, 1594/1, 1361/1/2), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP) 1.214 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. 1904 dated: 05/04/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 19.628 ha., including this mine.

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

- That the lease area is falling on the hillock which is having about 16 meters elevation difference and the lease area is situated on the right flank of this steep hillock.

- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involves lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- PP will address such above mentioned issues in the EIA report.

Also, being it's a case Stone Quarry with total area of 19.628 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. Some trees were existing within the lease area hence, the inventory of the trees shall be submitted along with the EIA report.
2. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
3. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
4. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
5. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
7. Proposal for pucca evacuation road (to carry 40 MT truck load) with at least 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
8. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
9. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devices, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

8. Case No. - 6014/2019 Smt. Rachna Chouksey, Village - 181 Chouksey Nagar, Tehsil - Huzur, Dist. Bhopal – 462001 Prior Environment Clearance for Crusher Stone (Basalt) Quarry in an area of 4.00 ha. (24,949 cum per annum) (Khasra No. 3), Tehsil - Huzur, Dist. Bhopal.

This is case of Crusher Stone (Basalt) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3), Tehsil - Huzur, Dist. Bhopal (M.P.) 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 letter No. 1705 dated: 14/7/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

In the SEAC 361st meeting dated 12.04.2018, the case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this lease from DEIAA issued vide letter no 64 dated 23/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case cannot be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 30 days case may be referred back to SEIAA for delisting.

This case was scheduled in 385th SEAC meeting dated 12/07/2019 Vide letter received dated 06.07.2019 requested that extend 45 days time to provide suitable permission for collector for carrying out mining on this lease. Because parliamentary election collector and local officers

are involved in the election duties and unable to peruse our matter and then after collector has transferred.

Committee after deliberation decided to give additional 45 days considering PP's request for taking permission from Collector for carrying out mining on this lease and if same is not submitted within 45 days case may be referred back to SEIAA for delisting.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. However, PP has requested that due to ill health he is unable to attend the meeting. Committee further observed that till date PP has also not submitted the desired information even after seeking in extension of time and in such situation case cannot be kept pending for long hence case is recommends that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent/has not submitted the desired information, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

9. Case No. – 6006/2019 Smt. Ketki Sood W/o Shri Kunal Sood, E-2/42, Arera Colony, Bhopal, MP – 462016 Prior Environment Clearance for Crusher Stone (Gitti) Quarry in an area of 2.620 ha. (15,660 cum per annum) (Khasra No. 3), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Crusher Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (MP) 2.620 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. 2196 dated: 17/9/2014 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 14.932 ha., including this mine.

In the SEAC 361st meeting dated 12.04.2018, the case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this

lease from DEIAA issued vide letter no 43 dated 23/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case cannot be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 30 days case may be referred back to SEIAA for delisting.

This case was scheduled in 385th SEAC meeting dated 12/07/2019 wherein Vide letter received dated 06.07.2019 PP requested that extend 45 days time to provide suitable permission for collector for carrying out mining on this lease. Because parliamentary election collector and local officers are involved in the election duties and unable to peruse our matter and then after collector has transferred.

Committee after deliberation decided to give additional 45 days considering PP's request for taking permission from Collector for carrying out mining on this lease and if same is not submitted within 45 days case may be referred back to SEIAA for delisting.

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 further observed that till date PP has also not submitted the desired information even after seeking in extension of time and in such situation case cannot be kept pending for long hence case is recommends that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent/has not submitted the desired information, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

10. Case No. – 6007/2019 Smt. Tulsi Ahuja, H.No. 44, Kotra Road, Dwarikapuri, Dist. Bhopal, MP – 462010 Prior Environment Clearance for Basalt Stone (Gitti) Quarry in an area of 2.00 ha. (25,000 cum per annum) (Khasra No. 5), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Basalt Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 5), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (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. 2528 dated: 23/9/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

In the SEAC 361st meeting dated 12.04.2018, the case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this lease from DEIAA issued vide letter no 15 dated 16/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case cannot be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 30 days case may be referred back to SEIAA for delisting.

This case was scheduled in 385th SEAC meeting dated 12/07/2019 wherein Vide letter received dated 06.07.2019 requested that extend 45 days time to provide suitable permission for collector for carrying out mining on this lease. Because parliamentary election collector

and local officers are involved in the election duties and unable to peruse our matter and then after collector has transferred.

Committee after deliberation decided to give additional 45 days considering PP's request for taking permission from Collector for carrying out mining on this lease and if same is not submitted within 45 days case may be referred back to SEIAA for delisting.

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 further observed that till date PP has also not submitted the desired information even after seeking in extension of time and in such situation case cannot be kept pending for long hence case is recommends that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent/has not submitted the desired information, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

11. Case No. - 6013/2019 Smt. Soniya Sood W/o Shri Ish Kumar Sood, E-2/42, Arera Colony, Bhopal, MP – 462016 Prior Environment Clearance for Basalt Stone (Gitti) Quarry in an area of 2.00 ha. (8,820 cum per annum) (Khasra No. 564/2/1), Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Basalt Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 564/2/1), Tehsil - Huzur, Dist. Bhopal (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. 763 dated: 19/05/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

In the SEAC 361st meeting dated 12.04.2018, the case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this

lease from DEIAA issued vide letter no 106 dated 30/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case cannot be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 30 days case may be referred back to SEIAA for delisting.

This case was scheduled in 385th SEAC meeting dated 12/07/2019 wherein Vide letter received dated 06.07.2019 PP requested that extend 45 days time to provide suitable permission for collector for carrying out mining on this lease. Because parliamentary election collector and local officers are involved in the election duties and unable to peruse our matter and then after collector has transferred.

Committee after deliberation decided to give additional 45 days considering PP's request for taking permission from Collector for carrying out mining on this lease and if same is not submitted within 45 days case may be referred back to SEIAA for delisting.

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 further observed that till date PP has also not submitted the desired information even after seeking in extension of time and in such situation case cannot be kept pending for long hence case is recommends that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent/has not submitted the desired information, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

12. Case No.-5513/2017 Shri Arif Ahmad R/o Mission Chowk, Katni, MP – 4835-01. Prior Environment Clearance for Expansion of Limestone Mining Project in an area of 9.35 ha. (from 25,000 TPA to 1,28,655 TPA) (Khasra no. 204, 204/1, 204/2, 205, 209, 210, 317) at Village- Bhatgawan Sunehra, Tehsil - Murwara, Dist. Katni, (MP)

This is case of Limestone Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 204, 204/1, 204/2, 205, 209, 210, 317) at Village- Bhatgawan Sunehra, Tehsil - Murwara, Dist. Katni, (MP) 9.35 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 69th SEAC-II meeting dated 07/03/2017 wherein it was recorded that: Being it's a case of major mineral, 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. 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. Any alternate route avoiding the nearby habitations.
5. Environmental Policy duly approved by the authority should be attached with the EIA report.
6. Monitoring on atleast 08 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
7. All the surface water to be monitored which comes in 10 Km. radius of ML area and results should be incorporated in final EIA report.
8. Land use plan should be plotted on the map.
9. Mine lease extension letter.
10. Compliance of earlier EC conditions from the MoEF&CC should be submitted with the EIA report.
11. Compliance of consent condition from the concerned Regional Officer, MP Pollution Control Board should be submitted along with the EIA report.
12. Production figure from 2002 to be submitted in the final EIA report.

13. Input to the model with all the back-up calculations should bring additionally with final EIA report.
14. Photographs of the mine site taken during monitoring with time and date should attach in the final EIA report.

PP has submitted EIA Report vide letter dated 01/02/18 which was forwarded by SEIAA to SEAC vide letter no. 1938 dtd. 13/03/18. EIA was placed before committee.

The case was presented by the PP and their consultant in 311th SEAC meeting dated 16/04/2018 wherein during discussions it was observed by the committee that it's a case of expansion and as per TOR conditions; PP has not submitted the compliance of earlier EC conditions from the MoEF&CC which is essential for the appraisal of the project. Thus PP was asked to submit the MoEF&CC compliance report of earlier EC conditions for further appraisal of the project.

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.

SEIAA vide letter no 2008 dated 05/09/2019 has forwarded this case to SEAC by stating that: PP has submitted the desired information vide letter dtd. Nil received in SEIAA office dated 08.07.2019 as per SEAC 311th meeting dtd. 16.04.18. Hence it is decided to relist the case and send the information to SEAC for appraisal along with technical file.

Based on the above submission this case was placed before committee.

Thus, PP has submitted the MoEF&CC compliance report of earlier EC conditions, issued vide letter no. 409, dated 02.07.02019.

The case was presented by the PP and their consultant wherein after presentation the committee was asked to PP to submit following information:

- Revised EMP & CER as suggested during presentation.

PP vide their letter dated 01.10.2019, submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 approval of Limestone Mining Project in an area of 9.35 ha. (from 25,000 TPA to 1,28,655 TPA) (Khasra no. 204,

204/1, 204/2, 205, 209, 210, 317) at Village- Bhatgawan Sunehra, Tehsil - Murwara, Dist. 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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.

20. At the end of conceptual period total 1.44 ha. area shall be developed under green belt .
21. 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. As proposed in the landscape plan & EMP a minimum of 6000 trees shall be planted of native species along with some fruit bearing and medicinal trees during the plan period on barrier zone, backfilled area and along the transportation route.
22. Transportation of material shall be done in covered vehicles.
23. Transportation of minerals shall not be carried out through forest area.
24. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
25. 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 and the size of the drain will be as - 1005MX1.5MX2.2M (LXWXD)
26. The settling tank will be four in number of following size as: 5MX3MX3M
27. 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.
28. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
29. The existing and proposed land use plan of the mine is as follows:

S. No.	Land Use category	Present in Ha	5th Year in Ha	Conceptual Period in Ha
1	Excavation	0.6305	2.3	5.8978
2	Waste Dump	---	0.9	---
3	Top Soil Dump	---	0.3	---
4	Road	0.30	0.50	0.05
5	Built Up Area	---	---	---
6	Township Area	---	---	---
7	Afforestation	0.1875	0.75	2.7960
8	Reclamation (Backfilled)	---	---	0.6062

9	Mineral Storage	---	---	---
10	Processing (Crushing)	---	---	---
11	Undisturbed Area	8.232	4.6	---
	Total	9.35	9.35	9.35

30. 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.
31. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
32. The commitments made in the public hearing are to be fulfilled by the PP.
33. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
34. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

35. In the proposed EMP, capital cost is Rs. 42.72 Lakh is proposed and Rs. 09.0 Lakh /year as recurring expenses.
36. Under CSR activity, Rs. 4.0 Lakh /year has proposed for five years in different activities and should be implemented through respective committees.
37. 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.
38. 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.
39. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
40. PP will comply with all the commitments made vide letter dated 01.10.2019.
41. 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.

13. Case No. – 6397/2019 Shri Anoop Kumar Sahu, Jhanda Bazar, Sihora, Dist. Jabalpur, MP - 483225, Email - kumaranoopsahu123@gmail.com, Mobile – 6263265713 Prior Environment Clearance for Metal Laterite, Red Ochre and Clay Deposit in an area of 4.85 ha. (Laterite – 8,004 tonne per annum, Clay – 3,884 tonne per annum, Ochre – 19,134 tonne per annum) (Khasra No. 535), Village - Kumhi, Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Metal Laterite, Red Ochre and Clay Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 535), Village - Kumhi, Tehsil - Sihora, Dist. Jabalpur (MP) 4.85 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 Tehsildar Office letter No. 31 dated: 27/05/19 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 in 389th SEAC meeting dated 09/08/2019, wherein as per Google image based on coordinates provided by PP it has observed by the committee that this lease is situated on the hillocks, which have approximately 10 meters elevation difference from the surface. Large part of this lease area, particularly in the NE to SE patch is having intensive trenches on the surface of the lease area. PP submitted that these trenches might be dug out for water re-charging purposes by earlier Gram Panchayat under some programme. Committee deliberated that these pits might be created under water watershed mission. Hence, after deliberation the PP was asked to submit fresh Gram Sabha NOC for mining on this lease for further appraisal of this case.

The PP has submitted fresh gram Sabha NOC issued by dated on 24.06.2019 and they (gram Sabha) have no objection to carry out mining operation on this lease area.

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 Laterite- 8,004 Tonne per annum, Clay – 3,884 Tonne per annum and Ochre – 19,134 Tonne per annum.
2. A budgetary provision for Environmental management Plan of Rs. 23.73 Lakh as capital and Rs. 2.89 Lakh/year and under CSR Rs. 01.00 Lakh/years has proposed.

14. Case No. 6489/2019 Shri Rishabh Sharma S/o Shri Rajesh Sharma, RO - 17, Ideal Grand, Narmada Road, Dist. Jabalpur, (M.P.) - 482002. Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (7,125 cum per annum) (Khasra No. 64, 77), Village - Khamhariya Dungariya, Tehsil - Sahpura, Dist. - Dindori (M.P.).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 64, 77), Village - Khamhariya Dungariya, Tehsil - Sahpura, Dist. - Dindori (M.P.) 1.20 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. 40 dated: 17/01/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.20 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is falling on the plateau like structure within 500 meters following sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	>58	West	Provision of settling tanks and garland drain in this direction.
Natural drain	>25	South	Set back of 25 meters and Provision of settling tanks and garland drain in this direction.
Road	>130	East	-

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 7,125 cum/annum.
2. A set back of 25 meters within lease shall be left from natural drain.
3. A budgetary provision for Environmental management Plan of Rs. 8.30 Lakh as capital and Rs. 1.82 Lakh/year. Under CER Rs. 0.60 Lakh/year has proposed.

15. Case No. – 6501/2019 M/s Udit Infra World Pvt. Ltd, Shri Abhay Mishra, Near White House, Arjun Nagar, Dist. Rewa, MP – 486001 Prior Environment Clearance for Crusher Stone Deposit in an area of 1.565 ha. (1,50,000 tonne per annum) (Khasra No. 505), Village - Chargawan, Tehsil - Nowrozabad, Dist. Umaria (MP).

This is case of Crusher Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 505), Village - Chargawan, Tehsil - Nowrozabad, Dist. Umaria (MP) 1.565 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: 14/06/19 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, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	>25	West	Set back of 25 meters and Provision of settling tanks and garland drain in this direction.
Village Road	>400	West	-

PP stated that, this lease was obtained under temporary permit (TP) with 18 months validity. After presentation the committee asked to submit following details:

- Revised environmental map showing all features.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, 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 decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for stone 1,50,000 Tonne/annum.
2. A set back of 25 meters within lease shall be left from natural drain.
3. A budgetary provision for Environmental management Plan of Rs. 12.44 Lakh as capital and Rs. 3.52 Lakh/year. Under CER Rs. 1.30 Lakh/ year has proposed.

16. Case No. – 6502/2019 Smt. Manorma Tomar W/o Shri Devendra Singh Tomar, R/o New Colony No. 2/199, Birla Nagar, Dist. Gwalior, MP – 474004 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (0.2 MCM per annum) (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (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 Ekal Praman-Patr (Collector Office) letter No. QL-251 dated:

10/04/19 has reported that there are 16 more mines operating or proposed within 500 meters around the said mine with total area of 31.511 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.

(Dr. Rubina Chaudhary)
Member

(Dr. A.K. Sharma)
Member

(Dr. Sonal Mehta)
Member

(Dr. Mohd. Akram Khan)
Member

(R.S.Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. 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 trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. 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.

9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. 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.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

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

project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K shall be analyzed in all soil samples.

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.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. 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.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.