

The 373<sup>rd</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 24<sup>th</sup> May, 2019 under the Co-Chairmanship of Dr. R. Maheshwari for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.

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

**1. Case No. – 6224/2019 Shri Pramod Kumar Shukla, 129, Malviya Nagar, Near Chamber, Commerce, Tehsil - Huzur, Dist. Bhopal, MP Prior Environment Clearance for Manganese Ore Mine in an area of 4.25 ha. (85306 cum per annum) (Khasra No. 171/1,172/2, 171/3 & 172/3 Gha), Village - Sitapathore, Tehsil - Tirodi, Dist. Balaghat (MP)**

This is case of Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 171/1,172/2, 171/3 & 172/3 Gha), Village - Sitapathore, Tehsil - Tirodi, Dist. Balaghat (MP) 4.25 Ha. The project requires prior EC before commencement of any activity at site.

The Executive Summary of the project submitted by the PP is given below:-

Proposed Manganese Ore Mining Project of Sitapathore Manganese Mine located at Khasra No. 171/1,172/2,171/3 & 172/3 at Village- Sitapathore, Taluka- Katangi, Tehsil- Tirodi, District- Balaghat, M.P. Sanctioned Lease Area: 4.25 ha.

- Nature of mineral- Manganese Ore (Major Mineral Ferro alloy/ Silico manganese Grade)
- Date of issuance of Letter of Intent: 07.12.2005
- Mining Lease has been sanctioned for 20 years with effect from 06.01.2006 to 05.01.2026.
- Last scheme of Mining proposal period: 2011-12 to 2015-16 (approved proposal period: 11.01.2013 to 31.03.2016, Approved RMP- 07.03.2019)
- Present review of mining plan period: 2016-17 to 2020-21 (approval from 2018-19 to 2020-21)
- Date of issuance of Cluster certificate: 18.04.2019
- Mining activities completely stopped from 2015-16

- Existing Pit in centre of mining lease area depth 3 to 24 m (300 mRL -276 mRL)
- Broken area – 2.5 ha x 3-24 m
- Applied through Form-1, PFR & TOR for the grant of EC on 24/April/2019 as per MoEF's Notification 14.09.2006 (as amended) under category B1.
- Previous working under Scheme of Mining: 2013 to 2015-16
- Sub Category : B1
- Project Cost: Approx. 59 Lacs.
- Type of Land of mining lease area : Non Forest, Government Waste land with rugged and undulated topography
- As per LOI the sanctioned mining lease is for 20 years and mine plan of the proposed project is prepared & approved for 03 years, the TOTAL TENTATIVE EXCAVATION is tabulated as under:

Year	Total excavation in m <sup>3</sup>	Top Soil/ Scree (cum)	Waste Rock/ Intercalated waste (cum)	Total OB/ SB/ TB (cum)	ROM (cum)		OB/waste: ROM (cum)
					Ore in cum	Mn Ore in MT	
1 <sup>st</sup>	36,131	7,459	28,819	36,278	786	2,359	1:46.0
2 <sup>nd</sup>	8,656	Nil	8,942	8,942	1,523	4,570	1:5.9
3 <sup>rd</sup>	40,519	1,972	38,975	40,947	2,284.6	6,854	1:22
Total	85,306	9,431	76,736	86,197	4,594	13,783	

- Estimated Probable Mineral Reserve (121 & 122) – 15,252, MT Manganese
- Production under Scheme of mining (2011-2016) – 724.82, MT Manganese
- Balance Reserve- 14,527.18, MT Manganese
- Proposed Quantity under proposed period (2018-19 to 2020-21) – 4,594, cum Manganese

#### **Mining methodology**

- Open Cast, day time dry season, OTFM

- Mining activities as per mining laws & guidelines & as per approved mine plan.
- Excavation of mineral to be carried out in the bench form with vertical angle <45°.
- Sanctioned Mining lease area 4.25 ha.
- Broken area 2.50 ha x 3 to 24 m.
- Area under use RMP period 2.96 ha.
- Proposed depth – 286 mRL to 282 mRL.
- Area under use at the end of mine life 2.964 ha.
- Loading and transportation through loaders and tippers.
- PPE to all workers.
- Mined mineral will be supplied to Ferro alloy/ Silico manganese industries.

The case was presented by the PP and their consultant. During presentation PP submitted that they have started the monitoring at site and presented the data collected so far with photographs of locations and average values recorded so far. Committee after deliberations decided that PP shall carryout one month additional monitoring and heavy metals shall also be analyzed in the soil samples. After deliberation being it's a case of major mineral hence, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per conditions mentioned in Annexure-D:-

1. Old year-wise production details from the year 2006-2014.
  2. Compliance of consent conditions of M. P. Pollution Control Board from the concerned Regional Office.
  3. Year-wise details of minerals already excavated till date should be submitted with EIA report.
  4. Commitment from the PP that the mining shall be done by O/c method only.
2. **Case No. – 6194/2019 Shri Ajay Kumar Pathak, Chayanakyapuri, Semaria Chowk, PO & Dist. Satna, MP – 485001 Prior Environment Clearance for Limestone Mine in an area of 16.264 ha. (Limestone - 768673 tonne per annum, Reject Stone – 2,50,000 tonne per annum) (Khasra No. 234, 235, 237), Village - Hinauta, Tehsil - Baghelan, Dist. Satna (MP)**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 234, 235, 237), Village - Hinauta, Tehsil -

Baghelan, Dist. Satna (MP) 16.264 Ha. The project requires prior EC before commencement of any activity at site.

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

3. **Case No. – 6225/2019 Shri Naval Kishore Gupta, R/o Hanuman Santar Chowk, Bajaj Khana, Murar, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (84173 cum per annum) (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (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. QL 63 dated: 02/07/15 has reported that there are 24 more mines operating or proposed within 500 meters around the said mine with total area of 43.828 ha., including this mine.

The case was presented by the PP and their consultant being it's a case Stone Quarry with total area of 43.828 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. Year wise details of minerals already excavated till date should be submitted with EIA report.
2. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
3. Level of mechanization should be discussed in the EIA report.
4. Hydro geological study should be carried out if ground water intersection is proposed.

5. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
6. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
7. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
8. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
9. Air pollution control measures adopted by each mine and crusher in the cluster.
10. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
11. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at main evacuation road and Billaua village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body i.e. Udalpara Tal.
12. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
13. Photography and Videography should also be done during collection of baseline data.
14. Noise Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at Naktapata square and nearby water body.
  - (c) Three monitoring station within the cluster area near installed crushers.

15. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
  16. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
  17. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
  18. A drainage plan for entire cluster and surface run off management plan.
  19. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
  20. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
  21. Public consultation be conducted as per EIA Notification, 2006.
  22. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
  23. Provide details of court cases/ litigations pending, if any.
4. **Case No. – 6231/2019 M/s Mahakaal & Company, Shri Kishore Khatik, Village - Motijheel, Tehsil - Murar, Dist. Gwalior, MP – 475110 Prior Environment Clearance for Stone Quarry in an area of 4.944 ha. (245837 cum per annum) (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 134), Village - Rafadpur, Tehsil - Dabra, Dist. Gwalior (MP) 4.944 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 77 dated: 02/07/19 has reported that there are 19 more mines operating or proposed within 500 meters around the said mine with total area of 42.065 ha., including this mine.

The case was presented by the PP and their consultant being it's a case Stone Quarry with total area of 42.065 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. Year wise details of minerals already excavated till date should be submitted with EIA report.
2. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional Office.
3. Level of mechanization should be discussed in the EIA report.
4. Hydro geological study should be carried out if ground water intersection is proposed.
5. Status of all court cases (with summery of all the directions and compliances made) issued by honorable Courts.
6. A list of all the mines located in the Billaua, Rafadpur and Chirpura cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.
7. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry and other mines etc located within 5 km radius of the cluster.
8. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
9. Air pollution control measures adopted by each mine and crusher in the cluster.
10. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
11. Ambient Air Quality Monitoring on following locations be conducted for one season (winter):-

- (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at main evacuation road and Billaua village road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body i.e. Udalpara Tal.
12. Furnish the name and production of the each mine within 01 kms radius that were in operation during the base line data collection.
13. Photography and Videography should also be done during collection of baseline data.
14. Noise Monitoring on following locations be conducted for one season (winter):-
- (a) Three monitoring station one each at three nearby villages i.e. Billaua, Rafatpur & Chirpura.
  - (b) Two monitoring station one each at Naktapata square and nearby water body.
  - (c) Three monitoring station within the cluster area near installed crushers.
15. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map, measures taken for stabilization of dump, photographs of OB dump and proposed OB management plan for entire cluster.
16. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
17. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
18. A drainage plan for entire cluster and surface run off management plan.
19. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be allowed in the cluster without causing any adverse impact on ground water and extent up to which mining can be allowed near surface water body.
20. Proposed plantation scheme and If plantation is proposed outside the lease area also, commitment of district administration is also required.
21. Public consultation be conducted as per EIA Notification, 2006.
22. In addition to EMP for entire cluster in the EIA report a site specific EMP for each mine should also be prepared and submitted separately.
23. Provide details of court cases/ litigations pending, if any.



5. **Case No. – 6167/2019 Shri Aashish Verma, A-114, Alkapuri, Tehsil - Ratlam, Dist. Ratlam, MP SIA/MP/MIN/34230/19 Prior Environment Clearance for Stone Quarry in an area of 1.3 ha. (10185 cum per annum) (Khasra No. 172, 173), Village - Sarwani Khurd,, Tehsil - Ratlam, Dist. Ratlam (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 172, 173), Village - Sarwani Khurd, Tehsil - Ratlam, Dist. Ratlam (MP) 1.3 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. 2045 dated: 05/02/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 8.4 ha., including this mine.

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

6. **Case No. – 6121/2019 M/s Shree Marble, Plot No. 186, Nalanda College, Mahaveer Nagar, Dist. Katni, MP – 483501 Prior Environment Clearance for Marble Mine in an area of 4.900 ha. (10000 cum per annum) (Khasra No. 580/1), Village - Papredi, Tehsil - Beohari, Dist. Shahdol (MP)**

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 580/1), Village - Papredi, Tehsil - Beohari, Dist. Shahdol (MP) 4.900 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, as per Ekal Praman Patra 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. 667 has reported that there are 01 more mines area 4.50 ha., proposed within 250 meters around the said mine with total area of 9.40 ha., including this mine.

The case was presented by the PP and their consultant, being it's a case marble Quarry with total area of 9.40 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. The mining is proposed on hill of 21 meters height thus, there is a serious issue of slope stability and deployment of men and machine, slight careless may threat to life of labours hence, appropriate mining method and safety measures to men and machine should be elaborated in the EIA report.
  2. Obtain a fresh MP certificate for leases existing within 500 meters radius of this lease.
  3. Inventory of the trees with their respective girth.
  4. Permission shall be enclosed in the EIA report to be obtained from the competent authority of proposed tree felling.
  5. For Environmental Quality Monitoring stations should be as: For Air- 08 (two station on evacuation road), G.W. - 08, noise - 08, Soil – 08, the dominant all heavy metals analysis should be conducted in the all the soil samples.
  6. In the bottom of the hill and 66 meters in the south from the lease water retain structure is seen in the Google image , provision of settling tanks and garland drain of appropriate capacity proposed in the EIA report.
  7. Slurry Management Plan detail out in the EIA report.
7. **Case No. – 6160/2019 Sarpanch, Gram Panchayat, Village - Malhargarh, Tehsil - Mungaoli, Dist. Ashok Nagar, MP – Prior Environment Clearance for Sand Quarry in an area of 3.20 ha. (42,120 cum per annum) (Khasra No. 826/1), Village - Malhargarh, Tehsil - Mungaoli, Dist. Ashok Nagar (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 826/1), Village - Malhargarh, Tehsil - Mungaoli, Dist. Ashok Nagar (MP) 3.20 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. 227 dated: 29/03/19 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed by committee that more than >60% submerged into the water. After presentation PP was asked to submit following information:-

1. Revised production map showing minable area on Google image.

Vide letter dated 24.05.2019, PP has submitted the desired information, which was placed before the committee. Committee observed that as per the revised production plan submitted by PP 1.33 ha area is available for mining and with the sanctioned depth of 02 meters, 26,660 cum sand evacuation is possible. Thus leaving safe area from bank, 25,000 cum/year sand can be evacuated. The EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production shall be as per mine plan with quantity not exceeding for Sand 26,660 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 06.56 Lakhs as capital and Rs. 3.93 Lakh/year. Under total CER proposed Rs. 0.50 Lakh shall be spent in the five years.

**8. Case No. - 5953/2019 Sarpanch, Gram Panchayat, Village - Padhoura, Tehsil - Raun, Dist. Bhind, MP – 477001 Prior Environment Clearance for Sand Mine in an area of 5.00 Ha. (1,25,000 cum per annum) (Khasra No. 22), Village - Padhoura, Tehsil - Gohad, Dist. Bhind (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 22), Village - Padhoura, Tehsil - Gohad, Dist. Bhind (MP) 5.0 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 Officer letter No. 7145 dated: 24/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled again for presentation in the SEAC meeting 354<sup>th</sup> SEAC meeting & 360<sup>th</sup> SEAC 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 the presentation 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 the 354<sup>th</sup> SEAC meeting & 360<sup>th</sup> SEAC meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**9. Case No. - 5936/2019 Sarpanch, Gram Panchayat, Village - Mowad, Tehsil - Khairlanji, Dist. Balaghat, MP Prior Environment Clearance for Sand Mine in an area of 4.202 Ha. (94,545 cum per annum) (Khasra No. 209/1 Part), Village- Mowad, Tehsil - Khairlanji, Dist. Balaghat (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 209/1 Part), Village- Mowad, Tehsil - Khairlanji, Dist. Balaghat (MP) 4.202 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: NIL has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation in the 353<sup>rd</sup> SEAC meeting dated 19-03-19 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 again for presentation wherein it is recorded that 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 353<sup>rd</sup> SEAC meeting dated 19-03-19. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**10. Case No. – 6238/2019 Shri Gaurav Singh Baghel S/o Shri Rajendra Singh Baghel, 164, Navjeevan Vihar, Post - Vindhya Nagar, Dist. Singrauli, MP – 486882 Prior Environment Clearance for Stone Quarry in an area of 1.42 ha. (20198 cum per annum) (Khasra No. 225/1/1, 225/2/4, 225/1/5), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 225/1/1, 225/2/4, 225/1/5), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP) 1.42 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 Tehsildar Office letter No. NIL dated NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine.

It was observed during presentation that in the DFO, NOC vide letter no 4642 dated 07/12/2018 forest area is at a distance of 150 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 01.03.2019 .

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>Remarks</b>
Tree	Within lease		Inventory of trees
Natural Drain	15 meters.	SE	A setback of 35 meters shall be left from the natural drain in the lease. Protection wall of stone which shall be 1.5 meters height towards natural drain to protect lease from water inundation.
Pond	>200	NE	Provision of garland drain and settling tanks.
Pakki Road	>300	NE	Three rows of plantation
Isolated hutments	200 meters radius	NW and western side	

After presentation PP was asked to submit following information:-

1. Complete minutes of the meeting of Divisional Commissioner Level Forest Committee.
2. Revised EMP.
3. Revised CER.

Vide letter dated 24.05.2019, 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 20,198 cum/annum.
2. A setback of 35 meters shall be left from the natural drain in the lease.
3. A budgetary provision for Environmental management Plan of Rs. 9.775 Lakhs as capital and Rs. 3.16 Lakh/year. Under total CER proposed Rs. 9.61 Lakh shall be spent in the five years.

**11. Case No. – 6170/2019 Shri Kuldeep Dubey S/o Shri B.S.Dubey, D.H. - 59, Dindayal Nagar, Dist. Gwalior, MP – 466446 Prior Environment Clearance for Flag Stone Quarry in an area of 1.0 ha. (6000 cum per annum) (Khasra No. 116, 121, 122, 124), Village - Rehti, Tehsil - Ghati Gaon, Dist. Gwalior (MP)**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 116, 121, 122, 124), Village - Rehti, Tehsil - Ghati Gaon, Dist. Gwalior (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. Q1 21 dated: 26/8/2016 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, 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>Remarks</b>
Pakki Road	>200	South	Three rows of plantation
Water body	>500	West	Provision of garland drain and settling tanks

PP stated that no drilling and blasting is proposed only mining shall be carried out. After presentation the committee asked to submit following details:

- Revised EMP.
- Revised CER.

Vide letter dated 24.05.2019, 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 flagstone 6,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.29 Lakh as capital and Rs. 1.19 Lakh/year. Under CER Rs. 0.25 Lakh/years has proposed.

**12. Case No. – 6091/2019 Shri Neelesh Pandey, S/o Shri Ramavtar Pandey, Pawai, Tehsil - Pawai, Dist. Panna, MP Prior Environment Clearance for Flagstone Quarry in an area of 1.25 ha. (10,817 cum per annum) (Khasra No. 47/2), Village - Kadhna, Tehsil - Pawai, Dist. Panna (MP)**

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 47/2), Village - Kadhna, Tehsil - Pawai, Dist. Panna (MP) 1.25 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. 2263 dated: 08/2/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in the 362<sup>nd</sup> SEAC meeting dated 15-04-19 but, neither the Project Proponent (PP) nor his authorized 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 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.

The case was presented by the PP and their consultant wherein it was observed during presentation that in the DFO letter vide 875 dated 15/02/2018 forest area is at a distance of 47 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 24.03.2018 .

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>Remarks</b>
Natural Drain	50	NE	Garland drains & settling tanks.

During presentation it was submitted by PP that being case of flagstone mining, no drilling and blasting is proposed and only mining shall be carried out. It was also observed that some part of lease having very narrow area and only one bench working is possible considering its width. PP submits that in this area only one bench will be worked out. After presentation the committee asked to submit following details:

- Commitment that only one bench should be proposed in the narrow part of the lease area.
- Revised location of settling tank towards natural drain site.
- Revised EMP & CER.

Vide letter dated 24.05.2019, 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 10,817 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.54 Lakh as capital and Rs. 1.56 Lakh/year. Under CER Rs. 0.25 Lakh/years has proposed.

**13. Case No. – 6163/2019 Smt. Rekha Merawat, Nawapada, Meghnagar, Dist. Jhabua, MP – 457779 Prior Environment Clearance for Stone Quarry in an area of 1.307 ha. (14550 cum per annum) (Khasra No. 224, 225), Village - Nawapada,, Tehsil - Meghnagar, Dist. Jhabua (M.P).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 224, 225), Village - Nawapada,, Tehsil - Meghnagar, Dist. Jhabua (MP) 1.307 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. 306 dated: 06/02/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.507 ha., including this mine.

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>Remarks</b>
Pakki road	>180	NW	--
Natural Drain	>140	South	--

After presentation the committee asked to submit following details:

- Copy of agreement in the name of PP.
- Revised plantation scheme.

Vide letter dated 24.05.2019, 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 14,550 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.9455 Lakh as capital and Rs. 2.9741 Lakh/year. Under CER Rs. 0.70 Lakh/years has proposed.

**14. Case No. – 6164/2019 Smt. Renu Singh W/o Shri Amit Singh, Village - Adaipur, Post - Kamarji, Tehsil - Churhat, Dist. Sidhi, MP – 486771 Prior Environment Clearance for Stone Quarry in an area of 1.60 ha. (21349 cum per annum) (Khasra No. 155/2), Village - Harrai Gujraan,, Tehsil - Mauganj, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 155/2), Village - Harrai Gujraan,, Tehsil - Mauganj, Dist. Rewa (MP) 1.60 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. 3364 dated: 03/04/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, 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>Remarks</b>
Stop Dam	>500	North	Provision of additional settling tanks in EMP at end of the north-east corner of the lease.
Natural Drain	>400	North-East	
Road	10	North	Thick plantation

After presentation the committee asked to submit following details:

- Photographs of the road which very close to the lease in the north side as pp submitted that it's a kachha road.
- Revised EMP includes cost of water requirement & VT.
- Revised CER with name of villages.
- Commitment from PP that crusher will not be installed in the lease area.

Vide letter dated 24.05.2019, 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 21,349 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.90 Lakh as capital and Rs. 1.86 Lakh/year. Under CER Rs. 0.30 Lakh/years has proposed.

**15. Case No. – 6198/2019 M/s Aadi Enterprises, Shri Prakash Chand Jain, Sanjay Nagar, Bichiya, Dist. Mandla, MP – 481661 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.56 ha. (5,004 cum per annum) (Khasra No. 462), Village - Sagar, Tehsil - Mandla, Dist. Mandla (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 462), Village - Sagar, Tehsil - Mandla, Dist. Mandla (MP) 1.56 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. 625 dated: 16/04/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.11 ha., including this mine.

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>Remarks</b>
Road	>55	South	Thick plantation
Pakki road	>200	South -west	Thick plantation
Settlement	>200	South- west	Three rows of plantation
Trees	Within lease	-	Commitment from PP to take permission from the competent authority if any trees failing proposed.
Crusher	Within lease	-	Commitment from PP to shift crusher from present position to nearby old lease .

After presentation the committee asked to submit following details:

- Commitment from PP that crusher will not be installed in the lease area.
- Copy of lease agreement.
- Revised plantation scheme for three rows on SW side.
- Copy of consent of crusher installed in the lease.
- Revised EMP includes cost of water requirement & VT.
- Revised CER with name of villages.

Vide letter dated 24.05.2019, 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 5,004 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.62 Lakh as capital and Rs. 2.61 Lakh/year. Under CER Rs. 0.30 Lakh/years has proposed.

**16. Case No. – 6180/2019 Shri Prakash Trivedi, Ward No. 21, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Sand Quarry in an area of 3.30 ha. (80726 cum per annum) (Khasra No. 327/2/1, 330/1/2), Village - Fatepur, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 327/2/1, 330/1/2), Village - Fatepur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.30 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. 1965 dated: 09/4/19 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 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.

**17. Case No. – 6183/2019 M/s. Karm Sai Mining Works Pvt. Ltd, House No. 18, Sector-5, Park City, Katara Hills, Tehsil - Huzur, Dist. Bhopal, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (25000 cum per annum) (Khasra No. 1044), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1044), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (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. 1723 dated: 27/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.50 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the lease is situated on the hillock and the elevation difference is about 15 meters and following other 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>Remarks</b>
Trees	Within lease	-	Commitment from PP to take permission from the competent authority if any trees failing proposed.
Natural drain	>200	North -west	Provision of settling tanks and garland drain.

After presentation the committee asked to submit following details:

- Commitment from PP to take permission from the competent authority if any trees failing proposed.
- Revised EMP includes cost of water requirement & road maintenance.

Vide letter dated 24.05.2019, 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 25,000 cum/annum.
2. Proper safety precautions shall be taken by the PP during deployment of men and machine for extraction of stone on the hill.
3. A budgetary provision for Environmental management Plan of Rs. 15.71 Lakh as capital and Rs. 1.43Lakh/year. Under CER Rs. 0.80 Lakh/years has proposed.

**18. Case No. – 6205/2019 Shri Mufti Mohammad S/o Shri Chand Mohammad, Saleha, Tehsil - Gunour, Dist. Panna, MP – 488001 Prior Environment Clearance for Flag Stone Quarry in an area of 1.0 ha. (2500 cum per annum) (Khasra No. 250/9), Village - Bijadeh Khilsari, Tehsil - Gunour, Dist. Panna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 250/9), Village - Bijadeh Khilsari, Tehsil - Gunour, Dist. Panna (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. 665 dated: 10/04/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.30 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP following other 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>Remarks</b>
Natural drain	>180	North	Provision of settling tanks and garland drain.

During presentation, PP submitted that no blasting is proposed being flag stone quarry. After presentation the committee asked to submit following details:

- Copy of lease agreement.

Vide letter dated 24.05.2019, 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 2,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 3.89 Lakh as capital and Rs. 0.965 Lakh/year. Under CER Rs. 0.30 Lakh/years has proposed.

**19. Case No. – 6197/2019 Shri Kuldeep Udayniya, S/o Shri Kripashankar Udayniya, Village - Simrapari, Dist. Katni, MP – 483330 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (6000 cum per annum) (Khasra No. 139), Village - Nittarrii, Tehsil - Sagar, Dist. Sagar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 139), Village - Nittarrii, Tehsil - Sagar, Dist. Sagar (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. 538 dated: 13/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP following other 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>Remarks</b>
Pakka Road	>30	South	20 meters setback as no mining area.
Canal	>400	West	Provision of settling tanks and garland drain.

PP stated that crusher is proposed but it shall be located from the 100 meters away from the road. After presentation the committee asked to submit following details:

- Revised EMP includes cost of fencing length & VT.



- Revised MO certificate as in the submitted certificate 02 mines are mentioned but area of only one mine is given.
- Commitment that crusher shall be located from the 100 meters away from the road.

**20. Case No. – 6235/2019 Shri Jitendra Singh S/o Shri Ram Niranjana Singh, Badi Dhobia, Korkinak, Dist. Fatehpur, UP Prior Environment Clearance for Sand Quarry in an area of 0.80 ha. (12294 cum per annum) (Khasra No. 48/13, 48/22), Village - Mawaighat, Tehsil - Gaurihar, Dist. Chhatarpur (MP).** T.P.

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 48/13, 48/22), Village - Mawaighat, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 0.80 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 Mining Surveyor, Chhatarpur letter No. NIL dated: 06/12/18 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 2.985 ha., including this mine.

The case was presented by the PP and their consultant, this is a khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following detail:

- Revised EMP adding cost water.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence Committee after deliberation found that the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 12,294 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.475 Lakh as capital and Rs. 4.58 Lakh/year. Under CER Rs. 0.77 Lakh/year has proposed.

**21. Case No. – 6255/2019 Shri Vijay Raj Dwivedi S/o Late Shri Ram Dutt Dwivedi, D-77, New Minal Residency, J.K.Road, Dist. Bhopal, MP Prior Environment Clearance for Sand Quarry in an area of 1.618 ha. (32685 cum per annum) (Khasra No. 48/14/3/2, 48/14/3/5), Village - Mawaighat, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 48/14/3/2, 48/14/3/5), Village - Mawaighat, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.618 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. 749 dated: 06/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 2.985 ha., including this mine.

The case was presented by the PP and their consultant, this is a khodu bharu mine and the lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following detail:

- Cost of water include in the EMP.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence Committee after deliberation found that the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 32,685 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.60 Lakhs as capital and Rs. 5.20 Lakhs/year. Under CER Rs. 1.0 Lakh/years has proposed.

**22. Case No. – 6090/2019 M/s Naveen Infratech Pvt. Ltd, 617/1604, Digdiga, Vishal Khand-1, Opposite 1/736, Gomti Nagar, Lucknow, UP – 226010 Prior Environment Clearance for Granite Quarry in an area of 2.250 ha. (1,35,564 cum per annum) (Khasra No. 479, 484, 485), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP)**

This is case of Granite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 479, 484, 485), Village - Lausi, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.250 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. NIL dated: 10/12/2018 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 20.271 ha., including this mine.

The case was scheduled for presentation but, neither the Project Proponent (PP) nor his authorized 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 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.

The case was scheduled again for presentation wherein it is recorded that 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 362<sup>nd</sup> SEAC meeting dated 15/04/2019. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**23. Case No. – 6195/2019 Executive Engineer, Office of the Executive Engineer, Water Resources Division, Narsinghgarh, Dist. Rajgarh, MP Prior Environment Clearance for Suthaliya Irrigation Project at Village - Beard, Tehsil - Biaora, Dist. Rajgarh (MP) .**

This is case of Suthaliya River Valley Project. The application was forwarded by SEIAA to SEAC for appraisal. The irrigation project is proposed on River Parbati near Berar village of Biaora tehsil in Rajgarh district. Gross storage capacity - 201.35 MCM, live storage capacity of 183.70 MCM, Cultivable Command Area – 49,800 ha, Catchment Area - 4206 Sq.Km., Intercepted Catchment Area 3428.21Sq.Km, Net Catchment Area is 777.79 Sq.Km, Height of dam (m) - 25.00 , Length of Main Dam including Earthen Bund(m) - 4705.00 , Length of spillway(m ) - 412.00 . The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant . The PP presented the salient features of the project which are as follows:-

**Project Details :**

- CCA : 49,800 ha
- Project : River Valley Projects 1(c)
- Category: “B”

**Location Details:**

S. NO.	Details	Suthaliya Irrigation Project
1	Latitude	77°10'23"N
2	Longitude	23°57'30"E
3	State	Madhya Pradesh
4	District	Rajgarh
5	Tehsil & Block	Biaora
6	River	Parbati
7	Accessibility	38 Km From Biaora Tehsil District Rajgarh

**Detail of Submergence Area:**

Private land	3580.26 Ha
Government land	637.47 Ha.
Forest Land	Nil
Total	4217.73 Ha
Family affected	852 nos.

**BRIEF DISCUSSION OF THE PROJECT**

- Suthaliya Irrigation Project is proposed on River Parbati near Berar village of Biaora tehsil in Rajgarh district .

- The project is envisaged to have a Gross storage capacity of 201.35 MCM and live storage capacity of 183.70 MCM.
- Irrigation Benefit:-
- ❖ Land of 152 No. villages of Biaora and Narsingharh Tehsil of Rajgarh District will be irrigated through Pressurised Pipe Canal Network.

**RESERVOIR DATA:**

S.NO.	Particulars	Value
1.	Top of bund level(m)	R.L. 431.00
2.	Maximum Water Level(m)	R.L. 427.00
3.	Full Reservoir Level (m)	R.L. 427.00
4.	Crest level (m)	R.L. 415.00
5.	Deepest river bed level (m)	R.L. 406.00
6.	Top width of dam (m)	7.50
7.	Height of dam (m)	25.00
8.	Gross storage (MCM)	201.35
9.	Live storage (MCM)	183.70
10.	Dead storage (MCM)	17.65
11.	Length of Main Dam including Earthen Bund(m)	4705.00

12.	Length of spillway(m )	412.00
13.	No. of spillway gates	19(15m*12m)

**Hydrology:**

- Catchment area of the river at dam site is 4206 Sq.Km.
- Intercepted Catchment Area 3428.21Sq.Km. is and net Catchment Area is 777.79 Sq.Km.
- Total 75% dependable yield from the catchment is 925.32 MCM .
- Upstream use by Parbati Project – 171 MCM
- Net available Yield at Project Site - 754.32 MCM
- Yield proposed to be utilise by project – 201.35 MCM.
- Surplus Yield - 552.97 MCM
- Designed flood has been worked out by Synthetic unit hydrograph approach ( CWC, Sub zone 1 (c)) as 21804.83 Cumec.
- Rajgarh district is in Earthquake Zone-III.

**Villages Under Submergence:**

- Land of 53 villages of Dist Rajgarh, Bhopal, Guna and Sehore are affected.
- 2 villages (Raghunathpura and Tejakhedi) of Guna district are fully submerged.
- 9 villages of Rajgarh district and 5 villages of Bhopal district are partially submerged.

**Resettlement and Rehabilitation Plan:**

- ▶ The Land Acquisition and Resettlement shall be done in accordance with the “The Right to Fair Compensation and Transparency in Land Acquisition ,Rehabilitation and Resettlement Act,2013”

After presentation, the committee after deliberations decided that following additional TORs along with standard TOR issued by the MoEF&CC for conducting the EIA along with following additional TOR's and as per conditions mentioned in Annexure-D:-

1. The project involve R&R hence the Land Acquisition and Resettlement shall be done in accordance with the “The Right to Fair Compensation and Transparency in Land

Acquisition ,Rehabilitation and Resettlement Act,2013” and their related of published section shall be submitted along with the EIA.

2. Details of area under submergence should be discussed in the EIA along with details of incremental benefits associated with this project.
3. If there is any mining activity in the area, same should be discussed in the EIA report.
4. As area under submergence includes forest land, PP should obtain forest clearance and provide status in the EIA report.
5. Aerial distance of interstate boundary from the project duly verified by the competent authority site should be submitted.
6. Cost benefit analysis including environmental factors should be given in the EIA report.
7. Green belt plan and catchment area treatment plan be provided in the EIA report.
8. Inventory of existing trees and their management should be provided in the EIA report.
9. It was also suggested by the committee that PP should explore the possibility of reducing the submergence of forest area.

### **Query Reply Discussion:**

**24. Case No. - 5583/2017 Executive Engineer, Water Resources Department, Water Resources Division No. 1, Sagar, (M.P.) R Environment Clearance for Kadan Medium Irrigation Project at Village Ekpana Basona, Distt. - Sagar, (M.P.) CCA – 9990 ha. Cat. 1(c) River Valley Projects.**

This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

The case was presented by the PP and their consultant in the 297<sup>th</sup> SEAC meeting dated 08-11-17. or issuing of TOR to carryout EIA studies with site specific details. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Since project involves 248.76 ha forest area, FC clearance should be obtained. PP should indicate the status of FC clearance in EIA report. PP has submitted the online application with reference no. FP/MP/IRRIG/23086/2016 Dated 18/08/2017 and submitted the copy of the same.

2. Detailed survey and impact on wild life and flora & fauna should be studied and reported in the EIA report.
3. Safety measures for workers during construction phase shall be reported in the EIA report.
4. Details of land acquisition (754.78 ha) with documentary evidence should be submitted with EIA report.
5. Financial implication of R&R with its commitments and source of funding should be produced in the EIA.
6. Since in this project R&R is involved, primary survey of land acquisition with details of PEP's should be submitted.
7. Cost benefit analysis including environmental factors should be given in the EIA report. Environment cost benefit analysis should also be carried out.
8. Green belt plan and catchment area treatment plan be provided in the EIA report.
9. Inventory of existing trees and their management should be provided in the EIA report.
10. Details of area under submergence should be discussed in the EIA along with details of incremental benefits associated with this project.
11. Impact of blasting and fly rocks during dam construction should be studied and discussed in the EIA report.
12. RF and PF under submergence with compartment number should be provided in the EIA report.
13. Complete layout and details of proposed roads should be discussed in the EIA report.
14. The potential risks and threats associated with the dam when it reaches FTL to the nearby villages should be discussed in the EIA.
15. Approved Environmental policy with provision of Environmental Cell for execution and monitoring of CSR activities.
16. The EIA report should clearly mention activitywise 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.
17. 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.
18. 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.

PP has submitted the EIA/EMP report vide letter no. 28 dated 08/01/2019 which was forwarded through SEIAA vide letter no. 2027 dated 16/01/2019.



The EIA was presented by the PP and their consultant in the 340 SEAC meeting dated 30-01-19, wherein after presentation and deliberation PP was asked to submit following informations:

- Bifurcation and details of 248.76 ha of forest land i.e. its RF & PF are to be submitted by the PP.
- Photographs of the monitoring locations are to be submitted.
- All the meteorological primary data along with its site specific wind-rose is to be submitted.
- Location of quarry site and its area with complete dimensions and its restoration method.
- Revised EMP with its bifurcation in standard 20 points shall be submitted.
- Muck disposal plan as suggested by committee.
- Year-wise and location wise details of the plantation is to be submitted.
- Revised EMP on standard 20 points as per the MoEF & CC shall be submitted.
- Copy of Notification u/s 19, 21 & 24 to be annexed and submitted.
- R & R plan on Map with layout details.
- Justification on standard TOR 63 Point no. 10.

The PP vide letter no. 472 dated 27.04.2019 were submitted the query reply and the same was forwarded by SEIAA vide letter no. 510 dated 03.05.2019.

The PP and their consultant presented the query reply presentation in this meeting wherein PP presented point –wise reply:

**Regarding bifurcation and details of 248.76 ha of forest land i.e. its RF & PF, PP submitted that –**

- Forest land requirement for the project is worked as 248.76 ha
- Stage I Forest Clearance has already been accorded by MoEF&CC vide their Letter No. F. No. 8-11/2018-FC dated 18/06/2018 .
- Entire 248.76 ha of forest land is Reserve Forest.
- Copy of Stage I approval letter and Fact sheet giving break up of proposal for diversion of forest land submitted .

**Year-wise and location wise details of the plantation-**

- The green belt is proposed to be developed within the project area around reservoir periphery, along the network of approach roads, residential areas and other working areas like crushing and aggregate processing plant, batching plant and workshops.

- Area estimated for green belt development in different patches is about 50 ha and a total of about 45000 saplings will be planted. Plantations work will be completed in 2 years time (30000 in first year and 15000 in second year including causality replacement) and will be maintained for five years by project authorities.

**Private Land Acquisition Status - Copy of Notification u/s 19, 21 & 24 -**

- For acquisition of private land, notification u/s 11, 19 and 21 has been issued for entire private land of 439.32 ha covering 9 villages
- Section 24 award is completed for 5 out of 9 villages
- An amount of Rs. 89 crore has already been deposited with the government by project authorities.

**Layout Details of Rehabilitation Colony on Map**

- There are 216 project affected families (527 PAPs) , who are identified as the families whose land and/or houses will be acquired for the project.
- 5 ha land area is identified near village Silera for resettlement.
- 204 families from 5 villages will be resettled in the pre-identified location near village Silera, whereas, 12 families are those who have constructed house for looking after their agricultural fields and are residing at some other location, therefore, these 12 families will not be resettled.
- The Resettlement and Rehabilitation plan of the proposed Kadan Medium Irrigation project has been approved by the Commissioner, District Sagar.

During discussion it was observed that PP has obtained Stage I Forest Clearance has already been accorded by MoEF&CC vide their Letter No. F. No. 8-11/2018-FC dated 18/06/2018. After deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Kadan Medium Irrigation Project at Village Ekpana Basona, Distt. - Sagar, (M.P.) CCA – 9990 ha. Cat. 1(c) River Valley Projects, with following conditions:

**(A) PRE-CONSTRUCTION PHASE**

1. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
2. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
3. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.

4. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
5. For dust mitigation measures following measures shall be adopted:
  - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
  - No excavation of soil shall be carried out without adequate dust mitigation measures in place.
  - No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
  - Wind-breaker of appropriate height minimum 03 meters shall be provided.
  - Water sprinkling system shall be put in place.
  - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
  - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
  - No uncovered vehicles carrying construction material and waste shall be permitted.
  - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
6. PP will obtain other necessary clearances/NOC from respective authorities.
7. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

**(B) CONSTRUCTION PHASE**

8. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
9. Fire extinguishers should be provided on site during construction/ plant erection period.
10. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
11. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.

12. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
13. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
14. Waste construction material should be recycled as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
15. Plantation in patches in suitable land all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
16. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
17. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
18. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
19. It is proposed by PP that plantation in 10 hectare in several patches in non forest waste land will be done subject to availability of suitable land.

**(C) POST CONSTRUCTION/OPERATIONAL PHASE**

20. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
21. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
22. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
23. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
24. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
25. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.

26. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
27. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
28. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.
29. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
30. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
31. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016 and The Right to Fair Compensation and Transparency in Land Acquisition ,Rehabilitation and Resettlement Act, 2013”

**(D) ENTIRE LIFE OF THE PROJECT**

32. A budgetary provision of Rs. 6257.00 Lakhs is made for Environmental Management Plan out of which Rs 26.00 lakhs has made for Green Belt Development Plan in the EMP.
33. A Budget of Rs. 40.00 Lakhs is made for Biodiversity Conservation Plan in the EMP.
34. No muck disposal shall be done outside of the project site. Rs. 300.00 Lakh is made for Muck Management Plan in EMP.
35. For Catchment Area Treatment Plan Rs 78.50 Lakhs and Rs 62.50 Lakhs is made for Fisheries Management Plan in EMP.
36. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
37. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
38. All commitments pertaining to public hearing shall be mandatory on part of PP.
39. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason

of under utilization of budgetary provisions for EMP should be addressed in annual return.

40. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
41. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
42. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
43. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**25. 6138/2019 M/s. Lithos Granito (India) Pvt. Ltd, Smt. Shashi Malu, Director, 1089, 1st Floor, Vikram Square, Scheme No. 71, Dist. Indore, MP Prior Environment Clearance for Granite (Decorative Stone) Deposit in an area of 4.06 ha. (4,537 cum per annum) (Khasra No. 235P), Village - Kiwati, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Granite (Decorative Stone) Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 235P), Village - Kiwati, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.06 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. 1355 dated: 26/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

The lease was on the hill top and gradient is also so steep elevation difference is >50 meters. Considering the high risk and sensitivity to mining of granite stone on the hill and two settlements are also situated either side of the hill. Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight careless may

threat to life of labors and site visit may also be carried out. Hence, in this context the PP was asked to submit following details:

- Photographs or Drone photography around the lease.
- No. of labour to be deployed.
- Mining method detail considering slope stability etc.
- Details of Evacuation route on map.
- Revised EMP and CSR as suggested during meeting.
- Revised plantation scheme.

PP has submitted the response of above quarries on dated vide letter dated 22.05.2019 and presented the query reply with showing Drone photography around the lease area. The committee after presentation found reply satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Murrum as per mine plan with quantity not exceeding 4,537 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.41 Lakh as capital and Rs 2.2925 Lakh/year as recurring and under CSR Rs. 4.0 Lakh/years has proposed.

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

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

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

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

**(Dr. R. Maheshwari)**  
**Co-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/Murum and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps 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. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps 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. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. 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.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. 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.
9. No Mining shall be carried out during Monsoon season.
10. 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.
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 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.

12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. 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.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. 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.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. 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.
23. 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.
24. 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. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.

19. The EIA report should clearly mention activity wise EMP and 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

**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.**

25. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
26. Detailed analysis of availability and quality of the drinking water resources available in the block.
27. 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.
28. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.