

The 50th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 20th September 2016 under the Vice Chairmanship of Shri Anil Kumar Sharma for discussion on the projects/query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Shri. Rajendra Kumar Sharma, Member.
2. Dr. Mohd. Akram khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Dr. Sonal Mehta, Member.

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

1. **Case No. 3197/2015 Shri Krishnakant Vyas S/o Shri Bharat Sharan Vyas C/o Shri Deepak Belpatri S/o Shri Babulal Belpatri, Taran Taaran Marg, District-Datia (MP) Prior E.C for approval of Stone Quarry Lease Area - 2.00 ha., Capacity - (40,000 cum/year) at Khasra No.-80/3, Vill.-Pachara, Teh.-Datia (Baroni), District-Datia (MP) (EIA Consultant: M/s Apex Mintech Consultants, Udaipur)**

This is a case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-80/3, Village-Pachara, Tehsil-Datia (Baroni), District-Datia (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-80, dated: 20/3/15, has reported that there is 16 more mines operating or proposed within 500 meters around the said mine, and Total area -40.850 ha including the proposed mine.

The case was presented in the 215th SEAC meeting dated 21/08/2015 wherein it is recorded that *“The mine is located in a cluster of 16 mines with cumulative lease area of 40.850 Ha hence PP was asked to carry out a comprehensive EIA for the region and prepare a common EMP for the cluster as well as separate EMP for each of the mine. Accordingly standard TOR prescribed by the MoEF & CC was approved for the project to carry out EIA / EMP”*.

PP has submitted the EIA report vide their letter dated 17/08/2016 which was forwarded by the SEIAA vides letter no. 3279/SEIAA/16 dated 29/08/2016.

The EIA was presented by the PP and their consultant wherein during presentation several discrepancies were observed by committee in the EIA report. Thus PP was asked to submit response on following:

1. In EIA report, PP has not provided the production details since 1994 and informed that it will be submitted at the time of presentation. During presentation it was informed by the PP that it's a new mine and due to typographical error it was wrongly mentioned in the EIA report that production details since 1994 will be submitted at the time of presentation. PP was asked to submit certificate of mining officer that it's a new mine and no production has been obtained from this mine till date.
 2. PP was also asked to provide the latest photographs of the site with revised conceptual plan.
 3. With the proposed 60 meters depth, how much working space will be available at the pit bottom with bench formation?
 4. PP was also asked to provide proposed safety provisions for carrying out mining operations and revised conceptual plan.
 5. Revised CSR and EMP.
2. **Case No.-5330/2016 M/s Kumjilal Ishwari Prasad Agrawal, P.O. Jaitwara, Distt Satna, MP – 485221 Prior Environment Clearance for Ochre, White Clay, Laterite & Bauxite Mine in an area of 8.094 ha. (46,798 TPA) at Khasra no.-66/2, Village-Barui, Tehsil - Birsinghpur, Dist. Satna (MP) (EIA Consultant: M/s GRC India training & Analytical Laboratory, Noida)**

This is a case of Ochre, White Clay, Laterite & Bauxite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-66/2, Village-Barui, Tehsil - Birsinghpur, Dist. Satna (MP) 8.094 ha. The project requires prior EC before commencement of any activity at site.

PROJECT DESCRIPTION

Location: The mining lease area is in village Barui, Tehsil Majhgawan, District Satna. The mining lease area falls in Survey of India Toposheet No. 63 D/13.

Toposheet Details

Latitude: - 24°52'11.7" to 24°52'18.6" N

Longitude: - 80°56'36" to 80°56'50.7" E

Area & production: The total ML area is 8.094 Ha.

This is a case of renewal/extension of mining lease with proposed production of 46,797 TPA. Estimated cost of the project is Rs. 25 Lakhs.

SALIENT FEATURES OF PROJECT

Name of the applicant	Kunjilal Ishwari Prasad Agrawal
Address of POA Holder	P.O.-Jaitwara Distt- Satna (M.P.), Pin- 485 221 Mo - 09425172715
Name of Mine	Barui Ochre, Bauxite, Laterite and White Clay Mine
Village	Barui
Tehsil	Majhgawan
District & State	Satna, Madhya Pradesh
Latitude	24°52' 11.7" to 24°52' 18.6" North
Longitude	80°56' 36" to 80°56' 50.7" East
Toposheet Number of study area	63 D/13 & 63 H/1
Mineral	Ochre, Bauxite, Laterite and White Clay
Area (ha)	8.094 Ha
Period of Lease	Up to 26.12.2030

DETAILS OF MINING

Method of mining	Opencast other than fully mechanized mining
Bench Height and Width	Height:3m Width:3m
Ultimate pit depth	2 m upto 382m AMSL
Mineable Reserve	407780 tonnes
Life of the Mine	14 Years

Ground water depth	364 m to 369 m RL (15 m to 20 m BGL)
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LAND USE PATTERN

S. NO.	LAND USE	EXISTING	5 TH YEAR	MINE LIFE
1)	Total area excavated (broken)	1.05	2.54	(7.2165)
2)	Area fully mined out (out of 1)	Nil	Nil	(7.2165)
3)	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	(7.2165)
4)	Area rehabilitated out of 3 by afforestation	NA	Nil	7.2165
5)	Area reclaimed by water harvesting	Nil	Nil	Nil
6)	Total area under dumps	0.8	1.3	Nil
7)	Area under active dumps	0.8	Nil	Nil
8)	Area under mineral stack	Nil	0.5	Nil
9)	Area under Road	0.4	0.4	Nil
10)	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	0.5	1.37	0.8775
11)	Area under infrastructure	0.01	0.11	Nil
Total				8.094

TOR for this lease was issued by MoEF&CC, New Delhi vide their letter no. J-11015/77/2012-IA-II (M) dated 11/06/2014 and the case file along with EIA was forwarded by the SEIAA vide their letter no. 3209/SEIAA dated 23/08 2016.

The case was presented by the PP and their consultant wherein during presentation and deliberations, it was observed that the site is within 10 Km radius of Ranipur Wild Life Sanctuary (a Notified PA) and thus clearance from NBWL is therefore needed. PP informed that they have submitted an application for Wild Life clearance and submitted the copy of application made for wild life clearance vides their latter dated 10/02/2016.

The EIA/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:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Transportation of minerals shall not be carried out through forest area.

4. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
 5. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
 6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
 7. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
 8. Production of Ochre, White Clay, Laterite & Bauxite shall be as per the mining plan not exceeding 46,798 TPA.
 9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
 10. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
 11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 12. The commitments made in the public hearing are to be fulfilled by the PP.
 13. 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.
3. **Case No.-5300/2016 Ritesh Tradefin Ltd, Lenin Sarni, Durgapur, Warddhaman, WB – 713101 Prior Environment Clearance for Granite Deposit in an area of 14.999 ha. (6000 cum/year) at Khasra No. 692 at Village-Mahed , Tehsil - Nowgoung, Dist. Chhatarpur (MP) (Comprehensive EMP)**

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 692 at Village-Mahed, Tehsil - Nowgoung, Dist. Chhatarpur (MP) 14.999 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 984 dated: 20/08/15 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 31.899 ha including this mine but the mine of homogeneous minerals are 01 with lease area of 3.900 ha with total area of 18.899ha and

as per GoI, MoEF&CC notification dated 15/01/2016 and 01/07/2016, this mine will not fall under cluster situation.

Earlier the case was discussed in SEAC-II 42nd meeting dated: 27/07/2016 where it was observed that:

“The case was presented by the PP and their consultant wherein PP submitted that their case is B-2 category as Granite is considered as minor mineral and total area of mines within 500 meters is 18.899 ha. The committee after request from PP decided that on the basis of above submission, PP should submit a comprehensive EMP through QCI/NABET accredited consultant addressing following issues:-

- a. Management and disposal plan of OB.*
- b. Mine water management plan on surface map showing location and size of settling tanks and garland drains.*
- c. Top soil management plan.*
- d. One month Air, Water and Noise Quality monitoring data with predictions within the lease area and surrounding area.*
- e. Transport management within lease area and outside the lease area to be detailed out including evacuation plan.*
- f. Revised EMP and CSR with budgetary provisions.”*

PP vides their letter dated 12/09/2016 has submitted the comprehensive EMP.

The case was presented by the PP and their consultant wherein the EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production of Granite as per mine plan with quantity not exceeding 6,000 cum/year.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Transportation of material shall be done in covered vehicles.
4. Transportation of minerals shall not be carried out through forest area.
5. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
8. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
12. The commitments made in the public hearing are to be fulfilled by the PP.
13. 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.

4. Case No.-5319/2016 Shri Dr. Yunus Baksh, Ward No. 15, H.N.334/1, Near Noor Madarsa, Nagjhiri, Tehsil & District - Burhanpur, MP – 450331. Prior Environment Clearance for Sand Quarry in an area of 5.5 ha. (25385 cubic meter per year) at Khasra no.-272, Village-Borgaon Khurd, Tehsil - Burhanpur, Dist. Burhanpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-272, Village-Borgaon Khurd, Tehsil - Burhanpur, Dist. Burhanpur (MP) 5.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3479 dated: 24/8/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 10.50 ha including this mine.

Earlier the case was discussed in SEAC-II 46th meeting dated: 26/08/2016 where it was observed 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. Committee decided to call the PP in subsequent meetings and even if the 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 and during presentation it was observed that the lease is sanctioned by the office of collector, Burhanpur vide letter dated 27/06/2016. It was also observed as per the Google image of October 2015 based on the co-ordinates provided by the PP that approximately 50% of the lease area is submerged in water and thus PP was asked to provide operational production map. As per the operational production map, it was observed by the committee that only 15,000 cum/year sand is available. The other submissions made by PP were found satisfactory and acceptable and thus the 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’:

- Production of Sand as per mine plan with quantity not exceeding 15,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

5. **Case No. – 2939/2015 Shri Praveen Singh Bundela, Prop., M/s Balaji Granites, H-12, K.K. Colony, Teh. & District-Datia (M.P.)-473661 Granite Mine Lease Area - 21.00 Ha.,**

Capacity Granite - 22140 cum/year, Gitty Stone - 26291 cum/year, at Khasra No. – 219, Vill.-Sunar, Teh.-Datia, District - Datia (M.P.)

This is case of **Granite Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 219, Vill.-Sunar, Teh.-Datia, District - Datia (M.P.) **21.00** Ha. The project requires prior EC before commencement of any activity at site.

Earlier the case was discussed in SEAC-II 33rd meeting dated: 24/06/2016 where it was observed that:

“The case was discussed in the 231st SEAC meeting dated 27/10/2015 wherein it is recorded that it being a case of Granite mining of ML area 21.00 ha. committee considered the case under B-1 category and recommended for issuing standard TOR prescribed by MoEF&CC for EIA. SEIAA vide letter no. 1809/SEIAA/16 dated 02/06/2016 has forwarded the request of PP for consideration as PP vide letter dated 06/04/2016 has requested to consider above said Granite mine query as minor mineral under B-2 category.

The case was presented by the PP and their consultant wherein PP submitted that as per the new notification this granite mine is now considered as B-2 category (minor mineral) and there are no more mines operating or proposed within 500 meter radius of this mine. Thus their TOR may be repealed and case may be considered as B-2.

Committee after deliberations decided that since the lease area of the mine is 21.00 ha, comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. Management and disposal of mine water discharge.
- c. Surface plan showing location and size of settling tanks and garland drains.”

PP has submitted the comprehensive EMP vide letter dated 06/08/2016 which was forwarded by the SEIAA vide letter no. 3159 dated 16/08/2016.

The case was presented by the PP and their consultant wherein the EMS and other submissions submitted 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’:

- Production as per mine plan with quantity not exceeding for Granite 22,140 cum/year and Gitty Stone 26,291 cum/year.
 - PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 - Transportation of material shall be done in covered vehicles.
 - Transportation of minerals shall not be carried out through forest area.
 - Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
 - Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
 - Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
 - The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
 - The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
 - Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
 - PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 - The commitments made in the public hearing are to be fulfilled by the PP.
 - 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.
6. **Case No.- 2527/2015 Shri Kamlesh Gupta S/o Shri Kalika Prasad Gupta, Vill.-Mau, Teh-Biohari, Shahdol (M.P.)-484774 Batura River Sand Quarry Lease Area - 5.00 ha., Capacity- 1,42,500 cum/year at Khasra no.-1279/1567, Vill.-Batura, Th.-Bhudhar, Dist-Shahdol (M.P.)**

This is case of Batura River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1279/1567, Vill.-Batura, Th.-Bhudhar, Dist-Shahdol (M.P.) 5.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed

format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 227 dated: 02/03/15 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was placed before the committee but PP and their consultant remains absent. Committee on perusal of documents observed that it's a case of River Sand Quarry with an area of 5.00 ha and the Lease was sanctioned vide letter no.-2433 dated: 15/12/2014 and the concerned Mining Officer vide letter no. 227 dated: 02/03/15 has also reported that there are no more mines operating or proposed within 500 meters around the said mine. The committee after deliberations recommends that the case falls under the preview of DEIAA and thus may be transferred to DEIAA through SEIAA.

7. Case No. 5333/2016 M/s Digiana Industries Pvt. Ltd, G-1, Sapna Chambers, 12/1, South Tukoganj, Indore, MP Prior Environment Clearance for River Sand Quarry in an area of 18.0 ha. (270,000 cubic meter per year) at Khasra No. 1/1 at Village - Pawarkheda , Tehsil - Babai, Dist. Hoshangabad (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located Khasra No. 1/1 at Village - Pawarkheda, Tehsil - Babai, Dist. Hoshangabad (MP) 18.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564, dated: 13/06/16 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 298.31 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

8. Case No. 5334/2016 M/s Digiana Industries Pvt. Ltd, G-1, Sapna Chambers, 12/1, South Tukoganj, Indore, MP Prior Environment Clearance for River Sand Quarry in an area of 23.0 ha. (345,000 cubic meter per year) (Khasra no. 1/1) at Village- Pawarkheda, Tehsil - Babai, Dist. Hoshangabad (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 1/1) at Village- Pawarkheda, Tehsil - Babai, Dist. Hoshangabad (MP) 23.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564, dated: 13/06/16 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 324.61 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

(R. K. Sharma, Member)

(Mohd. Akram Khan, Member)

(Prashant Shrivastava, Member)

(Dr.Sonal Mehta, Member.)

(A. K. Sharma, Vice Chairman)

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. 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.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and casualty replacement.
12. 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.
13. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the 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.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
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 trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies 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. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
7. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. The mining shall be carried out strictly as per the approved mining plan and ensure 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. Established water conveyance channels should not be relocated, straightened, or modified.
13. 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.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.

17. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu 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 amount towards reclamation of the 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.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
5. The mining activity shall be done manually.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
12. The mining shall be carried out strictly as per the approved mining plan.