

The 506<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 02<sup>nd</sup> August, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting 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 8382/2021 Divisional Manager, Vidisha Medical College, Sagar Road Near Bina, Bhopal Railway Line , Vidisha, Prior Environment Clearance for Construction of 750 Bedded Govt. Hospital & 150 Seated Medical College at Khasra No. 732/1, 736/1, 737/1, 738/1. 739/1, 740/1, 741/1 742/1, 743/1, 755/2, 756/2, 757/2, 758/2 | Total Plot Area – 10.969 ha, Total Built-up Area - 63520.0 sqm) at Sagar Road near Bina - Bhopal Railway Line, Dist. Vidisha (MP) Cat. - 8(a) Building Construction Project. Env. Con. - OCEAO Enviro Management Solutions (India) Pvt. Ltd., Ghaziabad (U.P.).**

This is case of Environment Clearance for Construction of 750 Badded Govt. Hospital & 150 Seated Medical College at Khasra No. 732/1, 736/1, 737/1, 738/1. 739/1, 740/1, 741/1 742/1, 743/1, 755/2, 756/2, 757/2, 758/2, [ Total Plot Area - 109690.0 sqm, Total Built-up Area - 63520.0 sqm] at Sagar Road near Bina - Bhopal Railway Line, Dist. Vidisha (MP).

### **Brief Summary of the project:**

Taking into consideration the growing medical needs of the people of District, the Government of M.P. (Health Deptt.) planned to construct Atal Bihari Vajpayee Government Medical College, Vidisha, located at Vidisha, M.P. The total cost of the project is approx. 300 Crores (including Intuitional part and Hospital component). The Medical College (medical college) includes hospital, residential, institutional. Project is of Health Department and the construction is undertaken by MPRDC. MPRDC had

already constructed “750 Bedded Hospital and 150 seated Medical college” project with a hospital, institutional and residential facility at Sagar Road Near Bina-Bhopal railway Line, Dist Vidisha, Madhya Pradesh

- The total area for the Medical College with hospital is 10.969 ha i.e 109690 sq.m as per land documents allotted by state Govt.
- The total area designated for Hospital as per T&CP is 9350 sqm.
- The total area designated for Institutional and the residential part is 1,00,340 sq.m.
- Built up area of the hospital building is 63520 SQ.M i.e. is greater than 20000 sq.m which attracts the EIA notification 2006 and its amendments thereof, therefore we are seeking an prior Environment Clearance for Hospital building only which have a built up area 63,520 sq.m including all FAR, Non FAR and other services and Medical college is attended with the sustainable features.
- As per notification 22nd December 2014 (S.O 3252 (E)) for 8(a) Building and construction projects in column 5, Note 1. states that The projects or activities shall not include industrial shed, school, college, hostel for educational institution, but such buildings shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycled material such as fly ash bricks for EC.
- As per OM F.No. 19-2/2013-IA-III dated 9th June 2015 of MoEF&CC, in the second Para of clarification states that in case of medical universities/institutes the component of hospitals will continue to require prior Environment Clearance.
- Project Proponent had constructed the whole facility without seeking the prior environment Clearance hence the proposal for seeking Environment Clearance is post facto and tantamount to the violation of the EIA notification 14.09.2006 under EPA act 1986.
- Based upon the same the hospital was applied for the grant for TOR under the violation category proposals.
- The Layout was approved by T&CP vide letter dated 306-310 dated 12.02.2016 and the construction started after plans approval. The project was completed in 2020, i.e. 4 years of time span for construction.

**Chronology of the project:**

- The proposal was submitted to MoEF&CC on 21.02.2018 for TOR as a violation case vide proposal no. IA/MP/NCP/72423/2018 which was in between the two window periods. The proposal was lying pending with MoEF&CC. During review meeting held on 18.11.2020 for these type of pending proposals, the Violation sector, secretary, MoEF&CC decided to transfer these type of proposal to respective states. Proposal had been transferred to state i.e. SEIAA, M.P. vide letter F.No 19-90/2020-IA.III-Part(1) dated 1.03.2021 to take necessary action as per Ministry notification dated 14.03.2017. Henceforth, application has been submitted to SEIAA, MP SIA/MP/NCP/31840/2019 dated 17.03.2021 for further course of action.
- The comparative details are as follows for both the applications are mentioned below:

S. No	Proposal No date	Proposal name	Area Statement	Remarks
1.	IA/MP/NCP/72423/2018 dated 21.02.2018	150 seats Medical College & 750 Beds Hospital at Vidisha (M.P) by MPRDC	Total Plot area – 10.967 Ha Built-up area – 1,16,470 sq.m	
2.	SIA/MP/NCP/31840/2019 dated 17.03.2021	750 Bedded Govt Hospital and 150 Seated Medical college by MPRDC	Total Plot area – 10.969 Ha Built-up area – 63,520.00 sq.m	<ul style="list-style-type: none"> <li>The typo error of the plot area has been corrected in this application as per the land allotment by DC Vidisha.</li> <li>The Built up area is reduced from the earlier application , as the proposal is considered for Hospital component only as per OM dated 9.06.2015 &amp; 22.12.2014 issued by MoEF&amp;CC.</li> </ul>

### **Salient Features of the Project**

<b>S. No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
<b>AREA DETAILS</b>			
1	Total plot area of Medical College	109690	Sq m
2	Total plot area of Hospital Building in VIDISHA Medical College	9350	Sq m
3	Total Built Up Area (BUA) for Hospital Building	63520	Sq m
4	Green Area (30.40% of the total plot Area)	32907	Sq m
5	Max. height of building (up to terrace level )	22	M

### **WATER AND WASTEWATER REQUIREMENTS**

6	Total Water Requirement	653	KLD
7	Total Fresh Water Demand	331.5	KLD
8	Total Treated Water Demand	321.5	KLD
9	Wastewater/ Sullage Generation	362	KLD
10	STP capacity + ETP capacity	400 + 100	KLD
11	No. of Rainwater Harvesting Pits Proposed	10	No's

### **PARKING**

13	Parking Provided	425 ECS & 5 Ambulances dedicated parking	ECS
----	------------------	---	-----

### **POWER**

15	Total Power Requirement	5000	kVA
----	-------------------------	------	-----

16	Total Transformers proposed	6	MVA
17	Total DG Set proposed	2 x 1250	kVA
18	Power Source	MP State Electricity Board	

Damage Assessment was carried out by NABET accredited consultant and based upon that the EMP measures following Remediation plan with natural resource and community resource augmentation plan was proposed for the approval:

Remediation Measures	Community Resource Measures	TOTAL Remediation Cost	TOTAL Community Resource Cost	Capital Cost	Recurring Cost
				BREAKUP	
<ul style="list-style-type: none"> <li>Baseline of the project Site</li> </ul>		147000	0	147000	0
<ul style="list-style-type: none"> <li>Enhanced Green belt to be developed with increase in number of trees. (500 nos.)</li> <li>Maintenance of the existing greenbelt.</li> <li>Grass paving the open parking surface for reducing PM10.</li> </ul>		200000	0	150000	50,000
<ul style="list-style-type: none"> <li>Tertiary level treatment provisions to be added to the existing STP plant.</li> <li>Appoint a supervisor for supervising and monitoring the STP arrangements.</li> <li>Installation of the spill trays and secondary containments for spill prevention and seepage of hazardous materials to runoff.</li> </ul>		125000	0	100000	25,000
<ul style="list-style-type: none"> <li>Maintenance of the operational machineries present in the site</li> </ul>		25,000	0	25,000	0
	<ul style="list-style-type: none"> <li>For maintenance &amp; Other in-house jobs -</li> </ul>	0	240000	0	240000

	employment of 20 more people in upcoming year.				
	• Maintenance of the sulabh sauchalaya	0	200000	0	200000
	• Trainings Audits Policy Planning documents preparation etc.	0	100000	100000	0
• SRI paints will be done to the fully exposed to open sky paved surfaces which do not have any partial shading to reduce the heat transmission load.		58,500	0	58,500	0
• Adequate PPE to the persons working very near to the machinery areas nearby		0	260000	250000	10,000
• Extra color coded dustbins will be provided for the waste collections nearby		60,000	0	50,000	10,000
• Used oil will be sent to the authorized recyclers – Agreement cost					
• Used oils from Kitchen will also be sent to the authorized recyclers – Agreement cost					
• Signboards and signage's will be Installed nearby or onsite					
• AMC OF fire fighting arrangements		98000	0	0	98000
<b>TOTAL</b>	<b>INR</b>	<b>713500</b>	<b>800000</b>	<b>880500</b>	<b>633000</b>
<b>Sum total</b>		<b>1513500/- INR</b>			

### **Remediation plan & Natural Resource Augmentation Plan Budget**

Since the construction activities of the project has already been completed in the year 2020. The budgetary provisions mainly focus the operation phase of the project where the amount/budgetary provision shall be accounted on the real grounds and can be implemented.

The cost of the project is INR 200 Crore. The Cost for Remediation Plan, Natural & Community Resource Augmentation plan is INR 15,13,500 INR (Including capital and recurring ). The project proponent already had invested for EMP components mentioned under by providing STP, ETP, and planting trees of cost around 11.5 Crores.

The amount of 15, 13,500 INR in the form of Bank guarantee will be submitted to MPPCB for obtaining Environment Clearance.

**EMP Cost: Environmental Budgets-Operational Phase**

		<b>A. Capital Cost</b>	<b>B. Recurring Cost</b>
<b>S. No.</b>	<b>Item</b>	<b>Rs.</b>	<b>Rs/year</b>
<b>1.</b>	STP and ETP installation	10,00,00,000	600000
<b>2.</b>	Rainwater harvesting pits	1500000	25000
<b>3.</b>	Green belt development	150000	50000
<b>4.</b>	Acoustic enclosures	112500	0
<b>5.</b>	DG stack height	1256010	50000
<b>6.</b>	Solid waste segregation area	100000	50000
<b>7.</b>	Hazardous waste segregation area	100000	50000
<b>8.</b>	Solar Lightning	2000000	10000
<b>9.</b>	Liquid Oxygen plant	2000000	100000
<b>10.</b>	PPE	50000	10000
<b>11.</b>	Rain Basaira/crèche	3,60,00,000	200000
	<b>Total</b>	<b>143268510</b>	<b>1145000</b>

- Out of the 14.32 crore already 11.24 crore amount had incurred and implemented for the EMP. Remaining recurring costs will be incurred post operation of the project.

Earlier this case was scheduled for presentation and discussion in 493rd SEAC dated 23/03/2021 wherein ToR (violation) was recommended.

PP has submitted the EIA report vide letter No. 25924 dated 19/7/2021 which was forwarded through SEIAA vide letter no. 1514 dated 20/7/2021, which was placed before the committee.

The EIA was presented by PP and their consultant. During presentation PP submits the following salient features of this project:

- Total plot area of VIDISHA Medical College – 10.969 Ha (27.1 acres) (medical college + hospital component). Total plot area of Hospital Building within VIDISHA Medical College - 9350 (2.31 acres).
- Location: Khasra No .732/1, 736/1, 737/1, 738/1, 739/1, 740/1, 741/1, 742/1, 743/1, 755/2, 756/2, 757/2, 758/1 at Sagar Road Near Bina-Bhopal Railway Line, District- Vidisha, Madhya Pradesh
- Built up area of the hospital building is 63520 sq.m. i.e. is greater than 20000 sq.m. which attracts the EIA notification, 2006 and its amendments thereof, therefore we are seeking an Environment Clearance for Hospital building only which have a built up area 63,520 sq.m. Including all FAR, Non FAR and other services and Medical college is attended with the sustainable features.
- The proposal is submitted to SEIAA/SEAC, Madhya Pradesh for grant of TOR under MoEF&CC notification 14.03.2017,18.03.2018 & 09.09.2020 as a lateral entry proposal.
- As per notification 22<sup>nd</sup> December 2014 (S.O 3252 (E)) for 8(a) Building and construction projects in column 5, Note 1. states that - the projects or activities shall not include industrial shed, school, college, hostel for educational institution, but such buildings shall ensure sustainable environmental management, solid and liquid waste management, rainwater harvesting and may use recycled material such as fly ash bricks for EC.
- As per OM F.No. 19-2/2013-IA-III dated 9<sup>th</sup> June 2015 of MoEF&CC, in the second Para of clarification states that in case of medical universities/institutes the component of hospitals will continue to require prior Environment Clearance.



- Maximum no. of proposed floors is Single Basement + G+6 with Building viz. Hospital Building, ESS & UGT, Guard room, STP & ETP, mortuary, incinerator and cancer units.
- Estimated cost of project is Rs. 200 Crores. (Hospital component only)

PP further submitted that construction of hospital has been completed and medical college is in operation, but no OPD is being carried out. During presentation there was no clarity that which part of the project is common in hospital and medical college and how the volume of proposed facilities is calculated and whether the proposed systems are sufficient or not considering cumulative load. After presentation and deliberation it was observed by the committee that the remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation shall be bifurcated in capital and recurring cost of both the phases (construction & operation phase). No proposals are given for community resource augmentation plan. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, order copies of machineries, completion certificates, photographs, CA audit etc. In the absence of above supporting documents the proposed Natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation could not be assessed and needs to be presented again.
2. A detailed traffic management and traffic circulation plan is to be submitted considering traffic load of both hospital and Medical College. PP may also explore the possibility of providing vertical mechanical parking considering space constraints and battery operated carts for reducing number of individual vehicles within project boundary.
3. Dual plumbing system Plan with relevant photographs should be submitted.
4. All maps shall be submitted on bigger size sheet so that proposed plans are legible.
5. Justify, 37.5 KLD water is proposed for horticulture, where horticulture is proposed?
6. There shall be clarity in backup calculations that which part of the project is common in hospital and medical college and how the volume of proposed facilities is calculated and whether the proposed systems (ETP, STP, Laundry, OT waste, mortuary waste, MSW storage etc) are sufficient considering cumulative load. Thus revised backup calculations of all the demand such as fresh water, generated waste water etc shall be submitted considering both the medical college and hospital as one project. If medical college has separate facilities then the same shall be detailed out.
7. Justify the criteria for selection of MBBR technology for waste water treatment.

8. Details of hazardous wastes generated and their disposal plan.
9. Why classification of fauna not done? Please submit fauna classification.
10. Value of PM10 is above prescribed standards thus its mitigation plan shall be submitted.
11. Details of laundry if proposed and its management plan should be submitted.
12. Why incinerator proposed in the project when copy of agreement made with facility provider is submitted for disposal of Bio-medical wastes. Please justify?
13. Copy of CGWB NOC should be submitted as proposed water supply partially by Ground Water.
14. Copy of fire NOC and location of fire hydrants on map and fire tender circulation plan should be submitted.
15. Why classification of flora and fauna has not been done. (Peafowl is mentioned in the EIA report).
16. Revised plantation scheme as suggested by committee during presentation (adding species such as Kadamb, Molshree, Kachnar, Putranjiva, Pride of india etc ) and dense plantation (wood log preferably using “Miyawaki Technique”) shall be developed.
17. Details regarding fire safety should be provided along with layout plan of uninterrupted circular movement of fire tender(s).

**2. Case No 8591/2021 M/s Om Granite, House No. 1, Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.50 ha. (1,00000 cum per annum) (Khasra No. 410 (Part)), Village - Churyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 410 (Part)), Village - Churyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.50 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 1903 dated 05/4/2019 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 14.90 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP that the QL area is located in between two hillocks and the lease area is excavated in the centre and north –

west side, where water has been filled. PP submitted that pit is in existence since the allotment of lease and same has been mentioned on the surface map with its dimensions. A kachha road is crossing the lease for which PP submitted that since no mining is carried out by them it was used by villagers and after mining begins, right of access will be provided to villagers. Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Commitment from PP that right to access shall be provided to the local villagers as Kachcha road is passing within lease.
2. PP will submit de-watering plan.
3. Evacuation, Transportation & traffic management plan should be discussed in the EIA report.
4. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
5. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

6. Under Plantation Scheme with budgetary allocations:

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

**3. Case No 8592/2021 M/s. Om Granite, House No. 1, Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.10 ha. (25992 cum per annum) (Khasra No. 410 (Part)), Village - Churiyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 410 (Part)), Village - Churiyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.10 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 1903 dated 05/4/2019 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 14.900 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP that the maximum QL area is located on the hillock and partial portion of the lease falling in the foot hill thus evacuation plan need to be

detailed out considering safety of man and machine. Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Evacuation considering safety of man and machine (since the lease is located on hillock), Transportation & traffic management plan should be discussed in the EIA report.
2. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
3. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
4. Under Plantation Scheme with budgetary allocations:
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.

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

**4. Case No 8586/2021 M/s Shri Tirupati Minerals, Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat MP Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (117638 cum per annum) (Khasra No. 499 (Part)), Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 499 (Part)), Village - Salhe, Tehsil - Kirnapur, Dist. Balaghat (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 811 dated 07/7/2021 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 17.537 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP the QL area is located in the big continuous hillock which is extended east to west direction. The hillock is having approximately 42 meters height from the surface, also extensive trees are seen on the edge of hilltop as well as on the north limb which is go down in the north side. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Trees	within lease	Existed within lease area.

Kachhi road	North –east corner of the lease is crossing by the kachha road ,	North –East
-------------	--	-------------

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. PP will submit information from the competent authority regarding within 500 meters there are 08 mines are existed wherein how many mines are in operation and how many mines are non- operating.
2. Revised Surface / production plan showing non- mining area w.r.t. trees are existed within lease area.
3. Inventory of all existing trees with their girth and height details.
4. Commitment from PP that right to access shall be provided to the local villagers as Kachcha road is passing within lease.
5. Commitment from PP that right to access shall be provided to the local villagers as Kachcha road is passing within lease.
6. PP will submit de-watering plan.
7. Evacuation, Transportation & traffic management plan should be discussed in the EIA report.
8. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
9. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala

Yojna” to them who are residing in the nearby villages, shall be considered.

- ✓ PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

10. Under Plantation Scheme with budgetary allocations:

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

**5. Case No 8587/2021 M/s. Bhopal Development Authority, Pragati Bhawan, Press Complex, M.P.Nagar, Zone-1, Bhopal, Prior Environment Clearance for Construction of Bus Terminal Complex [Total Plot Area – 20,000 sqm, Total Built Up - 43501.80 sqm] at Vidhya Nagar Phase II, Zone 13, Ward No. 52, Village - Bawadia Kalan, Hoshangabad Road, Dist. Bhopal, (MP). Env. Con. - OCEAO Enviro Management Solutions (India) Pvt. Ltd., Ghaziabad (U.P.).**

This is case of Prior Environment Clearance for Construction of Bus Terminal Complex [Total Plot Area – 20,000 sqm, Total Built Up - 43501.80 sqm] at Vidhya Nagar Phase II, Zone 13, Ward No. 52, Village - Bawadia Kalan, Hoshangabad Road, Dist. Bhopal, (MP).

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

- The Total area of Town Planning Scheme is 39.963 Ha, which is approved by Town and Country Planning Development, Bhopal for Commercial and



Residential Developments vide letter no 226 dated 5.10.2019. In that area the “Development of the Bus Terminal Complex” is Proposed on land parcel of 4.942 acre or 20,000 Sqm (2 Ha.) NOC obtained from Municipal Corporation, Bhopal vide letter no-14/A/2021 dated 26.02.2021 for the Development of the Bus Terminal Complex on land parcel of 4.942 acre or 20,000 Sq.m (2 Ha.) is enclosed as Annexure-II. Thus Development of bus Terminal Complex Exceeds the Built up Area more 20,000 Sq.m and it attracts the EIA notifications 2006 and its amendments thereof. Hence an application for obtaining Environmental Clearance has been submitted to SEIAA M.P.

- Bus Terminal complex is located at Vidhya Nagar Phase II, Zone 13, Ward no 52, Village Bawadia Kalan, Hoshangabad Road Bhopal on a land admeasuring 20000 m<sup>2</sup> (4.94 Acres).
- This project has been approved by T&CP vide no. 226/G-297/Dara 27-28/Na.Gra.Ni/G.ka/2008 dated on 05.10.2019.
- The planning for the development of the Bus terminal complex is to develop the local area and to provide a wide spectrum of the connectivity for the city.
- Landscape area of 5999 sq.m. i.e. 29.9 % of plot area has been proposed.
- Total project cost of the land and development part is 218 Crores.
- This project is proposed by Bhopal Development Authority, Bhopal Madhya Pradesh.
- The planning for the development of the Bus terminal complex is to develop the local area and to provide a wide spectrum of the connectivity for the city.
- The proposed development consists of terminal building and the commercial building which includes offices, residential apartments, studio apartments and Banquet and Food court. The project location is Proposed Bus Terminal complex at Vidhya Nagar Phase II, Zone 13, Ward no 52, Village Bawadia Kalan, Hoshangabad Road Bhopal.

S. No.	Description	Existing	Units
AREA DETAILS			
1	Total Plot Area	20000.00	Sq m
2	Bus Terminal Block -1 (FAR)	1904.4	Sq m
3	Commercial Complex Block-2 ( FAR)	27628.30	Sq m
4	Basement 2 No. (NON FAR)	13783.40	Sq m

5	Total Kiosk area	185.70	Sq m
6	Other services	5000.00	Sq m
7	Total Built up area	48,501.8	Sq m
8	Green area	5999.9	Sq m
<b>WATER AND WASTE WATER REQUIREMENTS</b>			
9	Total Fresh Water Requirement	271	KLD
10	Wastewater Generation	236	KLD
11	No. of Rain Water Harvesting Pits Proposed	05	No
<b>PARKING</b>			
12	Total parking proposed	498	ECS
	Total Bus Parking	16	Bus Parking
<b>POWER</b>			
13	Total Power Requirement	1998	kVA
14	Power Source	Madhya Pradesh State Electricity Board (MPSEB).	kVA
15	Total DG Set proposed	1 X 100, 1 X 200	kVA
<b>WASTE GENERATION</b>			
19	Municipal Solid Waste Generation	2078.75	Kg/day

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP some old structures are seen PP submitted that these old structures are Nagar Nigam office and these shall be re-located and also proposed for demolition and respective C&D plan has already been submitted. The demolished material shall be used in the land filling. Moreover within project area 9-10 trees are existed 04 trees shall be proposed for felling and additional 40 trees shall be planted

Committee after presentation and deliberation asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. Detailed C&D disposal plan as same is not provided in Form-1.
2. Incomplete details in from-1, such as at sl.no. 1.5, 1.2 (inventory of trees), 1.19 (correct distance), 2.3, 2.4 etc.
3. Justify that total built-up area as per Form –I (3)- 43501.8 m<sup>2</sup> while Form-I-A- 48,501.8 m<sup>2</sup>.
4. Figure given in the 2.1 are not matching with details provided in fig. 2 and Fig. 3&4, please justify?
5. PP's commitment that additionally 40 trees will be planted in view of cutting of 04 trees and tree uprooting will be done only after the approval of competent authority.
6. PP's commitment that plantation shall be 33% area of the total area with suggested plant species by the committee.
7. PP's commitment that ECS has been increased to 498.
8. Revised fresh water calculation as suggested by committee considering residential population, commercial activities and floating.
9. Revised waste water and waste generation calculations as suggested by committee considering residential population, commercial activities and floating.
10. Revised parking plan w.r.t. commercial and residential with their traffic circulation plan as during it was presented that both have separate entry and exit.
11. PP's commitment that no R&R is proposed.
12. Legible diagram of STP with detailed drawings and designs.
13. Waste/ used oil volume and its disposal scheme as DG set is proposed.
14. Number of Rain water harvesting pit proposed and their location on layout map.
15. Revised plantation scheme as suggested by committee during presentation (adding species such as Kadamb, Molshree, Pakad, Putranjiva, Mahua etc ) and dense plantation (wood log preferably using "Miyawaki Technique") in the periphery shall be developed. Species such as palm and saptparni shall be removed from the list of proposed species.
16. Details regarding fire safety should be provided along with layout plan of uninterrupted circular movement of fire tender(s).

**6. Case No 8576/2021 Shri Aviram Shukla, Shukla Sadan, Ward No. 07, Ratanganj Muhalla, Near Rival English School, Bijawar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 3.18 ha. (50000 cum per annum) (Khasra No. 152/1), Village - Nayagaon, Tehsil - Bijawar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 152/1), Village - Nayagaon, Tehsil - Bijawar, Dist. Chhatarpur (MP) 3.18 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 2094 dated 05/7/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 14.780 ha., including this mine. During presentation PP submitted actual coordinates are differ then the coordinates provided in the Mining Plan. PP stated that the revised coordinates duly verified by competent authority i.e. Mining Officer in their letter dated 05.08.2021 and the same was submitted to SEIAA. As per Google image based on coordinates provided by PP. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Trees	Barrier zone	North side
Water body	>100	South
Natural drain	>62	South –East
Pucca road	>350	South –West

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Revised surface/ production plan showing non- mining area w.r.t. rows of trees existed in the southern side of the lease.
2. Inventory of all existing trees with their girth and height details.

3. Protection plan w.r.t. to natural drain & water body and in the >62 and >100 m in the south side of the lease.
4. Evacuation, Transportation plan & traffic management plan should be discussed in the EIA report.
5. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
6. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle’s health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages, shall be considered.
  - ✓ PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
7. Under Plantation Scheme with budgetary allocations:
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
  - ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.

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

**7. Case No 8577/2021 Shri Arvind Pateriya S/o Shri Rabhuvar Dayal Pateriya, Ward No. 23, Choubey Colony, Dist. Chhatpur, MP – 471001 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (100000 cum per annum) (Khasra No. 1), Village - Majhguwan, Tehsil - Rajnagar, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Majhguwan, Tehsil - Rajnagar, Dist. Chhatarpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 1474 dated 31/3/2021 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 23.450 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Trees	-	sparsely distributed within lease area
Pucca road	>400	South West to South East

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Revised surface / production plan showing non- mining area w.r.t. rows of trees existed in the southern side of the lease.
2. Inventory of all existing trees with their girth and height details.

3. Protection plan w.r.t. to Pucca road at about 400 m in the South to South East side of the lease.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
6. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle’s health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to them who are residing in the nearby villages, shall be considered.
  - ✓ PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
7. Under Plantation Scheme with budgetary allocations:
  - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Forest Range officer / Gram Panchayat / Forest Department / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
  - ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation by CCF, Social Forestry Circle or any other competent agencies.

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

**8. Case No 8581/2021 Shri Sanjay Patidar S/o Shri Shobharam Patidar, Anjad, Dist. Barwani, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (38800 cum per annum) (Khasra No. 24), Village - Palasia, Tehsil - Anjad, Dist. Barwani (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 24), Village - Palasia, Tehsil - Anjad, Dist. Barwani (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 185 dated 23/2/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 7.0 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Trees	Sparsely distributed	North
Canal	>150	North West to North East
Pucca road	>135	North West to North East
Isolated houses	<100 m	South -West

PP submitted that isolated houses at about 100 m in the South- west are labor huts. PP shall submit Patwari/ Tehsildar report regarding houses are belonging to the labor along with photographs. Committee suggested if no conclusive report is not submitted by PP



for these huts/housed, 200 meters area shall be left as non mining area from them as same shall be discussed in the EIA report. Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Protection plan w.r.t. to isolated houses at about 100 m in the South- west side of the lease.
2. PP shall submit Patwari/ Tehsildar report regarding houses are belonging to the labour along with photographs.
3. Revised production plan showing non- mining area w.r.t. rows of trees existed in the southern side of the lease.
4. Inventory of all existing trees with their girth and height details.
5. Transportation plan & traffic management plan should be discussed in the EIA report.
6. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
7. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
  - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
  - ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

8. Under Plantation Scheme with budgetary allocations:

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

**9. Case No 8582/2021 Shri Shailendra Singh Parihar S/o Shri Awadharaj Singh Parihar, Village - Kodar, Tehsil - Nagod, Dist. Satna, MP – 485551 Prior Environment Clearance for Stone Quarry in an area of 1.905 ha. (18000 cum per annum) (Khasra No. 716/2/4), Village - Bamhaur, Tehsil - Nagod, Dist. Satna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 716/2/4), Village - Bamhaur, Tehsil - Nagod, Dist. Satna (MP) 1.905 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 2742 dated 24/12/2020 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 11.825 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP a pit is in existence within the lease area for which PP submitted that its very old pit which can be verified from the previous Google Images. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>130	North	Setback 70 meters.
Canal	>150	North West to North East	--
Pucca road	>10	North West to North East	Setback 40 meters.
Isolated houses	>290 & 380	South -West	Protection plan.

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Revised surface plan showing non- mining area w.r.t. human settlement, hence, set back of 75 m to be left from human settlement to the lease area in the north side of the lease area.
2. Protection plan w.r.t. to Pucca road which is 10m in the North -East with proposal of setback of 40 m.
3. De-watering plan the lease as QL area is filled with water.
4. Evacuation plan & traffic management plan should be discussed in the EIA report.
5. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
6. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation

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

7. Under Plantation Scheme with budgetary allocations:

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

**10. Case No 8585/2021 Shri Harendra Singh Bhadauria S/o Shri Kishore Singh Bhadauria, Thatipur, Dist. Gwalior Prior Environment Clearance for Stone Quarry in an area of 1.450 ha. (43000 cum per annum) (Khasra No. 2269), Village - Bilhati, Tehsil - Morar, Dist. Gwalior (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2269), Village - Bilhati, Tehsil - Morar, Dist. Gwalior (MP) 1.450 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 23 dated 01/6/2021 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 9.223 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Kachcha Road	70	North East
Pucca road	>90	South

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Evacuation plan & traffic management plan should be discussed in the EIA report.
2. Evacuation plan w.r.t school is located at a distance of 400 m.
3. Patwari's report about the agricultural practices being carried out on this lease area during last 05 years.
4. Soil profile study shall be conducted.
5. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
6. Under CER scheme with physical targets:
  - ✓ Proposal for CER activates should preferably be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing (if public hearing is conducted)
  - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation

(distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.

- ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
- ✓ PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.

7. Under Plantation Scheme with budgetary allocations:

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

**11. Case No 8593/2021 Shri Bhupendra Kumar Pandey, Village - Nipniya, Ward No. 1, Dist. Rewa, MP Prior Environment Clearance for Stone Quarry in an area of 1.719 ha. (10000 cum per annum) (Khasra No. 265/1), Village - Devdaha, Tehsil - Ramnagar, Dist. Satna (MP) .**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 265/1), Village - Devdaha, Tehsil - Ramnagar, Dist. Satna (MP) 1.719 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make

any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**12. Case No 8584/2021 M/s PNB Infra, Shri Pushpendra Tiwari, Beside Central School, Nirala Nagar, Tehsil - Huzur, Dist. Rewa, MP - 486001 Prior Environment Clearance for Stone Quarry in an area of 1.314 ha. (12403 cum per annum) (Khasra No. 247/2), Village - Darhi, Tehsil - Huzur, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 247/2), Village - Darhi, Tehsil - Huzur, Dist. Rewa (MP) 1.314 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram 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. 1677 dated 19/3/2021 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 7.314 ha., including this mine. During presentation it was observed by the committee that as per Google image (June, 2021) based on coordinates provided by PP that the lease area is excavated in the centre and north – west side of the lease and huge water filled pit has been formed. A crusher is also installed in the in the eastern margin of the lease. Within 500 meters following sensitive features were observed of the lease area.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
Isolated house and settlement	>150	West
04 -05 Trees	within lease	Sparsely distributed in the eastern side
Pucca road	80	East
Canal	>80	East

During appraisal, it was observed by the committee that lease area is very sensitively located, wherein huge water filled pit is in existence within the lease area around the lease on the western side where deployment of mining machineries is difficult as well as very risky to the mine workers. Further on the western side of lease some houses are in existence for which PP submitted that these are farm houses developed by the independent owners. Committee deliberated that as per NGT order dated 21/07/2020 in OA no. 304/2019, minimum 200 meters distance is to be maintained from inhabited area and if this distance is left, the lease becomes non minable. Considering above facts, committee after deliberation recommends that this case cannot be considered for grant EC and file may be sent to SEIAA for onward necessary action.

**(A. A. Mishra)**  
**Member Secretary**

**(Dr. Praveen Chandra Dubey)**  
**Chairman**



**Annexure- 'A'**

**Standard conditions applicable to Stone/Murum and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps or tanker sprinkles should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road as proposed. 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 comply the final closure plan as provided in Mining Plan duly approved by the competent authority.
11. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
12. 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.
13. 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.
14. 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.
15. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

16. 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.
17. Blasting shall be carried out only during day time and PP must ensure that biological clock of the nearby villager is not disturbed due to mining operation.
18. 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.
19. 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.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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. PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. Which shall be updated every 03 months? 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.
27. 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.
28. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.

29. 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”.
30. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
31. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
32. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner’s Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.

**Annexure- ‘B’**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps or tanker sprinkles should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road as proposed. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. PP shall ensure that productivity of agriculture crop not affected due to mining operations & crop liability Insurance Policy shall be taken up by PP as a precaution to compensate for any crop loss.
5. 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.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
8. 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.
9. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4<sup>th</sup> 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.
10. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.

11. 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.
12. No Mining shall be carried out during Monsoon season.
13. 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.
14. 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.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
17. 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.
18. 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.
19. 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.
20. 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.
21. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
22. 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.
23. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
24. 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.

25. 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.
26. 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.
27. 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.
28. 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.
29. 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.

**Annexure- ‘C’**

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. PP shall ensure that productivity of agriculture crop not affected due to mining operations & crop liability Insurance Policy shall be taken up by PP as a precaution to compensate for any crop loss.
10. 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.
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 issued by the MoEF&CC.
13. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
14. 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.
15. 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.
16. 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.

17. 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.
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. 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.
20. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
21. 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.
22. 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.
23. 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.
24. 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.
25. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.

5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.



25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.

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

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