

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
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### **POWER**

15	Total Power Requirement	5000	kVA
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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:

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

Kachhi road	North –east corner of the lease is crossing by the kachha road ,	North –East
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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
<b>AREA DETAILS</b>			
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.

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
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:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
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:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
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**