

The 220th meeting of the State Expert Appraisal Committee (SEAC) was held on 26th August, 2015 under the Chairmanship of Dr. R. B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Dr. M.P. Singh, Member
3. Dr. Alok Mittal, Member
4. Shri A.P. Srivastava, Member
5. Shri K. P. Nyati, Member
6. Dr. U. R. Singh, Member
7. Shri. A. A. Mishra, Secretary

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

1. **Case No. 3333/15** Shri Hiralal S/o Shri Ramesh Chandra Patidar, Village-Gomana, Tehsil-Chhoti Sadri, District-Pratapgarh (Raj.)-312604 Prior Environment Clearance for approval of Basalt Stone & Murrum Quarry in an area of 2.00 ha. (Basalt Stone-11,769 & Murrum-1,699 cum/year) at Khasra No.444, Village-Khokhra, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of Basalt Stone & Murrum mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.444, Village-Khokhra, Tehsil-Malhargarh, District-Mandsaur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 859 dated: 4/6/2015, has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and total land area 6.0 Ha .

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 Stone not exceeding 11,769 m<sup>3</sup>/Year and Murram-1,699 cum/year as per mine plan.
2. **Case No. 3337/15** Shri Anil Nayar, M/s Madhav Infra Project Ltd., Tilak Nagar, Bhagat Singh Colony, District-Singrauli (MP)-486886 Prior Environment Clearance for approval of Soil & Murum Quarry in an area of 2.50 ha. (Soil-37,622 & Murum-56,433 cum/year) at Khasra No.83, Village-Jhagrauha, Tehsil-Chitrangi, District- Singrauli

This is case of Soil & Murum mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.83, Village-Jhagrauha, Tehsil-Chitrangi, District- Singrauli (MP) 2.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 816 dated: 18/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Scrutiny of documents reveals that surface plan/production and other relevant plans are not approved by the mine department. PP was asked to get these plans approved by the mine department.

3. **Case No. 3257/15** Shri Ashish Kumar Yadav S/o Shri Suresh Kumar Yadav, Village-Nuna, Tehsil-Lidhora, District-Tikamgarh (MP) Prior Environment Clearance for approval of Stone Quarry Lease Area - 2.00 ha., Capacity - (12,000 cum/year) at Khasra No.-1649, Village-Nuna, Tehsil-Lidhora, District-Tikamgarh (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1649, Village-Nuna, Tehsil-Lidhora, District-Tikamgarh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1545 dated: 20/11/2014, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 :-Aø

1. Production of Stone not exceeding 12,000 m<sup>3</sup>/Year as per mine plan.

4. **Case No. 3340/15** Shri S.S. Bhardwaj, M/s Singh Brother, Deendayal Nagar, District-Gwalior (MP)-474001 Prior Environment Clearance for approval of Stone & Murum Quarry in an area of 4.00 ha. (15,228 cum/year) at Khasra No.-898/2, Village-Kalamad, Tehsil-Pohari, District-Shivpuri (MP)

This is case of Stone & Murum mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-898/2, Village-Kalamad, Tehsil-Pohari, District-Shivpuri (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, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 628 dated: 8/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 :-Aø

1. Production of Stone and Murum not exceeding 15,228 m<sup>3</sup>/Year as per mine plan.

5. **Case No. 3344/15** Shri Akash Singh Chouhan S/o Shri Brijendra Singh Chouhan, Village-Bhela, P.O. Behera Dabar, Tehsil-Mauganj, Rewa (MP)-486331 Prior Environment Clearance for approval of Stone Quarry in an area of 0.809 ha. (4,000 cum/year) at Khasra No.-29/1, Village-Harraha, Tehsil-Mauganj, District-Rewa (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-29/1, Village-Harraha, Tehsil-Mauganj, District-Rewa (MP) 0.809 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 849 dated: 25/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, but scrutiny of mine plan reveals that approx. 1300 cum mineral is already mined out but the same has not been shown in surface plan. PP was asked to submit revised surface plan incorporating above details.

- 6. Case No. 3345/15** Smt. Asha Singh, M/s Jatashankar Stone Crusher, 484, Civil Line, Narsinghpurwa, District-Chhatarpur (MP)-471001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (11,640 cum/year) at Khasra No.-367, Village-Bedari, Tehsil-Rajnagar, District-Chhatarpur (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-367, Village-Bedari, Tehsil-Rajnagar, District-Chhatarpur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 692 dated: 19/6/2015, has reported that there is 03 more mines operating or proposed within 500 meters around the said mine total land area 6.00 Ha.

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. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

7. **Case No. 3347/15** Shri Udaybaskar, Gullapalli Reliance Industries Limited, 7B/II Floor, CA 18, RCP, Ghansoli, Navi Mumbai-400701 Prior Environment Clearance for approval of proposed expansion of Multipurpose Chemical Terminal (from 20175 KL to 80000 KL) at Village-Bakania, Tehsil-Huzur, District-Bhopal (MP)

This is case of Prior Environment Clearance for approval of proposed expansion of Multipurpose Chemical Terminal (from 20175 KL to 80000 KL) at Village-Bakania, Tehsil-Huzur, District-Bhopal (MP) where TOR is to be issued.

During presentation and scrutiny of document reveals that there are several discrepancies in the information provided in Form-1/PFR and information provided by PP during presentation such as distances from Bhopal city, Airport etc. The issues of environmental sensitivity are also not addressed properly in Form-1. All the co-ordinates of the proposed site should be mentioned in the form-1/PFR to ascertain the precise location of site. Apparently, it also appears that the site is within the 10 Kms radius of Van Vihar, National Park (a Notified PA). However, in the Form-1 in the description of environmental sensitive area within 15 kms radius no such mention has been made. This information is vital for appraisal. PP is to mention exact distance of project site from the van vihar in the form-1. In view of above discrepancies, PP was asked to revise the Form-1 on the basis of factual information and resubmit it to SEIAA. The case is returned to SEIAA for delisting.

8. **Case No. 3348/15** Shri Mehruddin, Village-Balsamund, Tehsil-Kasrawad, District-Khargone (MP)-451228 Prior Environment Clearance for approval of Stone Deposit in an area of 4.00 ha. (8,184 cum/year) at Khasra No.-97, Village-Lodhipura, Tehsil-Dharampuri, District-Dhar (MP)

This is case of Stone Deposit mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-97, Village-Lodhipura, Tehsil-Dharampuri, District-Dhar (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, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 806 dated: 2/5/2015, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine total land area 5.00 Ha.

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 :-Aø

1. Production of Stone not exceeding 8184 m<sup>3</sup>/Year as per mine plan.
2. A natural drain exists adjacent to the mining lease area thus PP should provide garland drains all around the lease area with settling pit to prevent mine runoff in the natural drain.

- 9. Case No. 3349/15** Shri Apurv Brahmane, Village-Niwali, Tehsil-Niwali, District-Barwani (MP)-451770 Prior Environment Clearance for approval of Crusher Stone in an area of 1.250 ha. (17,460 cum/year) at Khasra No.-71, Village-Warlyapani, Tehsil-Niwali, District-Barwani (MP)

This is case of Crusher Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-71, Village-Warlyapani, Tehsil-Niwali, District-Barwani (MP) 1.250 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 433 dated: 26/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 :-Aø

1. Production of Stone not exceeding 7000 m<sup>3</sup>/Year as the shape of mine does not allow any excess production than 7000 cum/y for safe and sustainable mining and the same was agreed by PP also.

- 10. Case No. 3350/15** Shri Praveen Rathod, Village-Pisnawal, Tehsil-Sendhwa, District-Barwani (MP)-451666 Prior Environment Clearance for approval of Stone Deposit in an area of 1.00 ha. (5,820 cum/year) at Khasra No. 397 at Village-Pisnawal, Tehsil-Sendhwa, District-Barwani (MP)

This is case of Stone Deposit mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 397 at Village-Pisnawal, Tehsil-Sendhwa, District-Barwani (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 991 dated: 20/5/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Scrutiny of document reveals that the co-ordinates mentioned in mine plan are in-correct because as per these co-ordinates the ML area falls in the Maharashtra state. Thus there is no clarity on the site of the project. PP is to submit revised mining plan as per actual co-ordinates. The case is returned to SEIAA for delisting.

- 11. Case No. 3351/15** Shri Bharat Singh Sengar, 110, Dindayalpuram, LIG Colony, Tehsil-Dhar, District-Dhar (MP)-454001 Prior Environment Clearance for approval of Stone Deposit in an area of 1.40 ha. (8,184 cum/year) at Khasra No. 175/1 at Village-Miyapura, Tehsil-Dhar, District-Dhar (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 175/1 at Village-Miyapura, Tehsil-Dhar, District-Dhar (MP) 1.40 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1003 dated: 4/12/2009, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 Stone not exceeding 8184 m<sup>3</sup>/Year as per mine plan.
2. A natural drain exists adjacent to the mining lease area thus PP should provide garland drains all around the lease area with settling pit to prevent mine runoff in the natural drain.

- 12. Case No. 3359/15** Shri Rameshchandra Patidar S/o Shri Rajmal Patidar, Neem Choke Narayangarh, Tehsil-Malhargarh, Mandsaur (MP)-458339 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (6,650 cum/year) at Khasra No. 1/1 Min-2 at Village-Narayangarh, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1/1 Min-2 at Village-Narayangarh, Tehsil-Malhargarh, District-Mandsaur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 831 dated: 27/5/2015, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and total land area 7.0 Ha.

Scrutiny of documents reveals that co-ordinates are mentioned neither in Mining plan nor in Form-1. Thus committee unable to verify the location of the ML area. Thus PP was asked to submit co-ordinates of ML area duly approved by the MO/competent authority.

- 13. Case No. 3363/15** Shri K.K. Lachhe, Executive Engineer, Public Works Department, Vidisha (MP)-464001 Prior Environment Clearance for approval of proposed 350 Bedded Government Hospital at Khasra No.-732/1, 736/1, 737/1, 738/1, 739/1, 740/1, 742, Village-Vidisha, Tehsil-Vidisha, District- Vidisha (MP).

This is a case for Prior Environment Clearance for approval of proposed 350 Bedded Government Hospital at Khasra No.-732/1, 736/1, 737/1, 738/1, 739/1, 740/1, 742, Village-Vidisha, Tehsil-Vidisha, District- Vidisha (MP).

The project pertains to development of 350 bedded hospital under Category B-2, item 8 (a) of the schedule of the EIA Notification hence requires prior EC from SEIAA. Application for grant of EC was forwarded by SEIAA to SEAC for appraisal. The case was presented by the PP and their Architect in this meeting.

After deliberations, PP was asked to submit following information~~s~~ and make a presentation before the committee:-

1. Source of water supply and necessary approval form competent authority.



2. Disposal of Hazardous, Bio-Medical, Municipal wastes with specific mentioning of infectious wastes.
3. Define OT scrub & Wash.
4. Elaborate 30 Kl water requirement for miscellaneous purpose.
5. MSW collection bins should be marked on layout map.
6. Resubmit water balance chart by bifurcating infectious and non-infectious water water and their treatment and disposal plan/scheme.
7. Disposal plan of ETP sludge.
8. Location of storage area should be marked on layout map for Hazardous, Bio-Medical, Municipal wastes.
9. Land for GNM has been shown in the site layout map as a part of the project but in other maps submitted in presentation, land for GNM id not shown as a part of the project. PP should submit proper justification on above with revised layout map.
10. Details scheme of plantation in and around the periphery of area. Details regarding compensatory plantation in lieu of 434 trees which are already uprooted.

- 14. Case No. 3369/15** Smt. Chhaya Chaturvedi W/o Shri Rajendra Chaturvedi, Village-Barapatthar, District-Seoni (MP)-480882 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 2.350 ha. (11,400 cum/year) at Khasra No. 237, Village-Aloniya, Tehsil-Seoni, District-Seoni (MP)

This is case of Metal Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 237, Village-Aloniya, Tehsil-Seoni, District-Seoni (MP) 2.350 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 894 dated: 17/6/2015, has reported that there is 01 more mines operating or proposed within 500 meters around the said mine and total land area 3.55 Ha.

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 Stone not exceeding 11,400 m<sup>3</sup>/Year as per mine plan.
2. A natural drain exists on the west side of mining lease area thus PP should provide garland drains all around the lease area with settling pit to prevent mine runoff in the natural drain.

- 15. Case No. 3370/15** Shri Sunil Kumar Malviya S/o Shri Late Lakhanlal Malviya, Inside Nagar Palika Bhawan, Damua, Tehsil-Junnardeo, Chhindwara (MP)-480551 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 1.00 ha. (5,700 cum/year) at Khasra No.-20, Village-Bhourakhapa, Tehsil-Junnardeo, District-Chhindwara (MP)

This is case of Metal Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-20, Village-Bhourakhapa, Tehsil-Junnardeo, District-Chhindwara (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1185 dated: 13/3/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 Stone not exceeding 5700 m<sup>3</sup>/Year as per mine plan.
2. A natural drain exists adjacent to the mining lease area thus PP should provide garland drains all around the lease area with settling pit to prevent mine runoff in the natural drain.

- 16. Case No. 3328/15** Shri R.A. Sharma, Main Road, District-Singrauli (MP)-486889 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (22,504 cum/year) at Khasra No.-805, Village-Gorbi, Tehsil-Chitrangi, District-Singrauli (MP)

This is case of Basalt Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-805, Village-Gorbi, Tehsil-Chitrangi, District-Singrauli (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, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide

letter no. 144 dated: 22/1/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 Stone not exceeding 22,504 m<sup>3</sup>/Year as per mine plan.
2. A natural drain exists adjacent to the mining lease area thus PP should provide garland drains all around the lease area with settling pit to prevent mine runoff in the natural drain.

**17. Case No. 3331/15** Shri Sanjeev Agrawal, VP (Operations), M/s Impetus Infotech (India) Pvt. Ltd., Sarda House, 24-B, Palasia, A.B. Road, Indore (MP)-452001 Prior Environment Clearance for approval of proposed IT SEZ Park Impetus at Village-Badiya Keema, Tehsil & District-Indore (MP).

This is a building construction project comprising total plot area of 10.461 ha and total built-up area of 86464.14 m<sup>2</sup>. The project falls under category 8 (a) of the Schedule of EIA Notification, hence requires prior EC before commencement of any activity on site. The case was presented before the committee by the PP and his consultant. The submissions and the presentation revealed following aspects of the project:

The salient features of the project include: development of IT/ ITES, Residential units and supporting facilities.

#### **SITE SPECIFIC DETAILS**

<b>Particulars</b>	<b>Details</b>
Location	Survey No. 291, Village Badiya Keema, Indore, Madhya Pradesh
Type of Industry	Building & Large Construction project
Category	B, Type- 8(a)
Current status of land Use	IT SEZ development by Indore Development Authority
Type of facilities	Institutional, Residential, Commercial, Sports Complex, Hotels, School, Infirmary, Parks & Lush green open spaces
Nearest Road Connectivity	<ul style="list-style-type: none"> <li>▪ Bicholi Mardana Road: adjacent (S)</li> </ul>

	<ul style="list-style-type: none"> <li>▪ NH3 Indore Bypass Road: 3 km (W)</li> <li>▪ Kanadia Road: 4 km (NW)</li> <li>▪ NH 59A: 3 km (S)</li> <li>▪ NH 3: 8 KM (W)</li> <li>▪ Eastern Ring Road: 6 km (W)</li> </ul>
Nearest railway station	<ul style="list-style-type: none"> <li>▪ Indore Railway Station: 10 km (W)</li> </ul>
Nearest airport	<ul style="list-style-type: none"> <li>▪ Devi Ahliyabai Holkar Airport: 15.5 km (W)</li> </ul>
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	<ul style="list-style-type: none"> <li>▪ Ralamandal Sanctuary: 7.5 km (SW)</li> </ul>
Reserved/Protected Forests	<ul style="list-style-type: none"> <li>▪ Ralamandal- Devgurariya forest: 7km (SW)</li> </ul>
Rivers/Lakes	<ul style="list-style-type: none"> <li>▪ Khan River: 6 km (NW)</li> <li>▪ Saraswati River: 11 km (W)</li> <li>▪ Shipra River: 15 km (NE)</li> <li>▪ Bilawali Lake: 10 km (SW)</li> <li>▪ Pipliyapala Lake: 11 km (SW)</li> <li>▪ SirpurTalab: 15 km (W)</li> <li>▪ PiplihanaTalab: 6 km (W)</li> </ul>
Industrial Area	<ul style="list-style-type: none"> <li>▪ Sanwer Road Industrial Area: 13 km (NW)</li> <li>▪ Malwa Mill Industrial Area: 10 km (NW)</li> </ul>
STP/ Landfill site	<ul style="list-style-type: none"> <li>▪ KabirKhedi STP: 12 km (NW)</li> <li>▪ Landfill site Indore: 5 km (SW)</li> </ul>
Archaeological important places	Krishnapura Chhatris, Lalbaug Palace, Khajrana Temple, Rajwada, Annapurna Temple, Geeta Bhavan, Kanch Mandir & Bada Ganpati lie within 15 km from proposed site.
Seismic zone	Seismic Zone III
Defense installations	Indore Cantonment Area: 15 km* (SW)
<i>Note: All distances are measured aerially</i>	

### Area Details of the Project

S. No.	Items	Details		
1.	<b>Type of Building</b>	IT- Park/ Residential		
2.	<b>Total Plot Area</b>	1,04,610.0 m <sup>2</sup>		
3.	<b>Area under 30m wide, Master Plan road</b>	12,395.0 m <sup>2</sup>		
4.	<b>Net plot area</b>	92,215.0 m <sup>2</sup>		
		<b>Processing Zone</b>	<b>Non-Processing Zone</b>	<b>Total</b>
5.	<b>Net Plot Area</b>	59,018.0 m <sup>2</sup>	33,197.0 m <sup>2</sup>	92,215m <sup>2</sup>
6.	<b>Permissible ground coverage</b>	30%	30%	30%
7.	<b>Proposed Ground coverage</b>	12,593.0 m <sup>2</sup> (21.34%)	6,284 m <sup>2</sup> (18.93%)	18,877.0 m <sup>2</sup> (20.47%)
8.	<b>Circulation area</b>	18,695.0 m <sup>2</sup>	11,281.0 m <sup>2</sup>	29,976.0 m <sup>2</sup>
9.	<b>Open/park area</b>	20,598.0 m <sup>2</sup>	11,800 m <sup>2</sup>	32,398 m <sup>2</sup>
10.	<b>Open Parking area</b>	7,132.0 m <sup>2</sup>	3,832 m <sup>2</sup>	10,964 m <sup>2</sup>
11.	<b>Permissible FAR (@2)</b>	184430 m <sup>2</sup>		
12.	<b>Proposed FAR</b>	50755.48 m <sup>2</sup>	15934.56 m <sup>2</sup>	66690.04 m <sup>2</sup>
13.	<b>Non- FAR</b>	Services- 1952 m <sup>2</sup> Stilt- 9386.3 m <sup>2</sup> Podium- 5766.2 m <sup>2</sup> Total- 17104.5 m <sup>2</sup>	Services- 892 m <sup>2</sup> Basement- 1777.6 m <sup>2</sup> Total- 2669.6 m <sup>2</sup>	19774.1 m <sup>2</sup>
14.	<b>Built up Area (FAR+ Non FAR)</b>	67859.98 m <sup>2</sup>	18604.16 m <sup>2</sup>	86464.14 m <sup>2</sup>
15.	<b>Total open area</b>	73,338 m <sup>2</sup> (79.5% of net plot area)		
16.	<b>Landscape</b>	32,398 m <sup>2</sup> (35% of net plot area)		
17.	<b>No. of Trees</b>	Total no. of trees required: 1 Tree/ 100 m <sup>2</sup> of Open Area = (Total Planning Area-Ground Coverage)/100 = 73338 /100 = 733 Proposed: 750 Trees		

## Salient Feature of the project

1.	Power requirement & source	13200 kVA (@ Overall Diversity- 90% and P.F- 0.8) Source : Madhya Pradesh State Electricity Development Corporation Limited
2.	Power Backup	13210 kVA DG sets
3.	Maximum Height	Processing Zone- 30 m Non-Processing Zone- 13.65 m
4.	Parking facilities	<p><b>Processing Unit:</b>  <b>Required</b>=1 ECS per 75 sq.m of Proposed FAR= 677 ECS  25% extra provision for other vehicle parking area = 169 ECS  Total Requirement= 846 ECS  <b>Provided</b>= 846 ECS (Stilt, podium &amp; open)</p> <p><b>Non-Processing Unit:</b>  <b>Required</b> = 204 ECS  25% extra provision for other vehicle parking area = 53 ECS  Total Requirement= 257 ECS  <b>Provided</b>= 273 ECS (Basement &amp; open)</p>
5.	Estimated Population	Residential: 290 (@ 5 person per unit) Visitors: 2052 Staff/ employees: 3608
6.	Water Requirement and Source	Fresh water: 211 KLD Recycled treated water: 265 KLD Total water: 476 KLD Source: Ground water till municipal supply is available
7.	Sewage Treatment and Disposal	Amount of waste water generated : 296 KLD STP Capacity: 350 KLD (20% higher capacity) Technology: Activated Sludge Process
8.	Solid Waste Generated	Domestic waste : 1,355 kg/day Horticultural waste : 146 kg/day E- waste : 5.2kg/day Biomedical Waste: 13kg/day STP Sludge: 12kg/day

### Source of water supply

1. In construction phase, water supply will be from the private tanker suppliers and treated water from nearby colony if available.
2. The Main source of water supply in operation phase will be ground water. It will cater the domestic requirement whereas additional water requirement for flushing, landscaping and washing will be fulfilled by treated water from STP.

### Water/ Waste water Details

The waste water generated (296 KLD) during operation phase will be treated in the STP of 350 KLD at site. Waste water will be treated up to tertiary level for reuses in the complex like toilet flushing, HVAC Cooling and horticulture purposes. Rest of tertiary treated water shall be discharged into municipal sewers.	
<b>Water/ Waste water Details</b>	
Fresh Water	Domestic uses: 196 KLD Swimming Pool: 15 KLD
Flushing	90 KLD
Horticulture / Landscape (Non-monsoon requirement)	160 KLD
HVAC Cooling	15 KLD
<b>Total Water Requirement</b>	<b>476 KLD</b>
<b>Source of water</b> - Ground Water Supply / recycled water	
Waste water - 296 KLD	
STP Capacity - 350 KLD (20% extra for future expansion)	

### ENVIRONMENT MANAGEMENT PLAN

#### STP Details

FAB based Capacity: 350 KLD

#### Rainwater Harvesting

It is informed that total 03 pits shall be provided for roof top runoff water in the project

## Solid waste management

<b>Total Solid waste generated</b>	Approx. 1,355 kg/day
Horticulture Waste (@ .0037/m <sup>2</sup> /day)	146 Kg/Day
E-Waste (0.5 kg/C/Yr) (PU Employees- 3470 + NPU Employees- 138)	5 Kg/Day 0.2 kg/day
E-Waste (0.15 kg/C/Yr) (NPU Residents- 290+170)	
Biomedical Waste (0.25 kg/day/Capita)	13 Kg/Day
STP sludge (dry weight)	12 kg/day

## CONSTRUCTION DEBRIS

Recycled aggregate will be used for filler application, and as a sub base for road construction. Mixed debris with high gypsum, plaster, shall not be used as fill, as they are highly susceptible to contamination, and will be given to recyclers.

Construction contractors shall remove metal scrap from structural steel, piping, concrete reinforcement and sheet metal work from the site. A significant portion of wood scrap can be reused on site. Recyclable wastes such as plastics, glass fiber insulation, roofing etc shall be sold to recyclers.

## OPERATION PHASE

### Collection and transportation

- During the collection stage, the biodegradable and non- recyclable/ non-biodegradable waste will be stored and collected separately. A provision of 48 hours MSW storage site will be made within the site. Colored collection bins shall be provided in proper numbers
- To minimize littering and odours, waste will be stored in well-designed containers/bins using twin bin system that will be located at strategic locations to minimize disturbance in traffic flow.
- The collection vehicles will be well maintained to minimize noise and emissions, and while transporting waste, these will be covered to avoid littering.



## **Disposal**

- With regard to the disposal/treatment of waste, the hired agency will collect from campus & dispose off the waste and STP sludge at designated place of Indore Development Authority.

## **AIR ENVIRONMENT**

DG set will have appropriate stack height as prescribed by the Central Pollution Control Board

Proper ventilation will be provided to all parts of the building.

Open burning of any waste shall not be allowed.

## **NOISE POLLUTION**

Noise Emission Control Technologies: DG generator will have suitable acoustic enclosure which shall be designed for minimum 65 dB (A).

DG set will have stack height as per the CPCB formulation

Ambient Noise Monitoring shall be carried out as per direction of MPPCB

## **ENERGY CONSERVATION MEASURES**

Maximum utilization of natural light

- CFL/ LED and fluorescent lamps in the common areas.
- Use of solar lights in open areas and landscaped area with 50% dual lighting system.
- All openings are shaded to reduce heat loss.
- U-values of roof, external wall and fenestration will meet requirements as specified in the Energy Conservation Building Code (ECBC).
- The water supply pumping system will be provided with variable speed drive to conserve energy at part load.
- Compliance for Window glazing U-values if window to wall ratio is more than 30%.
- Use of BEE 4-star rated or equivalent appliances

## **FIRE & SAFETY MEASURES**

Overhead Fire storage tanks as per NBC 2005

Fire Hydrant System

Automatic Fire Alarm System

Hydrant pumps, Sprinkler pumps & Jockey pumps.

Hand Held Fire Extinguishers  
Automatic Sprinklers System  
Wet risers, Fire Extinguishers, Hose Reel.

## LAND SACPE PLAN

Total open space for landscapes proposed as 32,398 sq mt (35%) which is as per T & CP.

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:

1. Should provide an additional grit chamber in STP.
2. PP advised to go for Green Rating certificate.
3. CGWB permission shall be obtained for extraction of ground water.
4. Solar lights in common area shall be provided.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. The excess treated water shall be stored appropriately and efforts shall be made to supply this water to the construction sites for use in the construction works.

- 18. Case No. 3332/15** Shri Krishnpal Singh S/o Shri Lalsing Rajpur, Village-Mundadi, Tehsil-Malhargarh, District-Mandsaur (MP)-458664 Prior Environment Clearance for approval of Basalt Stone & Murrum Quarry in an area of 2.00 ha. (Basalt stone-9,444 & Murrum-713 cum/year) at Khasra No.-444, Village-Khokhra, Tehsil-Malhargarh, District-Mandsaur (MP)

This is case of Basalt Stone & Murrum mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-444, Village-Khokhra, Tehsil-Malhargarh, District-Mandsaur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 860 dated: 4/6/2015, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine total land area 6.00 Ha.

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 Stone not exceeding 9444 m<sup>3</sup>/Year and Murram-713 cum/year as per mine plan.

- 19. Case No. 3375/15** Shri Devender Pal Singh Chawla, M/s Shri Guru Arjun Minerals, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)-470118 Prior Environment Clearance for approval of Stone Quarry in an area of 3.00 ha. (30,000 cum/year) at Khasra No.-1109, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1109, Village-Basahari, Tehsil-Khurai, District-Sagar (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 375 dated: 7/5/2015, has reported that there is 15 more mines operating or proposed within 500 meters around the said mine total land area 24.55 Ha.

PP has three mines in the same area with project case no. 3375/15, 3377/15 and 3378/15. Considering the level of collective level of production i.e. 90,000 cum/Year and total lease area of 24.55 ha.,

After deliberations Committee decides that these case be considered as B-1 category of project following TORs were issued by the committee for regional EIA in addition to the standard TORs prescribed by the MoEF & CC:

1. Evacuation plan for cumulative quantity of 90,000 cum/Year be discussed in EIA.

- 20. Case No. 3376/15** Shri Jai Bhadur Singh R/o Nagar & Post-South Karaudiya, Taluka-Gopad Banas, District-Sidhi (MP)-486661 Prior Environment Clearance for approval of Stone Quarry in an area of 0.700 ha. (4,620 cum/year) at Khasra No.-159, Village-Bahera, Tehsil-Gopad Banas, District-Sidhi (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-159, Village-Bahera, Tehsil-Gopad Banas, District-Sidhi (MP) 0.700 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 744 dated: 23/6/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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 Stone not exceeding 4,620 m<sup>3</sup>/Year and depth of mining not exceeding as per mine plan.

- 21. Case No. 3377/15** Shri Devender Pal Singh Chawla, M/s Shri Guru Arjun Minerals, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)-470118 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (30,000 cum/year) at Khasra No.-1096/1, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1096/1, Village-Basahari, Tehsil-Khurai, District-Sagar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 376 dated: 7/5/2015, has reported that there is 15 more mines operating or proposed within 500 meters around the said mine total land area 31.26 Ha.

PP has three mines in the same area with project case no. 3375/15, 3377/15 and 3378/15. Considering the level of collective level of production i.e. 90,000 cum/Year and total lease area of 24.55 ha.,

After deliberations Committee decides that these case be considered as B-1 category of project following TORs were issued by the committee for regional EIA in addition to the standard TORs prescribed by the MoEF & CC:

1. Evacuation plan for cumulative quantity of 90,000 cum/Year be discussed in EIA.

- 22. Case No. 3378/15** Shri Devender Pal Singh Chawla, M/s Shri Guru Arjun Minerals, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)-470118 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (30,000 cum/year) at Khasra No.-939/2, Village-Basahari, Tehsil-Khurai, District-Sagar (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-939/2, Village-Basahari, Tehsil-Khurai, District-Sagar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 377 dated: 7/5/2015, has reported that there is 15 more mines operating or proposed within 500 meters around the said mine total land area 31.26 Ha.

PP has three mines in the same area with project case no. 3375/15, 3377/15 and 3378/15. Considering the level of collective level of production i.e. 90,000 cum/Year and total lease area of 24.55 ha.,

After deliberations Committee decides that these case be considered as B-1 category of project following TORs were issued by the committee for regional EIA in addition to the standard TORs prescribed by the MoEF & CC:

1. Evacuation plan for cumulative quantity of 90,000 cum/Year be discussed in EIA.

- 23. Case No. 3380/15** Shri Hemant Thakur S/o Shri Narayan Singh Thakur, 23, Royal Residency, Piplyahana, District-Indore (MP)-452001 Prior Environment Clearance for approval of Basalt Stone & Murram Quarry in an area of 2.425 ha. (Stone-17,259 & Murram-1,569 cum/year) at Khasra No.2617, Village-Kampel, Tehsil-Indore, District-Indore (MP)

This is case of Basalt Stone & Murram mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at at Khasra No.2617, Village-Kampel, Tehsil-Indore, District-Indore (MP) 2.425 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 396 dated: 09/4/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Scrutiny of documents reveals that co-ordinates mentioned in mine plan are different than the co-ordinates mentioned in the surface map attached with the mine plan. PP was asked to submit surface plan with correct co-ordinates as per mine plan duly authenticated by competent authority.

24. Case No. 3382/15 Shri Manoharlal Bhandari S/o Shri Shantilal Bhandari, Village-Dev Jhiripanda, Tehsil & District-Jhabua (MP) Prior Environment Clearance for approval of Stone Deposit in an area of 3.950 ha. (31,350 cum/year) at Khasra No -605, 606, 613-618, 620, & 622, Village-Dev Jhiripanda, Tehsil-Jhabua, District-Jhabua (MP)

This is case of Stone Deposit mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No -605, 606, 613-618, 620, & 622, Village-Dev Jhiripanda, Tehsil-Jhabua, District-Jhabua (MP) 3.950 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 374 dated: 12/6/2015, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

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. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

25. Case No. 3383/15 Smt. Varsha Sood W/o Shri Atul Sood, Azad Nagar, Ujjain (MP)-456001 Prior Environment Clearance for approval of Stone Quarry in an area of 1.00 ha. (2,000 cum/year) at Khasra No -163/2, 164/2, 165, Village-Chakjairampur, Tehsil-Ujjain, District-Ujjain (MP)

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No -163/2, 164/2, 165, Village-Chakjairampur, Tehsil-Ujjain, District-Ujjain (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1500 dated: 27/5/2015, has reported that there is 12 more mines operating or proposed within 500 meters around the said mine and total land area 17.250 Ha.

Scrutiny and the presentation made by the PP revealed that it is an existing mine which has already been excavated but this fact has not been depicted on the concerned surface map attached with the mine plan. PP was asked to submit the revised surface plan duly approved by the competent authority.

Meeting ended with thanks to the Chair and the members.

**[Dr. R.B. Lal, Chairman]**

**[A.A. Mishra, Secretary]**