

The 359<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 10 April, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. A. K. Sharma, Member.
2. Dr. Mohd. Akram Khan, Member.
3. Dr. Sonal Mehta, Member.
4. Shri Prashant Srivastava, Member.
5. Dr. Jai Prakash Shukla, Member.
6. Dr. R. Maheshwari, Member.
7. Dr. Rubina Chaudhary, Member

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

1. **Case No. - 5690/2018 M/s Chugh Realty, 503, Chugh Realty, Scheme No. 54, Orbit Mall, Vijay Nagar, AB Road, Indore, (M.P.) – 452010 Prior Environment Clearance for Residential Project "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed : 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.) Cat. - 8(a) Building and Construction Projects.FoR – Building Construction.Env. Con. – Env. Con. – EQMS, Delhi.**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual Plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a case of Violation Project "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed: 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.).

This case was scheduled in 319<sup>th</sup> SEAC meeting dated 22/06/2018 wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent

chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories. The TOR for violation was recommended by the committee. (For details please refer the minutes of 319<sup>th</sup> SEAC meeting dated 22/06/2018). PP has submitted the EIA report vide letter dated 11/02/2019 which was forwarded through SEIAA vide letter no. 2343 dated 21/02/2019.

The case was scheduled in the 347<sup>th</sup> SEAC meeting dated 28-02-19 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 after hearing from PP.

EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant wherein PP submitted that:

**The salient features of the project area as:**

- M/s Chugh Realty has planned a group housing project “Grande Exotica” which is spread over area of 6.59 Acres i.e. 26,660 m<sup>2</sup> located at Village Bhicholi Mardana, Tehsil & District Indore, Madhya Pradesh.
- Chug Realty has joint development agreement with the land owner for carrying out the development of residential project at the site in accordance to the approved plan from T&CP.
- Land belongs to Smt. Rupali W/o Mr. Laxmikant Khemka and Smt. Ritu W/o Neeraj Singhal.
- Approval has been obtained from T&CP, Madhya Pradesh in 2013 for development of the project.
- Project comprises of 8 nos. of residential blocks (S+10), club house, multipurpose hall, green area and other allied facilities and will have built-up area of 102251.3 sq m. Till date 93124.8 sq m of built-up area is constructed.

**Chronology and Details of Violation**

- Construction has been undertaken at the site in line with the approval obtained from T&CP MP for the project due to unawareness on applicability of EIA Notification, 2006.

- However on learning the applicability, application was submitted to SEIAA, MP for grant of environment clearance in year 2015.
- M/s Chug realty admitted about the construction carried out at the site in first SEAC meeting and SEAC then recommended the project back to SEIAA for appraising project as per MoEF&CC OM 12.12.2012.
- SEIAA however kept the project in abeyance due to issue of draft notification dated 10.05.2016 by MoEF&CC for violation cases.
- The project was then delisted by SEIAA, MP due to issue of final notification SO 804 (E) dated 14.03.2017 and advised us to approach MoEF&CC for grant of environment clearance for the project in accordance to the final notification.
- Application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28<sup>th</sup> March, 2018.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no. 211/PS-MS/MPPCB/SEAC/TOR(319)/2018 dated 10<sup>th</sup> Jul, 2018. EIA for the project was submitted on 21<sup>st</sup> Feb, 2019.

**BUDGET: ENVIRONMENTAL COST**

**Cost Incurred for Environment Management till Date During Construction and Operation Phases**

S. No.	Particulars	Budget (INR)	Status
<b>Construction Period: 3 years/1095 days (For constructed area)</b>			
1.	<b>Air Environment</b>	<b>11,31,500</b>	Already incurred completely
	• Water sprinkling: At loading & unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 600 Rs for 15000 litre tanker: 735 days excluding monsoon in 3 years of construction	63,000	
	• Sprinkling Nozzle: 5 nozzles (@ INR 500)	3000	
	• Booster pump of 1 HP	5500	
		5000	

	<ul style="list-style-type: none"> <li>Water pipeline (hose)- 100 m of 3-4 in. dia.</li> <li>Water Tank (3 nos of 5000 liters = INR 20,000)</li> <li>Labour Cost</li> <li>Covered Loose Material storage sheds with paved surface and tarpaulin sheets</li> <li>Green Nets for Building (@INR 15/sq m): 15000 sq m</li> <li>Wind breakers/ Site barricading- 900 m for 10 feet height (@INR 800 /rmt -10 feet)</li> </ul>	<p>60000</p> <p>Inclusive in salary of construction labour</p> <p>50,000</p> <p>2,25,000</p> <p>7,20,000</p>	
2.	<p><b>Construction Waste Management</b></p> <ul style="list-style-type: none"> <li>Dustbins (@ INR 2000 for 20 dustbins)</li> <li>Labour Cost</li> <li>Safety tapes for barricading the waste storage area</li> <li>Agencies' fee for waste collection &amp; disposal- 3 years</li> </ul>	<p><b>2,45,000</b></p> <p>40,000</p> <p>Inclusive in salary of construction labour</p> <p>5,000</p> <p>2,00,000</p>	Already incurred completely
3.	<p><b>Noise Management</b></p> <ul style="list-style-type: none"> <li>Site barricading- 900 m for 10 feet height (@INR 800 /rmt -10 feet)</li> <li>Machinery with inbuilt silencers/noise mufflers</li> <li>No working between 8:00 PM to 9:00 AM</li> </ul>	<p><b>Nil</b></p> <p>7,20,000 (considered in air environment)</p> <p>Cost included in construction machinery</p> <p>No cost</p>	Already incurred completely
4.	<p><b>Water Quality Management</b></p>	<p><b>41,40,000</b></p> <p>2,00,000</p>	Already incurred completely

	<ul style="list-style-type: none"> <li>Toilets-2 nos. and cost of septic Tank &amp; soak Pit</li> <li>Toilet maintenance and cleaning</li> <li>Sand bags for controlling &amp; diverting the curing flow and rainfall flow and minimizing silt generation</li> <li>STP of 135 KLD constructed for operation phase sewage management</li> <li>Construction of RWH Pits-4 nos and storm water drains</li> </ul>	<p>30,000</p> <p>10,000</p> <p>27,00,000</p> <p>12,00,000</p>	
5.	<b>Occupational Health and Safety of construction worker</b> <ul style="list-style-type: none"> <li>First aid kits at site</li> <li>Personal Protective equipment-helmet, safety shoes &amp; safety jackets</li> <li>Medical aids as and when required to construction labour</li> </ul>	<p><b>2,70,000</b></p> <p>20,000</p> <p>2,00,000</p> <p>50,000</p>	Already incurred completely
6.	<b>Ecological Environment</b> <ul style="list-style-type: none"> <li>Development of Green Area (5260.93 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided</li> <li>No tree was cut as site was devoid of trees</li> </ul>	<p><b>10,00,000</b></p> <p>10,00,000</p>	Already incurred completely
7.	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>Earthquake resistant structure as per NBC</li> </ul>	Cost included in construction cost	Already incurred completely

	Requirement <ul style="list-style-type: none"> <li>Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC</li> </ul>		
<b>A. Cost Incurred during Construction Phase of Existing Structures</b>			<b>67,86,500</b>
<b>Construction Period: 2 years/730 days (For Remaining area)</b>			
8.	<b>Air Environment</b> <ul style="list-style-type: none"> <li>Water sprinkling: At loading &amp; unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 600 Rs for 15000 litre tanker: 490 days excluding monsoon in 2 years of construction</li> <li>Air masks (@INR 100-100 Pcs)</li> <li>Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site</li> <li>Vehicle inspection camp (@INR 20,000/yr for 2 years)</li> </ul>	<b>1,12,000</b> 42,000   10,000  20,000   40,000	To be Incurred
9.	<b>Noise Environment</b> <ul style="list-style-type: none"> <li>Ear Plugs (@ INR 50 - 100 Pc)</li> <li>Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample</li> </ul>	<b>13,000</b> 5,000  8,000	To be Incurred
10.	<b>Construction Waste Management</b> <ul style="list-style-type: none"> <li>Labour Cost</li> <li>Agencies' fee for waste collection &amp; disposal- 2 years</li> </ul>	<b>1,50,000</b>  Inclusive in salary of construction labour  1,50,000	To be Incurred

11.	<b>Water Quality Management</b> <ul style="list-style-type: none"> <li>• Toilet maintenance and cleaning</li> <li>• STP of 135 KLD constructed for operation phase sewage management</li> <li>• Construction of RWH Pits-4 nos and storm water drains</li> <li>• Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	<b>39,50,000</b> 30,000  27,00,000  12,00,000  20,000	Already incurred completely
12.	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>• Earthquake resistant structure as per NBC Requirement</li> <li>• Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC</li> </ul>	Cost included in construction cost	To be incurred
13.	<b>Soil Environment</b> <ul style="list-style-type: none"> <li>• Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	20,000	To be Incurred
<b>B. Cost to be Incurred during Construction Phase of Remaining Structures</b>			<b>42,45,000</b>
<b>Operation Phase- 2 Years (Already incurred for the project area developed)</b>			
S. No.	Activity	Expenditure Incurred (2 years period)	Status
1.	<b>Operation Phase Waste Management</b> <ul style="list-style-type: none"> <li>• Dustbins for common areas-20 nos. @ INR 3000 + recurring cost</li> <li>• Municipal Authority for Waste management (@ 0.3 p/kg)</li> <li>• STP sludge disposal through municipal authority (@ INR 3500</li> </ul>	<b>3,63,525</b>  60,000 + 6000 = 66,000  2,13,525  84,000	Already Incurred Completely

	PM for 2 years)		
2.	<b>Operation Phase Water Quality Management</b> <ul style="list-style-type: none"> <li>STP operation and maintenance and treated water quality monitoring by agency (15000/- PM)</li> <li>Water supply network maintenance &amp; cleaning (@ 20,000 every six months for 2 years)</li> <li>Maintenance &amp; cleaning of RWH system (@ 30,000 every six months for 2 years)</li> </ul>	<b>5,60,000</b>  3,60,000  80,000  1,20,000	Already incurred completely
3.	<b>Green Area Maintenance</b> Maintenance of Green Area (5260.93 sq m) and trees planted (salary + expenditure on green area maintenance)	<b>8,00,000</b>	Already incurred completely
<b>C. Cost Incurred Till Date During operation Phase</b>			<b>17,23,525</b>
<b>Total Cost Incurred towards environment protection (A+C) = 85,10,025</b>			
<b>Cost To be Incurred for environment protection for Remaining Structures (B)= 42,45,000</b>			

**Cost Not Considered during construction and operation and will be proposed as remediation cost**

<b>Construction Phase</b>	
<b>Air Environment</b> <ul style="list-style-type: none"> <li>Air masks (@INR 100-100 Pcs)</li> <li>Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site</li> <li>Vehicle inspection camp (@INR 20,000/yr for 2 years)</li> </ul>	<b>70,000</b> 10,000 20,000  40,000
<b>Noise Environment</b> <ul style="list-style-type: none"> <li>Ear Plugs (@ INR 50 -100 Pc)</li> <li>Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample</li> </ul>	<b>13,000</b> 5,000 8,000
<b>Water Environment</b>	<b>20,000</b>



<ul style="list-style-type: none"> <li>Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	
<b>Soil Environment</b> <ul style="list-style-type: none"> <li>Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	<b>20,000</b>
<b>Total Construction Phase</b>	<b>1,23,000</b>
<b>Operation Phase</b>	
<ul style="list-style-type: none"> <li>Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	<b>20,000</b>
<ul style="list-style-type: none"> <li>Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample</li> </ul>	<b>8,000</b>
<ul style="list-style-type: none"> <li>Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	<b>20,000</b>
<ul style="list-style-type: none"> <li>Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	<b>20,000</b>
<b>Total Operation Phase</b>	<b>68,000</b>
<b>Total</b>	<b>1,91,000</b>

After presentation and discussions it was observed by the committee that the remediations plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.
  - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.

- iv. No issue pertaining to R&R and land ownership is pending.
  - v. Commitment of PP regarding no tree felling is being done for construction activity.
  - vi. No GW was extracted during construction & operation of project.
  8. Utilization- wise Land Use details as per approved T& CP approved layout.
  9. PP should obtain NBWL clearance as the site is within 5.93 kms of Ralamandal Abhayaran and submit the copy of application filed for NBWL clearance.
  10. Proposed Energy conservation plan.
  11. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
  12. STP's status with photographic proofs.
2. **Case No. - 5720/2018 M/s Arms Real Estate Developers Pvt. Ltd, G1, Arms Majestic, 34-C, Scheme No. 78, Opposite Shalimar Township, AB Road, Indore, (M.P.) – 452010. Prior Environment Clearance for Residential High Rise Project "The Empress" (Total Plot Area = 9470 sqm, Built-up Area= 42010.04 sqm) at Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.) Cat. - 8(a) Building and Construction Projects. Env. Con. –EQMS India Pvt. Ltd., Delhi.**

This is case of Prior Environment Clearance for Residential High Rise Project "The Empress" (Total Plot Area = 9470 sqm, Built-up Area= 42010.04 sqm) at Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.) Cat. - 8(a) Building and Construction Projects.

This case was scheduled in 326<sup>th</sup> SEAC meeting dated 21/08/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories. The TOR for violation was recommended by the committee. (For details please refer the minutes of 326<sup>th</sup>

SEAC meeting dated 21/08/2018). PP has submitted the EIA report vide letter dated 11/02/2019 which was forwarded through SEIAA vide letter no. 2341 dated 21/02/2019.

The case was scheduled in the PP absent in 348<sup>th</sup> SEAC meeting dated 01-03-19 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 after hearing from PP.

In this meeting the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant wherein PP submitted that:

**Chronology of the violation:**

- AREDPL has carried out the construction as per the approved layout without obtaining prior obtaining environmental clearance under EIA Notification, 2006 which has led to violation of the EIA Notification.
- Construction of the project has been completed.
- Construction was carried out due to unawareness of applicability of EIA Notification, 2006 on the project.
- On learning the applicability of the environmental clearance, AREDPL has applied for grant of environmental clearance in January, 2013 to SEIAA, M.P.
- Project was included in the 134<sup>th</sup> SEAC meeting held on 3rd June, 2013 and SEAC raised few queries.
- Reply to the queries was submitted to SEAC and thereafter SEIAA, M.P. got dissolved due to completion of the tenure.
- AREDPL in mean while approach MPPCB to get the credible action initiated on them as per MoEF&CC OM dated 12.12.2012.
- Project was then included in 148<sup>th</sup> SEAC meeting held on August, 2014 wherein AREDPL has submitted the resolution of board and the proof of credible action initiated by MPPCB in the meeting and SEAC has recommended the project for grant of environmental clearance to SEIAA in same meeting.
- Thereafter project was included in 165<sup>th</sup> SEIAA meeting held on 10<sup>th</sup> October, 2014 wherein SEIAA reverted the case back to SEAC due to confusion in built-up area.

- Project was considered in 158<sup>th</sup> SEAC meeting held on 28<sup>th</sup> November 2014 and SEAC clarified the confusion of built-up area forwarded the project back to SEIAA with clarifications.
- Project was then taken up in 175<sup>th</sup> & 188<sup>th</sup> SEIAA meeting and raised some queries again.
- Project was then discussed in 211<sup>th</sup> SEIAA meeting wherein SEIAA requested MPPCB to submit the site visit report made before filling the credible action case and also directed SEAC to visit the site to understand the construction status at the site as per NGT order dated 20<sup>th</sup> October, 2014.
- Project was again taken up in 227<sup>th</sup> SEIAA meeting held on 14<sup>th</sup> August, 2015 and was kept in abeyance as per NGT order dated 07.07.2015 regarding violation cases.
- Project was then taken up in 274<sup>th</sup> SEIAA meeting on 23<sup>rd</sup> December, 2015 and SEIAA asked SEAC to undertake the site visit and submit report on given points.
- SEAC undertook the site visit and in 277<sup>th</sup> meeting and disclosed the findings of site visit the the meeting and recommended the project back to SEIAA.
- Project was then taken up in 345<sup>th</sup> SEIAA meeting held on 25.06.2016, where SEIAA on basis of MoEF&CC draft notification dated 10.05.2016 kept the project on abeyance.
- Thereafter project was taken up in 352<sup>nd</sup> SEIAA meeting held on 8<sup>th</sup> July, 2016 wherein SEIAA declare to continue the abeyance as there was no decision from MoEF&CC on violation project.
- Thereafter SEIAA in March, 2017 delisted the project in its 417<sup>th</sup> meeting held on 20.07.2017 after issue of MoEF&CC final notification dated 14.03.2017 and recommended AREDPL to apply in MoEF&CC for grant of environment clearance.
- M/s Arms Real Estate Developers Pvt. Ltd. had applied to MoEF&CC as per the MoEF&CC Notification No. SO 804 (E) dated 14.03.2017 for grant of environmental clearance. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. Accordingly our project has been transferred to SEIAA/SEAC, Madhya Pradesh by MoEF&CC vide letter dated 28th March, 2018.
- M/s AREDPL commits not to repeat any such violation in future.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no. 284/PS-MS/MPPCB/SEAC/TOR(326)/2018 dated 19 Sep, 2018. EIA for the project was submitted on 21st Feb, 2019.

**BUDGET: ENVIRONMENTAL COST**

**Cost Incurred for Environment Management till date during Construction and Operation Phases**

S. No.	Particulars	Budget (INR)	Status
<b>Construction Period: 3 years/1095 days</b>			
14.	<b>Air Environment</b> <ul style="list-style-type: none"> <li>Water sprinkling: At loading &amp; unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 300 Rs for 7500 litre tanker: 735 days excluding monsoon in 3 years of construction</li> <li>Sprinkling Nozzle: 3 nozzles (@ INR 500)</li> <li>Booster pump of 1 HP</li> <li>Water pipeline (hose)- 100 m of 3-4 m dia.</li> <li>Water Tank (1 nos. of 7500 liters = INR 30,000)</li> <li>Labour Cost</li> <li>Covered Loose Material storage sheds with paved surface and tarpaulin sheets</li> <li>Green Nets for Building (@INR 15/sq m): 13000 sq m</li> <li>Wind breakers/ Site barricading- 470 m for 10 feet height (@INR 800 /rmt -10 feet)</li> </ul>	<b>6,94,500</b> 31,500   1500  5500 5000  30,000  Inclusive in salary of construction labour  50,000   1,95,000  3,76, 000	Already incurred completely
15.	<b>Construction Waste Management</b> <ul style="list-style-type: none"> <li>Dustbins (@ INR 2000 for 15 dustbins)</li> <li>Labour Cost</li> <li>Safety tapes for barricading the waste storage area</li> </ul>	<b>3,85,000</b>  30,000  Inclusive in salary of construction labour 5,000  3,50,000	Already incurred completely

	<ul style="list-style-type: none"> <li>Agencies' fee for waste collection &amp; disposal- 3 years</li> </ul>		
16.	<b>Noise Management</b> <ul style="list-style-type: none"> <li>Site barricading- 470 m for 10 feet height (@INR 800 /rmt -10 feet)</li> <li>Machinery with inbuilt silencers/noise mufflers</li> <li>No working between 8:00 PM to 9:00 AM</li> </ul>	<b>Nil</b> 3,76, 000 (considered in air environment)  Cost included in construction machinery  No cost	Already incurred completely
17.	<b>Water Quality Management</b> <ul style="list-style-type: none"> <li>Toilets-2 nos. and cost of septic Tank &amp; soak Pit</li> <li>Toilet maintenance and cleaning</li> <li>Sand bags for controlling &amp; diverting the curing flow and rainfall flow and minimizing silt generation</li> <li>STP of 160 KLD constructed for operation phase sewage management</li> <li>Construction of RWH Pits-3 nos and storm water drains</li> </ul>	<b>43,40,000</b> 2,00,000  30,000  10,000  32,00,000  9,00,000	Already incurred completely
18.	<b>Occupational Health and Safety of construction worker</b> <ul style="list-style-type: none"> <li>First aid kits at site</li> <li>Personal Protective equipment-helmet, safety shoes &amp; safety jackets</li> <li>Medical aids as and when required to construction labour</li> </ul>	<b>2,70,000</b>  20,000 2,00,000  50,000	Already incurred completely

19.	<b>Ecological Environment</b> <ul style="list-style-type: none"> <li>Development of Green Area (2387.25 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided</li> <li>No tree was cut as site was devoid of trees</li> </ul>	<b>10,00,000</b> 10,00,000	Already incurred completely
20.	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>Earthquake resistant structure as per NBC Requirement</li> <li>Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC</li> </ul>	Cost included in construction cost	Already incurred completely
<b>D. Cost Incurred during Construction Phase</b>			<b>66,89,500</b>
<b>Operation Phase- 1 Year (Already incurred for the project area developed)</b>			
S. No.	Activity	Expenditure incurred till date by Proponent (1 year period)	Status
4.	<b>Operation Phase Waste Management</b> <ul style="list-style-type: none"> <li>Dustbins for common areas-15 nos. @ INR 3000 + recurring cost</li> <li>Municipal Authority for Waste management (@ 0.3 p/kg)</li> <li>STP sludge disposal through municipal authority (@ INR 3500 PM for 5 years)</li> </ul>	<b>1,74,030</b> 45,000 + 6000 = 51,000 81,030 42,000	Already incurred completely
5.	<b>Operation Phase Water Quality Management</b> <ul style="list-style-type: none"> <li>STP operation and</li> </ul>	<b>3,80,000</b> 3,00,000	Already incurred completely

**Not Considered during construction and operation and will be proposed as remediation cost**

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within site) @ INR 1000 per sample	
<b>Water Environment</b>	<b>30,000</b>
<ul style="list-style-type: none"> <li>Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	
<b>Soil Environment</b>	<b>30,000</b>
<ul style="list-style-type: none"> <li>Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	
<b>Total Construction Phase</b>	<b>1,73,000</b>
<b>Operation Phase</b>	
<ul style="list-style-type: none"> <li>Air Quality Monitoring every six-monthly during construction (twice in year for 1 years) @ INR 5000 at project site</li> </ul>	<b>10,000</b>
<ul style="list-style-type: none"> <li>Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample</li> </ul>	<b>8,000</b>
<ul style="list-style-type: none"> <li>Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	<b>10,000</b>
<ul style="list-style-type: none"> <li>Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	<b>10,000</b>
<b>Total Operation Phase</b>	<b>38,000</b>
<b>Total</b>	<b>2,11,000</b>

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.
  - iii. 100 % solid waste generated during construction is reused and no waste /debris

- are in existence on site at present.
- iv. No issue pertaining to R&R and land ownership is pending.
- v. Commitment of PP regarding no tree felling is being done for construction activity.
- vi. No GW was extracted during construction & operation of project.
- 3. Utilization- wise Land Use details as per approved T& CPO Plan.
- 4. Commitment of PP regarding no tree felling is being done and no GW extraction.
- 5. Proposed Energy conservation plan.
- 6. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
- 7. PP shall be submitted hydro-geological study of the area.
- 8. STP's Physical & Financial implication with photographic proofs

**3. Case No. - 6030/2019 Shri Nitin Vinayak Patil, Plot No. 23, Rameshwari Road near Trisharan Chowk, Kunjilal Peth, Ambedkar Nagar, Gurukrupa Society, Parwati Nagar, S.O. - Nagar, Mah – 440027 Prior Environment Clearance for Dolomite Deposit Mine in an area of 10.00 ha. (1,20,000 cum per annum) (Khasra No. 278), Village - Lohani, Tehsil - Sausar, Dist. Chhindwara (MP)**

This is case of Dolomite Deposit Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 278), Village - Lohani, Tehsil - Sausar, Dist. Chhindwara (MP) 10.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1555 dated: 28/09/2018 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 49.064 ha., including this mine.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. During presentation the committee observed that the mine area is situated on a hill top and the slope of mine towards the north- east and the south- west moreover the surface of the hill is undulating hence the area become sensitive w.r.t. deployment of men and machine. Committee after deliberations asked the PP to elaborate method of mining, details of haul road with consideration of variable gradient in and around of the lease. PP also stated that as per DFO letter dated 23.07.2018 & no. 97 dated 15.01.2013 a forest parcel no. 1589

& 1590 of RF is approximately 50- 60 meters from the lease for which they have taken NOC from the Divisional Level Forest Committee vide letter no. 30.12.2014.

Being a case of mining of mineral where the lease area is of >5.00 ha., the committee after deliberation 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. As the lease is situated on a hill top, the details of transportation and haul road wrt gradient, length & width shall be provided in EIA report. PP to elaborate method of mining considering variable gradient in and around of the lease.
2. A river is flowing on the northern side of the lease thus its detailed protection plan shall be discussed in the EIA report.
3. Some trees are in existence in the lease area thus their inventory (species, girth etc) shall be provided in the EIA report.

**4. Case No. - 6033/2019 Smt. Snehlata Jain W/o Shri Sudhir Kumar Jain, Badagaon, Tehsil - Rithi, Dist. Katni, MP – 483990 Prior Environment Clearance for Flagstone Mine in an area of 1.0 ha. (700 cum per annum) (Khasra No. 606 P), Village - Nayakheda, Tehsil - Rithi, Dist. Katni**

This is case of Flagstone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 606 P), Village - Nayakheda, Tehsil - Rithi, Dist. Katni 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4912 dated 12/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP submitted that no drilling and blasting is proposed. After presentation the committee asked to submit following details:

1. Revised CER include proposal for water filter, Book Library and sports kit for the school in the village.

Vide letter dated 10.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flag Stone 700 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.245 Lakh as capital and Rs 1.45 Lakh/year and under CSR Rs. 0.35 Lakh/years.

**5. Case No. – 6055/2019 Shri Narayan Dodwe, Village - Bilda, Tehsil - Gandhawani, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (9700 cum per annum) (Khasra No. 245/1), Village - Blida, Tehsil - Gandhwani, Dist. Dhar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 245/1), Village - Blida, Tehsil - Gandhwani, Dist. Dhar (MP) 1.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter no. 2381 dated: 29/09/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remark</b>
Pakka Road	>200	West	--
Settlement/ habitation	>130	West	Three row plantation towards village side.
Natural drain	Originating from the lease	within the lease	Setback of 50 meters with garland drain & settling tanks

After presentation the committee asked to submit following details:

- Commitment from PP to leave setback of 50 meters either side of the natural drain within the ML area.
- Revised EMP includes cost of garland drain, settling tanks & wire fencing.
- Revised CER include proposal for water filter, Book Library and sports kit for the school in the affected village.

**6. Case No. – 6052/2019 M/s Shivarth Associates, Shri Puneet Singh S/o Shri Ravendra Singh, Tikar House, Singhpur Road, Nagod, Dist. Satna, MP – 485115 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (30000 cum per annum) (Khasra No. 2/1/Ka), Village - Jharsi, Tehsil - Nagod, Dist. Satna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2/1/Ka), Village - Jharsi, Tehsil - Nagod, Dist. Satna (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 413 dated: 07/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.5 ha., including this mine.

The case was presented by the PP and their consultant. It was observed that forest is > 270 meters as per DFO letter vide 2031 dated 20.02.2019. During presentation as per Google image based on coordinates provided by PP, some mined out area was observed for which PP submitted that they got the lease in this condition only. Following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate distance from the aerial lease area in meters</b>	<b>Direction</b>
Kachi Road	>16	North
Pakki Road	>100 meter	East
Settlement/ habitation	>200	North

After presentation the committee asked to submit following details:

- Revised EMP (enhanced budgetary allocations for evacuation road) as suggested by the committee.
- Name of proposed villages for CSR activities.
- Revised plantation scheme for 400 plants / year.

Vide letter dated 10.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 06.99 Lakh as capital and Rs 1.555 Lakh/year and under CSR Rs. 0.75 Lakh/years.

**7. Case No. – 6058/2019 Smt. Santosh Kumar Jain W/o Shri Munnalal Jain, Village - Koyal Buddi, Tehsil - Shahpur, Dist. Betul, MP – 464001 Prior Environment Clearance for Stone Quarry in an area of 0.90 ha. (13,180 cum per annum) (Khasra No. 71), Village - Koyal Buddi, Tehsil - Shahpur, Dist. Betul (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 71), Village - Koyal Buddi, Tehsil - Shahpur, Dist. Betul (MP) 0.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1808 dated: 21/12/15 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 1.90 ha., including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that the lease is already excavated, PP stated that earlier the EC was given by DEIAA and the copy issued on 30.06.2017 of the same was submitted by the PP during presentation. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Kacha Road	>130	South
Natural Drain	>210	North -East
Settlement/ habitation	>400	South
Natural drain	approx 80	S-West

After presentation the committee asked to submit following details:

- Commitment from PP to mine advancement from the north- west to South -east.
- Commitment for Controlled blasting.
- Revised EMP include proposal for fencing, PUC check for deployed vehicles as suggested by the committee.
- Revised water requirement for plantation.
- Revised CER include proposal for water filter, traffic rule training.

Vide letter dated 10.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 13,180 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.05 Lakh as capital and Rs 1.25 Lakh/year and under CSR Rs. 0.80 Lakh/years.

**8. Case No. – 6044/2019 Shri Kailash Kumar Pal, Near Animal Hospital, Manideep, Dist. Raisen, MP – 462046 Prior Environment Clearance for Stone Quarry in an area of 1.720 ha. (20,000 cum per annum) (Khasra No. 181/4/1/2/2/2 Part), Village - Agariya, Tehsil - Goharganj, Dist. Raisen (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 181/4/1/2/2/2 Part), Village - Agariya, Tehsil -

Goharganj, Dist. Raisen (MP) 1.720 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 219 dated: 12/03/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that the lease is already excavated, PP stated that mine was already excavated at the time of allotment and they have shown the pit on surface map. The mine is closed since the year 2014. As per DFO letter vide no. 1979 dated 09.09.2015, the Ratapani Sanctuary is 8.6 KM away from the lease and extent of ESZ is declared 01.00 Kms vide SO No. 2605 (E) dated 11/08/2017.

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

<b>Sensitive Features</b>	<b>Approximate distance from the aerial lease area in meters</b>	<b>Direction</b>
Pakka Road	>250	North
Village Road	>300	East
Settlement/ habitation	>300	South - east
Natural drain	approx 80	S-West

After presentation the committee asked to submit following details:

- Revised EMP include proposal for fencing to the periphery of the lease @Rs. 200 / meter.
- Revised water requirement for plantation.
- Surface plan showing old mine pit.
- Revised CER include proposal for water filter, traffic rule training.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the



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

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.648 Lakh as capital and Rs 0.95 Lakh/year and under CSR Rs.0.50 Lakh/years.

**9. Case No. – 6045/2019 Shri Jitendra More, 556, CP Colony, Murar, Dist. Gwalior, MP – 475110 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.25 ha. (24,935 cum per annum) (Khasra No. 766), Village - Karra, Tehsil - Dabra, Dist. Gwalior**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 766), Village - Karra, Tehsil - Dabra, Dist. Gwalior 2.25 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. QL 21 dated: 26/09/18 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.25 ha., including this mine.

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

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>
Pakka Road	>300	North
Kacha Road	>80	North
Settlement/ habitation	>320	North -East

After presentation the committee asked to submit following details:

- Revised CER include proposal for water filter, traffic rule training etc.

- Budgetary proposal of wind breaking wall in EMP.

Vide letter dated 11.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 24,935 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.20 Lakh as capital and Rs 1.56 Lakh/year and under CSR Rs.1.10 Lakh/years.

**10. Case No. – 6056/2019 Smt. Anita Malhotra, W/o Shri Mukesh Malhotra, Doba Ka Sarhanath, Tehsil - Karahal, Dist. Sheopur, MP – 476337 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (3000 cum per annum) (Khasra No. 684/4), Village - Karahal, Tehsil - Karahal, Dist. Sheopur (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 684/4), Village - Karahal, Tehsil - Karahal, Dist. Sheopur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter dated: 31/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, PP stated that the method of mining will be open cast manual and no drilling and blasting is proposed. After presentation, PP was asked to submit:

1. Revised plantation @60/year as suggested by the committee.
2. Revised CER include proposal for water filter, Sports kits (Carom & football etc.).

PP has submitted the response of above quarries same date vide letter dated 10.04.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence

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

1. Production of Murrum as per mine plan with quantity not exceeding 3,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 2.74 Lakh as capital and Rs 0.95 Lakh/year as recurring and under CSR Rs. 0.25 Lakh/years.

**11. Case No. – 6059/2019 Shri Radhe Shyam Sondhiya, Gram Khankra Tenja, Tehsil - Biaora, Dist. Rajgarh, MP – 465674 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (9975 cum per annum) (Khasra No. 53/1/1/3), Village - Bapchi, Tehsil - Rajgarh, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 53/1/1/3), Village - Bapchi, Tehsil - Rajgarh, Dist. Rajgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 402 dated: 02/3/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed on the Google image based on coordinates provided by PP, that lease is falling in the catchment area of the stop dam which is > 500 meters in the north-east direction. Other sensitive features were observed within 500 meters of the lease area are given below:-

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Stop dam	>100 meters	East	Garland drains & settling tanks shall be provided.
Natural Drain	Approx. 15 meters	Southern	Setback of 30 meters shall be left excluding barrier zone.

After presentation the committee asked to submit following details:

- Location with dimension of settling tanks on the Surface Map with marked 30 meters restricted area.
- Copy of agreement.

Vide letter dated 10.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9,975 cum/annum.
2. Setback of 30 meters shall be left in the lease area excluding barrier zone from the natural drain.
3. A budgetary provision for Environmental management Plan of Rs. 6.9715 Lakh as capital and Rs 1.290 Lakh/year and under CSR Rs. 0.80 Lakh/years.

**12. Case No. – 6061/2019 M/s Runway Infrastructure, C-24, Dalvi Nagar, Guna, MP – 473001 Prior Environment Clearance for Murrum Deposit in an area of 2.0 ha. (70,000 cum per annum) (Khasra No. 243/1/1), Village - Khajuri, Tehsil - Aron, Dist. Guna (MP)**

This is case of Murrum Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 243/1/1), Village - Khajuri, Tehsil - Aron, Dist. Guna (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4086 dated: 07/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, PP stated that, this lease was obtained under temporary permit (TP) for one year's period & the method of mining will be open cast manual and blasting is not proposed. During presentation as per Google image based on coordinates provided by PP following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate distance from the lease area in meters</b>	<b>aerial Direction</b>
Settlement	>200	North -west
Natural drain	>250	North

After presentation, PP was asked to submit:

1. Copy of Gram Panchayat NOC.
2. Revised plantation species as 900 nos., as suggested by the committee with revised EMP.
3. Details of machine deployed with their capacity & manpower for mining activity.

PP has submitted the response of above quarries same date vide letter dated 10.04.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Murum as per mine plan with quantity not exceeding 70,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 7.80 Lakh as capital and Rs 1.310 Lakh/year as recurring and under CSR Rs. 2.50 Lakh/years.

**13. Case No. – 6060/2019 Smt. Sadhna Gupta, Tehsil - Narsingharh, Dist. Rajgarh, MP – 465674 Prior Environment Clearance for Stone Quarry in an area of 0.759 ha. (3021 cum per annum) (Khasra No. 321/1/4), Village - Dand, Tehsil - Biaora, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 321/1/4), Village - Dand, Tehsil - Biaora, Dist. Rajgarh (MP) 0.759 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 653 dated: 14/8/15 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The PP stated that the lease area is 6.360 KM from the Narsingharh Wildlife Sanctuary (ESZ) as per DFO letter vide no. 193 dated 17.01.2019. In this context notification S.O. 3689 (E) of the Narsingharh Wildlife Sanctuary (ESZ) also confirmed extent of the ESZ that are varying from 100 meters on urban/residential settlement side to 2.0 kilometers in the rest of the area around the boundary of Narsingharh Wildlife Sanctuary (ESZ). During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate distance from the aerial lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kacha Road	>240	West	
Natural drain	>20	South	30 meters setback in the lease from the drain shall be left.

After presentation the committee asked to submit following details:

- Revised plantation @200/year.
- Revised CER include proposal for water filter.
- Copy of agreement between the owner and PP.

Vide letter dated 10.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3021 cum/annum.
2. A setback of 30 meters shall be left as no mining zone due to natural drain near the lease area.
3. A budgetary provision for Environmental management Plan of Rs. 3.99 Lakh as capital and Rs 1.02 Lakh/year and under CSR Rs. 0.55 Lakh/years.

**14. Case No. - 6005/2019 Sarpanch, Gram Panchayat, Village - Raspur, Tehsil - Beohari, Dist. Shahdol, MP Prior Environment Clearance for Sand Quarry in an area of 4.00 ha. (68,040 cum per annum) (Khasra No. 433), Village - Raspur, Tehsil - Beohari, Dist. Shahdol (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 433), Village - Raspur, Tehsil - Beohari, Dist. Shahdol (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office vide letter no. 107 dated: 26/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, committee observed an active river channel is flowing within the lease in the north- east side of the lease. The committee suggested to the PP that this area should be left as no mining zone & safe zone and no cross way will be permitted on the river. PP should evacuation new route that must be on the right bank of the river. PP further submitted that all the mining operations will be carried out manually and no machinery / vehicles will be deployed during mining operations. After presentation the committee asked to submit following details:

- New evacuation route marked on the Google map that from the right bank of the river without disturbing the river flow.
- Revised EMP with include proposal for evacuation road with appropriate budget.

PP has submitted the response of above quarries same date vide letter dated 10.04.2019, which was placed before the committee and the same found satisfactory. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 68,040 cum/year.
2. Only manual mining is permitted and for crossing lease during mining no active water channel shall not be disturbed.

3. A budgetary provision for Environmental management Plan of Rs. 17.22 Lakh as capital and Rs. 4.25 Lakh/year and under CSR Rs. 1.64 Lakh/years.

**15. Case No. - 5988/2019 M/s Sikarwar Mining & Minerals, Pro. Shri Surendra Singh Sikarwar, Nagpur Road, Chhindwara, MP – 480001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.0 Ha. (5842 cum per annum) (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 500, 543/4), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 201 dated: 08/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

Committee after deliberations decided that being it's a case of stone quarry mine with total area of 5.0 ha., including this mine, and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. A natural stream just in vicinity of the lease how PP will protect its natural flow as well as maintain quality, address this sensitive features in the EIA.
2. PP should explore the possibility of using SME (site mixed explosives) in blasting.
3. Detailed study of ground vibration and fly rocks shall be done.
4. Level of mechanization should be discussed in the EIA report.
5. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.



**16. Case No. - 5990/2019 M/s Sikarwar Mining & Minerals, Pro. Shri Surendra Singh Sikarwar, Nagpur Road, Chhindwara, MP – 480001 Prior Environment Clearance for Metal Stone Quarry in an area of 1.0 Ha. (6484 cum per annum) (Khasra No. 545/1), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 545/1), Village - Khunajhirkhurd, Tehsil - Mohkhed, Dist. Chhindwara (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 200 dated: 08/02/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.00 ha., including this mine.

Committee after deliberations decided that being it's a case of stone quarry mine with total area of 5.0 ha., including this mine, and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. A road is in existence at a distance of 250 meters in the south west direction from the lease, thus PP should explore the possibility of using SME (site mixed explosives) in blasting.
2. PP should explore the possibility of using SME (site mixed explosives) in blasting.
3. Detailed study of ground vibration and fly rocks shall be done.
4. Level of mechanization should be discussed in the EIA report.
5. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.

**17. Case No. - 5944/2019 Sarpanch, Gram Panchayat, Village - Sadkar, Tehsil - Chandla, Dist. Chhatarpur, MP – 471516. Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (75,600 cum per annum) (Khasra No. 1400 (Part)), Village - Sadkar, Tehsil - Chandla, Dist. Chhatarpur (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1400 (Part)), Village - Sadkar, Tehsil - Chandla, Dist.

Chhatarpur (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. NIL dated: 31/1/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in 350<sup>th</sup> SEAC meeting dated 15/03/2019, and 354 SEA meeting dated 28.03.2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled for 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. Earlier PP was also absent in 350<sup>th</sup> SEAC meeting dated 15/03/2019 and 354 SEA meeting dated 28.03.2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

18. **Case No. - 5689/2018 M/s Man Developments, G-9, Man Heritage, 6/2, South Tukoganj, Indore, (M.P.) – 452001 .Prior Environment Clearance for Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjanpur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20,350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm. Cat. - 8(a) Building and Construction Projects. EIA Presentation. Env. Con. – EQMS, Delhi.**

This is case of Prior Environment Clearance for Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjanpur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm. Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 319<sup>th</sup> SEAC meeting dated 22/06/2018 wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories. The TOR for violation was recommended by the committee. (For details please refer the minutes of 319<sup>th</sup> SEAC meeting dated 22/06/2018). PP has submitted the EIA report vide letter dated 24/12/2018 which was forwarded through SEIAA vide letter no. 1893 dated 29/12/2018.

This case was scheduled for the appraisal of EIA submitted by PP in 339<sup>th</sup> SEAC meeting dated 29/01/2019. However, PP vide letter dated 22/01/2019 has requested to remain absent as due to ill health. Committee considering the request of PP decided to call him in subsequent meetings of SEAC.

In the 350th SEAC meeting dated 15-03-2019 this case was scheduled for EIA presentation wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 339<sup>th</sup> SEAC meeting dated 29/01/2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant with following details:

**The salient features of the project area as:**

- M/s Chugh Realty has planned a group housing project “Grande Exotica” which is spread over area of 6.59 Acres i.e. 26,660 m<sup>2</sup> located at Village Bhicholi Mardana, Tehsil & District Indore, Madhya Pradesh.

- Chug Realty has joint development agreement with the land owner for carrying out the development of residential project at the site in accordance to the approved plan from T&CP.
- Land belongs to Smt. Rupali W/o Mr. Laxmikant Khemka and Smt. Ritu W/o Neeraj Singhal.
- Approval has been obtained from T&CP, Madhya Pradesh in 2013 for development of the project.
- Project comprises of 8 nos. of residential blocks (S+10), club house, multipurpose hall, green area and other allied facilities and will have built-up area of 102251.3 sq m. Till date 93124.8 sq m of built-up area is constructed.

### **Area Summary**

<b>Particulars</b>	<b>Area Constructed (sq m)</b>	<b>Area to be Constructed (sq m)</b>	<b>Total Area (sq m)</b>
Total plot Area	20350		
Area Under Road Widening	945		
Net Plot Area	19405		
Permissible Ground Coverage (@33% of net plot area)	6403.65		
Proposed Ground Coverage (@32.99% of net plot area)	3503.79	2898.86	6402.65
Permissible FAR (@1.5 of net plot area)	29107.5		
Incentive FAR (@2X1.5 of area surrender)	2835		
Total permissible FAR (@1.646 of net plot area)	31942.5		
Proposed FAR (@1.639 of net plot area)	20644.61	11172.8	31817.41
Non FAR Area	6423.25	9126.74	15549.993
EWS	0	727.69	727.69
LIG	0	3194.25	3194.25
Stilt	3780.19	3035.39	6815.58
Basement	8995.5	0	8995.5
Built-up Area	39843.55	27256.873	67100.423
Green Area (@17% of net plot area)	2136	1144	3280
Height of building	18 m		

### **Chronology and Details of Violation**

- A letter dated 1.1.2016 was sent by SEIAA to SEAC to conduct site visit to know status of construction at the site and the site visit was conducted by SEAC in February, 2016 and SEAC reported the status of construction at the site in its 277th meeting and send it to SEIAA for further action.
- SEIAA took up the case in 345th meeting and suggested to keep project on abeyance due to MoEF&CC draft notification dated 10.05.2016 related to violation cases.
- All the violation cases were declared on abeyance again by SEIAA in 352nd meeting and closed all the violation cases in its 417th meeting held on 20.03.2017.
- Then application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no 207/PS-MS/MPPCB/SEAC/TOR(319)/2018 dated 10/7/2018. EIA for the project was submitted on 24.12.2018.

### **BUDGET: ENVIRONMENTAL COST**

Cost Incurred for Environment Management till date during Construction and Operation Phases

<b>S. No.</b>	<b>Particulars</b>	<b>Budget (INR)</b>	<b>Status</b>
<b>Construction Period: 3 years/1095 days</b>			
21.	<b>Air Environment</b> <ul style="list-style-type: none"> <li>• Water sprinkling: At loading &amp; unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 300 Rs for 7500 litre tanker: 735 days excluding monsoon in 3 years of construction</li> <li>• Sprinkling Nozzle: 3 nozzles (@ INR 500)</li> <li>• Booster pump of 1 HP</li> <li>• Water pipeline (hose)- 100 m of 3-4 m dia.</li> <li>• Water Tank (1 nos. of</li> </ul>	<b>7,66,500</b> 31,500    1500  5500 5000  30,000	Already incurred completely

	<p>7500 liters = INR 30,000)</p> <ul style="list-style-type: none"> <li>• Labour Cost</li> <li>• Covered Loose Material storage sheds with paved surface and tarpaulin sheets</li> <li>• Green Nets for Building (@INR 15/sq m): 13000 sq m</li> <li>• Wind breakers/ Site barricading- 560 m for 10 feet height (@INR 800 /rmt -10 feet)</li> </ul>	<p>Inclusive in salary of construction labour</p> <p>50,000</p> <p>1,95,000</p> <p>4,48, 000</p>	
22.	<p><b>Construction Waste Management</b></p> <ul style="list-style-type: none"> <li>• Dustbins (@ INR 2000 for 15 dustbins)</li> <li>• Labour Cost</li> <li>• Safety tapes for barricading the waste storage area</li> <li>• Agencies' fee for waste collection &amp; disposal- 3 years</li> </ul>	<p><b>3,85,000</b></p> <p>30,000</p> <p>Inclusive in salary of construction labour</p> <p>5,000</p> <p>3,50,000</p>	Already incurred completely
23.	<p><b>Noise Management</b></p> <ul style="list-style-type: none"> <li>• Site barricading- 560 m for 10 feet height (@INR 800 /rmt -10 feet)</li> <li>• Machinery with inbuilt silencers/noise mufflers</li> <li>• No working between 8:00 PM to 9:00 AM</li> </ul>	<p><b>Nil</b></p> <p>4,48,000 (considered in air environment)</p> <p>Cost included in construction machinery</p> <p>No cost</p>	Already incurred completely
24.	<p><b>Water Quality Management</b></p> <ul style="list-style-type: none"> <li>• Toilets-2 nos. and cost of septic Tank &amp; soak Pit</li> </ul>	<p><b>50,40,000</b></p> <p>2,00,000</p> <p>30,000</p>	Already incurred completely

	<ul style="list-style-type: none"> <li>• Toilet maintenance and cleaning</li> <li>• Sand bags for controlling &amp; diverting the curing flow and rainfall flow and minimizing silt generation</li> <li>• STP of 225 KLD constructed for operation phase sewage management</li> <li>• Construction of RWH Pits-1 nos and storm water drains</li> </ul>	<p>10,000</p> <p>45,00,000</p> <p>3,00,000</p>	
25.	<b>Occupational Health and Safety of construction worker</b> <ul style="list-style-type: none"> <li>• First aid kits at site</li> <li>• Personal Protective equipment-helmet, safety shoes &amp; safety jackets</li> <li>• Medical aids as and when required to construction labour</li> </ul>	<p><b>2,70,000</b></p> <p>20,000</p> <p>2,00,000</p> <p>50,000</p>	Already incurred completely
26.	<b>Ecological Environment</b> <ul style="list-style-type: none"> <li>• Development of Green Area (3280 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided</li> <li>• No tree was cut as site was devoid of trees</li> </ul>	<p><b>4,00,000</b></p> <p>4,00,000</p>	Already incurred completely
27.	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>• Earthquake resistant structure as per NBC Requirement</li> <li>• Fire-fighting system as per NBC and</li> </ul>	Cost included in construction cost	Already incurred completely

	Local fire office requirement and obtained fire NOC		
<b>G. Cost Incurred during Construction Phase of Existing Structures</b>			<b>1,28,58,000</b>
<b>Construction Period: 3 years/1095 days (For Remaining area)</b>			
28.	<b>Air Environment</b> <ul style="list-style-type: none"> <li>Water sprinkling: At loading &amp; unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 300 Rs for 7500 litre tanker: 735 days excluding monsoon in 3 years of construction</li> <li>Green Nets for Building (@INR 15/sq m): 6500 sq m</li> <li>Air masks (@INR 100-100 Pcs)</li> <li>Air Quality Monitoring every six-monthly during construction (twice in year for 3 years) @ INR 5000 at project site</li> <li>Vehicle inspection camp (@INR 20,000/yr for 3 years)</li> </ul>	<b>2,29,000</b> 31,500   97,500  10,000  30,000   60,000	To be Incurred
29.	<b>Noise Environment</b> <ul style="list-style-type: none"> <li>Ear Plugs (@ INR 50 -100 Pc)</li> <li>Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample</li> </ul>	<b>17,000</b> 5,000  12,000	To be Incurred
30.	<b>Construction Waste Management</b> <ul style="list-style-type: none"> <li>Labour Cost</li> <li>Agencies' fee for</li> </ul>	<b>2,25,000</b>  Inclusive in salary of construction labour  2,25,000	To be Incurred



	waste collection & disposal- 3 years		
31.	<b>Water Quality Management</b> <ul style="list-style-type: none"> <li>Toilet maintenance and cleaning</li> <li>STP of 100 KLD constructed for operation phase sewage management</li> <li>Construction of RWH Pits-3 nos and storm water drains</li> <li>Water Quality Monitoring at project site (once in six months) @ INR 5000/sample</li> </ul>	<b>29,60,000</b> 30,000 20,00,000 9,00,000 30,000	Already incurred completely
32.	<b>Disaster Management</b> <ul style="list-style-type: none"> <li>Earthquake resistant structure as per NBC Requirement</li> <li>Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC</li> </ul>	Cost included in construction cost	To be incurred
33.	<b>Soil Environment</b> <ul style="list-style-type: none"> <li>Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site</li> </ul>	30,000	To be Incurred
<b>H. Cost to be Incurred during Construction Phase of Remaining Structures</b>			<b>34,61,000</b>
<b>Operation Phase- 2 Years (Already incurred for the project area developed)</b>			
<b>S. No.</b>	<b>Activity</b>	<b>Expenditure Incurred (2 years period)</b>	<b>Status</b>
7.	<b>Operation Phase Waste Management</b> <ul style="list-style-type: none"> <li>Dustbins for common areas-20 nos. @ INR 3000 + recurring cost</li> <li>Municipal Authority</li> </ul>	<b>6,38,370</b> 60,000 + 6000 = 66,000 4,88,370	Already Incurred Completely

	for Waste management (@ 0.3 p/kg) • STP sludge disposal through municipal authority (@ INR 3500 PM for 2 years)	84,000	
8.	<b>Operation Phase Water Quality Management</b> • STP operation and maintenance and treated water quality monitoring by agency (15000/- PM) • Water supply network maintenance & cleaning (@ 20,000 every six months for 2 years) • Maintenance & cleaning of RWH system (@ 30,000 every six months for 2 years)	<b>9,12,000</b>  3,60,000  80,000  1,20,000	Already incurred completely
9.	<b>Green Area Maintenance</b> Maintenance of Green Area (3280 sq m) and trees planted (salary + expenditure on green area maintenance)	<b>6,00,000</b>	Already incurred completely
<b>I. Cost Incurred Till Date During operation Phase</b>			<b>21,50,370</b>
<b>Total Cost Incurred towards environment protection (A+C) = 1,50,08,370</b>			
<b>Cost To be Incurred for environment protection for Remaining Structures = 34,61,000</b>			

Cost Not Considered during construction and operation and will be proposed as remediation cost

<b>Construction Phase</b>	
<b>Air Environment</b>	<b>70,000</b>
• Air masks (@INR 100-100 Pcs)	10,000
• Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at	20,000

project site	
• Vehicle inspection camp (@INR 20,000/yr for 2 years)	40,000
<b>Noise Environment</b>	<b>13,000</b>
• Ear Plugs (@ INR 50 -100 Pc)	5,000
• Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample	8,000
<b>Water Environment</b>	<b>20,000</b>
• Water Quality Monitoring at project site (once in six months) @ INR 5000/sample	
<b>Soil Environment</b>	<b>20,000</b>
• Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site	
<b>Total Construction Phase</b>	<b>1,23,000</b>
<b>Operation Phase</b>	
• Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site	<b>20,000</b>
• Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample	<b>8,000</b>
• Water Quality Monitoring at project site (once in six months) @ INR 5000/sample	<b>20,000</b>
• Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site	<b>20,000</b>
<b>Total Operation Phase</b>	<b>68,000</b>
<b>Total</b>	<b>1,91,000</b>

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that

all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.

2. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.
  - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
  - iv. No issue pertaining to R&R and land ownership is pending.
  - v. Commitment of PP regarding no tree felling is being done for construction activity.
  - vi. No GW was extracted during construction & operation of project.
3. Utilization- wise Land Use details as per approved T& CPO Plan.
4. Proposed Energy conservation plan.
5. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
6. STP's Physical & Financial implication with photographic proofs.

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

**(Shri Prashant Srivastava)**  
**Member**

**(Dr. J. P. Shukla)**  
**Member**

**(Dr. Rubina Chaudhary)**  
**Member**

**(Dr. Mohd. Akram Khan)**  
**Member**

**(R. Maheshwari)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**

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

**Annexure- 'A'**

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

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

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

**Annexure- 'B'**

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

1. 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.
2. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
3. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
4. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
10. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
11. 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.
12. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.

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 CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
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.

**Annexure- 'C'**

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.

7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'D'**

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

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



2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
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. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Hydro geological study should be carried out if ground water intersection is proposed.
9. Top soil management plan should be addressed in EIA report.
10. Input data of modeling should be addressed in EIA along with this all back up calculation.
11. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
12. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
13. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.
14. Ambient Air Quality Monitoring Stations should be located in all the villages which are within 01 kms radius of the project site and incremental GLC should be predicted in all such villages.
15. Protection Plan for surface run off should be discussed in EIA report.
16. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
17. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
18. An inventory of flora & fauna based on actual ground survey shall be presented.
19. Risk factors with their management plan should be discussed in the EIA report.
20. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
21. The EIA document shall be printed on both sides, as far as possible.
22. All documents should be properly indexed, page numbered.
23. Period/date of data collection should be clearly indicated.
24. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
25. 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.
26. 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.
27. Grant of TOR does not mean grant of EC.
28. 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.
29. 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.
30. 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.
  31. All the necessary NOC's duly verified by the competent authority should be annexed.
  32. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
  33. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
  34. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
  35. 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.
  36. 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.
  37. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
  38. 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.

**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.**

39. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
40. Detailed analysis of availability and quality of the drinking water resources available in the block.
41. 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.
42. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.