

The 548th meeting of the State Expert Appraisal Committee (SEAC) was held on 10th February, 2022 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. Case No 8099/2021 M/s Italian Marble, Gautam Mohalla, Jalpa Devi Ward, Dist. Katni, MP - 483501 Prior Environment Clearance for Marble Mine in an area of 8.21 ha. (14029 cum per annum) (Khasra No. 406, 417), Village - Pondi, Tehsil - Dhimarkhera, Dist. Katni, (MP) M/s. Creative Enviro Services, Bhopal.

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 406, 417), Village - Pondi, Tehsil - Dhimarkhera, Dist. Katni, (MP) 8.21 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. 3020 dated: 09/10/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 26.86 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 477th SEAC dated 30/01/2021 wherein ToR was recommended & in 489th SEAC meeting dated 12-03-21. revised TOR recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by the Env. Consultant Mr. Mukesh Kaore from M/s. Creative Enviro Services, Bhopal and Shri Arun Kumar Sukla (PP). During presentation PP submitted that this is case of Marble Quarry , the proposed site at khasra No. 406, 417, Village - Pondi, Tehsil - Dhimarkhera, Dist. Katni, (MP) 8.21 ha.

PP submitted following point about the project:

- This is a fresh case for grant of prior EC, the TOR issued vide letter No. 145 dated 10/02/2021 and the same has been amended vide letter No. 269 dated 18/06/2021.
- M/s Italian Marble, is registered partnership firm having their registered office at Jalpa Devi ward, Gautam Maholla. Katni, (M.P.) The company is engaged in mining and trading of minerals. The firm is controlled by its partners. Marble Mine is lease area is 8.21 ha. at khasra No. 406 & 417 Village - Pondi, Tehsil - Dhimarkhera, Dist. Katni, (MP) The lease area is falls in survey of India Toposheet 64A/6 and was sectioned in favour of M/s Italian Marble for the period from 16/12/2003 to 15/12/2033. The mining plan has been approved by DGM vide letter No. 443 dated 10/01/2020. The firm has submitted the letter from Office of the Collector (Mining Branch) Katni regarding the DSR vide letter N. 5734 dated 08/12/2021
- The mining project is proposed for an annual production of 57390 cum per years including Marble and salable. Out of total capacity of 57390 cum per year, Marble mining capacity is 14029 cum per year and salable rejects capacity 43361 cum per year.
- The lease area is undulating having gentle slope towards north – west the highest elevation is 446m RL towards SE side while the lowest elevation is 440 m, RL towards N-W. The lease area forms a part of the alluvial plains with gentle gradient Towards north west and south –west.
- The kuchha road is passing in 250m length in lease area.
- 4.0 kld waste water will be generated from the wire saw mining. This water will be collected in 2 Nos of settling tank of dimension of 3 x 2 x1.5m with proper retention time of 2 days. The suppurated water will be reused in wire saw cutting and the sludge will be used for backfilling in the excavated pits. Septic tank and soak pit will be provided for disposal of domestic sewage.

Salient features of the project

S. No.	Particulars	Details
1.	Nearest City	Katni is 32.0 km in N
2.	Nearest Railway Station	Niwar is 10.0 km in NW
3.	Nearest Airport	Jabalpur - 110.0 km
4.	Nearest Tourist Place within 10km radius.	None
5.	Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
6.	Nearest Village	Pondi is 1.0 km in NE
7.	Nearest River/water bodies	Poniya Nallah 3.5 km in SW Sumrar Tank is 6.2 km in NE Ametha Tank is 3.4 km in SW
8.	Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	None in 10 km radius.
9.	Reserve Forest within 10km radius	None in 10 km radius, as per the letter from Office of DFO Katni
10.	Nearest Highway	NH-7 is 12.0 km in West direction
11.	Other mines in 2 km radius	02 Nos of Mines

Land use Pattern

S.No.	Heads	At Present (ha)	At the end of 5 years (ha)	At conceptual period (ha)
1.	Pits	0.37	2.30	5.30
2.	Road	0.02	0.12	0.02
3.	Infrastructure	-	0.05	0.05
4.	OB Dump	0.14	0.3	-
5.	Green Belt	-	0.9	1.48
6.	Total area in use	0.53	2.86	8.21
7.	Balance land unused	7.68	5.35	-
	Total	8.21	8.21	8.21

The category of geological reserves

Total geological reserve	5394899 ton
Mineable Reserve	3531087 ton

Ratio of Marble reject	1:5
Life of Mine	23 years
Capacity	154953 ton Per Year (57390 m ³ per Year)
Ultimate pit depth	20m
Water Table	40m

Project Description with Process details:

Mining operations of pondi lease was done by semi mechanized mining method cutting of Marble was done by wire saw with the help of skilled and technical person block handling and transportation was done by the help of derrick crane excavators dumpers the Mine was closed since last many years. Loading of mineral in to truck/dumper is being done manually. Drilling and blasting is in practice and will continue in future as and when required. The mine is open cutting of marble block is being done by wire saw at first step the bench is being drilled vertically by help of wagon drill and compressor at desired length at right Angle then a wire with garland bit passes through the hole for cutting the marble block After cutting of desired size the block is being move out or shifted to the stock yard by Loader excavator or derrick crane at second step block is being checked by skilled technical person If it is find suitable then It is marked with grade code for sale If not the said material is being shifted to the dump Yard situated at the northern part of the lease for use of other purpose. After presentation and deliberation, PP was asked to submit following information:

1. PP shall submit the details of proposed alternate road outside Lease area in the north side of the lease with consent for Land Owner.
2. Commitment of PP that 50 m area shall be left as non mining area in proposed road side.
3. Justify the Public Hearing issues mentioned under in point no. 4, 6 & 7 nos.
4. Submit revised plantation plan with revised species and with commitment of 1-10 trees planted in cut tree in lease area.
5. Submit Revised CER plan, which includes public hearing demand with time frame.

PP vide their letter dated 10.02.2022 submitted query reply as well PP's commitment which are as follows:

- The proposed road will be constructed by M.P. Gramin Sadak Vikas Pradhikaran, Katni from the out side the lease area through khasra No. 414, 415 & 417, the consent letter from the owner of khasra No. 414 & 415 has been enclosed, as Annexure - 1, while the khasra No. 417 belong lease area. A letter from Office of the Collector (Mining Branch) Katni dully approved by the Collector

katni, has been issued to M.P. Gramin Sadak Vikas Pradhikaran, Katni vide letter No. 384 dated 12/01/2020 with directing them to construct the road out side the lease area through khasra No. 414, 415 & 417.

- We will left 50m set back (as mining Zone) from the proposed Road, thus 1.15 ha area will be left open as no mining zone in the North direction of lease. In this area we will developed thick green belt by planting 2000 plants and species and also preserve 5 Nos. of Existing Mahua Trees .
- 26 Nos. existing trees are in lease area, out of which 5 Nos. are located in North side in 50m set back area which will be no mining zone, and another 5 Nos. of trees of Gunja and palash are located in 7.5 barrier zone which will be also preserve. Thus we preserve 10 Nos. of exiting trees. We are committed that if any tree cutting is required then proper permission will be taken from the Forest Department and we will plant 10 time plants/species of the cut trees.

The all queries reply were 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 M/s Italian Marble, gautam Mohalla, Jalpa Devi Ward, Dist. Katni, MP - 483501 Prior Environment Clearance for Marble Mine in an area of 8.21 ha. Production- 14029 cum per annum, Khasra No. 406, 417, Village - Pondi, Tehsil - Dhimarkhera, Dist. Katni, (MP), subject to the following special conditions in addition to the standard conditions at annexure 'A':

(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

1. No intermediate stacking is permitted at the mine site.
2. No dump shall be stacked outside the lease area.
3. Overhead sprinklers shall be provided in mine.
4. 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.
5. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 or 2.5 feet 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 9000 no of trees shall be planted on barrier/non working zone, backfilled area, village and along the transportation route.
6. PP will left 50m set back (as mining Zone) from the proposed Road, thus 1.15 ha area will be left open as no mining zone in the North direction of lease. In this area we will developed thick green belt by planting 2000 plants and species and also preserve 5 Nos. of Existing Mahua Trees .
7. Transportation of material shall be done in covered vehicles.
8. Transportation of minerals shall not be carried out through forest area.
9. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
10. 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.
11. The settling tank size of 1.m x 1.5m x 1.0m with soak Pit of 1mdia x 1m depth and Settling Tank – 2 Nos. for slurry management .
12. 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.
13. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.

14. 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.
15. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. The commitments made in the public hearing are to be fulfilled by the PP.
17. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
18. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

19. In the proposed EMP, capital cost is Rs. 1861300/- is proposed and Rs. 100300/- per /year as recurring expenses.
20. Under CER following physical target based activities based on public hearing has proposed by PP :

S.No.	Particulars	Capital Cost	Requiring Cost.	Time schedule
1.	Primary School Pondi – donation of 30 Nos Benches Sports Kits – 10 Nos. Drinking water arrangement by installing water cooler	150000/-	20000/-	Within 1 year months from start of mine.
2.	White washing and Repairing of Pondi Primary School.	30000/-	10000/-	Within 1 year months from start of mine.
3.	Repairing of 400m Village road connect to Main road Pondi to Bichhua main road	200000/-	20000/-	As and when required
4.	Training and capacity building for nearby farmers to use drip irrigation techniques in their agriculture land. (only Training)	20000/-	5000/-	After 1 years of start of mine

5.	Drainage Drains in Villages Poniya and pondi	40000/-	10000/-	After 1 years of start of mine
6.	Distribution of 2000 Nos. of plants/species in villages Pondi, Poniya & Bichhua of variety – Awala, Kathal, Amrood, Mahua, Neebu and Sitafal and others as per demand	100000/-	-	Day1 of start of mine within 2 years
	Total	540000/-	65000/-	

21. 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.
22. 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.

2. Case No 8687/2021 M/s Chitrakiran Waste Management Pvt. Ltd, Smt. Kiran Singh and Shri Saurabh Shukla, Partner, 7/65, In Front of PHED Office, Civil Lines, Dist. Rewa, MP - 486001 Prior Environment Clearance for Common Bio Medical Waste Treatment Facility & Recycling Facility (CBWTF) at Plot No. 150/151, Atrari Industrial Area, Tehsil - Gurh, Dist. Rewa, (MP) Env. Consul. M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram,

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7(da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Earlier this case was scheduled for presentation and discussion in 518^h SEAC dated 08/10/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The case was presented by Env. Consultant Shri G. K. Mishra, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram on behalf of PP, wherein PP submitted:

- The application for environment clearance was applied to SEIAA on 14.09.2021. The application was forwarded to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The case was presented by the PP and their consultant in the SEAC-518th meeting dated 08.10.2021, wherein it was stated by the PP that the proposed unit will be established in the industrial Area (MPIDC) Atrari, Gurh, District-Rewa (MP). The total plot area 4899 sq.mt. (1.211 Acre).
- PP stated following salient features of the proposed project are as:

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF) & Recycling Facility
Promoter	Mr. Saurabh Shukla of M/s. Chitrakiran Waste Management Pvt. Ltd.
Location of Industry	Plot no. 150/151 Atrari, Gurh, District Rewa (M.P)
Total Plot Area	4899 Sq.mt.(1.211 Acre)
Open Area	2800.0 sq.mt.
Green Area	2099.0 sq. mt.
Capacity	<ul style="list-style-type: none">❖ 1 No. Incinerator of capacity 250 kg/hr (Dry)❖ 1 No. Autoclave of capacity 1200 kg/hr❖ 1 No. Shredder of capacity 100 kg/hr each❖ Chemical Disinfection Tank 1500 ltr❖ ETP Capacity – 20.0 KLD
Water Requirement	Approximately 5 KLD of water required during construction of the unit from Private water tankers. Water Demand in Operational Phase will be 20 KLD which will be met from MPIDC.
Wastewater Generation	20.0 KLD
ETP	20.0 KLD
Power Requirement	Approx. 22 KW for operation phase Supply source – (MPEB) Back up- DG. Set of 75 KVA capacities as standby.
Manpower Requirement	25 persons
Estimated Project cost	Rs. 340 Lacks

- CBWTF site is located near Plot No. 150/151, Industrial Area, Atrari, Gurh, District-Rewa, Madhya Pradesh. The coverage area of CBWTF site should be only one site for catering 10,000 beds or 150 kms radius. Only one CBWTF site is available in Rewa district.
- The baseline data were carried out for post-monsoon season, 2021 which they have informed to us during TOR presentation. The EIA report with covered all the TOR conditions was uploaded 15.01.2022 and also EDS reply on 24.01.2022.

During discussion it was also deliberated by members that a complaint has been received for this f projects forwarded by SEIAA vide letter No. 2994 dated 09/02/22. For complaints being made, PP submitted that another facility is in operation at Satna who is making this complaint stating that other facility shall not be established as per CPCB Guidelines. PP submitted that as per CPCB guidelines, it is the responsibility of SPCB to decide the number facilities to be established in an area. MP Pollution Control Board as published a report as per CPCB guidelines wherein it is stated that atleast one facility shall be established in a district and at present this will be the first facility in Rewa district which is being appraised for grant of EC (EIA presentation).

Committee also deliberated that as discussed on dated 10/01/22 (in case number 8755/2021 M/s. JRR Waste Management Pvt. Ltd for Proposed Common Waste Treatment Facility (CBWTF) at Plot No. GAA-22 & GAA 23 at MIDC, Malanpur, Ghirongi, Dist. Bhind (MP) granting EC does not mean that PP will come up and establishes the plant as validity of EC is for seven years and till such time no one will be considered for other EC. Thus EC shall be issued and who so ever establish the plant first and obtain CTO from MPPCB shall be given an opportunity to run the facility. After presentation PP was asked to submit response on following:

1. Details of existing HCF near by the proposed CBWTF.
2. Carbon foot print details of the proposed unit.
3. GAP Analysis details.
4. Revised Plantation Scheme.
5. Submission of Revised CER Budget.

PP vide letter dated 10.02.2022 submitted reply of the above query. The submissions of EIA report with all the relevant document/NOCs 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 Development of Common Bio-Medical Waste Treatment Facility & Recycling Facility at Industrial Area, Atrari, Phase no.2, Plot no.150/151, Gurh, District- REWA (M.P) Total Project Area- 4899 sq.m. 1 No.Incinerator of capacity 250 Kg Per Hour; 1 No. Autoclave of capacity 1200 liter Per Batch; 1No. Shredder of capacity 100

Kg Per Hour; Chemical Disinfection- 1500 Ltr ETP Capacity 20 KLD (MBBR). Subject to the following special conditions:

(A). Statutory Compliance

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- iv. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
- v. Project shall fulfill all the provisions of hazardous Wastes (Management, handling, and Transboundary Movement) Rules, 2016 including collection and transportation design etc. and also guidelines for Common Hazardous Waste Incineration – 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerations shall be followed.
- vi. Project shall fulfill hall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controlled of Explosive, Fire Department Civil Aviation Department shall be obtained, as applicable by project proponent from the respective competent authorities.

(B). Air quality monitoring and preservation

- i. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.

- ii. The DG sets (1 x 75 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.
- iii. The project proponent shall install emission monitoring system including Dioxin and furans to monitor stack emission with respect to standards prescribed in Environment in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iv. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- v. Incineration plant shall be operated (combustion chambers) with temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) consent in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the materials.
- vi. Ventura scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³).
- vii. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution Control devices (quenching, venturi scrubber, mist eliminatory) should be provided for compliance of emission standards.
- viii. Masking agents should be used for odour standards.

(C). Water quality monitoring and preservation

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Wastewater generated from the facility shall be treated in the ETP and treated wastewater shall be request in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
- iii. Process effluent /any wastewater should not be allowed to mix with storm water.
- iv. Total freshwater use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.

- v. Sewage Treatment Plan shall be provided to treat the wastewater generated from the project, treated water shall be reused within the project.
- vi. A certificate from the competent authority for discharging treated effluent/untreated effluents into the Public/sewer/disposal/drainages systems along with the final disposal point should be obtained.
- vii. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal
- viii. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground waste abstraction points and records for the same shall be maintained regularly.
- ix. Rainwater runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.

(D). Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG set (1x75 kVA) for controlling the noise pollution.
- ii. 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.
- iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night time.

(E). Energy Conservation measures

- i. Provide solar power generation roof tops of building, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly.
- ii. Provide LED lights in their offices and residential areas

(F). Waste management

- i. Incinerated ash shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the Commencement.
- ii. The solid wastes shall be segregated as per the norms of the solid Waste Management Rules, 2016.

- iii. A certificate from the competent authority handling municipal solid waste should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project.
- iv. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- v. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- vi. No landfill site is allowed within the CBWTF site.
- vii. The project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB
- viii. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.

(G). Green Belt

- i. Green belt shall be developed in area as provided in project details, with native tree green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. Details of proposed plantation area as given below:

Sr. No.	Proposed Plantation area	Plant species	Nos.
1	Peripheral plantation	Neem, Ashoka	150
2	Road side plantation	Neem, Ashoka	50
3	Plant & ETP Area	Jasmine, Swarna Champa, Parijat, Bela ETC.	100
	Total		250

(H). Safety, Public hearing, and Human health issues.

- i. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
- ii. Proper parking facility should be provided for employee & transport used for collection & disposal of waste materials.
- iii. Necessary provision shall be made for fire-fighting facilities within the complex.
- iv. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

- v. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health of environment from fires, explosion or/any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
- vi. 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, reache etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
- vii. Occupational health surveillance of the workers shall be done on a regular basis.

(I). EMP& CER

- i. The proposed EMP cost is Rs. 113.0 lakhs and 19.0 lakhs/year as recurring cost and out of which the budget for occupational health & safety for the project is 11.0 lakhs and Rs. 1.0 lakhs is proposed for budget for public health & safety.
- ii. Under CER following physical target based activities based on public hearing has proposed by PP :

Sr. No.	Proposed CER Activities	Budget (INR) in lakhs
1	We are committing herewith that in Nearby National Park/ sanctuary; we will adopt an Animal and will look after it, after taking permission from the local forest Authority.	2.0
2	Regular medical health checks up camps in nearby villages.	1.5
3	Funding proposed for the vill.: Atrari (Gurh) under “AganwadiPoshanAaharYojna”	1.5
	Total CER Budget	5 .0

- iii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to during into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/condition. 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.
- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

- v. 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 Officer along with the Six-monthly Compliance Report.
- vi. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J). Miscellaneous

- i. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- ii. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environmental clearance and the details of MoEF&CC/SEIAA website where it is displayed.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Head of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliances of the stipulated environment clearance conditions, including results of monitored data on their website and update the same of half-yearly basis.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest, and Climate Change at environmental clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The criteria pollutant levels namely, SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emission) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities.

Commencing the land development work and start of production operation by the project.

- ix. The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.
- x. 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.
- xi. No further expansion of modification in the plant shall be carried out within prior approval of the Ministry of Environment Forests and Climate Change (MoEF& CC).
- xii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The ministry reserves the right to stipulated additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv. The Regional Office of the Ministry shall monitor compliance of the stipulated conditions. The project authorities should extent full cooperation to the Officer(s) of the Regional Office by furnishing the requisite data/information/monitoring report.
- xvi. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the (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 any other orders passed by the Hon'ble Supreme Court of India/ High Courts/NGT and any other Court of Law relating to the submit matter.

3. Case No 8636/2021 M/s VNS Solution, Smt. Saroj Sharma, 240, New Jiwaji Nagar, Thatipur, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. 16 GAA, Village - Malanpur Ghirongi Notified Industrial Area, Tehsil - Bhind, Dist. Bhind (MP) Env. Consultant Shri Arvind Singh, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram.

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7(da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Earlier this case was scheduled for presentation and discussion in 516^h SEAC dated 23/09/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri G. K. Mishra, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram on behalf of PP, wherein PP submitted: that the proposed unit will be established in the notified industrial Area (MPIDC) at Malanpur, Ghirongi, Tehsil-Gohad, District-Bhind (MP). The total plot area 4899 sq.mt. (1.211 Acre). PP stated following salient features of the proposed project are as:

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF)		
Promoter	Mrs. Saroj Sharma of M/s. VNS Solution		
Location of Industry	Plot no 16 GAA Malanpur Ghirongi District Bhind (M.P)		
Total Plot Area	4500 Sq.mt. (1.11 Acre) or 4500 Sq.mt.		
Open Area	809.23 sq.mt.		
Green Area	1138.66 sq. mt.		
Capacity	❖ 1 No. Incinerator of capacity 200 kg/hr (Dry) ❖ 1 No. Autoclave of capacity 200 kg/hr ❖ 1 No. Shredder of capacity 200 kg/hr each ❖ ETP Capacity – 7.5 KLD (MBBR)		
Water Requirement	Approximately 5 KLD of water required during construction of the unit from Private water tankers. Water Demand in Operational Phase:		
	S. No	Particulars	Demand in KLD
	1	Domestic Water Requirement	1.00
	2	Process Water Requirement	3.00
	3	Vehicle Washing	6.00
	4	Landscaping	5.00
	Total Water Demand		15. KLD
Wastewater Generation	7.1 KLD		
ETP	7.5 KLD		
Power	5.68 KLD (Reuse 5 KLD Landscaping & 0.68 Misc. Purpose.)		

Requirement	
Manpower Requirement	Approx. 42 kVA for operation phase Supply source – (MPEB) Back up- DG. Set of 200 KVA capacities as standby.
Estimated Project cost	50 persons

CBWTF site is located near Plot No. 16 GAA, Village-Malanpur, Tehsil & District-Bhind (M.P.). The coverage area of CBWTF site should be only one site for catering 10,000 beds or 150 kms radius. During discussion it was also deliberated by members that number of complaints has been received for this kind of projects and also two facilities are under consideration for EC in this area adjacent to each other. SEIAA also vide letter No. 2871 dated 17/01/22 has also sent a letter issued by CPCB in this regards. For complaints being made, one more PP (M/s JRR Waste Managemnt Pvt. Ltd) has made an application for establishing similar kind of facility nearby in the same industrial area. After presentation and discussion PP was asked to submit following revised details:

- 1) Details on control measures proposed for odour pollution.
- 2) Detailed gap analysis through data authentication from Government agency considering all proposed and operational facilities and justification for establishment of another CBWTF within 75 kms radius.
- 3) Carbon foot print details of the proposed unit.
- 4) Revised CER programme with budgetary provision
- 5) Details on gaseous emission and standard limits with proposed monitoring system.
- 6) EMP as suggested by committee.
- 7) Revised Plantation Scheme as suggested by committee.

4. Case No 8862/2021 Shri Arpit Sharma Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP), Prior Environment Clearance for Quartzite Stone Quarry in an area of 10.0 ha. (15002 Cum per annum) (Khasra No. 155, 161, 162, 183, 184, 185, 186, 187), Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP). Env. Consultant: CSIR-Central Institute of Mining and Fuel Research, Dhanbad.

This is case of Quartzite Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 155, 161, 162, 183, 184, 185, 186, 187), Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP) . Area-10.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation in 539th SEAC meeting dated 07/01/2022 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by RQP Shri Rakesh Choubey on behalf of PP. As per Google image based on online KML file uploaded by PP it was observed that the lease is located on hillock, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some trees	Within lease	-	Protection plan & Provision of Garland drain & settling tanks.
Kachha Road	Crossing the lease	-	Revise surface map showing appropriate set back wrt as per policy decision taken by SEIAA meeting 694 th dated 26.11.2021 and issued vide no. 2590 dated 14.12.2021.

Being it's a case Quartzite Stone Quarry with total area of 10.0 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then its proper management plan it should be clearly addressed in EIA.
- Protection plan with appropriate set back wrt kachha road Crossing the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of the barrier zone.

5. Case No 8874/2021 Madanpura Quartzite Stone Quarry, Shri Arpit Sharma, Village - Madanpura, Tehsil - Chhatarpur, Dist. Chhatarpur (MP). Prior Environment Clearance for Quartzite Stone Quarry in an area of 10.0 ha. (25000 Cum per annum) (Khasra No. 10), Village - Madanpura, Tehsil - Chhatarpur, Dist. Chhatarpur (MP). EIA Consultant: CSIR-Central Institute of Mining and Fuel Research, Dhanbad.

This is case of Quartzite Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 10), Village - Madanpura, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 10.0 ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation in 540th SEAC meeting dated 08/01/2022 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by RQP Shri Rakesh Choubey on behalf of PP. As per Google image based on online KML file uploaded by PP it was observed that the lease is located on hillock, around 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	16 & 37	West & East	Provision of Garland drain & settling tanks.
Kachha Road	32	South-west	Revise surface map showing appropriate set back wrt as per policy decision taken by SEIAA meeting 694th dated 26.11.2021 and issued vide no. 2590 dated 14.12.2021.

Being it's a case Quartzite Stone Quarry with total area of 10.0 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the

process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Protection plan with appropriate set back wrt Natural drains which is about 16 & 37 meters in the West & East side and kachha road : 32 meters in the South-west of the lease area .
- The lease is located on the hillock hence, surface run off management plan shall be discussed in the EIA report.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of the barrier zone.

6. Case No 8920/2022 Badagaon Stone Quarry Prop. Shri Trilok Grover, Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP), Prior Environment Clearance for Stone Quarry in an area of 3.85 ha. (75544 Cum per annum) (Khasra No. 206, 207, 208, 209/1, 209/2, 210/6, 210/7, 219/1, 219/2, 219/3, 218), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP) EIA Consultant: CSIR-Central Institute of Mining and Fuel Research, Dhanbad.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 206, 207, 208, 209/1, 209/2, 210/6, 210/7, 219/1, 219/2, 219/3, 218), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP) 3.85 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant: Shri R.K. Choube on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1828 dated 21/06/21 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 25.62 ha., including this mine.

Being it's a case Stone Quarry with total area of 25.62 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:-

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then its proper management plan it should be clearly addressed in EIA.
- Soil profile study in the barrier zone.
- Protection plan w.r.t. pucca road : >160 meters in the SW .
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge (if any) is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

7. Case No 8925/2021 Shri Ankit Goenka Owner, Village - Nayakheda, Tehsil - Rithi, Dist. Katni (MP), Prior Environment Clearance for Flagstone Quarry in an area of 1.563 ha. (Flagstone –4000 Cum per annum & OB- 5999 Cum per annum Total 9999 Cum per annum) (Khasra No. 623/2, 623/3, 623/4), Village - Nayakheda, Tehsil - Rithi, Dist. Katni (MP) EIA Consultant: CSIR-Central Institute of Mining and Fuel Research, Dhanbad.

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 623/2, 623/3, 623/4), Village - Nayakheda, Tehsil - Rithi, Dist. Katni (MP) 1.563 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri R.K. Choube on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 5835 dated 21/12/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.563 ha., including this mine. PP submitted that mining shall be carried out by Open cast manual method & No drilling & blasting required as it is Flagstone Quarry. As per Google image based on online KML file uploaded by PP, it was observed that old pit is existed, PP submitted that it was very old mine pit existed since year 2013, they have got the lease in such condition and pit have shown in the surface map. During presentation it was observed in the form-I, PP has mentioned aggregate quantity of Flagstone & OB as 9999 cum per annum while in the mining plan it has given separately.

After presentation the committee asked to submit following details:

- Revised Form-I wherein mentioning bifurcation quantity of Flagstone & OB.
- Revised Plantation scheme and remove Ashoke tree from the Barrier Zone as suggested by committee.
- PP's commitment that plantation shall be carried out in first year.
- As proposed by PP, proposal of fencing & bench plantation in the conceptual period.
- Revised CER including proposal of adoption of any village Aganwadi for supply of any nutritious food for 01 year as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10/02/2022, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone – 4000 Cum per annum & OB- 5999 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.11.54 Lakh as capital and Rs. 01.81 Lakh/year.

3. As proposed, a minimum of 2000 trees shall be planted as per the submitted plantation scheme.
4. Under CER activity, following activities are proposed based public hearing issues.

FOR SOCIAL WELFARE:	Amount to be spent
Financial Aid Will be given to Nayakheda Aanganwadi for Conducting poshan Aahar Programe . (Note: Above Manton Contribution will be Repited till the End of Lease period).	Rs. 60,000

8. **Case No 8922/2022 Shri Ruchir Jain Lease Owner, R/o Sai Krapa near Santoshi Mata Mandir, J.R.Birla Road, Dist. Satna, MP - 485005 Prior Environment Clearance for Stone Quarry in an area of 1.227 ha. (40000 Cum per annum) (Khasra No. 1510), Village - Lakheri, Tehsil - Rajnagar, Dist. Chhatarpur (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1510), Village - Lakheri, Tehsil - Rajnagar, Dist. Chhatarpur (MP) 1.227 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 6301 dated 09/11/21 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 9.652 ha., including this mine.

Being it's a case Stone Quarry with total area of 9.652 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:-

- Protection plan w.r.t. Railway Track which is 90 meters in the North side and kachha road: 20 meters in the south side and a water body: 570 meters in the south east side of the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of barrier zone.

9. Case No 8934/2022 Shri Veer Vikram Singh, Bhanu Palace, Tehsil - Narsinghgarh, Dist. Rajgarh, MP Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (25050 cum per annum) (Khasra No. 507/2), Village - Jamonya Johar, Tehsil - Narsinghgarh, Dist. Rajgarh (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 507/2), Village - Jamonya Johar, Tehsil - Narsinghgarh, Dist. Rajgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1188 dated 16/09/21 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 9.0 ha., including this mine. During presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is excavated. PP submitted that it they have got the lease in such condition in the year 2021 and pit was in existence since 2016 October.

PP submitted that mining shall be carried out by Open cast manual method & No drilling & blasting shall be carried out. Being it's a case Murrum Quarry with total area of 9.0 ha. including this mine and according to the latest O.M F.No. L-

11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Protection plan w.r.t. a natural drain which is 70 meters in the East and a National Highway : >500 meters and a water body: 400 meters in the south -West side of the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of barrier zone.

10. Case No 8909/2021 Shri Pavan Kumar Agrawal, Barufatak, Tehsil - Thikri, Dist. Barwani, MP - 451449 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (15675 Cum per annum) (Khasra No. 435/1/1/1Kh), Village - Badsalay, Tehsil - Thikri, Dist. Barwani (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 435/1/1/1Kh), Village - Badsalay, Tehsil - Thikri, Dist. Barwani (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1024 dated 27/09/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.500 ha., including this mine. As per Google image based on online KML file uploaded by PP it was observed that the lease is

located on the hillock which is about 15 meter high, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	120	South-West	PP submitted that mining shall be carried out through rock breaker.
Canal (under ground)	100	North east	PP submitted that mining shall be carried out through rock breaker.
Human settlement	260	North -west	PP submitted that mining shall be carried out through rock breaker and proposal of three rows of plantation .

After presentation the committee asked to submit following details:

- PP's commitment on affidavit that mining shall be carried out through rock breaker and mining depth shall be carried out up to 08 meters depth only.
- PP's commitment that plantation shall be carried out within 01 years.
- Revised Plantation scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 10.02.2022, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 15,675 cum/annum.
2. Mining shall be carried only up to the depth of 08 meters from the top.
3. A budgetary provision for Environmental management Plan of Rs.11.73 Lakh as capital and Rs. 06.32 Lakh/year.
4. As proposed, a minimum of 1800 trees shall be planted as per the submitted plantation scheme.
5. Under CER following activities were submitted by PP:

FOR SOCIAL WELFARE	
• Construction of boundary wall (22m x 2m) of govt. higher secondary, Village Badsalay.	Rs. 54,000

<ul style="list-style-type: none">05 nos sports kits in govt. higher secondary school Badsalay Village will be provided by PP.Distribution of 100nos masks & hand sanitizer for gram panchayat village Badsalay.	Rs. 10,000 Rs. 6,000
Total	70,000.00

11. Case No 8931/2022 Smt. Kamini Yadav, J-1035, Darpan Colony, Near Panchshila Temple, Thatipur Grid, Dist. Gwalior, MP - 474011 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (20000 cum per annum) (Khasra No. 1605), Village - Kulholi, Tehsil - Sabalgarh, Dist. Morena (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1605), Village - Kulholi, Tehsil - Sabalgarh, Dist. Morena (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1305 dated 25/10/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.700 ha., including this mine. During presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is excavated. PP submitted that it they have got the lease in such. PP further submitted that mining shall be carried out by Open cast manual method & No drilling & blasting shall be carried out. Being it's a case Murrum Quarry with total area of 5.700 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:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then its proper management plan it should be clearly addressed in EIA.

- Protection plan w.r.t. a habitation which is 350 meters in the NW side of the lease.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of barrier zone.

12. Case No 8939/2022 Shri Ramji Singh Rajput Lease Owner, R/o Pant Nagar Ward, Dist. Sagar, MP - 470002 Prior Environment Clearance for Stone Quarry in an area of 9.99 ha. (50000 cum per annum) (Khasra No. 1498 Part), Village - Padariya, Tehsil - Sagar, Dist. Sagar (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1498 Part), Village - Padariya, Tehsil - Sagar, Dist. Sagar (MP) 9.99 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 901 dated 07/06/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 14.99 ha., including this mine.

Being it's a case Stone Quarry with total area of 14.99 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:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then its proper management plan it should be clearly addressed in EIA.
- Protection plan w.r.t. natural drain which is originate from the lease area.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Soil profile of barrier zone.

13. Case No 8935/2022 Shri Nabab Singh S/o Shri Parmanand Yadav, Jonsil, Post - Kathon, Sabalgarh, Dist. Morena, MP - 476229 Prior Environment Clearance for Soil Quarry in an area of 1.0 ha. (1560 cum per annum) (Khasra No. 257, 258, 262), Village - Jonsil, Tehsil - Sabalgarh, Dist. Morena (MP) Env. Consultant Shri Mervyn Gilbert, Atmos Sustainable Solutions (P) Ltd., Noida (U.P.)

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 257, 258, 262), Village - Jonsil, Tehsil - Sabalgarh, Dist. Morena (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1650 dated 30/12/21 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, though it is soil quarry where no drilling and blasting is proposed, around 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	50	North	Appropriate setback & Provision of Garland

			drain & settling tanks.
River	240	East	Provision of Garland drain & settling tanks.
Some Trees	Within lease	-	Tree management plan
Kachha Road	50	South-West	Proposal of three rows plantation .

After presentation the committee asked to submit following details:

- Commitment for depth restriction of upto 02 meters only.
- Commitment that Chimney will not be Installed/constructed within the Mine Lease Area.
- PP commitment that 04 trees exist within mine lease area and none of them will be uprooted.
- Revised surface plan showing setback wrt natural drain.

Vide letter dated 10.02.2022, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 1560 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.4.87 Lakh as capital and Rs. 0.94 Lakh/year.
3. Organic soil and humus shall be kept separate and be used for the plantation or for the agricultural purpose after the mining.
4. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme.
5. Under CER following activities were submitted by PP:

S. No.	Providing 2 Set of Computer System (@35 ,000 Rs. & one Printer (@5,000 Rs.) for computer Lab in Govt. High school situated at Village Jonsil.	0.40
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14. Case No 8938/20221 Shri Pushpendra Pratap Singh, Owner, R/o- Manorama Colony, Madhukar Shah Ward , Dist. Sagar, MP - 470001 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (50,000 cum per annum) (Khasra

No. 2), Village - Dautpur, Tehsil - Rahatgarh, Dist. Sagar (MP) Env. Consultant Shri Mervyn Gilbert, Atmos Sustainable Solutions (P) Ltd., Noida (U.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2), Village - Dautpur, Tehsil - Rahatgarh, Dist. Sagar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 11 dated 05/01/22 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.00 ha., including this mine. During presentation as per Google image based on coordinates provided by PP, it was observed that old pit is existed, PP submitted that it was very old mine pit existed since year 2016, they have got the lease in the year 2021. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	415	North	Protection plan with three rows of Plantation towards road side.
River	100	South	Provision of Garland drain & settling tanks.
Human settlement	300	North -East	Three rows of plantation .

After presentation the committee asked to submit following details:

- Revised Plantation scheme as suggested by committee.
- Revised CER- as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 10.02.2022, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found 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 50,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.14.80 Lakh as capital and Rs. 01.46 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme .
4. Under CER following activities were submitted by PP:

S. No.	Provision of Providing “Poshan Ahar” for 1 year to Dautpur Village Anganwadi . (as recommended by Anganwadi officials). Village- Dautpur	2.00 lakh
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15. Case No 8941/2022 M/s Padmanabh Developers, Shri Rajesh Patidar, Partner, Office No. 01 at adjoining Gujrati Colony, Behind Tilak Nagar Colony, Bawadia Kalan, Tehsil - Huzur, Dist. Bhopal, MP - 462042 Prior Environment Clearance for Proposed "18th Avenue" High Rise Residential and Commercial Apartment at Village - Bawadia Kalan, Tehsil - Huzur, Dist. Bhopal (MP) Cat. - 8(a). Env. Global Management and Engineering Consultant International, Jaipur (Raj.)

This is case of Prior Environment Clearance for Proposed Proposed "18th Avenue" High Rise Residential and Commercial Apartment at Village - Bawadia Kalan, Tehsil - Huzur, Dist. Bhopal (MP).

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

The case was presented by Env. Consultant Shri G. K. Mishra, M/s. Global Management and Engineering Consultant International, Jaipur (Raj.) on behalf of PP, wherein during presentation PP submitted that the proposed project where Apartment is proposed is barren land. PP stated that this project based on conventional material to be used in building construction projects. The project site is located about 1.0 km from the Kalisot River.

Following are the salient features of the project:

- The Project falls under Schedule 8(a); Category B as per EIA Notification, 2006 & its amendments.
- The built-up area of proposed project for Residential & Commercial apartments is 26,623.84 m² (less than 1,50,000 m²)
- Hence, an application has been submitted to SEIAA, Madhya Pradesh for the Environmental Clearance vide a online proposal no SIA/MP/MIS/252103/2022; File No. 8941/2022.
- The proposed project “18th Avenue” High Rise Residential and Commercial Apartment by M/s Padmanabh Developers which is to be developed at Village – Bawadia Kalan – Fanda, Tehsil – Huzur & District – Bhopal and State – Madhya Pradesh.
- The total plot size for the project is 36,380 m² (3.638 Ha). The project will be developed for Residential and Commercial.
- The Proposed project consists of Multiunit Residential and Commercial Apartments, Plots & Shops.
- The total plot area for Multiunit Residential/Convenient Shop Development purpose is 15,718.34 m² and for Plotted Residential Development purpose is 14,675.54 m².
- The total Built up Area is 26,623.84 m², which is less than 1,50,000.00 m² therefore, the project comes under schedule 8(a); category B as per the EIA Notification 14th September, 2006.

PROJECT FEATURES	DESCRIPTION
Total Estimated Population	1,989 persons (Residents, Staff & Visitor)
Total Estimated Water Requirement	378.06 KLD (Agency: Private Water Tanker)
Construction Phase	220.27 KLD (Fresh Water = 125.97 KLD) (Agency: Municipal corporation)
Operation Phase	
Total Estimated Wastewater Generation	5.4 KLD
Construction Phase	176.17 KLD
Operation Phase	
Power Demand	1435 KW
Power Back-up	192 KVA (1 x 64 kVA & 1 x 128 kVA)
Source of Power	Madhya Pradesh State Electricity Board (MPSEB)

Solid Waste Generation	0.475 TPD
Parking Facilities	As per MoEF norms: 37 ECS
Required	As per M.P. norms: 266 ECS
Proposed	Basement = 206 ECS & Stilt = 60ECS
Project Cost	Rs. 109.788 Crores

Calculation For Information Sector

S. No.	Particulates	Nos.
1.	Total Nos. of Plot	57 Nos
2.	Total Nos. of Residential Flats	152 Nos.
Proposed Residential Unit		209 Nos.
3.	EWS Units	19 Nos.
4.	LIG Units	13 Nos.
5.	Shops	204 Nos.

The Committee after presentation and deliberation PP was asked to submit following information for further consideration of the project.

- PP will submit revised calculation of solid waste generation.
- Built-up area in the proposal was different, so kindly clarify.
- Commitment from PP for adoption of an animal for Van Vihar National Park, Bhopal .

PP vide letter dated 10.02.2022 has submitted the revised plantation species details which was placed before the committee. After presentation and submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for “18th Avenue” High Rise Residential and Commercial Apartment at (Total Plot Area = 36,380 sqm, Total Built up Area = 26,623.84 sqm) at Village – Bawadia Kalan - Fanda, Tehsil - Huzur, Dist. Bhopal, (MP). Cat. 8(a) subject to the following special conditions:

Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- ix. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 02 Diesel power generating sets (1 x 64) & (1 x 128) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment

(Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets (1 x 64) & (1 x 128) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.

- iii. The total water requirement during operation phase is 220.27 KLD out of which 125.96 KLD is fresh water requirement and 176.17 KLD will be the total recycled water generated, out of which 69.10 KLD recycled water will be used for flushing, 25.19 KLD water will be used for horticulture and 64.71 KLD water will drain.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 11% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local bye-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

- xiii. For rainwater harvesting, 2 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 21455.8979 m³/hr . Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xix. Sewage shall be treated in the MBBR based STP (Capacity - 200 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xx. The waste water generated from the project shall be treated in STP of 200 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.

- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 0.4744 TPD, and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.

- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 310 trees shall be planted in the area of 1729.01 m² (11 % of total plot area) which is developed as greenbelt development.
- ii. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide

canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 266 ECS (in which 206 ECS for Basement parking , 60 for ECS for Silt parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. EMP& Corporation Environment Responsibility

- i. For Environment Management Plan PP has proposed Rs. 228.30 Lakhs as capital and Rs. 20.56Lakhs as recurring cost for this project.
- ii. For this project PP has proposed Rs 10.00 Lakhs as Corporate Environment Responsibility (CER) for remaining project component which is also include for adoption of an animal from Van Vihar National Park, Bhopal .

Activity	Budget-INR-lakhs
Development of greenery along the Hoshangabad Road	2 .00
Organising Medical and Blood Donation Camp in nearby villages	2 .00
Upgradation of classrooms in school or providing to education aid to economically weaker children or Provision of aid in health centres or providing aid to armed forces families , adoption of an animal from Van Vihar National Park, Bhopal	6 .00
Total Proposed CER Cost	10 Lakh

- iii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The

copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

- iv. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. 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 State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

16. Case No 8943/2022 Shri Govardhan Singh Nagar S/o Shri Mangilal Nagar, Village - Pipalyadev, Tehsil - Pachore, Dist. Rajgarh, MP - 465683 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (8085 cum per annum) (Khasra No. 68/1/1, 68/1/2, 69/1/1, 69/1/2, 1198/65), Village - Patadiya Dhakad, Tehsil - Pachour, Dist. Rajgarh (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 68/1/1, 68/1/2, 69/1/1, 69/1/2, 1198/65), Village - Patadiya Dhakad, Tehsil - Pachour, Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Vishal Shukla on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 27 dated 06/01/22 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 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	100	SW	Provision of Garland drain & settling tanks.

The EMP and other submissions made by the PP were found 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 8085 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.7.77 Lakh as capital and Rs. 03.00 Lakh/year.
3. As proposed, a minimum of 1900 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

S. No.	Activity	Cost
1.	Furniture's (5 wooden chairs and 10 benches) and Dari in Government Secondary School of Pipalyadeo village.	60,000

2.	50 Shady trees (Kadamb, Kachnar, Karanj, Arjun, Bahunia etc.) will be planted along the boundary wall of Government Primary School of Secondary village	5,000
TOTAL		65,000/-

17. Case No 8940/2022 M/s NICDC Vikram Udyogpuri Ltd, Administrative Building, New Plot No. 152, Village - Narwar, Dist. Ujjain, MP - 456664 Prior Environment Clearance for Proposed 1 MLD Common Effluent Treatment Plant based on ZLD at Plot No. 64, Zone-II, Vikram Udyogpuri, Dist. Ujjain (MP). Category- 7-h, Env. Consul. M/s. MITCON, Pune,

The proposed project falls under item no 7(h) for Proposed 1 MLD Common Effluent Treatment Plant based on ZLD at Plot No. 64, Zone-II, Vikram Udyogpuri, Dist. Ujjain (MP). Hence, requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by Env. Consultant Shri Dr. Sandeep Jadhav from M/s. MITCON, Pune on behalf of PP. PP submitted following details about the project:

- Delhi-Mumbai Industrial Corridor is a mega infrastructure project with the financial & technical aids from Japan, covering an overall length of 1483 KMs between the political capital and the business capital of India, i.e. Delhi and Mumbai.
- DMIC has proposed to construct 1 MLD CETP at Plot No. 64, Zone II, Vikram Udyogpuri, District Ujjain, Madhya Pradesh.
- Proposed CETP is based on Zero Liquid Discharge (ZLD) system.
- Common Effluent Treatment Plant planned is to cater the entire industrial effluent generated industrial area.
- Project Proposed - 1 MLD CETP based on ZLD
- Land- 1.95 acres.
- The project components for the industrial effluent collection and treatment system will be as follows
 - Gravity and Pumping collection system for the industrial effluent from industrial pockets to ETP
 - Effluent treatment plant based on ZLD
 - MBR for recycled water & recycled water Pumping station
 - Recycled Water Rising Mains from MBR to Elevated service reservoir (ESR) and distribution main pipeline.

The Committee after deliberations decided that being it's a case of Common Effluent Treatment Plant 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. Details of drawing & design of CETP shall be submitted.
2. Treatment technology shall be discussed in the EIA report.
3. Complete details of the proposed CETP to be furnished taking into account the future expansion of the industrial area and the population load and the justification for selection of the proposed CETP.
4. Based on the analytical results and the discharge rate worst-case scenario shall be evaluated and considering the same treatability studies for the proposed CETP shall be carried out to optimize the specifications.
5. Impacts of CETP treated waste has to be assessed on the down streams where this waste is expected to join in case of accidental discharge.

18. Case No 8826/2021 Shri Jagannath, Hall Mukaam, Ronija Road, Barnagar, District- Ujjain, MP – 456771 Prior Environment Clearance for Murrum Quarry in an area of 4.0 ha. (Expansion from 6717 to 19500 Cum per annum) (Khasra No. 623), Village - Moulana, Tehsil - Badnagar, Dist. Ujjain (MP) Env. Consultant from M/s. Aseries Envirotech India Pvt. Ltd. Lucknow, U.P.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 623), Village - Moulana, Tehsil - Badnagar, Dist. Ujjain (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri O.P. Yadav on behalf of PP in the 534th SEAC meeting dated 15-12-21. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 541 dated 11/08/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP submitted that this is a case of capacity expansion of Murrum from 6717 cum per annum to 19500 cum per annum. Previous EC was issued by SEIAA vide letter no. 6941 dated 30.10.2015 for

6717 cum per annum , wherein target for plantation was 45 trees /ha. and minimum 180 plants to be planted whereas only 10-15 saplings were found. PP has submitted MoEF&CC compliance report vide no. 754 dated 12.11.2021 with following non compliance:

- Partially fencing
- Only 10-15 saplings.

During presentation PP submitted that since it is a Murrum Quarry where no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	10 & 30	North & west	Three rows of Plantation.
Habitation	30 & 70	North	70 m setback and proposal for three rows of Plantation.

After presentation the committee observed that target for plantation was allotted to PP was 45 trees /ha. , and minimum 180 plants to be planted whereas only 10-15 saplings were found and also site is not properly fenced. So this condition was not complied by PP which was mentioned by MoEF&CC compliance report, Hence, committee asked PP to plant at least 500 saplings of trees of 3-4 feet height and submit their photographs and documentary evidences such as bills for verification and plan for improvement on non compliances for further consideration of this case.

PP vide their letter dated 17/12/2021 uploaded online query reply well as on “Parivesh Portal”. Hence this case was scheduled for presentation Wherein env. Consul Shri Amar Yadav on behalf of PP submitted following details:

- We have planted 200 trees in the first phase, in whose evidence the slips of photographs and plants are attached and the remaining 300 plants, we will submit the photographs of that too by planting in the second phase.
- Moreover PP has submitted bills of 200 plants.

The query reply were which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found 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':

- Production shall be as per mine plan with quantity not exceeding for Murrum 19,500 cum/annum.
- A budgetary provision for Environmental management Plan of Rs.9.56 Lakh as capital and Rs. 03.24 Lakh/year.
- As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.
- Under CER following activities were submitted by PP:

S. No.	Activity	Cost
1.	Installation of solar panels (02) in Govt. high secondary school Moulana	20,000.00
2.	one computer system at Govt. High Secondary school Moulana	40,000.00
TOTAL		60,000/-

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.

36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.

18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from

- DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
 34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Adequate provisions of water for irrigating plantation shall be made by PP.
 36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets

- (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
 22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
 23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
 24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
 25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
 26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
 27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
 30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of

tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.

32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Anganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.

18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M. of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
- ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
 - ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

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

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